Chicago to Iowa City Intercity Passenger Rail Service SUPPLEMENT TO

TIER 1 SERVICE LEVEL ENVIRONMENTAL ASSESSMENT

Submitted by

Illinois Department of Transportation

and

Iowa Department of Transportation

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Date of Approval

For Illinois DOT

For Iowa DOT

In September 2009, the Illinois Department of Transportation (Illinois DOT) and the Iowa Department of Transportation (Iowa DOT) published an Environmental Assessment (EA) evaluating the service level (tier 1) issues for the reestablishment of intercity passenger rail service between Chicago, Illinois, and Iowa City, Iowa (the Project) (Figure 1-1, Project Location). The September 2009 Service Level EA was submitted to the U.S. Department of Transportation Federal Railroad Administration (FRA) in support of a High Speed Intercity Passenger Rail (HSIPR) grant application submitted by Illinois DOT and Iowa DOT. FRA received a very large number of HSIPR grant applications, and unfortunately, because of funding constraints, FRA was not able to fund the majority of the grant applications, including the Chicago to Iowa City Service grant application. As part of the Illinois DOT and Iowa DOT 2010 HSIPR Grant application for the Chicago to Iowa City Service, FRA requested additional analysis of the potential impacts associated with construction and operation of the Eola Main Line Improvements and the Wyanet Connection to supplement the September 2009 Service Level EA.

This document provides supplemental information to the September 2009 Service Level EA as well as additional analysis of the potential impacts of the Eola Main Line Improvements and the Wyanet Connection. In addition, this document includes errata to the September 2009 Service Level EA and updates some of the information in the September 2009 Service Level EA. The following persons may be contacted for additional information concerning this document:

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Table of Contents

		ACRONYMS AND ABBREVIATIONS	IV
1.0		INTRODUCTION	1
2.0		WYANET CONNECTION AND EOLA MAIN LINE IMPROVEMENTS	
		SUPPLEMENTAL INFORMATION	3
	2.1	PURPOSE AND NEED	3
	2.1.1	Background on Current Rail Operations	4
	2.1.2	2 Purpose	6
	2.1.3	Need for the Eola Main Line Improvements	7
	2.1.4	Proposed Eola Main Line Improvements	8
	2.2	ALTERNATIVES	9
	2.2.1	Eola Main Line Improvements	9
	2.2.2	2 Wyanet Connection	9
	2.3	Transportation	10
	2.3.1	Affected Environment	10
	2.3.2	No-Build Alternative	11
	2.3.3	Preferred Alternative - Two Round-trip Trains per Day	12
	2.3.4	Preferred Alternative - Five Round-trip Trains per Day	12
	2.4	NOISE AND VIBRATION	13
	2.4.1	Noise Assessment	13
	2.4.2	2 Ground-borne Vibration Assessment	15
	2.5	AIR QUALITY	17
	2.6	HAZARDOUS MATERIALS	20
	2.6.1	Eola Main Line Improvements	20
	2.6.2	2 Wyanet Connection	21
	2.6.3	No-Build Alternative	23
	2.6.4	Preferred Alternative – Two Round-trip Trains per Day	24
	2.6.5	5 Preferred Alternative – Five Round-trip Trains per Day	24
	2.7	CULTURAL RESOURCES	25
	2.7.1	No-Build Alternative	25
	2.7.2	2 Preferred Alternative – Two Round-trip Trains per Day	26
	2.7.3	Preferred Alternative – Five Round-trip Trains per Day	26
	2.8	PARKS AND NATURAL AREAS	26
	2.8.1	Eola Main Line Improvements	26
	2.8.2	2 Wyanet Connection	27
	2.8.3	No-Build Alternative	27
	2.8.4	Preferred Alternative - Two Round-trip Trains per Day	28
	2.8.5	Preferred Alternative - Five Round-trip Trains per Day	28

Page 848 of 2624

	2.9	SECTION 4(F) RESOURCES	29
	2.9.1	No-Build Alternative	30
	2.9.2	Preferred Alternative - Two Round-trip Trains per Day	30
	2.9.3	Preferred Alternative - Five Round-trip Trains per Day	32
	2.10	WATERWAYS (STREAMRELOCATION)	32
	2.10	.1 No-Build Alternative	33
	2.10	.2 Preferred Alternative - Two Round-trip Trains per Day	33
	2.10	.3 Preferred Alternative - Five Round-trip Trains per Day	35
	2.11	WETLANDS	35
	2.11	.1 No-Build Alternative	36
	2.11	.2 Preferred Alternative - Two Round-trip Trains per Day	36
	2.11	.3 Preferred Alternative - Five Round-trip Trains per Day	37
	2.12	WATER QUALITY	37
	2.12	.1 No-Build Alternative	39
	2.12	.2 Preferred Alternative - Two Round-trip Trains per Day	40
	2.12	.3 Five Round-trip Trains per Day	41
	2.13	FLOODPLAINS	41
	2.13	.1 No-Build Alternative	42
	2.13	.2 Preferred Alternative - Two Round-trip Trains per Day	42
	2.13	.3 Preferred Alternative - Five Round-Trip Trains per Day	44
	2.14	THREATENED AND ENDANGERED SPECIES	44
	2.14	.1 Two Round-Trip Trains per Day	45
	2.14	.2 Five Round-Trip Trains per Day	46
	2.15	CONSTRUCTION IMPACTS	47
	2.15	.1 No-Build Alternative	47
	2.15	.2 Preferred Alternative - Two Round-trip Trains per Day	47
	2.15	.3 Preferred Alternative - Five Round-trip Trains per Day	49
	2.16	SUMMARY OF IMPACTS	49
3.0		COMMENTS AND COORDINATION	52
	3.1	PUBLIC MEETING	52
	3.2	PUBLIC COMMENTS	52
	3.3	COMMENT RESPONSES	53
	3.4	AGENCY COORDINATION	53
4.0		NEXT STEPS	55
	4.1	Project Sections	
	4.2	ADDITIONAL STUDIES	
5.0		REFERENCES	
J.U		NLI TALI (CLX)	

List of Ta	bles				
Table 2.4-1	Summary of Traffic Conditions				
Table 2.4-2	Impact Threshold Contour Distances				
Table 2.4-3	Distances to Category 2 Ground-borne Vibration Impacts				
Table 2.11-1	Wetlands within Survey Limits				
Table 2.12-1	2010 Illinois EPA 303(d) List – Specific Assessment information for Fox River				
Table 2.12-2	2010 Illinois EPA 303(d) List – Specific Assessment Information for Pond Creek39				
Table 2.14-1	Federally Listed or Candidates for Listing Threatened and Endangered Species within the Eola Main Line Improvements Section of the Project Area45				
Table 3.2-1	Comments by Media Type				
Table 3.2-2	Comments by Topic53				
Table 3.4-1	Agency Coordination				
List of Ch	narts				
Chart 2.4-1	FTA Noise Impact Criteria				
Churt 2.+ 1	1 111 Obe Impact Calciu				
Figures					
Figure 1-1	Project Location				
Figure 1-2	Eola Main Line Improvements Section of the Project Area				
Figure 1-3	Wyanet Connection Section of the Project Area				
Figure 2.1-1	Regional Rail Related to Eola Main Line Improvements				
Figure 2.1-2	Eola Main Line Improvements Vicinity				
Figure 2.4-1	Vibration and Noise Contours and Impacts				
Figure 2.6-1	Eola Main Line Improvements Environmental Constraints				
Figure 2.6-1	Wyanet Connection Environmental Constraints				
Attachme	ents				
Attachment 1	Eola Main Line Improvements PESA				
Attachment 2	Wyanet Connection PESA				
Attachment 3	Eola Main Line Improvements Cultural Resources Technical Memorandum				
Attachment 4	Wyanet Connection Archaeological Survey Short Report				
Attachment 5	Eola Main Line Improvements Aquatic/Stream Impact Analysis Conceptual Mitigation Technical Memorandum				
Attachment 6	Wyanet Connection Aquatic/Stream Impact analysis Conceptual Mitigation Technical Memorandum				
Attachment 7	Eola Main Line Improvements Wetland Delineation Report				
Attachment 8	Wyanet Connection Wetland Delineation Report				
Attachment 9	Agency Comment Letters				
Attachment 10	Comments and Responses				
Attachment 11	Illinois Natural History Survey, Preliminary Prairie Report (pending)				

Acronyms and Abbreviations

AST aboveground storage tank

BGEPA Bald and Golden Eagle Protection Act

BMP best management practice
BNSF BNSF Railway Company

CERCLIS Comprehensive Environmental Response,

Compensation, and Liability Information System

CFR Code of Federal Regulations

CN Canadian National Railway Corporation

CO carbon monoxide, county

CO₂ carbon dioxide

CSXT CSX Transportation Company

CWA Clean Water Act
dBA A-weighted decibels

EA Environmental Assessment

EcoCAT Ecological Compliance Assessment Tool

EJ&E Elgin, Joliet and Eastern Railway

EO Executive Order

EPA United States Environmental Protection Agency

EPA FRS EPA Federal Registry System

ERNS Emergency Response Notification System

ESA U.S. Endangered Species Act

et seq. and the following

FEMA Federal Emergency Management Agency

FHWA U.S. Department of Transportation Federal Highway

Administration

FINDS Facility Index System

FR Federal Register

FRA U.S. Department of Transportation Federal Railroad

Administration

FTA U.S. Department of Transportation Federal Transit

Administration

GBV ground-borne vibration

GHG (human-generated) greenhouse gas

HC hydrocarbons

HDR Engineering, Inc.

HMIRS Hazardous Materials Incident Report System

HSIPR High Speed Intercity Passenger Rail

HUC hydrologic unit code

IA Iowa

IAIS Iowa Interstate Railroad

IDNR Illinois Department of Natural Resources

IL Illinois

ILCS Illinois Compiled Statutes

Illinois DOT
Illinois Department of Transportation
Illinois EPA
Illinois Environmental Protection Agency

INAI Illinois Natural Areas Inventory
INHS Illinois Natural History Survey
Iowa DOT Iowa Department of Transportation
ISGS Illinois State Geological Survey

Ldn day-night noise level LOC limits of construction

LUST leaking underground storage tank

MBTA Migratory Bird Treaty Act

MetroLINK Rock Island County Metropolitan Mass Transit

District

MP milepost

Mph miles per hour

MWRRI Midwest Regional Rail Initiative
NEPA National Environmental Policy Act

NO_x nitrogen oxides

NPDES National Pollutant Discharge Elimination System

NRHP National Register of Historic Places

NWI National Wetlands Inventory

 O_3 ozone

PCB polychlorinated biphenyl

PEM palustrine forested

PEMF palustrine, emergent, semi permanently flooded
PESA Preliminary Environmental Site Assessment

PFO palustrine emergent

PHMSA U.S. Department of Transportation Pipeline and

Hazardous Materials Safety Administration

PM-2.5 particulate matter less than 2.5 micrometers in

diameter

PM-10 particulate matter less than 10 micrometers in

diameter

Preferred Alternative Route A – Amtrak-BNSF-IAIS

Project reestablishment of passenger rail service between

Chicago, Illinois, and Iowa City, Iowa

RCRA Resource Conservation and Recovery Act

ROW right-of-way

RTC Rail Traffic Controller

Section 4(f) Section 4(f) of the U.S. Department of Transportation

Act of 1966

Section 106 Section 106 of the National Historic Preservation Act

of 1996, as amended

Section 404 Section 404 of the Clean Water Act, as amended

SHPO State Historic Preservation Office

SHWS State Hazardous Waste Sites

SO₂ sulfur dioxide

SRP State Remediation Program

TPD trains per day

TSS total suspended solids

USACE U.S. Army Corps of Engineers

USAG-RIA U.S. Army Garrison-Rock Island Arsenal

USC United States Code

USDOT U.S. Department of Transportation

USFWS U.S. Fish and Wildlife Service

UST underground storage tank

VdB vibration decibels

VOC volatile organic compound

1.0 INTRODUCTION

In September 2009, the Illinois Department of Transportation (Illinois DOT) and the Iowa Department of Transportation (Iowa DOT) published an Environmental Assessment (EA) evaluating the service level (tier 1) issues for the reestablishment of intercity passenger rail service between Chicago, Illinois, and Iowa City, Iowa (the Project) (Figure 1-1, Project Location, located at the end of this document). The September 2009 Service Level EA was submitted to the U.S. Department of Transportation (USDOT) Federal Railroad Administration (FRA) in support of a High Speed Intercity Passenger Rail (HSIPR) grant application submitted by Illinois DOT and Iowa DOT. FRA received a very large number of HSIPR grant applications, and unfortunately, because of funding constraints, FRA was not able to fund the majority of the grant applications, including the Chicago to Iowa City Service grant application. As part of the Illinois DOT and Iowa DOT 2010 HSIPR Grant application for the Chicago to Iowa City Service, FRA requested additional analysis of the potential impacts associated with construction and operation of the Eola Main Line Improvements and the Wyanet Connection to supplement the September 2009 Service Level EA.

This document provides supplemental information to the September 2009 Service Level EA as well as additional analysis of the potential impacts of Eola Main Line Improvements and the Wyanet Connection. In addition, this document includes errata to the September 2009 Service Level EA and updates some of the information in the September 2009 Service Level EA.

The September 2009 Service Level EA identified Route A as the Preferred Alternative for reestablishing passenger rail service between Chicago and Iowa City. Route A would use the track of three carriers: 1.6 miles on Amtrak, 115.3 miles on BNSF Railway Company (formerly known as the Burlington Northern and Santa Fe Railroad [BNSF]), and 102.3 miles on Iowa Interstate Railroad (IAIS). The Eola Main Line Improvements¹ were discussed in the September 2009 EA as a contributor to the cumulative impacts, not as a Project component:

Illinois: Improvements Proposed for the BNSF Eola Yard in Aurora – Improvements are proposed to improve the flow of train traffic on the BNSF line from Chicago to Aurora. This triple-track line is currently used for BNSF freight trains, Metra commuter trains, and Amtrak passenger trains. Metra commuter trains depart and arrive at the Hill Yard/Aurora Transportation Center using two lead tracks, which join the double-track BNSF main lines at the west end of Eola Yard. Departing and arriving Metra trains block the main BNSF lines, delaying BNSF and Amtrak trains. The Hill Yard lead track would be extended to the east end of Eola

Several different names have been used for the set of track improvements envisioned for the BNSF rail line near Aurora, Illinois. The September 2009 Service Level EA identified these improvements as "Improvements Proposed for the BNSF Eola Yard in Aurora." Because the improvements are more closely connected with the BNSF's Chicago Subdivision main line that runs through Eola Yard, this Supplemental Information identifies the improvements as the "Eola Main Line Improvements."

Yard, freeing up one of the BNSF main lines. Two yard lines would be extended to ensure that trains in the Eola Yard can clear the BNSF line. This would allow BNSF and Amtrak trains to operate on this BNSF main line, reducing delays through this congested area. Because of the high number of freight, commuter, and intercity passenger trains currently operating on the BNSF rail line between Chicago and Aurora, the improvements to the BNSF Eola Yard in Aurora are needed before the service to Iowa City could commence. A separate HSIPR grant application was submitted by Illinois DOT on August 24, 2009, for funds to pursue the BNSF Eola Main Line Improvements. These improvements, which are one part of a suite of Chicago Terminal improvements, are needed to reduce congestion and improve the on-time performance of the current passenger trains as well as accommodate the new Chicago to Iowa City service. Because the Eola Main Line Improvements have independent utility and will be pursued irrespective of the Chicago to Iowa City service, the Eola Main Line Improvements will be the subject of a separate [National Environmental Policy Act] NEPA evaluation (State of Illinois, August 24, 2009).

- September 2009 Service Level EA, page 3-81

The Chicago Terminal Improvements project was not funded and is not advancing at this time. Because the improvements to the main line service through Eola Yard are no longer being completed through the Chicago Terminal Improvements project, but are a necessary component to provide passenger rail service from Chicago to Iowa City, the Eola Main Line Improvements are now considered a component of the Chicago to Iowa City Project (Figure 1-2, Eola Main Line Improvements Section of the Project Area). The intent of this supplemental information is to address the potential impacts resulting from the main line improvements when considered as part of the Chicago to Iowa City Project.

Route A would require a new connection between the BNSF and the IAIS rail lines; the connection would be at the location where the two rail lines cross, approximately 1 mile southwest of Wyanet, Illinois as shown in Figure 1-3, Wyanet Connection Section of the Project Area. The Wyanet Connection would consist of approximately 4,000 feet of new, single-track rail line located in the northwest quadrant of the grade-separated crossing of the BNSF and IAIS rail lines. The new connection would require approximately 7 acres of new railroad right-of-way (ROW) and would accommodate a train speed of approximately 50 miles per hour (mph).

2.0 WYANET CONNECTION AND EOLA MAIN LINE IMPROVEMENTS SUPPLEMENTAL INFORMATION

This supplemental information focuses primarily on those resources that may be affected by construction and operation of the Wyanet Connection and Eola Main Line Improvements. In accordance with 40 Code of Federal Regulations (CFR) 1502.21, this supplemental information hereby incorporates by reference all information that is included in the September 2009 Service Level EA and is not changing or does not require additional analysis (such as the discussion of indirect and cumulative impacts). Section 2.1, Purpose and Need, and Section 2.2, Alternatives, supplement the discussion presented in the September 2009 Service Level EA with information on the Eola Main Line Improvements. Where applicable, this document also includes updated information and errata to the September 2009 Service Level EA. The following list identifies the specific resource topics addressed and their respective sections in this document:

- Transportation (Section 2.3)
- Noise and Vibration (Section 2.4)
- Air Quality (Section 2.5)
- Hazardous Materials (Section 2.6)
- Cultural Resources (Section 2.7)
- Parks and Natural Areas (Section 2.8)
- Section 4(f) Properties (Section 2.9)
- Waterways (Stream Relocation) (Section 2.10)
- Wetlands (Section 2.11)
- Water Quality (Section 2.12)
- Floodplains (Section 2.13)
- Threatened and Endangered Species (Section 2.14)
- Construction Impacts (Section 2.15)

This document focuses on the No-Build Alternative and the Preferred Alternative (Route A – Amtrak,-BNSF-IAIS) identified in the September 2009 Service Level EA. Both the two round-trip trains per day (TPD) and the five round-trip TPD scenarios are discussed. The Route B Alternative (Amtrak-Canadian National Railway Corporation [CN]-Metra/Rock Island District-CSX Transportation Company [CSXT]-IAIS) identified in the September 2009 Service Level EA is not discussed because the Eola Main Line Improvements and the Wyanet Connection are not part of that alternative. Section 2.15 summarizes impacts identified for individual resources affected by the Wyanet Connection and Eola Main Line Improvements. Section 3.0 summarizes additional comments received and agency coordination conducted since publication of the September 2009 Service Level EA. Section 4.0 outlines the next steps in the NEPA process for the Chicago to Iowa City Intercity Passenger Rail Service.

2.1 PURPOSE AND NEED

This section supplements the September 2009 Service Level EA purpose and need statement with information on the Eola Main Line Improvements only. A full discussion of the purpose of and need for the related Wyanet Connection was included in the September 2009 Service Level EA.

As discussed in Section 1.0, Introduction, the Eola Main Line Improvements are necessary to reestablish passenger service between Chicago and Iowa City. The following sections provide background information on current rail operations between Chicago, Eola, and Wyanet, Illinois; state the purpose of and need for this element of the Project; and explain the proposed Main Line Improvements at Eola.²

2.1.1 Background on Current Rail Operations

BNSF serves Chicago with three main lines converging on the city from the west. Two of the main lines, the single-track Aurora Subdivision from the Pacific Northwest and the double-track Mendota Subdivision from the central western states, converge at Montgomery, just west of Aurora, Illinois, and west of the location of the proposed Eola Main Line Improvements. At Montgomery, the Mendota and Aurora Subdivisions combine as the Chicago Subdivision (see Figure 2.1-1, Regional Rail Related to the Eola Main Line Improvements). The triple-track Chicago Subdivision runs 36 miles from the West Eola Plant³ in Aurora through Eola Yard and Chicago's western suburbs, to Chicago's Union Station. At the West Eola Plant, the two "Hill Yard" signalized lead tracks⁴ diverge from the Chicago Subdivision main lines and carry Metra commuter trains to and from the Aurora Transportation Center in Aurora (see Figure 2.1-2, Eola Main Line Improvements Vicinity).

BNSF freight trains, which number approximately 50 per day at present, move east and west across the Chicago Subdivision, passing through Eola at all times of the day and night. BNSF's Chicago Subdivision, together with the Aurora and Mendota subdivisions, form a critical transportation artery for freight movement in North America. Principal commodities hauled on these rail lines are coal destined for Midwest power plants, containerized consumer goods and auto parts of both international and domestic origins, grain and animal feed for domestic and international consumption, construction materials, finished autos, and industrial materials. BNSF has no alternative route for this freight traffic. The freight traffic carried on the three subdivisions is either destined to or originates in the Chicago area, or it must pass through Chicago between points as dispersed as the Upper Ohio Valley to the east, the intermountain states to the west, and the Pacific Coast.

Amtrak daily long-distance and regional intercity passenger trains, presently eight per day (or four round trips), use the Chicago Subdivision to Aurora. Amtrak trains Nos. 3 and 4, the Southwest Chief, use the Mendota Subdivision en route to Kansas City, Missouri, and Los Angeles, California. Amtrak trains Nos. 5 and 6, the California Zephyr, use the Mendota Subdivision en route to Denver, Colorado, and Oakland,

In reality, there is no town called Eola, Illinois. Eola is a railroad location name and has been said to be an acronym for End of Line Aurora. This Supplemental Information discusses proposed railroad infrastructure improvements from the West Eola Plant (MP 35.3 on BNSF's Chicago Subdivision) through Eola Yard to the Eola Plant (MP 33.4 on BNSF's Chicago Subdivision).

³ The West Eola Plant includes the West Eola interlocking. An interlocking is an arrangement of interconnected signal equipment that enables train movements to succeed each other in safe, proper sequence. It may be operated manually or automatically.

⁴ Hill Yard is located approximately 1.5 miles west of Eola Yard. Two tracks, located north of the Chicago subdivision tracks, lead into Hill Yard.

California. Four Illinois Service (regional intercity passenger) trains, 380 through 383, use the Mendota Subdivision to Galesburg, Illinois.

Metra commuter trains, approximately 110⁵ TPD on weekdays (both revenue and nonrevenue), use the Chicago Subdivision from Chicago Union Station to Eola, and use the Hill Yard lead tracks to Aurora Transportation Center, 3 miles west of Eola. This commuter service is Metra's densest, carrying approximately 63,200 passengers daily, or about 20 percent of all of Metra's ridership. The volume of Metra passenger trains peaks in the inbound (toward Chicago) direction between 6 a.m. and 9 a.m. and in the outbound (toward Aurora) direction between 4 p.m. and 7 p.m. In addition, Metra provides midday and late evening service as well as weekend and holiday service.

At Eola, the Hill Yard lead tracks converge with the main tracks of the Chicago subdivision in a series of signalized high-speed crossover tracks enabling trains to access the correct track to make station stops, change routes, meet trains moving in the opposite direction, and overtake trains that are slowing down to change tracks or to leave the main tracks. Crossover tracks at the West Eola Plant (Milepost [MP] 35.3) and at the Eola Plant (MP 33.4) are used to sort train traffic onto the appropriate main tracks for optimal schedule adherence for both passenger and freight trains. However, when Metra passenger trains depart from the Hill Yard lead, they block all the main line tracks as they cross-over from the north side of the main lines to the south side of the main lines – requiring all other approaching train traffic to slow or stop until the Metra train has cleared the interlocking plant.

Eola Yard, located between the West Eola Plant and the Eola Plant, consists of two separated yards: one to the north of the Chicago Subdivision main tracks, called the "West Yard"; and one to the south, called the "East Yard." These two yards operate as one. The West Yard assembles carload freight from local customers in Chicago for forwarding several times a day on non-unit trains to BNSF's classification yard at Galesburg. The East Yard disassembles non-unit trains containing local cars from through-trains arriving from the west. In general, Eola Yard marshals (classifies) both eastbound and westbound cars for movement either east to Chicago and beyond or west to points such as Denver, Colorado; Minneapolis, Minnesota; Seattle, Washington; and Portland, Oregon.

At Eola Yard, and on the main tracks between the two halves of Eola Yard, BNSF also stages⁷ unit trains and general manifest trains⁸ that are fully blocked⁹ and ready for

Not all of the 110 Metra commuter trains per day originate or terminate at the Aurora Transportation Center. Some of the Metra trains terminate or originate at intermediate stations on the Chicago Subdivision.

⁶ Unit trains consist entirely of cars typically of the same commodity shipped from the same origin to the same destination, without being split up or stored en route. To meet the needs of shippers and receivers, unit trains are generally quite long and cannot readily be broken-up into smaller sections.

Train staging is the process of preparing (classifying and blocking) and storing trains off the main line until they are ready for advancement to the train's ultimate destination.

⁸ General manifest trains are composed of mixed railcars (such as boxcars and tank cars) hauling many different cargoes.

⁹ Blocking rail cars is the process of grouping rail cars in blocks of cars with a similar destination.

interchange¹⁰ for CN, the Belt Railway of Chicago, and the Western Avenue Corridor when these trains cannot be accepted by these connections at the time they arrive at Eola. At Eola, connection tracks diverge from the Chicago Subdivision to CN's former Elgin, Joliet & Eastern (EJ&E) rail line. BNSF exchanges several trains daily with CN on these connecting tracks.

Several factors strongly influence the capability of the connecting railroads to accept trains from BNSF. These include commuter train peak periods in Chicago, the complexities of rail operations in Chicago, maintenance activities, inclement weather, and freight and passenger rail operations east and west of Chicago. However, most of the tracks at Eola Yard are too short to hold these unit trains and general manifest trains that are en route to other railroads. When Eola Yard tracks cannot accommodate unit or interchange trains, the options for staging the trains at Eola are limited. Staging trains on one or two of the three Chicago Subdivision main tracks between West Eola and Eola reduces the capacity of the Chicago Subdivision. Staging trains on the eastbound yard running track blocks the remainder of the tracks in the yard and requires that switching operations cease. It is not practical to stage trains east of Eola on the Chicago Subdivision because of the numerous at-grade highway crossings, the dense residential land use along the subdivision, and because it is beyond the connection track to CN's EJ&E rail line.

Because of the lack of capacity in Eola Yard, and the inability to move freight trains into Eola Yard during the commuter peak periods, freight trains are routinely staged on one of the two Mendota Subdivision main tracks west of Eola. Staging of trains is especially common at a location approximately 24 miles west of Aurora at the 10.4 mile segment of rail line at the crossovers between the two main tracks at Somonauk and Earlville (on the Mendota Subdivision between Eola and Wyanet). Staging of trains on the Mendota Subdivision reduces the capacity of the rail line from two main tracks to one between the crossovers on the rail line segment on which a freight train is parked. In other words, when a freight train must wait outside of Eola Yard on the Mendota Subdivision, it effectively occupies the entire length of one track between crossovers. When the train is parked between the crossover at Somonauk and the crossover at Earlville, a 10.4 mile section of double track is reduced to a single track.

2.1.2 Purpose

The purpose of the Eola Main Line Improvements is to provide adequate track capacity to hold freight trains at Eola, either on a main track or a yard track, to enable on-time operation of the proposed Chicago to Iowa City passenger rail service on the Mendota Subdivision, without disrupting the on-time performance of other Amtrak intercity passenger trains and Metra commuter trains, and without degrading the operation of BNSF freight trains. The Eola Main Line Improvements would provide infrastructure at the Eola Yard to avoid the need to hold trains on the Mendota Subdivision and would restore the main-track capacity which at present is fully consumed by existing Amtrak long-distance and intercity passenger trains, Metra commuter passenger trains, and BNSF freight trains.

6

Page 859 of 2624

Rail cars that are blocked (grouped into blocks of cars with a similar destination) are ready for interchange (transfer to another rail line).

2.1.3 Need for the Eola Main Line Improvements

The need for the Eola Main Line Improvements is to enable reestablishment of the Chicago to Iowa City intercity passenger rail service. The current rail infrastructure at Eola is at capacity for the freight and passenger traffic that must travel through Eola and is not adequate to hold unit freight trains. The proposed new service would add one morning pair (one westbound and one eastbound) and one afternoon pair of Amtrak intercity passenger trains each day, for a total of four new trains. The new eastbound and westbound passenger trains would pass each other on the BNSF Mendota Subdivision in the Somonauk to Earlyille segment. Because one track in this segment is generally occupied by a parked freight train, one of the Amtrak trains would be delayed each day. The addition of four Chicago to Iowa City passenger trains, as proposed for the Project, would result in a tipping point, with consequent loss of reliability and loss of on-time performance for Metra and Amtrak passenger trains as well as added freight-train congestion, longer freight transit times, loss of reliability for freight shipments, and higher transportation costs for shippers. BNSF has conducted Rail Traffic Controller (RTC) modeling that simulates the effects of the four proposed Chicago to Iowa City passenger trains in both the no-build (no construction of proposed tracks) and the build (construction of the proposed tracks) cases. The RTC modeling demonstrated that without the Eola Main Line Improvements two or more of the proposed Amtrak intercity passenger trains, or existing Amtrak trains, would be delayed each day between Mendota and Wyanet by an average of 15 minutes.

Rail operations on BNSF's main tracks through Eola are heavily influenced by the Metra commuter train schedule. During the morning and evening commuter peaks, main track capacity is almost entirely consumed by Metra trains; freight train traffic is held to accommodate these commuter peaks. During the morning commuter peak, local stop commuter trains typically use the south side main track on the Chicago Subdivision, while express commuter trains typically use the center main track. The north side main track is used for counterflow Metra trains and Amtrak trains. During the evening peak, the pattern reverses. The requirement for Metra trains to cross over at Eola to reach the Hill Yard lead tracks consumes additional main track capacity which, in fact, has a ripple effect on approaching trains for several miles. There is no capacity to hold a freight train on the main line of the Chicago Subdivision at Eola. In addition, the yard tracks are not of sufficient length to hold a unit train. Therefore, freight trains are held on the Mendota Subdivision.

Freight trains held on the double-track Mendota Subdivision main tracks reduce the capacity on this rail line. Typically on a double-track main line with heavy traffic, most trains run one way on each of the tracks. Holding a train on one of the main tracks reduces the main line to a single main track usable for through-trains. The train that is held is typically parked between crossovers, enabling through trains to resume two-track operation at either end of the section on which the parked train is located. Crossovers on the Mendota Subdivision are spaced at 10- to 15-mile intervals. When a train is held on a main track, this effectively creates a 10- to 15-mile interval of single main track. The capacity of the remaining main track is reduced by greater than 50 percent compared to the capacity of two tracks. The reduced capacity is caused by the ripple effects of trains queuing at each end of the single-track section as they wait for trains moving in the opposite direction (that must reduce their speed in order to use the crossovers) and by

trains that are unable to progress fluidly over the subdivision, creating secondary or incidental effects. Passenger trains, in particular, are affected because they must meet and pass on the Mendota Subdivision as they simultaneously move in opposite directions. The proposed new westbound intercity passenger service train would normally pass the new eastbound intercity passenger service train on the Mendota Subdivision between the crossovers at Somonauk and Earlville. Single-track sections, and the congestion of trains awaiting movement through the single-track sections, can create severe delays and loss of reliability.

In addition to the single-track effects of trains held on the Mendota Subdivision, negative effects result from station stops made by passenger trains. On a double-track railroad, a train slowing to a station stop, boarding and deboarding passengers, and then resuming track speed will have no effect on trains moving in the opposite direction on the opposite track (that is, in the case of rail lines with station platforms on the same side as the train serving the station). On a single-track railroad, however, trains making station stops create considerable delays for trains moving in the opposite direction. On rail lines with heavy passenger traffic, such as the Chicago Subdivision, "single tracking" caused by held freight trains typically results in severe interaction delays between passenger trains. This would also be the case on the Mendota Subdivision with the addition of the Chicago to Iowa City passenger rail service.

2.1.4 Proposed Eola Main Line Improvements

The Eola Main Line Improvements would consist of (1) the construction of a fourth main track (a new lead track to Hill Yard); (2) the construction of new and reconfigured crossovers at West Eola and Eola; (3) the extension of the run-around track and yard tracks in the East Yard; and (4) the signal system required to control the new track configurations. The new fourth main track and crossovers would enable Metra trains to cross over at West Eola and Eola, from the Chicago Subdivision tracks to the Hill Yard lead tracks, thereby enabling a more fluid integration of the train flows on the three subdivisions. The new infrastructure would allow BNSF to temporarily hold one unit train on one of the Chicago Subdivision main lines, and the extension of the tracks in the East Yard would provide adequate track length to allow BNSF to temporarily stage freight trains on the run-around track and three of the yard tracks. The new main track capacity at Eola would reduce the need to use the Mendota Subdivision to stage freight trains that are en route to connecting railroads in Chicago (these trains would be staged at Eola, thereby restoring the capacity of the Mendota Subdivision to a full double-track main line). The improvements would thus enable the proposed four additional intercity passenger trains between Chicago and Iowa City to operate with minimal delay on the Mendota Subdivision and to travel through Eola in the opposite direction of the Metra trains without creating schedule adherence problems for either the Metra trains or the proposed service trains to Iowa. The high-speed crossovers at West Eola would enable

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Note that these queuing effects can have significant impacts on network fluidity: a stopped train might require 3-5 minutes to accelerate to its maximum speed, and a similar time to decelerate from its maximum speed to a full stop. Similarly, a freight train might require 5 minutes just to switch tracks at a crossover. In this regard, rail operations are not at all comparable to the rapid response of a system made up of automobiles, and automobile networks cannot serve as analogs for understanding rail networks.

Metra trains to travel at higher speeds through Eola in order to clear the yard and would reduce the bottleneck caused by the Metra trains crossing over from the Chicago Subdivision triple main tracks to the two Hill Yard lead tracks. These improvements would provide the required capacity both through the Eola bottleneck and on the Mendota Subdivision to efficiently operate the four proposed additional intercity passenger trains without risking undue delay to proposed and existing Amtrak passenger service.

2.2 ALTERNATIVES

The following is an update to the alternatives discussion presented in the September 2009 Service Level EA regarding the Government Bridge, and supplements the discussion of the Preferred Alternative (Route A –Amtrak-BNSF-IAIS) with the Eola Main Line Improvements that were not addressed in that document.

Page 2-3 of the September 2009 Service Level EA states: "The passenger rail service would use the Arsenal Bridge to cross the Mississippi River. The U.S. Army Corps of Engineers (USACE) owns and operates the Arsenal Bridge, but IAIS is responsible for the track and signal maintenance across the bridge." The reference to the name and ownership of the bridge is incorrect. The bridge is known as the "Government Bridge" and is owned by the U.S. Army Garrison-Rock Island Arsenal (USAG-RIA), not USACE. USACE-Louisville, on behalf of the Department of the Army, administers the lease (to IAIS) of the tracks that cross the USAG-RIA between the cities of Rock Island and Davenport.

2.2.1 Eola Main Line Improvements

The proposed Eola Main Line improvements would consist of construction of a fourth main track (a new lead track to Hill Yard); construction of new and reconfigured crossovers at West Eola and Eola; extension of the run-around track and yard tracks in the East Yard; and installation of the signal system required to control the new track configurations. The new fourth main track and crossovers would enable Metra trains to cross from the Chicago Subdivision tracks to the Hill Yard lead tracks at West Eola and Eola, enabling a more fluid integration of the trains on the three subdivisions. Construction of the new main track would require that approximately 4,920 linear feet of the waterway that runs through Eola Yard be placed in a culvert. The improvements would also enable the proposed additional intercity passenger trains between Chicago and Iowa City to travel through Eola in the opposite direction of the Metra trains without creating schedule adherence problems.

2.2.2 Wyanet Connection

As stated in Section 2.3.1, Preferred Alternative (Route A – Amtrak-BNSF-IAIS) of the September 2009 Service Level EA, approximately 1 mile southwest of Wyanet, the BNSF Railway track is grade-separated over the IAIS track; there is currently no connection between the tracks. To permit straightaway train movements a connection track (approximately 4,000 feet long) would be constructed in the northwest quadrant of the intersection (see Figure 1-3, Wyanet Connection Section of the Project Area). The connection would be designed to accommodate a train speed of 50 mph. Approximately 7 acres of ROW would be required for the proposed connection.

2.3 TRANSPORTATION

This discussion describes impacts of the Eola Main Line Improvements on rail transportation while referring to the information included in the September 2009 Service Level EA. See Section 3.2, Transportation, of the September 2009 Service Level EA for the discussion of the transportation impacts of the Wyanet Connection.

2.3.1 Affected Environment

The following subsections supplement the descriptions of Section 3.2.1, Affected Environment, in the September 2009 Service Level EA. Additional subsections for Freight Rail and Commuter Rail have been developed to address the entire Chicago to Iowa City Project, including Eola. Following those discussions are sections specific to the transportation effects of the Eola Main Line Improvements. The transportation effects throughout the rest of the Chicago to Iowa City Project area are discussed in sections 3.2.2 and 3.2.3 of the September 2009 Service Level EA.

Regional Transportation Network

Chapter 3, page 3-2 of the September 2009 Service Level EA refers to the availability of a feeder bus system from Cedar Rapids, Iowa, to Iowa City. The feeder bus system is not part of the initial service level of two round-trip TPD, but is anticipated to be part of the ultimate service level of five round-trip TPD; the feeder bus system would be evaluated in the subsequent tier 1 service level NEPA document and tier 2 project level NEPA documents prepared for the five round-trip TPD scenario.

Freight Rail

As discussed in Section 2.1.1, Background on Current Rail Operations, BNSF serves Chicago with three main lines (the Mendota and Aurora Subdivisions merging into the Chicago Subdivision approximately 5 miles west of West Eola and the Chillicothe Subdivision to the south of the Chicago Subdivision, which is not affected by the proposed passenger rail service) converging on the city from the west. At West Eola, the two "Hill Yard" signalized leads diverge from the Chicago Subdivision main lines and carry Metra commuter trains to and from the Aurora Transportation Center at Aurora. Crossover tracks at West Eola and at Eola are used to sort train traffic onto the appropriate main tracks to attain the best possible schedule adherence for both passenger and freight trains.

The inability of the connecting railroads to accept trains from BNSF is strongly influenced by commuter train peak periods in Chicago, the complexities of railroad operations in the east side of Chicago, and operations east of Chicago. Unfortunately, most of the Eola Yard tracks are not of sufficient length to hold these trains, and when multiple trains must be staged at Eola, successive trains must be tied down where they block and thus limit through-train operations. In particular, when Eola Yard tracks cannot accommodate unit or interchange trains, such trains are staged (1) on one or two of the three Chicago Subdivision main tracks between East and West Eola; (2) on the eastbound yard running track, which blocks the remainder of the yard's tracks and requires switching operations to cease; or (3) on one of the two Mendota Subdivision main tracks west of Eola, which reduces the Mendota Subdivision from two main tracks to one between those crossovers where the freight train is parked. Rail operations on main tracks through Eola are heavily influenced by Metra commuter train schedule adherence requirements. During the morning and evening commuter peaks, main track capacity is

mostly consumed by commuter trains; freight train traffic declines. During the morning commuter peak, local-stop commuter trains typically use the south main track, while express commuter trains typically use the center main track. The north main track is used for counterflow Metra trains and Amtrak trains. During the evening peak, the pattern reverses.

Commuter Rail

The Metra commuter rail system operates in six counties (Cook, Du Page, Kane, Lake, McHenry, and Will) in the Chicago metropolitan area and in more than 100 communities, with 239 stations on 11 routes. An average of 325,000 passengers ride Metra each weekday; the 2008 annual ridership was more than 86.8 million passengers and is the second largest commuter rail operation in the nation. Metra operates an average of 110 TPD, both revenue and nonrevenue, on its BNSF Railway line from Chicago Union Station to Aurora. Weekday ridership averages 63,200 passengers on this route. Metra operates an average of 54 TPD on its Rock Island District route from Chicago's La Salle Station to Joliet. Weekday ridership averages 35,600 passengers on this route (Metra, 2009). Metra service was evaluated as part of the Chicago to Iowa City Service Development Plan. Tier 2 project level NEPA evaluation of the capacity, operational, and infrastructure requirements for the BNSF Eola Yard (as well as the Chicago hub area) would be conducted to minimize, avoid, or mitigate impacts on existing Metra, Amtrak, and freight railroad service.

The City of Moline, Illinois, has conducted a preliminary commuter rail feasibility study for service between Silvis, Illinois, and Rock Island, Illinois. The proposed commuter rail service would be operated by the Rock Island County Metropolitan Mass Transit District (MetroLINK). The commuter rail system would operate on a 12.4-mile route connecting Silvis, East Moline, Moline, and Rock Island (Hanson Professional Services, 2008). A specific tier 2 project level NEPA evaluation, "Illinois Track Improvements," would be conducted for the proposed alignment in Illinois to address the infrastructure and operations requirements for the new service, existing freight service, and potential commuter rail service. In addition to the City of Moline feasibility study, FRA provided comments regarding Metra and MetroLINK operations, which are included in Attachment 9, Agency Comment Letters.

Chapter 3, page 3-6 of the September 2009 Service Level EA cites ridership numbers from a 1998 Amtrak study. The relative percentages of travel by mode (automobile and other passenger vehicles, air, and bus) from this study were used for analysis of train ridership; absolute numbers for the analysis were derived from the 2008 Amtrak feasibility studies. There have been no substantial changes in transportation systems for travel modes between Chicago and Iowa City, and the relative percentages of travel by mode from 1998 are the best available information.

2.3.2 No-Build Alternative

The No-Build Alternative would not result in changes to existing railroad infrastructure or operations. The Eola Main Line Improvements would not be constructed, and no passenger rail service would be added between Chicago and Iowa City. Therefore, the No-Build Alternative would not result in impacts on or improvements to transportation in the Eola Main Line Improvements section of the Project area.

2.3.3 Preferred Alternative - Two Round-trip Trains per Day

The proposed Eola Main Line Improvements consist of construction of a fourth main track, which can be thought of as a new Hill Yard lead track or "race track" through Eola, and construction of new and reconfigured crossovers at East and West Eola. These new track configurations would require that the control signal system be updated as well. From a passenger train operations perspective, the new fourth main track and crossovers would enable Metra trains to crossover at Eola as well as at West Eola, from the Chicago Subdivision tracks to the Hill Yard leads, enabling a more fluid integration of the train flows on the three subdivisions.

The proposed Chicago to Iowa City intercity passenger service would initially add two round trips per day, for a total of four new passenger TPD through Eola. One of the proposed two round-trip TPD trains traveling from Chicago to Iowa City would be travelling from Chicago to Iowa City in the morning and from Iowa City to Chicago in the evening, and one of the trains would depart from Iowa City to Chicago in the morning and from Chicago to Iowa City in the evening. The movement of these trains would be contrary to the Metra Commuter trains which travel into Chicago in the morning and out of Chicago in the evening. The new track capacity gained from the improvements would enable the proposed two additional round-trip TPD to travel through Eola in the opposite direction of the Metra trains, without creating schedule adherence problems for either the Metra trains or the proposed new Iowa service trains.

The high-speed crossovers at West Eola would enable Metra trains to travel at higher speeds through Eola in order to clear the yard and reduce the bottleneck caused by the Metra trains crossing-over from the Chicago Subdivision triple-main tracks to the two-main tracks (Hill Yard leads).

From a freight train operations perspective, the proposed improvements would result in a minimal lengthening of yard tracks to accommodate trains being staged for interchanges, primarily with CN. This would eliminate the need to hold trains on the Chicago Subdivision main tracks or on the Mendota Subdivision main track, thus clearing a path for the proposed Chicago to Iowa City intercity passenger service.

In essence, the combined main line and yard improvements would provide the required capacity both through the Eola bottleneck and on the Mendota Subdivision to efficiently operate the four proposed additional intercity passenger trains without risking undue delay to the proposed and existing Amtrak passenger service.

2.3.4 Preferred Alternative - Five Round-trip Trains per Day
According to Section 3.2.3, Impacts of Proposed Action and Alternatives – Five
Round-trip Trains per Day Scenario, of the September 2009 Service Level EA
(Chapter 3, page 3-11), the addition of five round-trip TPD (10 new passenger trains
through Eola) would require considerable coordination among the various entities that
operate within the Project area, including simulations to identify infrastructure needs, and
scheduling adjustments for maintenance activities and train traffic. With the Eola Main
Line Improvements, the impact of the additional trains would be substantially reduced
compared to operating on the existing infrastructure which would, in effect, not function
with the new trains.

2.4 Noise and Vibration

This section discusses the methodology and potential impacts related to the operational airborne noise and potential ground-borne vibration (GBV) from the proposed Eola Main Line Improvements section of the Project area.

As part of the September 2009 Service Level EA, a General Noise Assessment and a General Vibration Assessment were performed for rail sections between Chicago and Iowa City (September 2009 Service Level EA, Section 3.7 and Appendix C). The proposed Eola Main Line Improvements were addressed only in the cumulative impacts discussion, whereas noise and vibration impacts were assessed for the Wyanet Connection section of the Project area. However, the Eola Main Line Improvements lie within the rail sections assessed for the September 2009 Service Level EA, and the results of the September 2009 Service Level EA have been reevaluated for the Eola Main Line Improvements. After a confirmation that the assumptions made in the previous assessment remain valid for the current Eola Main Line Improvements, the effects of the proposed changes were considered and the potential impacts of the proposed realignment of the main line and special track were evaluated. Refer to Appendix C of the September 2009 Service Level EA for a more complete discussion of methods used for these evaluations.

2.4.1 Noise Assessment

The Federal Transit Administration (FTA) and FRA established similar procedures and guidelines for assessing train noise. Train noise is expressed in units of A-weighted decibels (dBA) using the day-night noise level (Ldn) to assess train noise near land use areas where people sleep (primarily residences, but could include hotels, hospitals, etc.). The Ldn can be thought of as a 24-hour average noise level that penalizes noise events that happen at night because most people are more annoyed by nighttime noise than they are by daytime noise.

This tier 1 service level NEPA review assessed only Project-related noise at land use areas where people sleep, which is consistent with FRA guidance for tier 1 service level NEPA reviews. Residences were identified by visual inspection of digital aerial photographs; no windshield surveys were performed.

The FTA noise impact criteria are defined by two curves, representing severe and moderate noise impacts, which are defined below.

- Severe Impact. A significant percentage of people are highly annoyed by noise in this range. Noise mitigation would normally be specified for severe impact areas unless it is not feasible or reasonable (unless there is no practical method of mitigating the impact).
- Moderate Impact. In this range, other project-specific factors are considered
 to determine the magnitude of the impact and the need for mitigation. These
 factors include the predicted increase over existing noise levels, the types and
 number of noise-sensitive land uses affected, existing outdoor-indoor sound
 insulation, and the cost-effectiveness of mitigating noise to more acceptable
 levels.

The FTA noise impact criteria are summarized in Chart 2.4-1. The chart illustrates existing noise exposure and Project-related noise exposure, and demonstrates that FTA

noise impact thresholds vary with existing noise levels. Although the chart references all three land use categories used by FTA, this analysis focused on Category 2 (residential land uses and any buildings where people sleep, such as hotels and hospitals).

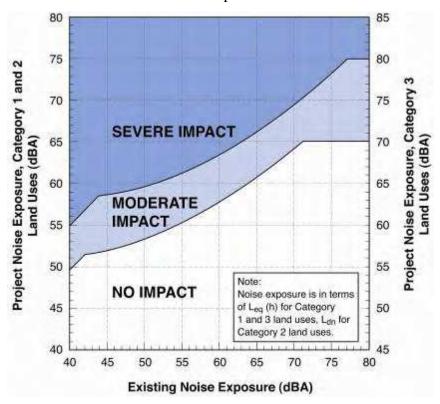


Chart 2.4-1 FTA Noise Impact Criteria

Refer to Appendix C of the September 2009 Service Level EA for a discussion of the methodology used in these assessments. Table 2.4-1 summarizes the train traffic conditions used in assessing the Project.

Table 2.4-1 Summary of Traffic Conditions

Traffic Type	Trains per Day	No. of Locomotives	No. of Cars	Speed (mph)
Existing Freight Trains	36.0	2.6	74.8	60
Existing Passenger Trains	89.1	1.0	11.4	60
Future (Proposed) Passenger Trains	4.0	1.0	8.0	70

The Eola Main Line Improvements section of the Project area lies in a quiet zone, and no at-grade crossings exist in the area; therefore, horn noise was not modeled.

No-Build Alternative

This analysis assumes that train-induced noise would not change anywhere throughout the Project area under the No-Build Alternative. Consequently, no new noise impacts are projected to occur beyond those that could occur due to other projects.

Preferred Alternative - Two Round-trip Trains per Day

This portion of the analysis is based on the proposed addition of two round-trip TPD at 70 mph through Eola Yard. Table 2.4-2 summarizes the calculated impact threshold contour distances (the area where noise impacts are predicted to occur) for the existing and proposed conditions.

Table 2.4-2
Impact Threshold Contour Distances

Impact	Existing Conditions Noise Impact Contour Distance (feet) (No-Build Alternative)	Future Conditions Noise Impact Contour Distance (feet) (Two Round-Trip TPD)	Future Conditions Noise Impact Contour Distance (feet) (Five Round-Trip TPD)
Moderate	256	261	268
Severe	134	137	141

The incremental increase in the moderate and severe noise impact contour distances are 5 feet and 3 feet, respectively. These distances are within the combined margin of error associated with the digital aerial photographs and the noise modeling methodology used in this assessment. Based on these distances, there are seven incremental moderate noise impacts potentially resulting from the Eola Main Line Improvements, all in a small cluster of homes near the extreme western end of Eola Yard (Figure 2.4-1, Vibration and Noise Contours and Impacts); there are no additional severe noise impacts. Because the magnitude of change in the noise contour distance is so small, and there are no additional severe noise impacts, noise mitigation measures are not recommended.

Preferred Alternative - Five Round-trip Trains per Day

Table 2.4-2 presents a simple comparison of noise contour distances under each of the ranges of rail traffic, including a proposed five round-trip TPD scenario. These data indicate the incremental increases over existing conditions for moderate and severe noise impact contour distances are 12 and 7 feet, respectively.

2.4.2 Ground-borne Vibration Assessment

Refer to Appendix C of the September 2009 Service Level EA for a discussion of the vibration assessment methodology used in this analysis. Based on the daily train counts for the current and anticipated rail usage, the FTA frequent-event criterion of 72 vibration decibels is applied in this assessment (this is the vibration impact threshold). The FTA/FRA vibration impact assessment methodology uses vibration decibels (VdB) relative to a reference of 1 microinch per second (10^{-6} inches per second). The FTA/FRA frequent-event criterion represents the most conservative vibration impact threshold.

GBV impact distances used in this assessment are the same as those used in the September 2009 Service Level EA and are summarized in the following table.

Table 2.4-3
Distances to Category 2 Ground-borne Vibration Impacts

Scenario	GBV Impact	Distance to Impact Level	(feet) for Traffic Condition
	Level (VdB)	Traffic Condition G ^a	Traffic Condition Ha
Existing Use: 60 mph	72	450	560
Future Use: 70 mph	72	509	520
Future Use: 90 mph	72	620	773

Notes:

The tier 1 service level NEPA review assessed only Project-related GBV at land uses where people sleep (primarily residences) for the same reasons as noted in Section 2.4.1, Noise Assessment.

No-Build Alternative

This analysis assumes that train-induced GBV would not change anywhere throughout the Project area under the No-Build Alternative. Consequently, no new vibration impacts are projected to occur beyond those that could occur due to other projects.

Preferred Alternative - Two Round-Trip Trains per Day

Both the existing and proposed (two round-trip TPD) rail traffic was assessed; this allowed the analysis to identify the incremental increase in GBV effects on residential land uses near the Eola Rail Yard. The incremental increases in the vibration impact contours are quite small, on the order of 10 feet. Analysis results indicate that the proposed improvements may result in vibration impacts at twelve residences.

The potentially affected residences are near the existing Eola Yard. Noise and vibration associated with the existing rail yard were not assessed in this assessment. Car-to-car coupling events in the rail yard create audible and tactile noise events: you can hear them and feel them. Eola Yard is a busy yard, and residences are exposed to numerous car coupling events each day. The incremental increase in GBV associated with the proposed improvements in the yard would be quite small, and it is possible that the project-related vibration levels would be comparable to the vibration events created by railcar movements in the existing yard. On this basis, vibration mitigation is not recommended.

Preferred Alternative - Five Round-trip Trains per Day

The operation of five round-trip TPD would have the same incremental increase in GBV as the two round-trip TPD increase; however, this scenario also includes the potential to increase speeds to 90 mph, which would result in an increase of distances to category 2 GBV impacts.

Table 2.4-3 shows that as the train speed increases, the distance to the GBV impact contour also increases. Areas beyond the vibration impact contour are predicted to experience train-induced GBV levels below the FTA/FRA vibration impact threshold. Appendix C of the September 2009 Service Level EA contains a more detailed discussion of the noise and vibration analyses.

^a Traffic conditions are discussed in Section 3.7.1 of the September 2009 Service Level EA. Both of these conditions represent freight and passenger trains in the corridor from Chicago to Aurora. Future passenger trains would operate at 70 mph in traffic condition G and 55 mph in traffic condition H; all other conditions are the same.

Figure 2.4-1, Vibration and Noise Contours and Impacts, presents the noise and vibration impact contours, and also identifies the location of the predicted project-related noise and vibration impacts.

2.5 AIR QUALITY

Section 3.8, Air Quality, of the September 2009 Service Level EA addresses air quality impacts of the operations of the proposed passenger rail service between Chicago and Iowa City in sufficient detail for tier 1 service level NEPA analysis. Additional analysis of air quality impacts would be conducted as part of the tier 2 project level NEPA analysis.

The following provides an update on the United States Environmental Protection Agency's (EPA's) determinations of nonattainment status that were pending when the September 2009 Service Level EA was published and adds discussion of potential impacts on sulfur dioxide levels.

The September 2009 Service Level EA notes, on page 3-47, that in 2006 EPA lowered its 24-hour ambient air quality health standard for fine particulate matter with a diameter of 2.5 microns or smaller, known as PM-2.5, from 65 to 35 micrometers per cubic meter of air. Based on air quality monitoring from 2005 through 2007, EPA had recommended designating part of Scott County, Iowa, and all of Rock Island County, Illinois, as nonattainment for PM-2.5. However, based on the consideration of 2006 through 2008 monitoring data, EPA designated Scott County and Rock Island County as attainment in the final rule published in the Federal Register (FR, November 13, 2009). Consequently, the nonattainment and maintenance areas within the Project area are limited to those listed in Table 3.8-1 of the September 2009 Service Level EA.

September 2009 Service Level EA Errata

Section 3.8, Air Quality, page 3-48, bulleted list following the second paragraph:

- Ozone (O₃), 100 tons per year of either nitrogen oxides (NO_x) or volatile organic compounds (VOCs)
- PM-2.5, 100 tons per year
- Particulate matter less than 10 micrometers in diameter (PM-10), 100 tons per year
- Sulfur dioxide (SO₂), 100 tons per year

Section 3.8.2, Two Round-trip Trains per Day, Preferred Alternative (Route A – Amtrak-BNSF-IAIS), page 3-49, second-to-last sentence in second paragraph: The amount of hydrocarbons (HC), SO₂, and carbon monoxide (CO) would decrease; NO_x, PM-10, and PM-2.5 would increase.

Section 3.8.2, Two Round-trip Trains per Day, page 3-49:

Table 3.8-2
Estimated Changes in Air Pollutants from Diversion of Vehicle and Plane Trips (tons per year)^a

D. II. day d	Additional Train Emissions	Reduction is	N Ol	
Pollutant		Vehicles	Planes	Net Change
НС	5.06	-11.55	-0.45	-6.94
CO	22.03	-218.56	-2.81	-199.34
NO _x	108.51	-9.61	-8.99	89.90
PM-10	2.82	-0.45	0.00	2.36
PM-2.5	2.73	-0.45	0.00	2.28
SO_2	0.08	-0.15	0.00	-0.07
carbon dioxide (CO ₂)	8,417.51	-8,381.63	-2,036.46	-2,000.59

Notes:

Section 3.8.2, Two Round-trip Trains per Day, page 3-50:

Table 3.8-3 Summary of General Conformity Determination for Preferred Alternative^a

Pollutant	Route Miles in Area	De Minimis Threshold	Train Emissions Increase	Net Emissions Change ^b		
Chicago PM-2.5 and O ₃ Non	Chicago PM-2.5 and O ₃ Nonattainment Area ^c					
НС	46	100	1.06	-1.87		
NO_x	46	100	22.79	18.19		
PM-2.5	46	100	0.57	0.46		
SO_2	46	100	0.02	-0.02		
Lyons Township (McCook, Illinois) PM-10 Maintenance Area						
PM-10	4	100	0.05	0.04		

Notes:

Section 3.8.2, Two Round-trip Trains per Day, Route B Alternative (Amtrak-CN-Metra/Rock Island District-CSXT-IAIS), page 3-50, second-to-last sentence in second paragraph:

The amount of HC, SO₂, and CO would decrease (the decrease of HC and SO₂ would be less compared to the Preferred Alternative); NO_x, PM-10, and PM-2.5 would increase.

^a Calculations of emissions from vehicles (including a mix of automobiles, light trucks, and sport utility vehicles) and trains were performed using EPA emission factors (Energy Information Administration, no date; EPA, Office of Transportation and Air Quality, April 2009; EPA, Office of Transportation and Air Quality, August 2005; Federal Highway Administration [FHWA], Office of Natural and Human Environment, April 2005; U.S. Department of Energy, no date; EPA, Technology Transfer Network, no date).

^a All numbers are in tons per year.

b Includes reduction in vehicle and plane emissions from trips diverted.

^c The Chicago nonattainment area includes the counties and townships listed in Table 3.8-1 and shown in Figure 3.8-1.

Section 3.8.2, Two Round-trip Trains per Day, Route B Alternative (Amtrak-CN-Metra/Rock Island District-CSXT-IAIS), page 3-51:

Table 3.8-4
Estimated Changes in Air Pollutants from Diversion of Vehicle and Plane Trips (tons per year)

Pollutant	nt Additional Train Emissions ^a	Reduction i	N. Channe		
Pollutalit	Additional Italii Emissions"	Vehicles	Planes	Net Change	
НС	4.32	-9.09	-0.35	-5.11	
CO	18.82	-171.86	-2.21	-155.25	
NO_x	92.70	-7.56	-7.07	78.07	
PM-10	2.41	-0.36	0.00	2.05	
PM-2.5	2.33	-0.36	0.00	1.98	
SO_2	0.07	-0.12	0.00	-0.05	
CO_2	7,191.05	-6,590.69	-1,600.08	-999.72	

Notes:

Section 3.8.2, Two Round-trip Trains per Day, Route B Alternative (Amtrak-CN-Metra/Rock Island District-CSXT-IAIS), page 3-51:

Table 3.8-5 Summary of General Conformity Determination for Route B Alternative^a

Pollutant	Route Miles in Area	De Minimis Threshold	Train Emissions Increase	Net Emissions Change ^b	
Chicago PM-2.5 and O ₃ Non	attainment Area ^c				
Hydrocarbons	60	100	1.09	-1.22	
NO _x	60	100	23.37	19.76	
PM-2.5	60	100	0.59	0.50	
SO_2	60	100	0.02	-0.01	
Southeast Chicago (Lake Calumet) PM-10 Maintenance Area					
PM-10	4	100	0.03	0.02	

Notes:

Section 3.8.3, Five Round-trip Trains per Day, page 3-52, second paragraph, second-to-last sentence: The amount of HC, SO₂, and CO would decrease (the decrease would be more than that under the two round-trip TPD scenario); PM-10, PM-2.5, and NOx would increase.

^a Calculations of emissions from vehicles (including a mix of automobiles, light trucks, and sport utility vehicles) and trains were performed using EPA emission factors (Energy Information Administration, no date; EPA, Office of Transportation and Air Quality, April 2009; EPA, Office of Transportation and Air Quality, August 2005; FHWA, Office of Natural and Human Environment, April 2005; U.S. Department of Energy, no date; EPA, Technology Transfer Network, no date).

^a All numbers are in tons per year

b Includes reduction in vehicle and plane emissions from trips diverted

^c The Chicago nonattainment area includes the counties and townships listed in Table 3.8-1 and shown in Figure 3.8-1.

Section 3.8.3, Five Round-trip Trains per Day, page 3-52:

Table 3.8-6
Estimated Changes in Air Pollutants from Diversion of Vehicle and Plane Trips (tons per year)

	Deducation in Environmen					
Pollutant	Additional Train Emissions ^a	Reduction ii	Reduction in Emissions			
Tonutant	Additional Italii Emissions	Vehicle	Plane	Net Change		
НС	12.97	-34.07	-0.88	-21.98		
CO	59.50	-644.49	-5.55	-590.53		
NO_x	293.03	-28.35	-17.77	246.91		
PM-10	7.61	-1.34	0.00	6.27		
PM-2.5	7.38	-1.34	0.00	6.04		
SO_2	0.21	-0.45	0.00	-0.24		
CO_2	22,731.77	-24,715.07	-4,024.44	-6,007.74		

Notes:

2.6 HAZARDOUS MATERIALS

2.6.1 Eola Main Line Improvements

A search of databases, review of historical aerials and topographic maps, interviews with the property owner, and a field reconnaissance was conducted to identify recognized environmental conditions (RECs) within the Eola Main Line Improvements section of the Project area. A field visit was conducted on June 23, 2010. Details of the hazardous materials assessment are documented in the Preliminary Environmental Site Assessment (PESA), dated July 2010, and included in Attachment 1.

The Eola Main Line Improvements would be constructed within existing BNSF ROW. The land use near Eola Yard is primarily residential on the east end, industrial on the west end, with some agricultural fields adjacent to the middle of the yard. A rail line was constructed through the project limits in 1848 and Eola Yard began functioning as a rail yard as early as the 1870s.

Hazardous material incidences have been reported within Eola Yard. The rail yard is listed in databases for Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS), Emergency Response Notification System (ERNS), State Hazardous Waste Sites (SHWS), leaking underground storage tanks (LUSTs), underground storage tanks (USTs), Hazardous Materials Incident Report System (HMIRS), Spills, Resource Conservation and Recovery Act (RCRA)-nongenerator sites¹², and Facility Index System (FINDS) for the incidences that have occurred on the project site. Most have been minor spills.

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^a Calculations of emissions from vehicles (including a mix of automobiles, light trucks, and sport utility vehicles) and trains were performed using EPA emission factors (Energy Information Administration no date; EPA, Office of Transportation and Air Quality, April 2009; EPA, Office of Transportation and Air Quality, August 2005; FHWA, Office of Natural and Human Environment April 2005; U.S. Department of Energy, no date; EPA, Technology Transfer Network, no date).

A RCRA-non-generator site is a hazardous waste handler that does not generate any quantity of hazardous waste during the current reporting period.

On January 20, 1993, a BNSF train collided head-on with a Southern Pacific train in Eola Yard, spilling approximately 10,000 gallons of diesel fuel. Some of the soils were removed for remediation; however, due to the location of the spill in relation to the existing railroad tracks some of the contamination remained in place and in-situ remediation was performed (see Figure 2.6-1, Eola Main Line Improvements Environmental Constraints). Contaminants did migrate to adjacent properties on the southwest side of Eola Yard. The site is enrolled into the Illinois State Site Unit and remediation activities are ongoing.

A locomotive released diesel fuel in 2008 approximately 0.7 miles east of McClure Road near the main line tracks (see Figure 2.6-1, Eola Main Line Improvements Environmental Constraints). This is an active site enrolled into the Illinois State Site Unit SRP and is currently undergoing remediation.

The entire rail yard is considered a REC due to the hazardous materials spills, its historical railroad use, and the materials transported through the yard. Adjacent properties on both sides of the western end of the yard are industrial. Several properties are listed in the environmental databases and would be considered RECs due to their current uses.

A risk assessment category would be assigned during tier 2 project level NEPA documentation. However; based on Illinois State Geological Survey (ISGS) risk assessment rating categories the site has a high risk of contamination given the presence of spills and leaks documented on EPA and state databases, which are currently being remediated (see Attachment 1 for more information on REC sites).

The EPA listing of potential, suspected, and known hazardous waste or hazardous substance sites in Illinois (the CERCLIS list) has been reviewed to ascertain whether the Eola Main Line Improvements would involve any listed sites. As a result of this review, it has been determined that the proposed undertaking would not require any ROW or any easement from a site included in the CERCLIS listing as of June 25, 2010.

2.6.2 Wyanet Connection

Hazardous material issues relevant to the Wyanet Connection section of the Project area were evaluated through a field study and an environmental report. The issues were then further assessed through database research.

ISGS completed a PESA on April 8, 2010, to identify and evaluate RECs that may indicate releases or potential releases of hazardous substances on, at, in, or to the proposed Wyanet Connection (see Attachment 2).

The proposed Wyanet Connection would be constructed in a rural area approximately 1 mile southwest of Wyanet; the northern (closest) extent of the Wyanet Connection section of the Project area is approximately 0.7 miles west of the southwestern edge of Wyanet. The Wyanet Connection section of the Project area consists of a mixture of agricultural land, undeveloped forested land, and railroad ROW. ISGS investigated two sites during the field work for the PESA: the Wyanet Connection section of the Project area (defined by ISGS as Site 2191-1) and a section of Pond Creek within this area and extending approximately 1,500 feet southeast (defined by ISGS as Site 2191-2). The presence of RECs was determined for each site; each potential issue was considered a

REC. The PESA identified four RECs and two *de minimis* conditions at Site 2191-1 and none at Site 2191-2.

Site 2191-1, Field Observations

Piles of 5-gallon plastic and metal buckets with labels identifying them as "railroad curve grease" were observed during the PESA field work in several areas along the IAIS rail line from approximately 1,500 feet to 2,000 feet west of the BNSF rail line (see Figure 2.6-2, Wyanet Connection Environmental Constraints, and Attachment 2). Some of the labels on the buckets identified the grease as soy-based and biodegradable; others identified it as petroleum based. There were approximately 50 buckets on the north side of the IAIS rail line and a few scattered on the south side of the tracks. A slight smell of petroleum was noted near the buckets (ISGS, April 8, 2010).

A large pile of metal debris was observed during the PESA field work along the south side of the IAIS tracks from approximately 1,600 feet to 1,800 feet west of the BNSF rail line (see Figure 2.6-2, Wyanet Connection Environmental Constraints, and Attachment 2). The debris appeared to have been dumped down the slope from the adjoining agricultural field to the south and contained an aboveground storage tank (AST), metal grain bins, a metal drainage culvert, wire fencing, and corrugated sheeting. The debris did not appear to be on existing railroad ROW but was located at the fence line between the railroad and adjoining property. The debris appeared to be within the Wyanet Connection section of the Project area. It is unknown whether the AST contained any residual liquids at the time of disposal; the PESA did not note any stained soils, distressed vegetation, or organic odors at the site of the AST that ISGS personnel observed, and the AST was not observed by HDR Engineering, Inc. (HDR) personnel during their site visit.

In addition, the IAIS rail line had numerous piles of used railroad ties (about 20 used ties per pile) located primarily on the north side of the tracks; the piles were spaced approximately every 40 feet. Scattered, loose, used railroad ties were also located throughout the length of both rail lines (ISGS, April 8, 2010).

Site 2191-1, Summary

The following RECs were identified at Site 2191-1: an AST; potential chemical presence related to the buckets labeled "railroad curve grease"; solid waste; and unusual or noxious odors related to the "railroad curve grease" buckets. The following *de minimis* conditions were identified at this site: likely pesticide and/or herbicide use based on agricultural land use and potential lead-based paint (ISGS, April 8, 2010). A risk assessment category would be assigned during tier 2 project level NEPA documentation. However, based on ISGS risk assessment rating categories the site has a moderate risk of contamination given the presence of "railroad curve grease," which has not been verified by testing.

Site 2191-2, Field Observations

A southward-flowing creek runs along the north side of the IAIS railroad tracks and crosses under the tracks just west of the intersection of the BNSF and IAIS rail lines. No visual evidence of stressed vegetation, depressions, mounding or soil piles, lagoons or surface impoundments, stained soil or pavement, water discoloration, fill, ASTs or USTs, pumps or dispensers, protruding pipes, pipelines, drums, monitoring wells, pits, solid

waste, transformers, nonpetroleum chemical use or storage, or unusual or noxious odors were noted during a site visit by ISGS on April 2, 2010 (ISGS, April 8, 2010).

No data gaps were identified for this site. Because there are no buildings present and no evidence of fill or demolition debris was observed, asbestos-containing materials and lead paint are unlikely to be present at this site.

Site 2191-2, Summary

No RECS or *de minimis* conditions were identified at this site.

Hazardous Material Database Review of the Wyanet Connection Section of the Project Area Subsequent to and separate from the PESA, the following databases were searched for the Wyanet Connection section of the Project area on June 25, 2010:

- EPA Federal Registry System (EPA FRS)
- Pipeline and Hazardous Materials Safety Administration (PHMSA) Incident Reports Database
- Illinois Environmental Protection Agency (Illinois EPA) Bureau of Land Data-Center Inventory Report
- Illinois EPA Site Remediation Program
- Illinois EPA Facility Compliance Tracking System
- Illinois EPA Leaking Underground Storage Tank Incidents
- Illinois Emergency Management Agency Hazardous Materials Incident Reports Database

The EPA listing of potential, suspected, and known hazardous waste or hazardous substance sites in Illinois (the CERCLIS list) has been reviewed to ascertain whether the proposed Wyanet Connection would involve any listed site(s). As a result of this review, it has been determined that the proposed undertaking would not require any ROW or any easement from a site included in the CERCLIS listing as of June 25, 2010. There are no Superfund or CERCLIS sites within 1 mile of the proposed Wyanet Connection (EPA FRS, June 25, 2010). The closest REC site is 0.7 miles east of the northern end of the Wyanet Connection section of the Project area (EPA FRS, June 25, 2010; Illinois EPA, no date a; Illinois EPA, no date b; Illinois EPA, June 24, 2010; Illinois EPA, June 25, 2010). No hazardous material incidents involving trains have been reported within 5 miles of Wyanet (PHMSA, no date). Two hazardous material incidents involving trucks have been reported in the vicinity of Wyanet; the location of these incidents is not within 1 mile of the Wyanet Connection section of the Project area. Both of these incidents occurred in 1989 (Illinois Emergency Management Agency, no date).

2.6.3 No-Build Alternative

Eola Main Line Improvements

The No-Build Alternative would not result in construction or appreciable change to the current track configuration or operating conditions of Eola Yard. Therefore, the No-Build Alternative would not impact any of the potential hazardous materials sites adjacent to or within Eola Yard.

Wyanet Connection

The No-Build Alternative would not result in changes to existing railroad infrastructure or operations. The Wyanet Connection would not be constructed, and no passenger rail

service would be added between Chicago and Iowa City. Therefore, the No-Build Alternative would not affect the potential hazardous material sites along the IAIS rail line or near Wyanet.

2.6.4 Preferred Alternative – Two Round-trip Trains per Day

Eola Main Line Improvements

The Preferred Alternative, which includes two round-trip TPD, would not require the acquisition of ROW. All construction activities would occur within the existing BNSF ROW. Because Eola Yard is considered to be a REC, it is possible that contaminated soil would be encountered during construction. If any contamination is encountered, the proper agencies would be notified and the contaminated soil would be handled and disposed of in accordance with Illinois regulations. Detailed hazardous material/special waste studies would be conducted in a manner consistent with Illinois DOT and Iowa DOT protocols and would be documented in subsequent tier 2 project level NEPA documents.

Wyanet Connection

Implementation of the Preferred Alternative would necessitate construction of the Wyanet Connection and would result in the addition of two round-trip passenger TPD on the existing BNSF and IAIS rail lines. Construction of the Wyanet Connection would disturb ground where ISGS personnel observed buckets labeled "railroad curve grease" in April 2010. Soil in the vicinity of the observed buckets would be tested for contamination prior to construction. If any contamination is encountered, the proper agencies would be notified and the contaminated soil would be handled and disposed of in accordance with Illinois regulations. Worker protection would be provided if needed. Detailed hazardous material/special waste studies would be conducted in a manner consistent with Illinois DOT and Iowa DOT protocols and would be documented in subsequent tier 2 project level NEPA documents.

Relocation of Pond Creek as part of the construction of the Wyanet Connection could potentially affect the metal debris observed south of the IAIS rail line. If stream relocation activities affect the metal debris, the debris would be handled and disposed of in accordance with Illinois regulations after contacting the proper agencies. Soils in the vicinity of the debris would be tested for contamination as warranted; contaminated soil, if found, would be handled and disposed of in accordance with Illinois regulations.

None of the REC sites to the east of the Wyanet Connection section of the Project area would be affected by construction of the connection or by operation of trains on the connection.

2.6.5 Preferred Alternative – Five Round-trip Trains per Day

Eola Main Line Improvements

The effects of the Preferred Alternative with five round-trip TPD would be similar to those of the two round-trip TPD scenario. Construction would affect the same area within the BNSF ROW as the two round-trip TPD scenario. The only REC that would be affected is Eola Yard. Similar actions should be taken if contaminated soil is encountered during construction.

Wyanet Connection

The effects of running five round-trip TPD would be similar to those of the two round-trip TPD scenario. Construction of the Wyanet Connection would affect the same area as the Preferred Alternative, affecting the same REC at the proposed connection site. Similar actions with respect to potential contamination would be completed. None of the REC sites to the east of the Wyanet Connection section of the Project area would be affected by construction of the connection or by operation of trains on the connection.

2.7 CULTURAL RESOURCES

HDR reviewed archival information and conducted archaeological and historic property field reconnaissance investigations for the Eola Main Line section of the Project area and summarized the investigations in a technical memorandum (Attachment 3). On July 20, 2010, the Illinois Historic Preservation Agency concurred with the reconnaissance survey for Eola Yard. The concurrence letter is in Attachment 9.

In accordance with Section 106 of the National Historic Preservation Act of 1996, as amended, a record search was conducted by Illinois State Archaeological Survey, University of Illinois at Urbana-Champaign for known cultural resource sites within 1 mile of the Wyanet Connection section of the Project area. The record search did not identify any archaeological resources or historic structures listed in or eligible for inclusion in the National Register of Historic Places (NRHP). On March 18, 2010, a Phase I archaeological reconnaissance survey was also conducted by Illinois State Archaeological Survey, University of Illinois at Urbana-Champaign. The survey located no archaeological material or historic structures within the Wyanet Connection section of the Project area. The reconnaissance survey results, noting that no archaeological material was identified and recommending project clearance, were submitted to the Illinois Historic Preservation Agency, the Illinois State Historic Preservation Officer (Illinois SHPO). On May 3, 2010, the Illinois Historic Preservation Agency concurred with the findings of the reconnaissance survey for the Wyanet Connection. The concurrence letter is in Attachment 9.

2.7.1 No-Build Alternative

Eola Main Line Improvements

The No-Build Alternative would not result in changes to existing railroad infrastructure or operations. The Eola Main Line Improvements would not be constructed, and no passenger rail service would be added between Chicago and Iowa City. Therefore, the No-Build Alternative would not impact cultural resources.

Wyanet Connection

The No-Build Alternative would not result in changes to existing railroad infrastructure or operations. The Wyanet Connection would not be constructed, and no passenger rail service would be added between Chicago and Iowa City. Therefore, the No-Build Alternative would not impact cultural resources.

2.7.2 Preferred Alternative – Two Round-trip Trains per Day

Eola Main Line Improvements

The Preferred Alternative would not have an impact on significant archaeological resources because no resources eligible for the NRHP have been identified within the construction limits of the Eola Main Line Improvements.

Wyanet Connection

The Preferred Alternative would not have an impact on cultural resources because no resources have been identified within 1 mile of the Wyanet Connection.

2.7.3 Preferred Alternative – Five Round-trip Trains per Day

Eola Main Line Improvements

This Alternative would not have an impact on significant archaeological resources because no resources eligible for the NRHP have been identified within the construction limits of the Eola Main Line Improvements.

Wyanet Connection

Because no resources have been identified within the Project area or vicinity, increasing train traffic from two to five round-trip TPD would not impact cultural resources.

2.8 PARKS AND NATURAL AREAS

The following information supplements Section 3.11, Parks and Federally or State-Listed Natural Areas, of the September 2009 Service Level EA with information on parks and natural areas) within 0.25 miles of the Eola Main Line Improvements and the Wyanet Connection. The parks that qualify for protection under Section 4(f) of the USDOT Act of 1966 (49 United States Code [USC] 303) are discussed further in Section 2.9, Section 4(f) Resources.

2.8.1 Eola Main Line Improvements

The Eola Main Line Improvements section of the Project area is located entirely within BNSF ROW. There are no parks or natural areas next to this section of the Project area. However, there are four parks or natural areas located within 0.25 miles of the Eola Main Line Improvements: Asbury Park, Sutton Lake Park, Eola Road Marsh Natural Area, and Night Heron Marsh. The parks and natural areas are shown in Figure 2.6-1, Eola Main Line Improvements Environmental Constraints.

Asbury Park is located approximately 150 feet south of Eola Yard. This 9.8-acre park is part of the Fox Valley Park District and includes two soccer fields, two informal ball fields, and a playground (Fox Valley Park District, 2010).

Sutton Lake Park is located approximately 350 feet north of Eola Yard. This 23-acre park is part of the Fox Valley Park District and includes a 0.8-mile trail, a basketball court, a playground, an informal ball field, an informal soccer field, and water access for fishing (Fox Valley Park District, 2010).

Eola Road Marsh is an Illinois Natural Areas Inventory (INAI) site located approximately 70 feet south of Eola Yard. Eola Road Marsh has been determined to possess "high quality natural areas, habitats of endangered species, and other significant natural features" (University of Illinois Board of Trustees, 2009).

Night Heron Marsh is owned by the Forest Preserve District of DuPage County, and is located approximately 130 feet south of Eola Yard. The 136-acre marsh is undeveloped and has no amenities or parking for the public (Forest Preserve District of DuPage County, 2009). "Formerly cultivated farm fields, the preserve is a mix of restored prairie and natural wetlands, a haven for belted kingfishers, great egrets, illusive black-crowned night-herons, and great blue herons perching in willows" (Forest Preserve District of DuPage County, 2009).

2.8.2 Wyanet Connection

Five prairie areas were identified within the Wyanet Connection section of the Project area. One of these prairie areas is of high quality. Field surveys indicated that no federally or state-listed plant species occur in the area (see Attachment 11). In addition to these prairie areas within this section of the Project area, the Hennepin Canal Parkway State Park is located near this section. At the closest point, it is approximately 0.25 miles northeast of the Wyanet Connection. The prairie areas and Hennepin Canal Parkway State Park are shown in Figure 2.6-2, Wyanet Connection Environmental Constraints. There are no other parks or natural areas within 0.25 miles of the Wyanet Connection section of the Project area.

The first prairie area within the Study Area is an approximately 0.35-acre native prairie remnant (Prairie A) on the west end of the Wyanet Connection section of the Project area. This area contains at least 62 different species, is of sufficient quality for listing on the INAI, and is limited to the area between the railroad grade and railroad ROW fence (Illinois Natural History Survey [INHS], July 19, 2010). This area has a high natural quality, rated as grade B to A-. The four other prairie areas within the Study Area are located north and west of the BNSF Railway line and north of the IAIS railroad line. These prairie areas are of lower quality (grade C to D). Another high quality (Grade B to A-) prairie area (Prairie B) is located along the south side of the IAIS tracks immediately east of the BNSF crossing (outside of, but adjacent to the Study Area). This approximately 0.10-acre prairie contains at least 46 species, is of sufficient quality for listing on the INAI, and is limited to the area between the railroad grade and railroad ROW fence (INHS, July 19, 2010).

2.8.3 No-Build Alternative

Eola Main Line Improvements

The No-Build Alternative would not result in changes to existing railroad infrastructure or operations. The Eola Main Line Improvements would not be constructed, and no passenger rail service would be added between Chicago and Iowa City. Therefore, the No-Build Alternative would not result in impacts on Asbury Park, Sutton Lake Park, Eola Road Marsh Natural Area, or Night Heron Marsh.

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Natural quality is rated according to the type and quality of communities in the prairie area. Grade A areas consist of relatively stable or undisturbed communities, Grade B consists of late successional or lightly disturbed communities, Grade C consists of mid-successional or moderately to heavily disturbed communities, Grade D consists of early successional or severely disturbed communities, and Grade E consists of very early successional or very severely disturbed communities.

Wyanet Connection

The No-Build Alternative would not result in changes to existing railroad infrastructure or operations. The Wyanet Connection would not be constructed, and no passenger rail service would be added between Chicago and Iowa City. Therefore, the No-Build Alternative would not result in impacts on the prairie areas or Hennepin Canal Parkway State Park.

2.8.4 Preferred Alternative - Two Round-trip Trains per Day

Eola Main Line Improvements

Construction of the Eola Main Line Improvements would have no direct impact on Asbury Park, Sutton Lake Park, Eola Road Marsh Natural Area, or Night Heron Marsh. Although noise and vibration levels may increase slightly, these parks and marshes are adjacent to what is currently a very active rail yard. Users (both human and wildlife) of these areas are not expected to observe a noticeable difference in noise and vibration levels as a result of the construction of the Eola Main Line Improvements or the operation of an additional two round-trip TPD through this area. The increases in noise and vibration would not result in an impairment of the parks and natural areas in the vicinity of the Eola Main Line Improvements.

Wyanet Connection

Construction of the Wyanet Connection would result in a direct impact on the approximately 0.35-acre Prairie A and would also impact the other lower quality prairie areas. Mitigation for these impacts would be incorporated into the overall mitigation plan for the relocation of Pond Creek (see Section 2.10, Waterways (Stream Relocation)). IDNR recommended that if the railroad prairie at Wyanet is adversely impacted, the impact area could be excavated and moved to a suitable site. Tree replacement could take place in the agricultural areas within the 7 acres that will be purchased for the project (IDOT, July 28, 2010). The proposed Wyanet Connection would not result in direct or indirect impacts on Prairie B. Although construction of the Wyanet Connection would move train traffic 350 feet closer to the Hennepin Canal Parkway State Park, there would be no direct impacts; the new track alignment and additional two TPD are expected to have a negligible impact on park users, as noise levels would not increase noticeably and the BNSF and IAIS rail lines are currently visible to park users. The increases in noise and vibration would not result in an impairment of the Hennepin Canal Parkway State Park.

2.8.5 Preferred Alternative - Five Round-trip Trains per Day

Eola Main Line Improvements

The effects of running five round-trip TPD would be similar to those of operating two round-trip TPD, but noise and vibration levels would rise slightly from the increased train traffic. The increases in noise and vibration would not result in a significant impairment of the parks and natural areas in the vicinity of the Eola Main Line Improvements.

Wyanet Connection

The effects of running five round-trip TPD would be similar to those of operating two round-trip TPD, but noise and vibration levels would rise slightly from the increased train traffic. The increases in noise and vibration would not result in a significant impairment of the Hennepin Canal Parkway State Park.

2.9 Section 4(f) Resources

Section 4(f) of the USDOT Act of 1966 (49 USC 303) grants special protection to four specific types of property. One type of protected property is historic sites, defined as historic properties that are listed in or eligible for inclusion in the NRHP. The other three types of protected properties are publicly owned parks, publicly owned refuges for wildlife and/or waterfowl, and publicly owned recreational areas.

Section 4(f) forbids the Secretary of Transportation from approving projects that require the conversion (referred to as "use") of land from these protected properties unless it can be clearly demonstrated that: "(i) There is no feasible and prudent alternative to the use of land from the property; and (ii) The action includes all possible planning to minimize harm to the property resulting from such use"; or the FRA determines that the use of the property, including any measure(s) to minimize harm (such as any avoidance, minimization, mitigation, or enhancement measures) would have a *de minimis* impact. A direct use occurs when there is a physical incorporation of land into a transportation facility. A constructive use occurs when a project does "not incorporate land from a section 4(f) resource, but the project's proximity impacts are so severe that the protected activities, features, or attributes that qualify a resource for protection under section 4(f) are substantially impaired" and the resource can no longer perform its designated function (49 USC 303).

No parks, publicly owned refuges for wildlife and/or waterfowl, or publicly owned recreational areas were identified during the September 2009 Service Level EA process or have been identified within the Eola Main Line Improvements or the Wyanet Connection sections of the Project area. The five prairie areas, identified in Section 2.8.2, within the Wyanet Connection section of the Project area are not publicly owned and are not eligible for protection under Section 4(f).

Potential Section 4(f) resources were identified within approximately 0.25 miles of the Eola Main Line Improvements and the Wyanet Connection. Four parks or natural areas have been identified in the vicinity of the Eola Main Line Improvements: Asbury Park, Sutton Lake Park, Eola Road Marsh Natural Area, and Night Heron Marsh. These resources are described in more detail in Section 2.8, Parks and Natural Areas. No archaeological resources or historic structures were identified within the Eola Main Line Improvements section of the Project area.

The only Section 4(f) resource in the vicinity of the Wyanet Connection is the Hennepin Canal Parkway State Park, which, at the closest point, is approximately 0.25 mile northeast of the Wyanet Connection. The Hennepin Canal was constructed between 1892 and 1907 to serve barge traffic but was obsolete by the time construction was completed because it was between 20 and 40 feet narrower than the locks it connected (Illinois Department of Natural Resources [IDNR], 2010). The canal was open to boat traffic until 1951 but has been used primarily as a recreational resource since the 1930s (IDNR, 2010). Currently, the canal is one element of the 104.5-mile linear park that includes the Hennepin Canal Trail and crosses five Illinois counties. The Hennepin Canal Parkway State Park has a visitor center near Sheffield, Illinois, and offers picnicking, hiking, bicycling, fishing, boating, canoeing, camping, horseback riding, hunting, snowmobiling, and cross country skiing (IDNR, 2010).

In addition to being a recreational resource, the entire Hennepin Canal is listed in the NRHP. It is "the first American canal built of concrete without stone cut facings," and "some of the innovations pioneered on the Hennepin Canal were probably used on the Panama Canal" (IDNR, 2010). The canal has 33 locks, five of which have been restored to working condition while the rest have been replaced with concrete walls that create waterfalls (IDNR, 2010).

2.9.1 No-Build Alternative

Eola Main Line Improvements

The No-Build Alternative would not result in changes to existing railroad infrastructure or operations. The Eola Main Line Improvements would not be constructed, and no passenger rail service would be added between Chicago and Iowa City. Therefore, the No-Build Alternative would not result in a direct use or proximity impacts on Section 4(f) resources.

Wyanet Connection

The No-Build Alternative would not result in changes to existing railroad infrastructure or operations. The Wyanet Connection would not be constructed, and no passenger rail service would be added between Chicago and Iowa City. Therefore, the No-Build Alternative would not result in a direct use or proximity impacts on Section 4(f) properties.

2.9.2 Preferred Alternative - Two Round-trip Trains per Day

Eola Main Line Improvements

Implementation of the Preferred Alternative would necessitate the construction of the Eola Main Line Improvements and would result in the addition of two-round-trip passenger TPD through the Eola area. There would not be any direct use of Section 4(f) resources because no resource is next to the Eola Main Line Improvements section of the Project area.

Asbury Park, Sutton Lake Park, Eola Road Marsh Natural Area, and Night Heron Marsh were reviewed for the potential for proximity impacts that could result in a constructive use. Construction of the Eola Main Line Improvements would take place entirely within the existing BNSF Eola Yard, an active rail yard. Train traffic would not be moved closer to any of the parks, as the additional main line track constructed would be located within the middle of the yard. Although this track may be visible from Asbury Park, Sutton Lake Park, Eola Road Marsh Natural Area, or Night Heron Marsh, the addition of one track within this large yard would not impact users of these areas. The aesthetics of the area would not change because the action is not introducing a new feature to the viewshed. Noise and vibration in the area would increase during construction but would return to near pre-construction levels with the operation of two additional round-trip TPD. The overall noise and vibration levels in the area north of Eola Yard would increase slightly, but no change would occur south of the yard limits. The slight increases in noise and vibration levels are not anticipated to affect or impair Sutton Lake Park, the only resource north of the Eola Main Line Improvements. The Eola Main Line Improvements are located in an area with major railroad operations and therefore would not result in ecological intrusion. Construction of the Eola Main Line Improvements would not affect

access to Asbury Park, Sutton Lake Park, Eola Road Marsh Natural Area, or Night Heron Marsh.

Although five structures within the vibration and noise contour limits are of sufficient age to warrant additional investigation of their NRHP eligibility, none have been determined eligible. Any potential increase in the noise and vibration would be minor and would not change the basic characteristics of the noise and vibration effects the structures have been exposed to for over 50 years. As discussed in Section 2.4.1, Noise Assessment, and Section 2.4.2, Ground-borne Vibration Assessment, any changes in noise and vibration levels would be so minor that they would be within the modeling margin of error. Access to the five structures would not be altered. Although this track may be visible from these structures, the addition of one track within this large yard would not impact users of these areas. The aesthetics of the area would not change because the action is not introducing a new feature to the viewshed.

Construction of the Eola Main Line Improvements would not result in a direct use or proximity impacts resulting in a significant impairment that would be considered a constructive use.

Wyanet Connection

Implementation of the Preferred Alternative would necessitate the construction of the Wyanet Connection and would result in the addition of two round-trip passenger TPD on the existing BNSF and IAIS rail lines. There would not be any direct use of Section 4(f) properties because no property is within the Wyanet Connection section of the Project area.

The Hennepin Canal Parkway State Park was reviewed for the potential for proximity impacts that could result in a constructive use of a park and a significant historic resource. The construction of the Wyanet Connection would add a rail line north of the existing BNSF and IAIS tracks approximately 350 feet closer to Hennepin Canal Parkway State Park than the existing tracks. This added track, though potentially visible from the Hennepin Canal Parkway State Park, would have a negligible effect on recreational users and would not impact the historic designation of the canal, as there are already train tracks and train traffic in the vicinity on the existing rail lines. The aesthetics of the area would not change because the action is not introducing a new feature to the viewshed. Noise and vibration in the area would increase during construction but would return to near pre-construction levels with the operation of the two additional round-trip TPD. The overall noise and vibration levels in the area would increase slightly but would not affect the Hennepin Canal Parkway State Park except for subtle increases where the BNSF rail line crosses the Hennepin Canal. Construction of the Wyanet Connection would not affect access to the Hennepin Canal Parkway State Park.

Construction of the Wyanet Connection would not result in a direct use or proximity impacts resulting in a significant impairment of Hennepin Canal Parkway State Park that would be considered a constructive use of a park or significant historic resource.

2.9.3 Preferred Alternative - Five Round-trip Trains per Day

Eola Main Line Improvements

The effects of running five round-trip TPD would be similar to those of operating two round-trip TPD, but noise and vibration levels would rise slightly from the increased train traffic. The increases in noise and vibration would not result in a constructive use of the parks, natural areas, or any potentially NRHP-eligible structures in the vicinity of the Eola Main Line Improvements.

Wyanet Connection

The effects of running five round-trip TPD would be similar to those of operating two round-trip TPD, but noise and vibration levels would rise slightly from the increased train traffic. The increases in noise and vibration would not result in a constructive use of the Hennepin Canal Parkway State Park.

2.10 WATERWAYS (STREAM RELOCATION)

Waterways include rivers, perennial streams, and intermittent streams. According to current Clean Water Act (CWA) jurisdictional guidance, a waterway is subject to CWA jurisdiction if the waterway is any of the following (EPA and USACE, December 2, 2008):

- A traditional navigable water, which would include all the waters described in 33 CFR 328.3(a)(1) and 40 CFR 230.3(s)(1)
- A non-navigable, relatively permanent tributary of a traditional navigable water, where the tributary typically flows year-round or has continuous flow at least seasonally (typically three months)
- A non-navigable tributary that is not relatively permanent, but that does contain a significant nexus toward benefiting the chemical, physical, and/or biological integrity of downstream traditional navigable waters

Waterways were documented during a field survey in July 2010 and a technical memorandum was prepared assessing the waterways present in the Eola Main Line Improvements section of the Project area (Attachment 5). This section of the Project area is within the Lower Fox River, hydrologic unit code (HUC) 8 (07120007), within the Town of Aurora sub-basin HUC 12 (071200070107). Aquatic resources within and surrounding it include the perennial southern branch of Indian Creek to the south; several perennial to intermittent, channelized and underground stormwater conveyances (upper headwaters of Indian Creek); Eola and Night Heron Marshes to the southeast; and several stormwater detention ponds to the north. These linear conveyances within the survey area of the Eola Main Line Improvements section connect upstream and offsite Eola and Night Heron Marsh, and several stormwater ponds, downstream to the southern branch of Indian Creek and subsequently to the Fox River.

The southern branch of Indian Creek can be characterized as a typical Midwestern headwater stream that has been heavily influenced by regional suburban and urban development, as well as industrial-commercial development. Within the Eola Main Line Improvements section, aquatic resources are highly channelized to form an interconnected drainage network, which conveys stormwater—generated from both on-and offsite locations—downstream. These linear features have a mixture of perennial,

intermittent, and ephemeral flow regimes. The survey limits used for the field observation in July 2010 include approximately 2,200 linear feet of stream of the southern branch of Indian Creek, and two parallel stormwater conveyances (headwaters of Indian Creek) that consist of approximately 14,500 combined linear feet or 7,100 and 7,400 linear feet, respectively. Total estimated stream/stormwater conveyances within the survey limits of the Eola Main Line Improvements section include approximately 16,700 linear feet.

Pond Creek is present within the Wyanet Connection section of the Project area. Pond Creek, located in the Pond Creek-Big Bureau Creek sub-basin HUC 12 (071300013), is a perennial stream that generally flows from west to east. The creek is a tributary of the Hennepin Canal and is heavily channelized upstream and downstream of this section of the Project area. Within the boundary of this section of the Project area, Pond Creek is entrenched and has steep slopes (INHS, May 5, 2010). The primary land use adjacent to the stream is agriculture, but the riparian zone within this section of the Project area is mostly forested. A field survey of Pond Creek was conducted in July 2010 and the results are documented in Attachment 6.

2.10.1 No-Build Alternative

Eola Main Line Improvements

The No-Build Alternative would not result in changes to existing railroad infrastructure or operations. The Eola Main Line Improvements would not be constructed, and no passenger rail service would be added between Chicago and Iowa City. Therefore, the No-Build Alternative would not impact any waterways within the Project area.

Wyanet Connection

The No-Build Alternative would not result in changes to the existing railroad infrastructure or operations. The Wyanet Connection would not be constructed, and no passenger rail service would be added between Chicago and Iowa City. Therefore, the No-Build Alternative would not impact any waterways within the Wyanet Connection section of the Project area.

2.10.2 Preferred Alternative - Two Round-trip Trains per Day

Eola Main Line Improvements

For the Preferred Alternative - two round-trip TPD scenario, construction of the proposed connection would require a portion (approximately 4,920 linear feet) of linear conveyances to be filled and relocated to a culvert or enclosed conduit. This direct effect would result in an alternation of the current stream and stormwater conveyances. Aquatic communities, including fish, amphibians, and invertebrates, would be affected by the loss of habitat.

Mitigation for the potential impacts on the stormwater drainage features could be accomplished through a combination of on- and offsite restoration. Preliminary analysis of onsite mitigation alternatives was limited due to anthropogenic constraints and the existing use of the section as a railway yard. Onsite mitigation would include replacement of the affected stormwater channels by enclosed conduits, which would maintain the hydraulic capacity and connectivity.

Additional, offsite mitigation could include enhancement of the up-stream Eola and Night Heron Marshes and could include downstream aquatic habitat within the southern branch of Indian Creek. Enhancing aquatic habitat throughout Indian Creek (using in-stream treatments such as cross veins, J-hooks, porous weirs, Newberry riffles, or root wads) would create a more diverse aquatic ecosystem. These structures would be strategically located throughout the creek to optimize their effect on scour and deposition along the creek. Installation of channel treatments would enhance stream substrate and aid in the development of riffle–pool sequencing to restore a more natural width-to-depth ratio. Additionally, exotic plant species (reed canary grass, buckthorn, and honeysuckle) along Indian Creek would be removed and native herbaceous and woody wetland vegetation would be planted to help restore the stream corridor.

IDOT and IDNR met on July 27, 2010 to discuss general concept-level mitigation. IDNR concurred with the general mitigations, understanding that detailed, site-specific mitigation plans would be developed during the tier 2 project level EA (see Attachment 9).

The next step in the development process would be to conduct further tier 2 project level NEPA review of the various project elements. The NEPA review would include the full range of alternatives evaluation, impact assessment, and mitigation development, including permit applications. It is important to note that the detailed engineering and alternatives analysis would be performed concurrent with the NEPA process. In accordance with Section 404 of the CWA, permits issued by USACE include mandatory conditions to mitigate impacts of a proposed action. Mitigations developed for the project would be consistent with these regulatory requirements. Therefore, coordination with all appropriate federal and state agencies, including IDNR and USACE, would occur to identify the best alternatives to avoid, minimize, and mitigate impacts on aquatic resource features.

Wyanet Connection

Construction of the Wyanet Connection would require approximately 2,050 linear feet of Pond Creek to be filled and relocated. This direct effect would result in alternation of the current stream channel and temporary loss of stream habitat. The loss of habitat would impact aquatic communities, including fish, amphibians, and invertebrates. As the railroad embankment is constructed, a new channel would be excavated north of the new embankment.

Indirect effects include impacts both upstream and downstream of the channel relocation. Indirect effects upstream of the Wyanet Connection section of the Project area include impacts on aquatic organism movement and disruption of the current hydrological regime. Construction of the Wyanet Connection may also result in downstream impacts on biota and habitat. During construction, changes in the hydrological flow may cause indirect effects on downstream habitat.

Mitigation for the impacts on Pond Creek could be accomplished by a combination of restoration options, including on-site replacement of the current functions of Pond Creek through development of a more natural channel, off-site enhancement of downstream habitat within the Pond Creek watershed, on-site wetland development within a newly developed riparian corridor, and purchase of stream/wetland mitigation credits from an approved mitigation bank within the service area. Attachment 6 describes Pond Creek and the conceptual mitigation for potential impacts in more detail.

IDOT and IDNR met on July 27, 2010 to discuss general concept-level mitigation. IDNR concurred with the general mitigations. All possible alternatives to avoid, minimize, and compensate for any impacts on Pond Creek, consistent with IDNR and USACE permitting requirements, would be fully evaluated and all appropriate permits would be obtained during the tier 2 project level NEPA review (see Attachment 9).

2.10.3 Preferred Alternative - Five Round-trip Trains per Day

Eola Main Line Improvements

For the Preferred Alternative - five round-trip TPD scenario, impacts would be the same as for the two round-trip TPD scenario.

Wyanet Connection

For the Preferred Alternative - five round-trip TPD scenario, impacts would be the same as for the two round-trip TPD scenario.

2.11 WETLANDS

Waters of the U.S., including wetlands, waterways, lakes, natural ponds, and impoundments are regulated by USACE under Section 404 of the CWA, which requires a permit to authorize the discharge of dredged or fill material into waters of the U.S. (33 USC 1344).

USACE-Chicago District has jurisdiction over wetlands potentially affected by the Eola Main Line Improvements section of the Project area. Illinois EPA is responsible for Section 401 Water Quality Certification for any project requiring a federal permit or license that includes a discharge into a water of the state.

The survey limits for the Eola Main Line Improvements were evaluated for wetlands in July 2010 (HDR, 2010). Wetlands within the survey limits include perennial to intermittent, channelized, and underground stormwater conveyances (upper waters of Indian Creek); palustrine emergent (PEM) wetland, and palustrine forested (PFO) wetland. The PEM wetland located on the western edge of the survey limits is an erosion ditch that flows into the storm sewer system. The PFO wetland was located on the eastern edge of the survey limits along the southern edge of the existing main tracks. The linear conveyances of Indian Creek were discussed further in Section 2.10, Waterways (Stream Relocation).

Table 2.11-1
Wetlands within Survey Limits

Wetlands	Areas within Survey Limits (acres)
PFO	0.4
Linear features ^a	7.9
PEM	0.1
Total Wetlands	8.4

Source: HDR, 2010. Wetland Determination Technical Memo Note:

a Areas include culvert system that flows beneath the rail lines

In addition to the wetland observation within the survey limits, surrounding wetland areas were noted during the field visit and a desktop analysis was conducted (Figure 2.6-1, Eola Main Line Improvements Environmental Constraints).

The Wyanet Connection section of the Project area was evaluated for wetlands in April 2010 (INHS, May 5, 2010). One 4.4-acre palustrine, emergent, semipermanently flooded (PEMF) wetland area was delineated on the northeastern part of this section of the Project area. This wetland was the only National Wetlands Inventory (NWI) wetland mapped for the Wyanet Connection section of the Project area (Figure 2.6-2, Wyanet Connection Environmental Constraints).

2.11.1 No-Build Alternative

Eola Main Line Improvements

The No-Build Alternative would not result in changes to the existing railroad infrastructure or operations. The Eola Main Line Improvements would not be constructed, and no passenger rail service would be added between Chicago and Iowa City. Therefore, the No-Build Alternative would not affect wetlands within the Eola Mainline Improvements section of the Project area.

Wyanet Connection

The No-Build Alternative would not result in changes to the existing railroad infrastructure or operations. The Wyanet Connection would not be constructed, and no passenger rail service would be added between Chicago and Iowa City. Therefore, the No-Build Alternative would not affect wetlands within the Wyanet Connection section of the Project area.

2.11.2 Preferred Alternative - Two Round-trip Trains per Day

Eola Main Line Improvements

Construction of the proposed Eola Main Line Improvements would impact approximately 1.7 acres of wetlands based on preliminary design. This direct effect would alter the current stream and stormwater conveyances.

Mitigation for the Eola Main Line Improvements could occur on site or off site. Onsite mitigation would include replacement of the affected stormwater channels where practical. Additional, offsite mitigation could include enhancement of upstream Eola and Night Heron Marshes. Detailed, site-specific mitigation plans would be developed during the tier 2 project level NEPA analysis. The tier 2 project level EA would include a full range of alternatives, impact assessment, and mitigation development, including permit applications. Therefore, coordination with all appropriate federal and state agencies, including IDNR, would occur to identify the best alternatives to avoid, minimize, and mitigate impacts on wetland resources.

Wyanet Connection

The two-round trip TPD scenario would not impact the 4.4 acre PEMF wetland site within the northeastern part of the Wyanet Connection section of the Project area. The existing alignment would be used within the wetland area. Any potential temporary impacts would be minimized by using best management practices (BMPs) and by following state standards for any culvert placement or replacement within this section of the Project area.

2.11.3 Preferred Alternative - Five Round-trip Trains per Day

Eola Main Line Improvements

For the five round-trip TPD scenario, impacts would be the same as for the two round-trip TPD scenario.

Wyanet Connection

For the five round-trip TPD scenario, impacts would be the same as for the two round-trip TPD scenario.

2.12 WATER QUALITY

Surface water is protected through several acts and regulations. Impacts on water resources are evaluated in accordance with CWA (33 USC 1251 et seq.) and Executive Order (EO) 12088, Federal Compliance with Pollution Control Standards (published at 43 FR 477707).

The Eola Main Line Improvements section of the Project area is located within the Lower Fox River Watershed, which covers a total of 701,195 acres in Kane, DuPage, DeKalb, Kendall, and LaSalle counties (Illinois EPA, 2010a). The major stream in this watershed is the Fox River, located east of the Eola Main Line Improvements section of the Project area. Within the proposed improvements, several unnamed drainages of Indian Creek flow parallel to each other and south, crossing the western extent of this section of the Project area through a culvert system. The drainages flow into Indian Creek, which continues west, flowing into the Fox River. Water resources adjacent to this section of the Project area also include several detention areas and marshes that provide natural treatment and retention of stormwater runoff from residential areas.

Water quality of streams within Illinois can be assessed by consulting the Illinois EPA Integrated Water Quality Report and Section 303(d) list of Impaired Waters (Illinois EPA, 2010b). According to the 2010 303(d) list, Indian Creek was not assessed as part of the study. The Fox River (HUC 072100701) was assessed for use attainment and was not supporting aquatic life, fish consumption, public and food processing water supplies, and primary contact. See the following table.

Table 2.12-1 2010 Illinois EPA 303(d) List – Specific Assessment information for Fox River

Name	Assessment Unit ID	10-Digit HUC	Illinois EPA Basin	Cat.	Size (miles)	Use Attainment ^a	Causes	Sources
Fox River	IL_DT-03	0712000701	4	5	7.39	N582, N583, N585, X586, X590	Aldrin, other flow regime alterations, dissolved oxygen, sedimentation/siltation, total suspended solids (TSS), total phosphorus, aquatic algae, mercury, polychlorinated biphenyls, fecal coliform	Contaminated sediments, impacts from hydrostructure flow regulations/modification, dam or impoundment, agriculture, urban runoff/storm sewers, municipal point discharges, toxics, source unknown
Fox River	IL_DT-09	0712000701	4	5	8.11	N582, N583, N585, X586, X590	Alteration in stream-side or littoral vegetative cover, hexachlorobenzene, methocychlor, other flow regime alterations, total phosphorus, aquatic algae, polychlorinated biphenyls, fecal coliform	Streambank modification/destabilization, contaminated sediments, impacts from hdyrostructure flow regulation/modification, dam or impoundment, municipal point discharges, source unknown, combined sewer overflows, urban runoff/storm sewers
Fox River	IL_DT-38	0712000701	4	5	10.83	N582, N583, N584, N585, X586, X590	Alteration in stream-side or littoral vegetative cover, other flow regime alterations, TSS, total phosphorus, aquatic algae, mercury, polychlorinated biphenyls, chloride, fecal coliform	Streambank modification/destabilization, impacts from hydrostructure flow regulations/modification, dam or impoundment, combined sewer overflows, urban runoff/storm sewers, municipal point discharges, toxics, source unknown
Fox River	IL_DT-58	0712000701	4	5	3.74	N582, N583, X585, X586, X590	Alteration in stream-side or littoral vegetation covers, other flow regime alterations, dissolved oxygen, mercury, polychlorinated biphenyls	Streambank modification/destabilization, impacts from hydrostructure flow regulation/modification, toxics, source unknown

Notes:

^a N= not supporting; X = not assessed; 582 = not supporting aquatic life; 583 = fish consumption; 584 = public and food processing water supplies; 585 = primary contact.

For the Wyanet Connection section of the Project area, as discussed in Attachment 6, according to the 2010 303(d) list, Pond Creek was not assessed as part of the 2010 that report (Illinois EPA 2010b). West Bureau Creek was assessed as fully supporting aquatic life and not supporting primary contact for fecal coliform. The source of the fecal coliform impairment is unknown. See the following table.

Table 2.12-2 2010 Illinois EPA 303(d) List – Specific Assessment Information for Pond Creek

Name	Assessment Unit ID	10-Digit HUC	Illinois EPA Basin	Cat.	Size (miles)	Use Attainment ^a	Causes ^b	Sources ^c
Pond Creek	IL_DQDA	0713000107	11	3	10.16	X582, X583, X585, X586, X590	N/A	N/A
West Bureau Creek	IL_DQD-01	0713000104	11	5	23.57	F582, X583, N585, X586, X590	400	140

Notes:

The alterations to Pond Creek may affect water quality. Impacts both upstream and downstream of the channel relocation would occur during construction and relocation of the channel. Section 2.10, Waterways (Stream Relocation), describes the nature of the anticipated impacts to waterways which have the potential to impact water quality.

The major potential causes of impairment within Illinois streams are fecal coliform bacteria impairing swimming (582-primary contact) use, mercury and polychlorinated biphenyls (PCBs) in fish tissue impairing (583-fish consumption) use, and low dissolved oxygen, high nutrients, excessive siltation, physical habitat alterations, and high suspended solids which impair (585-aquatic life) use (Illinois EPA, 2010).

A tier 2 project level NEPA document would be developed as part of the process. During the tier 2 project level evaluation, environmental surveys would be conducted at a more defined scale. A detailed alternative analysis would also be completed to determine if any further avoidance or minimization of impacts could occur. All possible alternatives to avoid, minimize, and compensate for any impacts on Pond Creek would be fully evaluated, and all appropriate permits would be obtained after completion of the tier 2 project level NEPA document.

2.12.1 No-Build Alternative

Eola Main Line Improvements

The No-Build Alternative would not result in changes to existing railroad infrastructure or operations. The Eola Main Line Improvements would not be constructed, and no passenger rail service would be added between Chicago and Iowa City. Therefore, the No-Build Alternative would not affect current water quality within the Eola Main Line Improvements section of the Project area.

^a $X = not \ assessed$; $F = fully \ supporting$; $N = not \ supporting$; $582 = primary \ contact$; $583 = fish \ consumption$; $585 = aquatic \ life$; $586 = secondary \ contact$; $590 = aesthetic \ quality$.

^b $N/A = not \ applicable; 400 = above \ threshold for \ supporting \ primary \ contact for fecal \ coliform.$

^b 140 = source of fecal coliform unknown.

Wyanet Connection

The No-Build Alternative would not result in changes to existing railroad infrastructure or operations. The Wyanet Connection would not be constructed, and no passenger rail service would be added between Chicago and Iowa City. Therefore, the No-Build Alternative would not affect water quality within the Wyanet Connection section of the Project area.

2.12.2 Preferred Alternative - Two Round-trip Trains per Day

Eola Main Line Improvements

No permanent water quality impacts are anticipated for the Eola Main Line Improvements. Temporary impacts would occur from the realignment of drainages and placement of any culverts along the new alignment. Temporary impacts on water quality would cease after construction was completed. Temporary impacts on water resources would be minimized by the use of BMPs. Discharge of stormwater during construction would be addressed under National Pollutant Discharge Elimination System (NPDES) permitting and with BMPs. Furthermore, Section 401 quality certifications for construction would be obtained from Illinois.

Construction of the Eola Main Line Improvements is expected to result in the disturbance of 1 or more acres of total land area and, accordingly, is subject to the requirement for an NPDES permit for stormwater discharges from the construction sites. Permit coverage would be obtained either under the Illinois EPA General Permit for Stormwater Discharges from Construction Site Activities (NPDES Permit No. ILR10) or under an individual NPDES permit. Requirements applicable to such a permit would be followed, including the preparation of a Stormwater Pollution Prevention Plan. Such a plan shall identify potential sources of pollution which may reasonably be expected to affect the quality of stormwater discharges from the construction site, and shall describe and ensure the implementation of practices which would be used to reduce the pollutants in discharges associated with construction site activity and to ensure compliance with the terms of the permit.

Operation and maintenance activities along the Eola Main Line Improvements section would be similar to activities along the rest of the proposed alignment. Possible negative effects of improper maintenance include erosion and siltation and the overuse or spill of herbicides. The risks for these potential effects on the Eola Main Line Improvements would be similar to those for the rest of the proposed alignment.

Construction of the Eola Main Line Improvements is not expected to create any new pathways for groundwater pollution or any new potential sources of groundwater pollution, as defined in the Illinois Environmental Protection Act (415 Illinois compiled Statutes [ILCS] 5/3 et seq.). Accordingly, the Eola Main Line Improvements are not subject to compliance with the minimum setback requirements for community water supply wells or other potable water supply wells as set forth in 415 ILCS 5/14 et seq.

Wyanet Connection

The two-round trip TPD scenario is not expected to result in permanent water quality impacts in the Wyanet Connection section of the Project area. Temporary impacts would occur from stream realignment and placement of any culverts along the new alignment. Temporary impacts on water quality would cease after construction was completed.

Temporary impacts on water resources would be minimized by the use of BMPs. Discharge of stormwater during construction would be addressed under NPDES permitting and with BMPs. Furthermore, Section 401water quality certifications for construction would be obtained from Illinois EPA.

Construction of the Wyanet Connection is expected to result in the disturbance of 1 or more acres of total land area and, accordingly, is subject to the requirement for an NPDES permit for stormwater discharges from the construction sites. Permit coverage would be obtained either under the Illinois EPA General Permit for Stormwater Discharges from Construction Site Activities (NPDES Permit No. ILR10) or under an individual NPDES permit. Requirements applicable to such a permit would be followed, including the preparation of a Stormwater Pollution Prevention Plan. Such a plan shall identify potential sources of pollution which may reasonably be expected to affect the quality of stormwater discharges from the construction site and shall describe and ensure the implementation of practices which would be used to reduce the pollutants in discharges associated with construction site activity and to ensure compliance with the terms of the permit. Operation and maintenance activities along the Wyanet Connection would be similar to those for the remainder of the proposed alignment. Possible negative effects of improper maintenance include erosion and siltation and the overuse or spill of herbicides. The risks of these potential effects on the Wyanet Connection section of the Project area would be similar to the rest of the proposed alignment.

Construction of the Wyanet Connection is not expected to create new pathways for groundwater pollution or any new potential sources of groundwater pollution, as defined in the Illinois Environmental Protection Act (415 ILCS 5/3 et seq.). Accordingly, the Wyanet Connection is not subject to compliance with the minimum setback requirements for community water supply wells or other potable water supply wells as set forth in 415 ILCS 5/14 et seq.

2.12.3 Five Round-trip Trains per Day

Eola Main Line Improvements

Implementation of the ultimate service level envisioned by the Midwest Regional Rail Initiative (MWRRI) (five round-trip TPD) would result in the same impacts on water quality as those for the two round-trip TPD scenario. However, when capacity is increased from two to five round-trip TPD, additional trains on the track may slightly increase the risk of any hazardous material spills.

Wyanet Connection

Implementation of the ultimate service level envisioned by the MWRRI (five round-trip TPD) would result in the same temporary impacts on water quality during construction of the Wyanet Connection as the two round-trip TPD scenario. However, when capacity is increased from two to five round-trip TPD, additional trains on the track may slightly increase the risk of any hazardous material spills.

2.13 FLOODPLAINS

The Federal Emergency Management Agency (FEMA) has mapped floodplains and a floodway for Indian Creek and the South Tributary of Indian Creek in Kane and Du Page counties within the Eola Main Line Improvements section of the Project area as shown on the current FEMA Flood Insurance Rate Maps (FEMA, August 3, 2009; FEMA,

December 16, 2004). Portions of these streams have been designated as Zone A and Zone AE. Zone A is defined as areas with a 1 percent annual chance of flooding in which no base flood elevations have been determined and no floodway has been defined. Zone AE is defined as areas with a 1 percent annual chance of flooding where base flood elevations are provided and a floodway is defined. The Illinois State Water Survey has classified Indian Creek as at high risk for flooding (Illinois State Water Survey, June 2008). Within the Eola Main Line Improvements section of the Project area, floodplain boundaries include approximately 2,300 feet of the existing main line tracks.

FEMA has mapped floodplains for Pond Creek within the Wyanet section of the Project area and Hennepin Canal near this section of the Project area (FEMA, June 15, 1984). Both of these streams have been designated as Zone A as shown on the current FEMA Flood Insurance Rate Maps (FEMA, June 15, 1984). Zone A is defined as areas with a 1 percent annual chance of flooding in which no base flood elevations have been determined and no floodway has been defined. The Illinois State Water Survey has classified Pond Creek as a low risk for flooding (Illinois State Water Survey, June 2008). Within the Project area, approximately 2,100 feet of the existing IAIS line is within the floodplain; the railroad track is built up about 15 feet above the floodplain.

2.13.1 No-Build Alternative

Eola Main Line

The No-Build Alternative would not result in changes to existing railroad infrastructure or operations. The Eola Main Line Improvements would not be constructed, and no passenger rail service would be added between Chicago and Iowa City. Therefore, floodplains would not be affected within the Eola Main Line Improvements section of the Project area.

Wyanet Connection

The No Build Alternative would not result in changes to existing railroad infrastructure or operations. The Wyanet Connection would not be constructed, and no passenger rail service would be added between Chicago and Iowa City. Therefore, floodplains would not be affected within the Eola Main Line Improvements section of the Project area.

2.13.2 Preferred Alternative - Two Round-trip Trains per Day

Eola Main Line

The Eola Main Line Improvements would be constructed if the Preferred Alternative is selected. Approximately 2,300 feet of the 13,500-foot main line improvements would be constructed in the existing floodplain. Construction of the crossover track at West Eola would intersect approximately 160 feet of the Indian Creek floodplain. Approximately 500 feet of existing track would be removed from the floodplain near the southern edge of Eola Yard east of McClure Road. Approximately 4,920 feet of the stormwater conveyances would be relocated to construct the proposed Eola Main Line Improvements (see Section 2.10, Waterways (Stream Relocation)). The floodway of Indian Creek and the South Tributary of Indian Creek would not be affected. Impacts on the stream and floodplain would be mitigated as the design process advances and would be further assessed in a tier 2 project level EA. A floodplain permit from Kane and Du Page counties would be required (Du Page County Department of Economic Development and Planning, August 1, 2008; Kane County Stormwater Management, January 1, 2005).

The new stream channels would be designed in accordance with regulatory requirements (as specified in 17 Illinois Administrative Code 3706) for flood heights, flood velocities, average channel velocity, and prevention of scour, erosion, and sedimentation. The length and location of the proposed relocation of the South Tributary of Indian Creek and associated drainage conveyances would be determined during the design process. In accordance with 17 Illinois Administrative Code 3706, the proposed Eola Main Line Improvements would be elevated at least 1.0 foot above the base flood elevation. Hydraulic modeling would be performed to verify that the proposed construction would not cause more than 0.1 foot rise from the existing 100-year water surface profile to meet the requirements for an urban area, as specified in 17 Illinois Administrative Code 3700.60. In accordance with FEMA guidelines (44 CFR 70), a letter of map revision would be submitted to FEMA for approval.

The modifications to drainage structures included in the Eola Main Line Improvements Project would result in an insignificant change in their capacity to carry flood water. This change would cause a minimal increase in flood heights and flood limits. These minimal increases would not result in any significant adverse impacts on the natural and beneficial flood plain values; they would not result in any significant change in flood risks or damage; and they do not have significant potential for interruption or termination of emergency service or emergency evacuation routes; therefore, it has been determined that this encroachment is not significant.

Wyanet Connection

The Wyanet Connection would be constructed if the Preferred Alternative is selected. Approximately 2,400 feet of the 4,000-foot connection would be constructed in the existing floodplain. Approximately 2,050 feet of Pond Creek would be relocated to construct the proposed Wyanet Connection (see Section 2.10.2). The drainage area of Pond Creek upstream of the Project area is more than 10 square miles; in accordance with 17 Illinois Administrative Code 3700 and 3706, an IDNR floodplain permit would be needed to relocate the stream and construct the Wyanet Connection. After the floodplain permit is reviewed by the state, a copy of the permit would be sent to the Bureau County Emergency Service and Disaster Administration for their review. The county's requirements are based on state requirements (Bureau County, July 2, 2010). The new stream channel would be designed in accordance with regulatory requirements (as specified in 17 Illinois Administrative Code 3700 and 3706) for flood heights, flood velocities, average channel velocity, and prevention of scour, erosion, and sedimentation. The length and location of the proposed relocation of Pond Creek would be determined during the design process. In accordance with 17 Illinois Administrative Code 3706, the Wyanet Connection would be elevated above the base flood elevation; Pond Creek would flow through a culvert under the Connection. Hydraulic modeling would be performed to verify that the proposed construction would not cause more than 0.5 foot rise from the existing 100-year water surface profile to meet the requirements for a rural area, as specified in 17 Illinois Administrative Code 3700.60. In accordance with FEMA guidelines (44 CFR 70), a letter of map revision would be submitted to FEMA for approval.

The modifications to drainage structures included in the Wyanet Connection project would result in an insignificant change in their capacity to carry flood water. This change

would cause a minimal increase in flood heights and flood limits. These minimal increases would not result in any significant adverse impacts on the natural and beneficial flood plain values; they would not result in any significant change in flood risks or damage; and they do not have significant potential for interruption or termination of emergency service or emergency evacuation routes; therefore, it has been determined that this encroachment is not significant.

2.13.3 Preferred Alternative - Five Round-Trip Trains per Day

Eola Main Line

The effects of running five round-trip TPD would be similar to the conditions for the two round-trip TPD operations. Impacts on the floodplain from constructing the Eola Main Line Improvements would be the same as under the two round-trip TPD scenario.

Wyanet Connection

The effects of running five round-trip TPD would be similar to the conditions for the two round-trip TPD operations. Impacts on the floodplain from constructing the Wyanet Connection would be the same as under the two round-trip TPD scenario.

2.14 THREATENED AND ENDANGERED SPECIES

This section describes the potential presence of threatened and endangered species in or near the Eola Main Line Improvements. The potential presence of threatened and endangered species in or near the Wyanet Connection was addressed in Section 3.17, Threatened and Endangered Species, of the September 2009 Service Level EA. In July 2010, INHS completed a preliminary assessment of the prairie remnants in the vicinity of the Wyanet Connection (Attachment 11), described in Section 2.8, Parks and Natural Areas. The INHS survey indicates there are no federally or state-listed species present. Detailed site-specific botanical surveys for federally and state-listed species would be conducted during the tier 2 project level evaluation process.

The U.S. Endangered Species Act (ESA) of 1973 (16 USC 1531 et seq.) is the primary legislation that provides protections to threatened and endangered species in the United States. The ESA is administered by the U.S. Fish and Wildlife Service (USFWS), which has a key responsibility in managing species designations and protections granted under the ESA. As defined by the ESA, endangered refers to species that are "in danger of extinction within the foreseeable future throughout all or a significant portion of [their] range," while threatened refers to "those animals and plants likely to become endangered within the foreseeable future throughout all or a significant portion of their ranges" (16 USC 1531 et seq.). Plant species and varieties (including fungi and lichens), animal species and subspecies, and vertebrate animal populations are eligible for listing under the ESA.

State regulatory agencies can grant additional protection to federally listed species or designate protection to other species with a range within the state. The Illinois Endangered Species Board advises IDNR on state-listed threatened and endangered species.

In addition to ESA protection, the Migratory Bird Treaty Act (MBTA) and the Bald and Golden Eagle Protection Act (BGEPA) were implemented to offer protection to avian species. The MBTA makes it unlawful to pursue, hunt, take, capture, kill, or sell migratory birds. BGEPA prohibits anyone, without a permit issued by the Secretary of

the Interior, from taking bald eagles, including their parts, nests, or eggs. BGEPA provides criminal penalties for persons who "take, possess, sell, purchase, barter, offer to sell, purchase or barter, transport, export or import, at any time or any manner, any bald eagle ... [or any golden eagle], alive or dead, or any part, nest, or egg thereof." This also pertains to impacts that result from human-induced alterations initiated around a previously used nest site during a time when eagles are not present, if, upon the eagle's return, such alterations agitate or bother an eagle to a degree that interferes with or interrupts normal breeding, feeding, or sheltering habits, and causes injury, death or nest abandonment. Impacts on migratory birds, bald eagles, and golden eagles would be evaluated further in the tier 2 project level NEPA documents. The primary means for mitigating potential impacts on migratory birds, bald eagles, and golden eagles would be scheduling construction to minimize impacts.

2.14.1 Two Round-Trip Trains per Day

Eight federally listed endangered, threatened, or candidate species are identified as occurring within DuPage and Kane Counties. Three species are state-listed within the Eola Main Line Improvements section of the Project area. Table 2.14-1 summarizes those species and their status. A survey to characterize the affected environment for aquatic resources was conducted June 30, 2010. Habitat for these species is not likely present within the Eola Main Line Improvements section of the Project area (HDR, 2010). This section of the Project area is a rail yard for BNSF railroad, and the surface is primarily covered with gravel or trackage and its associated elements (such as ties and ballast). The Eola Main Line Improvements would impact one perennial drainage feature, which flows through the yard; however, the drainage feature is heavily channelized, contains little to no riparian buffer, and provides little habitat for wildlife. Night Heron Marsh and Eola Road Marsh, two protected natural areas adjacent to Eola Yard, may contain habitat for some protected species. Noise and disturbance from construction of the new main line track is anticipated to have little effect on these areas as heavy traffic is commonplace for the yard.

Table 2.14-1
Federally Listed or Candidates for Listing Threatened and Endangered Species within the Eola Main Line Improvements Section of the Project Area

Common Name	Scientific Name	Status	General Habitat Type
Prairie Bush Clover	Lespedeza leptostachya	Threatened	Native prairie
Eastern Prairie Fringed Orchid	Platanthera leucophaea	Threatened	Wet or mesic prairie
Indiana Bat	Myotis sodalist	Endangered	Edge of hardwood forests (summer) mines/caves (winter)
Sheepnose Mussel	Plethobasus cyphyus	Candidate	Medium to large rivers with sand or gravel substrate
Eastern Massasauga	Sistrurus c. catenatus	Candidate	Wet prairies
Hine's Emerald Dragonfly	Somatochlora hineana	Endangered	Calcareous spring-fed marshes and sedge meadows
Leafy-prairie Clover	Dalea foliosa	Endangered	Prairie remnants along the Des Plains River in Illinois
Mead's Milkweed	Asclepias meadii	Threatened	Mesic to dry mesic upland tallgrass prairie

Common Name	Scientific Name	Status	General Habitat Type
Yellow-headed Blackbird	Xanthocephalus xanthocephalus	State Endangered	Prairie wetlands, usually dominated by cattail.
Common Moorhen	Gallinula chloropus	State Endangered	Large areas of open water
Black Crowned Night Heron	Nycticorax nycticorax	State Endangered	Marshes, ponds, streams or rivers; avoiding open, exposed areas

Source: http://www.fws.gov/midwest/endangered/lists/illinois-cty.html

The potential effects that the operation of the new passenger rail service would have on any threatened, endangered, or candidate species are discussed in Section 3.17 of the September 2009 Service Level EA.

Tree and brush clearing is expected to occur to improve crossing site distance for both vehicle and train traffic. This work would be conducted during specific time periods to comply with MBTA and BGEPA. Specific time intervals and locations requiring clearing would be identified during the tier 2 project level NEPA analysis. The potential for affecting threatened and endangered species, along with potential mitigation measures, would be evaluated in detail in the tier 2 project level NEPA analysis for the Eola Main Line Improvements. Any potential impacts on threatened and endangered species identified during the tier 2 project level analysis would be minimized through the use of BMPs and timing restrictions.

2.14.2 Five Round-Trip Trains per Day

At the five round-trip TPD, the same species would have the potential to be affected as under the initial two round-trip TPD scenario. However, when capacity is increased from two to five round-trip TPD, additional operational modifications would be required and would have the potential to impact threatened and endangered species. The most current federally and state-listed species lists would need to be reviewed for the addition or removal of any of the species listed in Table 2.14-1, above.

September 2009 Service Level EA Errata

The table reference on page 3-73 was incorrect. The correct reference is Table 3.17-1, updated below to include the Eastern Massasauga rattlesnake and the Sheepnose mussel:

Table 3.17-1 Federally Listed, Threatened, and Endangered Species within the Project Area

Common Name	Scientific Name	Status	State
Western prairie fringed orchid	Platanthera praeclara	Threatened	IA
Eastern Massasauga rattlesnake	Sistrurus c. catenatus	Candidate	IA
Sheepnose mussel	Plethobasus cyphyus	Candidate	IA
Prairie bush clover	Lespedeza leptostachya	Threatened	IA, IL
Eastern prairie fringed orchid	Platanthera leucophaea	Threatened	IA, IL
Indiana bat ^a	Myotis sodalist	Endangered	IA, IL
Higgin's-eye pearlymussel	Lampsilis higginsii	Endangered	IA, IL
Decurrent false aster	Boltonia decurrens	Threatened	IL
Piping plover	Charadrius melodus	Endangered	IL
Hine's emerald dragonfly	Somatochlora hineana	Endangered	IL

Common Name	Scientific Name	Status	State
Leafy-prairie clover	Dalea foliosa	Endangered	IL
Mead's milkweed	Asclepias meadii	Threatened	IL
Lakeside daisy	Hymenopsis herbacea	Threatened	IL

Sources: Illinois – http://www.fws.gov/midwest/endangered/lists/illinois-cty.html and

Iowa – http://www.fws.gov/midwest/endangered/lists/iowa_cty.html

U.S. Fish and Wildlife Service letter, October 16, 2009

Note:

2.15 Construction Impacts

Impacts from construction of the Eola Main Line Improvements and Wyanet Connection would be temporary. The time required for construction impacts to dissipate varies by the type of construction activity and resources affected. Construction activities include noise and air emissions from construction vehicles, potential erosion caused by grading, and the physical and visual disruption caused by the presence of construction crews and equipment. Most construction impacts cease immediately with completion of construction.

2.15.1 No-Build Alternative

Eola Main Line Improvements

The No-Build Alternative would not result in changes to existing railroad infrastructure or operations. The Eola Main Line Improvements would not be constructed, and no passenger rail service would be added between Chicago and Iowa City. Therefore, no construction impacts would be associated with the No-Build Alternative except for ongoing maintenance and other regularly scheduled activities.

Wyanet Connection

The No-Build Alternative would not result in changes to existing railroad infrastructure or operations. The Wyanet Connection would not be constructed, and no passenger rail service would be added between Chicago and Iowa City. Therefore, no construction impacts would be associated with the No-Build Alternative except for ongoing maintenance and other regularly scheduled activities.

2.15.2 Preferred Alternative - Two Round-trip Trains per Day

Eola Main Line Improvements

The Eola Main Line Improvements section of the Project area is located entirely within existing railroad ROW. As discussed in Section 3.19, Construction Impacts, of the September 2009 Service Level EA, ground disturbance may result in the removal of vegetation from some areas, and BMPs would be implemented to minimize both wind and water erosion of exposed soil. Areas would be revegetated as soon as practicable to maintain long-term stability. In addition to some vegetation removal, construction of the Eola Main Line Improvements would have both temporary and long-term impacts on the waterway within Eola Yard. The long-term impacts on this waterway are discussed in Section 2.10, Waterways (Stream Relocation). Although natural areas are adjacent to Eola Yard, most of the work would take place within the yard, so no direct construction impacts would occur. In addition, BMPs would be implemented to minimize indirect effects.

¹ Critical habitat has been designated in LaSalle County, Illinois.

Construction of the Eola Main Line Improvements would not affect local transportation patterns, other than minor, temporary traffic increases from construction crews. The work would be confined to the existing Eola Yard and would not impact any roadways or atgrade roadway crossings. In addition, because Eola Yard is a highly active yard that is currently operating, any track closures would need to be kept as short as possible to allow continued train operations.

The equipment necessary to perform construction activities would also have a temporary impact on air quality and noise in the immediate vicinity of the yard, but these impacts would cease immediately with completion of construction.

At this time, it is not feasible to evaluate all of the construction impacts as they are dependent on final design and the BMPs employed by the construction contractor. The implementation of BMPs would minimize, to the extent practicable, impacts related to staging areas and to the stockpiling and storing of equipment and materials. Construction timing, methods, equipment, and disposal sites would be determined during final design with input from the construction contractor. As discussed in Section 2.12, Water Quality, an NPDES construction permit and stormwater pollution prevention plan would be required. Other permits would be identified and applied for prior to construction. All necessary permits and approvals for the Eola Main Line Improvements would be acquired, and implementation of their requirements would help minimize construction impacts.

Wyanet Connection

The Wyanet Connection section of the Project area is the largest construction area outside of the existing railroad ROW along the length of the Preferred Alternative. As discussed in Section 3.19, Construction Impacts, of the September 2009 Service Level EA, ground disturbance would result in the removal of vegetation from some areas, and BMPs would be implemented to minimize both wind and water erosion of exposed soil. Areas would be revegetated as soon as practicable to maintain long-term stability. In addition to vegetation clearing, construction of the Wyanet Connection would have both temporary and long-term impacts on Pond Creek and temporary impacts on floodplains. The long-term impacts on Pond Creek are discussed in Section 2.10, Waterways (Stream Relocation). The adjacent prairie areas would be protected from indirect effects through the implementation of BMPs.

Construction of the Wyanet Connection would not affect local transportation patterns because it would not impact any roadways or at-grade roadway crossings other than by causing temporary traffic increases from construction crews. In addition, because the railroads are currently operating, any track closures would need to be kept as short as possible to allow continued train operations.

The equipment necessary to perform construction activities would have a temporary impact on air quality and noise in the immediate vicinity of construction, but these impacts would cease immediately with completion of construction.

At this time, it is not feasible to evaluate all of the construction impacts as they are dependent on final design and the BMPs employed by the construction contractor. The implementation of BMPs would minimize, to the extent practicable, impacts related to staging areas and to the stockpiling and storing of equipment and materials. Construction

timing, methods, equipment, and disposal sites would be determined during final design with input from the construction contractor. As discussed in Section 2.12, Water Quality, an NPDES construction permit and a stormwater pollution prevention plan would be required. Other permits would be identified and applied for prior to construction. All necessary permits and approvals for the Wyanet Connection would be acquired, and implementation of their requirements would minimize construction impacts.

2.15.3 Preferred Alternative - Five Round-trip Trains per Day

Eola Main Line Improvements

Implementation of the ultimate service level envisioned by the MWRRI (five round-trip TPD) would affect only the operational environment and would not require any additional construction in the Eola Main Line Improvements section of the Project area. Therefore, construction impacts would be identical to those projected for two round-trip TPD.

Wyanet Connection

Implementation of the ultimate service level envisioned by the MWRRI (five round-trip TPD) would affect only the operational environment and would not require any additional construction in the Wyanet Connection section of the Project area. Therefore, construction impacts would be identical to those projected for two round-trip TPD.

2.16 SUMMARY OF IMPACTS

This summary of impacts includes the summary presented in Section 3.22, Summary of Impacts, of the September 2009 Service Level EA. It also incorporates information presented in Sections 2.3, Transportation, through 2.15, Construction Impacts.

Route A (the Preferred Alternative) is the environmentally preferable alternative; when compared to the Route B Alternative it requires fewer miles of track improvements, is a shorter and faster route, would provide better ridership, and would provide more environmental benefits.

The Route A Alternative is 219 miles long and would require approximately 102 miles of track upgrade, whereas the Route B Alternative is 238 miles long and would require 196 miles of track upgrade. Route A would attract a projected ridership of 187,000 compared to 147,000 on Route B. The Route A Alternative is projected to divert 117,000 vehicle trips, 16,000 bus passenger trips, and 42,000 plane passengers per year, reducing fuel usage and non-passenger rail transportation system congestion in the Project area. The Route B Alternative is projected to divert 92,000 vehicle trips, 12,000 bus passenger trips, and 33,000 plane passengers per year, reducing fuel usage and nonpassenger rail transportation system congestion to a lesser extent than the Route A Alternative. Under the No-Build Alternative, traffic congestion would continue to worsen.

Both the Route A and Route B alternatives would provide economic benefits through job creation, the potential for joint development, and increased economic activity. There would be no disproportionate impacts on minorities and low-income populations. The passenger rail service would provide increased mobility and employment opportunities throughout the Project area. These improvements would not be realized, and socioeconomic conditions would not change under the No-Build Alternative.

In general, under both build alternatives, existing adjacent land uses would likely continue and future land use patterns would not change. The proposed Amtrak station in Moline is expected to enhance transportation-oriented development adjacent to the rail line at an existing bus station. Construction of the Wyanet Connection for the Route A Alternative would require the acquisition of approximately 7 acres of land, including approximately 2 acres of farmland. Land use would not change under the No-Build Alternative.

Both build alternatives would improve public health and safety by upgrading grade crossing signal equipment and providing a safe, efficient modal choice for travel from Chicago to Iowa City, through the Quad Cities. Under both build alternatives, noise impacts would increase; the areas affected between Chicago and Wyanet would differ, but the total number of impacts would be approximately the same. The safety benefits provided by the build alternatives would not be realized under the No-Build Alternative. Noise conditions would not change under the No-Build Alternative.

The Route A Alternative would reduce annual emissions of HC and CO to a greater extent (7 tons and 199 tons, respectively) compared to the Route B Alternative (5 tons and 155 tons, respectively). Under both build alternatives, annual emissions of NO_x, PM-10, and PM-2.5 would increase. Under the No-Build Alternative, emissions of pollutants generated by vehicles and planes are expected to increase with anticipated worsening congestion.

Fewer hazardous material sites exist near the Route A Alternative (approximately 239 sites compared to 364 sites near the Route B Alternative). The No-Build Alternative would not be affected by hazardous material sites. The safety of hazardous material transportation by freight trains would improve under both build alternatives because of track and crossing upgrades but would remain unchanged under the No-Build Alternative.

No impacts on cultural resources, parks, or INAI sites are expected under either build alternative. Construction of the Wyanet Connection under the Route A Alternative would impact approximately 0.20 acre of native prairie and 2.2 acres of a planted prairie. The tier 2 project level NEPA process would include additional analysis for avoidance, minimization, and mitigation for the impacts on prairie. Additional specific analysis would also take place during the tier 2 project level NEPA evaluation for each of the specific projects listed in Section 4.0, Next Steps.

The Route A Alternative would cross approximately 120 waterways, compared to 128 crossed by the Route B Alternative. Based on a review of the NWI, there are 144 wetlands within 100 feet of the Route A Alternative and 263 wetlands within 100 feet of the Route B Alternative. The Eola Main Line Improvements, which are required only for the Route A Alternative, would impact approximately 4,920 feet of linear stormwater conveyances associated with the headwaters of Indian Creek. The Wyanet Connection, which is required only for the Route A Alternative, would include work outside of the existing ROW, including the relocation of 2,050 feet of Pond Creek. The tier 2 project level NEPA evaluations for the Eola Main Line Improvements and the Wyanet Connection would include a full range of alternatives, impact assessment, and

mitigation development, as well as permit applications, to minimize the impact on these waterways to the extent practical.

Both build alternatives would cross several floodplains, but impacts would be temporary and would cease when construction is completed. During the tier 2 project level NEPA analysis, coordination with the appropriate floodplain administrator would occur to avoid any long-term impacts on the base floodplain.

The same threatened and endangered species have been identified within the counties that would be crossed by both build alternatives. However, the Route B Alternative is also adjacent to critical habitat of the threatened Indiana bat. The No-Build Alternative would not impact waterways, wetlands, floodplains, or threatened and endangered species.

Under the Route A Alternative, greenhouse gas (GHG) emissions would decrease by 2,001 tons per year and fuel usage would decline by 266,000 gallons per year as compared to the No-Build Alternative. Under the Route B alternative, GHG emissions would decrease by 1,000 tons per year and annual fuel usage would decline by 159,000 gallons per year as compared to the No-Build Alternative.

Construction impacts would be similar for both the Route A and Route B alternatives and would be mitigated by the use of BMPs. Specific construction impacts would be evaluated during the tier 2 project level NEPA analysis.

3.0 COMMENTS AND COORDINATION

Subsequent to publication of the September 2009 Service Level EA, a public meeting was held, public comments were received, the Illinois DOT and Iowa DOT responded to comments, and additional correspondence with agencies occurred.

3.1 Public Meeting

On September 29, 2009, Illinois DOT and Iowa DOT held a public information meeting at the Moline i wireless Center from 4 p.m. to 7 p.m. to obtain public comments on the September 2009 Service Level EA. Of the 52 people attending the public information meeting, all but one was in support of the Project. All those who expressed a preference for one alternative preferred the Route A Alternative. The one individual who was not in full support of the Project was not convinced that ridership would meet projections and felt the cost was not worth the projected benefits.

In general, those in favor of the Project were excited by the prospect of passenger rail service coming to the Quad Cities and the potential for future expansion of service with the MWRRI. Copies of the EA and preliminary engineering drawings were available for the public to peruse, and many attendees spent time reviewing the documents. During the meeting, 15 attendees provided written comments that expressed support for the Project, selection of the Route A Alternative, and rapid progression to operation of the two round trip TPD.

3.2 PUBLIC COMMENTS

Comments were received from the public and agencies via the Project website, public meeting comment forms, a phone information line, email, and mail. Table 3.2-1 summarizes the source of comments by media type. The majority of the comments were received from the website or by email.

Table 3.2-1 Comments by Media Type

Media	Total	Agency	Public
Email	23	1	22
Information line	2	0	2
Letter	15	9	6
Meeting comment form	15	0	15
Website	41	0	41
Total	96	10	86

Table 3.2-2 summarizes the comments by topic. Of the 96 comments received, 40 stated support for the Project, and four expressed opposition to the Route B Alternative. Of those comments supporting the proposed service and stating a preference for an alternative, most supported Route A. Five comments were received regarding transportation issues, three regarding noise, two regarding air quality, one regarding cultural resources, and two regarding natural resources.

Table 3.2-2 Comments by Topic

Topic	Total	Agency	Public
Alternatives	1	0	1
General comment	3	1	2
General support	40	0	40
Opposition to Alternative B	4	0	4
Support Alternative A	23	0	23
Support Alternative B	12	0	12
Transportation	5	3	2
Noise	3	2	1
Air quality	2	1	1
Cultural resources	1	1	0
Natural resources	2	2	0
Total	96	10	86

3.3 COMMENT RESPONSES

All comments received from the public and agencies were reviewed and addressed. Attachment 9, Agency Comment Letters, contains copies of the comment letters received from USAG-RIA (sent to both Illinois DOT and Iowa DOT), FTA, USFWS (the Chicago Ecological Services Field Office and the Rock Island Field Office), the Peoria Tribe of Indians of Oklahoma, EPA, Illinois Historical Preservation Agency, USACE-Chicago District, as well as an email comment from Illinois EPA. Attachment 10 contains a complete list of all comments received on the EA, the issues raised in the comments, and the responses to the comments. In most cases, the commenter expressed a preference or an opinion concerning an alternative or the Project; these comments have been noted.

In a few cases, the comment on the EA identified a concern or issue that requires additional analysis, clarification, or correction. This document responds to these comments and contains the new information, clarification, or correction required to address the issues identified in the comment and/or to correct the EA.

3.4 AGENCY COORDINATION

Subsequent to publication of the September 2009 Service Level EA, additional agency correspondence was received. This correspondence is summarized in Table 3.4-1. These letters can be found in Attachment 9.

Table 3.4-1 Agency Coordination

Date	Coordination	Key Comments
IDNR	April 1, 2010	Wyanet Connection: The natural resources review provided by [Ecological Compliance Assessment Tool] EcoCAT identified protected resources that may be in the vicinity of the proposed action. The Department has evaluated this information and concluded that adverse effects are unlikely. Therefore, consultation under 17 Ill. Adm. Code Part 1075 is terminated.
Iowa State Historical Society	May 3, 2010	Wyanet Connection: The Phase I survey assessment of the archaeological resources appear to be adequate. The consultation for this section of the project area is approved for purposes of the Tier 1 Environmental Assessment.

4.0 NEXT STEPS

As stated in Chapter 1 and throughout the September 2009 Service Level EA, the purpose of the EA is to provide FRA with documentation to support a decision that the proposed Chicago to Iowa City Intercity Passenger Rail Service could be implemented without significant impacts on the environment. Tier 2 NEPA documentation, studies, and design would be needed to assess location-specific impacts and identify measures to avoid, or further minimize and mitigate adverse environmental effects. A new tier 1 service level analysis would be needed before five round-trip TPD would be authorized. This chapter describes how FRA, Iowa DOT, and Illinois DOT plan to complete the additional documentation and design needed to advance the Project.

4.1 Project Sections

As funding becomes available, the design and the tier 2 project level NEPA documentation would be advanced for sections of the Project. Separate tier 2 project level NEPA documentation would be prepared for each of the sections identified with two round-trip TPD. The tier 2 project level NEPA document would assess the environmental effects of all reasonable alternatives and would document measures to avoid or to further minimize and mitigate impacts.

At this time, the tier 2 project level sections are expected to be as listed below, but they may be combined or modified based on available funding.

Tier 2 Project sections required regardless of the alternative selected:

- Illinois Track Improvements This tier 2 project level NEPA document would include the track, tie, culvert, and bridge improvement or replacement to bring existing track to the standards needed for passenger trains operating at maximum speeds up to 90 mph from Halstead Street in Chicago to Wyanet along the alignment in Illinois.
- **Iowa Track Improvements** This tier 2 project level NEPA document would include the track, tie, culvert, and bridge improvement or replacement to bring existing track to the standards needed for 79 mph passenger trains along the alignment in Iowa.
- **Geneseo, Illinois, Station** There is currently no passenger train station in Geneseo. This tier 2 project level NEPA document would include the evaluation of station location alternatives and design.
- **Iowa City, Iowa, Station** This tier 2 project level NEPA document would include the evaluation of the repurchase and remodel of the existing station in Iowa City. Should acquisition not be possible, an evaluation of station locations and design would be conducted in-lieu of the analysis of remodeling the existing station.
- Moline, Illinois, Station There is currently no passenger train station in Moline. This tier 2 project level NEPA document would include the evaluation of station location alternatives and design.
- **Iowa City, Iowa, Layover Facility** There is currently no layover facility in Iowa City. This tier 2 project level NEPA document would include the evaluation

- of layover facility location alternatives and design. Alternatives considered may include areas outside of existing railroad ROW.
- Colona, Illinois, Improvements This tier 2 project level NEPA document would evaluate alternatives and design to improve the BNSF crossing in Colona.
- Rock Island, Illinois, Yard Bypass This tier 2 project level NEPA document would evaluate alternatives and design for a yard bypass track to allow passenger trains to avoid traveling through the Rock Island Yard.
- Silvis, Illinois, Bypass If the Rock Island Yard bypass is not implemented, a tier 2 project level NEPA document would evaluate alternatives and design for improvements to the existing track alignments in Silvis.

Additional tier 2 Project sections needed if the Preferred Alternative is selected:

- Wyanet Connection This tier 2 project level NEPA document would present alternatives and design for the connection between the BNSF and IAIS railroads near Wyanet. See the Wyanet Connection discussion in Section 2.3.1, Preferred Alternative (Route A Amtrak-BNSF-IAIS) in the September 2009 Service Level EA for more information on this connection.
- Eola, Illinois, Main Line Improvements This tier 2 project level NEPA document would include the evaluation of alternatives and design to provide adequate main-track capacity to enable on-time operation of the proposed Chicago to Iowa City passenger rail service without disrupting the on-time schedule performance of other Amtrak intercity passenger trains and Metra commuter trains, and without affecting the operation of BNSF freight trains. The Eola Main Line Improvements would provide infrastructure at a bottleneck where main-track capacity is at present fully consumed by existing Amtrak long-distance and intercity passenger trains, Metra commuter passenger trains, and BNSF freight trains. See Section 2.0, Wyanet Connection and Eola Main Line Improvements Supplemental Information, for additional information on Eola Yard.

Additional tier 2 Project sections needed if the Route B Alternative is selected:

- Morris, Illinois, Station There is currently no passenger train station in Morris.
 This tier 2 project level NEPA document would include the evaluation of station location alternatives and design.
- **Peru or La Salle, Illinois, Station** There are currently no passenger train stations in Peru or La Salle. This tier 2 project level NEPA document would include the evaluation of station location alternatives and design.

Increasing train traffic to five round-trip TPD from Chicago to Iowa City, and maximum speeds up to 90 mph from Halstead Street in Chicago to Wyanet, would require the construction of additional sidings between Chicago and Iowa City and upgrades of signals and at-grade crossings between Chicago and Wyanet. Additional parking may be required at Amtrak stations along the proposed route. Project sections requiring additional sidings and crossing upgrades have not yet been identified for the ultimate five round-trip TPD operational level. The uncertainties that exist for this operational level make identification of sections difficult and impractical at this time. The construction impacts would be similar to those described for two round-trip TPD but would require

more new construction and additional ROW. Prior to implementation of the five round-tip TPD scenario, a supplemental tier 1 service level NEPA document would be developed to assess potential impacts on environmental resources along the route from Chicago to Iowa City. This would be followed by tier 2 project level NEPA documents for implementation.

4.2 Additional Studies

During the tier 2 project level NEPA process, multiple documents would be developed. These documents are anticipated to be a mixture of environmental assessments for areas such as the Wyanet Connection, and categorical exclusions for areas with minimal effects. The specific type of NEPA document has not yet been determined for each of the Project sections.

In addition to NEPA documentation for the Project sections, design would be advanced and numerous studies would be completed as part of the tier 2 project level NEPA process to determine the specific nature and quantity of impacts. The design process would consider avoidance, minimization, and mitigation of impacts on sensitive environmental resources. Based on the Project section, the following studies may be required:

- Wetland delineations
- Cultural resources surveys and Section 106 consultation
- Threatened and endangered species surveys
- Engineering surveys
- Noise analysis
- Section 4(f) resource evaluation
- Phase I Environmental Site Assessments
- Air emissions analysis in non-attainment areas
- Hydraulic modeling for surface waters and floodplains
- Stream relocation studies

In addition to the various studies, mitigation for impacts would also be developed. Several resources, such as surface water, wetlands, and floodplains, require approvals through permitting prior to construction disturbance; permits would be applied for subsequent to completion of NEPA documentation at a later date. Anticipated types of mitigation could include, but are not limited to, wetland mitigation, stream mitigation, construction timing restrictions for threatened and endangered species, implementation of a stormwater pollution prevention plan, implementation of BMPs, and documentation of historic railroad structures.

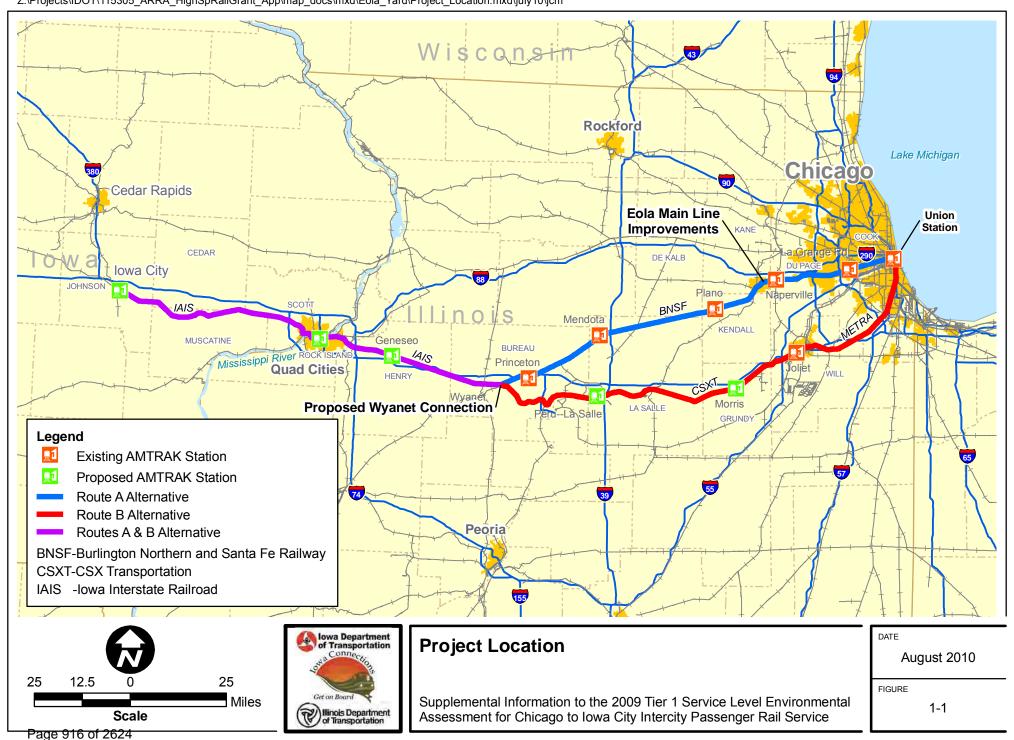
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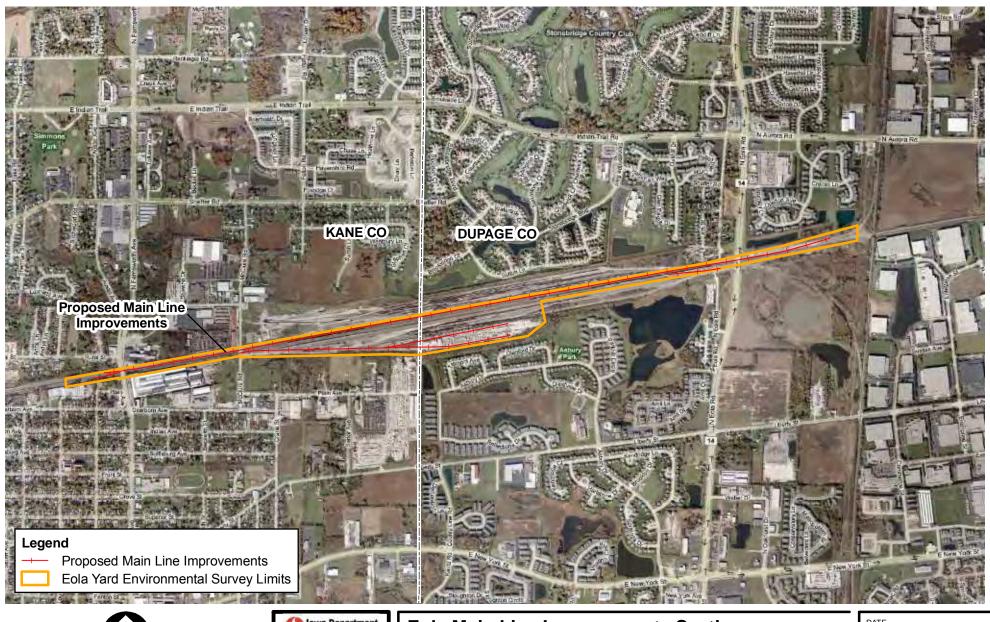
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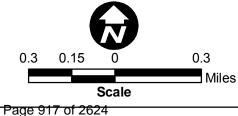
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Eola Main Line Improvements Section of the Project Area

Supplemental Information to the 2009 Tier 1 Service Level Environmental Assessment for Chicago to Iowa City Intercity Passenger Rail Service

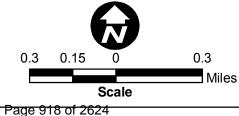
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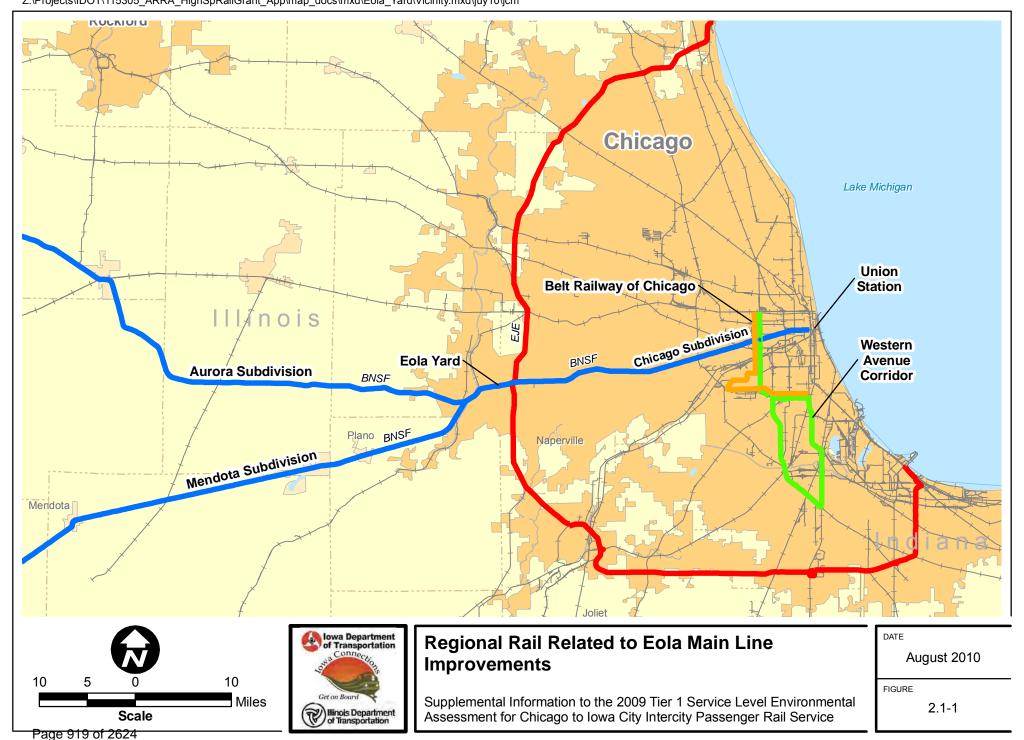
Wyanet Connection Section of the Project Area

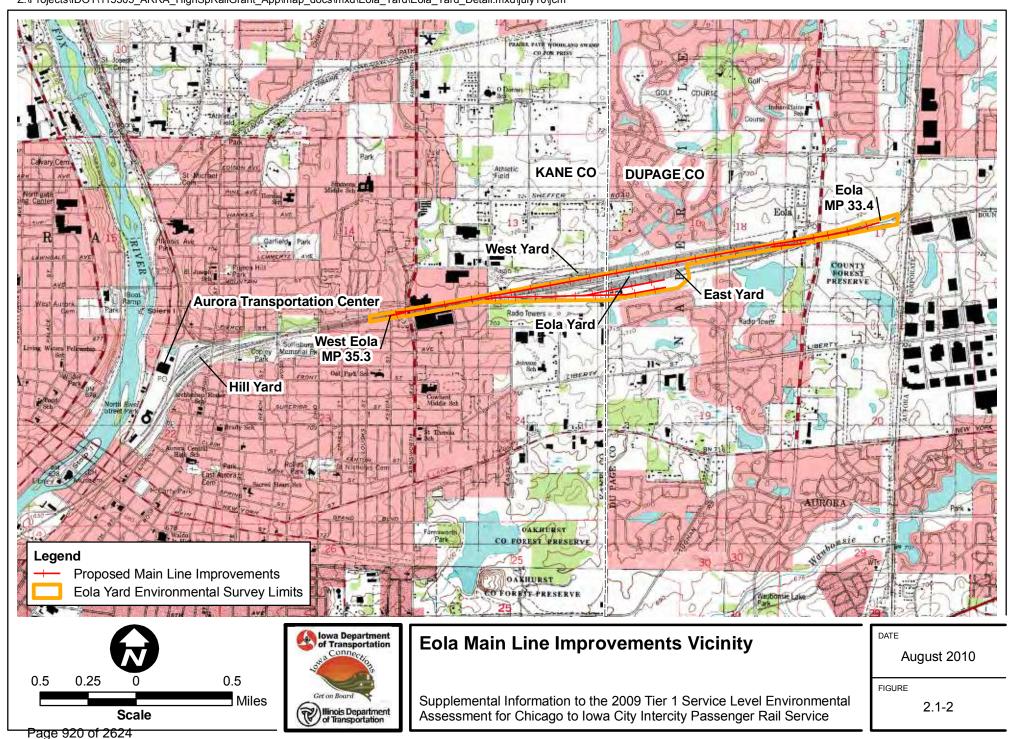
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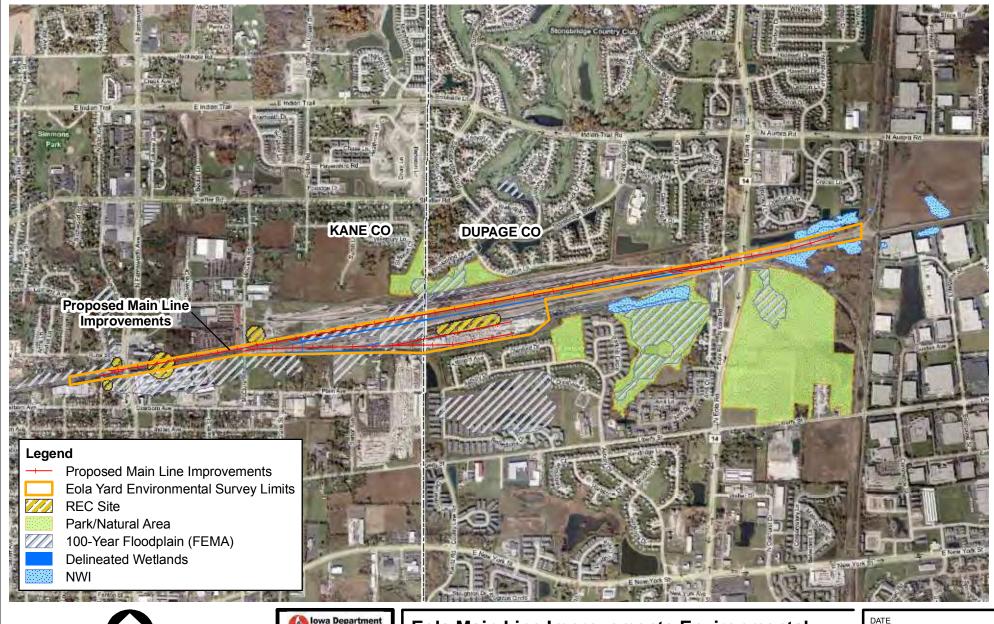
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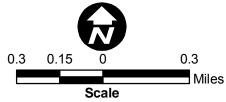
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Page 921 of 2624



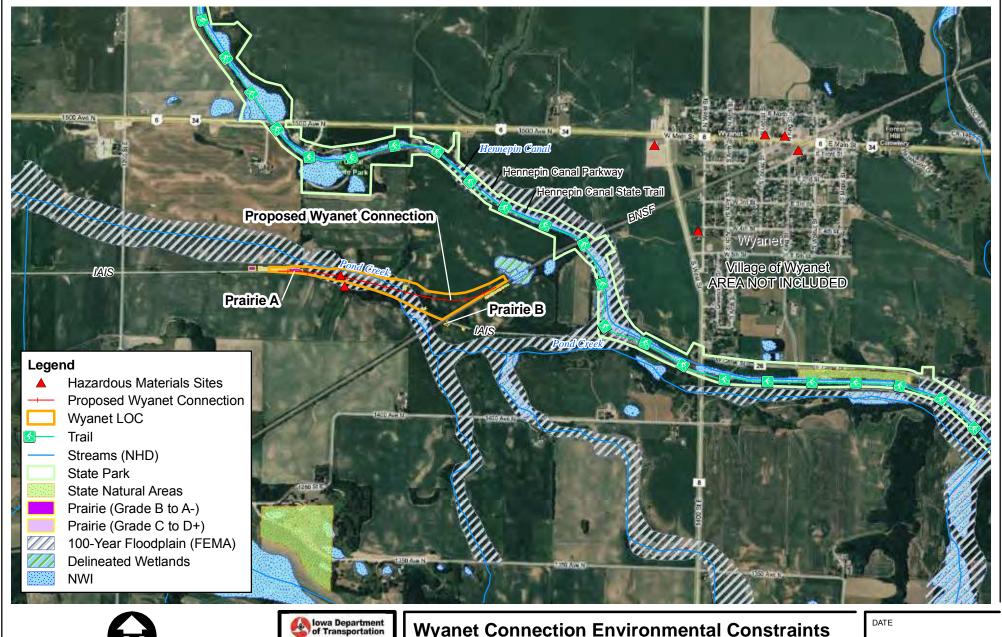
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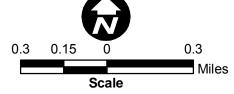
Supplemental Information to the 2009 Tier 1 Service Level Environmental Assessment for Chicago to Iowa City Intercity Passenger Rail Service

August 2010

FIGURE

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Page 922 of 2624

Illinois Department of Transportation

Wyanet Connection Environmental Constraints

Supplemental Information to the 2009 Tier 1 Service Level Environmental Assessment for Chicago to Iowa City Intercity Passenger Rail Service

August 2010

FIGURE

2.6-2

Attachment 1
Eola Main Line Improvements PESA

Preliminary Environmental Site Assessment Chicago to Iowa City Intercity Passenger Rail Service Eola Mainline Improvements

City of Aurora, DuPage, and Kane Counties, Illinois

Prepared for:

Illinois Department of Transportation lowa Department of Transportation

Prepared by:

HDR Engineering, Inc. 8550 W. Bryn Mawr Ave. Ste. 900 Chicago, IL 60631 142673

July 13, 2010

July 13, 2010

George Weber, Chief, Bureau of Railroads Illinois Department of Transportation 100 W. Randolph Suite 6-600 Chicago, IL 60601

Re: Eola Mainline Improvements

Preliminary Environmental Site Assessment Report Submittal

with

Dear Mr. Weber:

We are pleased to provide you with the above-referenced *Preliminary Environmental Site Assessment* (PESA) report. The attached report presents our methodology, findings, opinions, conclusions, and recommendations regarding environmental conditions at the Project site.

HDR appreciates the opportunity to serve the Illinois DOT and Iowa DOT on this important Project. If you have any questions or comments, please feel free to contact John Morton at (402) 399-4903.

Cordially,

HDR Engineering, Inc.

John H. Morton, P.E.

Senior Vice President

CC: Walt Zyznieuski, BDE

Table of Contents

	1:-4	of Assaulana		
		of Acronyms		
1.0	Exe	cutive Summary	1	
2.0	Introduction			
	2.1	Purpose of the PESA and Involved Parties	2	
	2.2	Scope of Services, Significant Assumptions, and Limitations	2	
3.0	Site Description			
	3.1	Location and Legal Description	4	
	3.2	Site and Vicinity Characteristics	4	
	3.3	Description of Structures, Roads, and Other Site Improvements	4	
	3.4	Area Geology and Hydrogeology	4	
4.0	Use	r-Provided Information	5	
5.0	Records Review			
	5.1	Environmental Records Review	5	
	5.2	Summary of Listed Records of Concern to the Project	9	
	5.3	Local Government Information	12	
	5.4	Historical Use Information	12	
	5.5	Environmental Liens and Additional Information	13	
	5.6	Summary of Previous Environmental Investigations	13	
6.0	Site Reconnaissance and Interviews			
	6.1	Site Reconnaissance	13	
	6.2	Interviews	13	
	6.3	Known Current and Past Uses of the Site and Adjoining Properties	14	
	6.4	Utilities and PCBs	14	
7.0	Data	a Gap Analysis	15	
8.0	Find	dings and Conclusions	15	
9.0	Recommendations			
10.0	Qualifications of Environmental Professionals			
	10.1	Signatures and Qualifications	16	
11.0	Re	ferences	17	

List of Tables

able 1 – Summary of Environmental Database Search
able 1 Carrinary of Environmental Batabase Coaroninininininininininininininininininini

Appendices

Appendix A – Figures

Appendix B – Site Photographs

Appendix C – EDR Information

Appendix D – Interview Documentation

Appendix E – Historical Research Documentation

Appendix F – Resumes of HDR Personnel

List of Acronyms

AAI All Appropriate Inquiries

AIRS Aerometric Information Retrieval System

AST aboveground storage tank

ASTM American Society for Testing and Materials

bgs below ground surface

BNSF Burlington Northern Santa Fe Railway

CERCLIS Comprehensive Environmental Response, Compensation, and Liability

Information System

CFR Code of Federal Regulations

CORRACTS Corrective Action Report

EPA United States Environmental Protection Agency

ERNS Emergency Response Notification System

ESA Environmental Site Assessment

FIFRA Federal Insecticide, Fungicide, and Rodenticide Act

FINDS Facility Index System

FRDS Federal Reporting Data System

FURS Federal Underground Injection Control

HDR HDR Engineering, Inc.

LUST leaking underground storage tank

MINES Mines Master Index File

NFRAP No Further Remedial Action Planned

NPL National Priority List

NWI National Wetlands Inventory

PESA Preliminary Environmental Site Assessment
RCRA Resource Conservation and Recovery Act

RCRIS LQG Resource Conservation and Recovery Information System

Large Quantity Generators

RCRIS SQG Resource Conservation and Recovery Information System

Small Quantity Generators

RCRIS TSD Resource Conservation and Recovery Information System

Treatment, Storage, and Disposal

REC recognized environmental condition

Sil Site Inspection
Spills Spills Database

SRP Site Remediation Program

SWF/LF Solid Waste Facilities/Landfill
TSCA Toxic Substances Control Act

USC United States Code

USGS United States Geological Survey

UST underground storage tank

Note: A more complete acronym list is located in the EDR Report, Appendix C.

1.0 Executive Summary

HDR Engineering, Inc. (HDR) has conducted a Preliminary Environmental Site Assessment (PESA) for the Eola Mainline Improvements Project area in the City of Aurora, in DuPage and Kane Counties, Illinois. In this report, the "Project area" is defined as the Burlington Northern Santa Fe Railway (BNSF) Eola Yard between Farnsworth Avenue (the western terminus) and Eola Road (the eastern terminus).

Land use adjacent to Eola Yard consists primarily of residential land use, with some agricultural and industrial uses. According to HDR's review of historical sources, including historical aerial photographs, historical topographic maps, and personal interviews, the Project area has been a rail yard since the 1870s. The properties adjacent to the west end of the rail yard have been industrial properties since at least 1978. Properties adjacent to the middle and east end of Eola Yard were primarily farmland with some industrial and residential development until the mid-1990s, when most of the farmland was developed for industrial and residential uses.

This report identifies recognized environmental conditions (RECs) in the Project corridor that may adversely affect railroad construction or Project right-of-way acquisition (if required). This PESA was conducted in general conformance with the scope and limitations of *A Manual for Preliminary Environmental Site Assessments for Illinois Department of Transportation Highway Projects and American Society for Testing and Materials* (ASTM) Practice E 1527-05. Any exceptions to or deletions from these ASTM practices are described later in this report. This report includes a summary of the site reconnaissance conducted on June 23, 2010, a review of environmental databases, a review of historical data sources, and on-site and telephone interviews.

This report has revealed evidence of RECs in connection with the Project area. Because of this, HDR recommends that the Illinois and Iowa Departments of Transportation (DOT) notify the selected construction contractor that subsurface hazardous material impacts are present within the Eola Mainline Improvements construction zone. The construction contractor should be prepared for the possibility of encountering affected soils, and should be prepared to detect, excavate, document, and dispose of affected materials in compliance with applicable environmental laws and regulations should they be encountered.

2.0 Introduction

2.1 Purpose of the PESA and Involved Parties

This PESA documents the evaluation of the Project area for indications of "recognized environmental conditions" (REC) An REC is defined by American Society for Testing and Materials (ASTM) Practice E 1527-05 as: "The presence or likely presence of any hazardous substances or petroleum products on a project site under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the project site or into the ground, groundwater, or surface water of the project site. The term includes hazardous substances or petroleum products even under conditions of storage and use in compliance with local and state laws and regulations. The term is not intended to include *de minimus* conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of regulatory governmental agencies. Conditions determined to be *de minimus* are not recognized environmental conditions."

HDR received authorization from the Iowa Department of Transportation (Iowa DOT) to conduct a PESA of the Eola Mainline Improvements Project area, defined as Eola Yard from Farnsworth Avenue eastward to Eola Road in the City of Aurora in DuPage and Kane Counties, Illinois. In this report, the "Project area" is defined as the Burlington Northern Santa Fe Railway (BNSF) Eola Yard between Farnsworth Avenue (the western terminus) and Eola Road (the eastern terminus). This PESA has been prepared for the Illinois Department of Transportation (Illinois DOT) and Iowa DOT, and only Illinois DOT and Iowa DOT have the right to rely on its contents.

2.2 Scope of Services, Significant Assumptions, and Limitations

The services provided for this Project consist of the following:

- Provide a description of the Project area including current land uses.
- Provide a general description of the topography, soils, geology, and groundwater flow direction.
- Review reasonably ascertainable regulatory information published by federal, state, local, tribal, health, and/or environmental agencies pertaining to the Project area.
- Review historical data sources for the Project area, including aerial photographs, topographic maps, fire insurance maps, city directories, and other readily available development data.
- Conduct an area reconnaissance and an environmental review—including a visual inspection of adjoining properties—with a focus on indications of hazardous substances, petroleum products, polychlorinated biphenyls (PCBs), wells, storage tanks, solid waste disposal pits and sumps, and utilities.
- Interview current owners and occupants of businesses that are located near the Project area and are likely to use hazardous materials in their operations and interview other persons with knowledge of the development history of the Project area.
- Prepare a written report of the methods, findings, and conclusions.

The goal of this scope of services is to assist the user in identifying conditions in the Project area that may indicate risks regarding hazardous materials storage, disposal, or other impacts. The resulting report may qualify the user for relief from liabilities as one of three

"defenses" identified in the 2002 Brownfields Amendments to the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Section 9607 (All Appropriate Inquiry subsections). These three defenses include:

- 1. The "innocent landowner" defense to potential liabilities under 42 United States Code [USC] § 9601
- 2. The "contiguous project corridor owner" defense pursuant to 42 USC § 9607q
- 3. The "bona fide prospective purchaser" defense pursuant to 42 USC §9607r

Federal regulations at 40 Code of Federal Regulations [CFR] Part 312, promulgated by the United States (U.S.) Environmental Protection Agency (EPA), require that a liability release be based (in part) on completion of All Appropriate Inquiries (AAI) prior to purchase of a property. Those inquiries are documented by Phase I reports, or Environmental Site Assessments (ESAs). EPA has agreed that the recently developed ASTM guidance (ASTM Practice E 1527-05) specifies and interprets AAI requirements.

A user is defined by ASTM Practice E 1527-05 as the party seeking to use Practice E 1527 to complete an environmental site assessment of a project area and may include a potential purchaser of land in the project area, a potential tenant of the project area, an owner of land in the project area, a lender, or a project area manager. Investigative areas not included in the standard ASTM scope of services for environmental site assessments include: asbestos, lead-based paint, lead in drinking water, radon or urea formaldehyde, wetland issues, regulatory compliance, cultural and historic resources, industrial hygiene, health and safety, ecological resources, endangered species, indoor air quality, and high-voltage power lines. The scope of services for environmental site assessments also does not include the completion of soil borings, installation of groundwater monitoring wells, or collection of soil or groundwater samples. Likely sources of vapor intrusion, from potential on-site or off-site sources, are identified. State and national policies and standards relevant to vapor intrusion are in flux and subject to change.

HDR has made certain assumptions in preparing the scope of this assessment:

- Data gathered from public information sources (i.e., libraries or public regulatory agencies) are accurate and reliable.
- Site operations reflect site conditions relative to potential releases, and no intentional concealment of environmental conditions or releases has occurred.
- Interview information is directly reported as gathered by the assessor and is limited by the accuracy of the interviewee's recollection and experience.
- Published geologic information and site observations made by the environmental
 professional are used to estimate likely contaminant migration pathways in the
 subsurface. These estimates by the environmental professional are limited in
 accuracy and are generally cross-referenced with existing information about similar
 sites and environmental releases in the area.
- Regulatory information is limited to sites discovered after the late 1980s because reliable records were not kept by regulatory agencies prior to that time frame.

Where a REC has resulted from historical uses or conditions, but apparently no longer persists at the site, the term "historical REC" is used.

The findings and conclusions presented in this report are based on the procedures described in ASTM Practice E 1527-05, informal discussions with various agencies, a review of the available literature cited in this report, conditions noted at the time of this PESA, and HDR's interpretation of the information obtained as part of this PESA. The findings and conclusions

are limited to the specific Project and properties described in this report, and by the accuracy and completeness of the information provided by others.

An environmental site assessment cannot entirely eliminate uncertainty regarding the potential for RECs. Conducting this assessment is intended to reduce, but not eliminate, uncertainty regarding the potential for RECs in connection with a project area within reasonable limits of time and cost. In conducting its services, HDR used a degree of care and skill ordinarily exercised under similar circumstances by reputable members of its profession practicing in the same locality. No other warranty is made or intended. This PESA generally conforms to the level of documentation required in ASTM Practice E 1527-05. Deviations from the ASTM standard included deletion of certain records sources deemed to be inapplicable, or of limited value, to the specific needs of this client.

3.0 Site Description

3.1 Location and Legal Description

Eola Yard is located at 865 McClure Avenue, in the City of Aurora, DuPage and Kane counties, Illinois. The site is approximately 150 acres.

3.2 Site and Vicinity Characteristics

The 1998 Naperville and Aurora North, Illinois, U.S. Geological Survey (USGS) quadrangle maps indicate that the site is approximately 710 feet above mean sea level. The topography near the site slopes downward from the north and northeast toward the south and southwest. The topography and geographic location suggest that shallow groundwater flows south and southwest.

According to the U.S. Department of Agriculture Soil Conservation Service's soil survey soil maps for the State Soil Geographic (STATSGO) Database, the soil near the site is mainly composed of Morley silt loam. The Morley silt loam complex consists of moderately fine or fine textures, layers impeding downward movement of water, and poorly drained soils of hydrologic group Class C, which have a layer of low hydraulic conductivity. Depth to the water table is 3 to 6 feet below ground surface (bgs), and the depth to bedrock, on average, is greater than 5 feet bgs.

The soil lies on top of rock that formed during the Silurian period of the Paleozoic era, approximately 543 to 248 million years ago.

3.3 Description of Structures, Roads, and Other Site Improvements

The site is improved with three buildings, a front lawn, a concrete walkway, a paved driveway and parking area, a side lawn area, and the rail yard. The rail yard has two main line tracks and two yard lead tracks at the west end of the yard as well as three main line tracks and four yard leads at the east end of the yard. Indian Creek runs through the site through culverts or open ditches, flowing out of the site to the southwest..

3.4 Area Geology and Hydrogeology

Groundwater flow in the Project area is expected to be to the south or southwest. Depth to the groundwater in the Project area is 3 feet to 6 feet. Approximately 34 wells are located within approximately 0.25 miles of the Project area, and a federal USGS well and public water supply system are located within approximately 0.25 miles of the Project area.

4.0 User-Provided Information

The user of the report provided a proposed improvements map and aerial imagery of the Project area. In addition, in response to a request for information on the site, the user of the report stated that it:

- Is aware of environmental cleanups currently taking place in the Project area. The sites have been enrolled in the Illinois EPA Site Remediation Program.
- Is unaware of any environmental cleanup liens against the property.
- Has knowledge of diesel fuel and used oil that is present on the property.
- Has no knowledge of any spills or chemical releases on the property other than those that have been reported to the regulatory agencies and are under remediation through Illinois EPA.
- Has knowledge of the presence of contamination on the property.

5.0 Records Review

5.1 Environmental Records Review

Environmental Data Resources, Inc. (EDR), was contracted by HDR to complete a database search of federal, state, and tribal environmental records for the Project site. The federal and state databases searched consisted of the following:

Federal ASTM Standard

- NPL National Priority List
- Proposed NPL Proposed National Priority List
- Delisted NPL National Priority List Deletions
- CERCLIS Comprehensive Environmental Response, Compensation, and Liability Information System
- CERCLIS-NFRAP CERCLIS No Further Remedial Action Planned
- CORRACTS Corrective Action Report
- RCRA TSD Resource Conservation and Recovery Act Treatment, Storage, and Disposal Facilities
- RCRA Small Quantity Generators (SQG)
- RCRA Large Quantity Generators (LQG)
- Institutional Control/Engineering Controls Registries
- ERNS Emergency Response Notification System

Federal ASTM Supplemental

- NPL Recovery Federal Superfund Liens
- DOD Department of Defense Sites
- FUDS Formerly Used Defense Sites
- U.S. Brownfields Listing of Brownfields Sites
- CONSENT Superfund (CERCLA) Consent Decrees
- ROD Records of Decision
- UMTRA Uranium Mill Tailing Sites
- ODI Open Dump Inventory
- SSTS Section 7 Tracking Systems
- ICIS Integrated Compliance Information System
- MINES Mines Master Index File
- HMIRS Hazardous Materials Incident Report System
- TRIS Toxic Chemical Release Inventory System

- TSCA Toxic Substances Control Act
- FTTS FIFRA, TSCA, and EPCRA Tracking Systems
- PADS PCB Activity Database System
- MLTS Material Licensing Tracking System
- FINDS Facility Index System
- RAATS RCRA Administration Action Tracking System

State ASTM Standard

- CAT Illinois Category List
- SHWS State Hazardous Waste Sites
- SWF/LF Directory of Solid Waste/Landfill Facilities
- IL NIPC Active and Inactive Solid Waste Disposal Sites in Northeastern Illinois
- State LUST Illinois Leaking Underground Storage Tanks
- State UST Illinois Underground Storage Tanks
- VCP Voluntary Cleanup Program
- IL Spills Reported Chemical Spills and Incidents
- DRYCLEANERS Drycleaner Facility Listing
- BROWNFIELDS Brownfields Tracking System
- IL AIRS Illinois Air Quality Database
- Brownfields
- Tier 2

Tribal ASTM Standard

- INDIAN RESERV Indian Reservations
- INDIAN LUST Leaking Underground Storage Tanks on Indian Land
- INDIAN UST Underground Storage Tanks on Indian Land

A computerized environmental information database search was performed for the Project site by EDR on June 23, 2010. The databases searched included federal, state, local, tribal, and EDR proprietary databases as defined by ASTM E 1527-05. The results of the database search are summarized in the following table and paragraphs. A complete copy of the EDR environmental database report is included in Appendix C.

Table 1 – Summary of Environmental Database Search

Database	Description	Facilities Listed	Sites of Concern to the Project				
Federal							
NPL	The National Priorities List (NPL) is EPA's database of uncontrolled or abandoned hazardous waste facilities that have been listed for priority remedial actions under the Superfund program.	0	0				
Delisted NPL	The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) established the criteria that EPA uses to delete sites from the NPL.	0	0				
CERCLIS/ NFRAP	The CERCLIS database is a compilation of facilities that EPA has investigated or is currently investigating for a release or threatened release of hazardous substances pursuant to the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980. No Further Remedial Action Planned (NFRAP) refers to facilities that have been removed and archived from its inventory of CERCLA sites.	2	2				
RCRA CORRACTS/ TSD	EPA maintains a database of Resource Conservation and Recovery Act (RCRA) facilities associated with treatment, storage, and disposal (TSD) of hazardous materials that are undergoing "corrective action." A "corrective action" order is issued when there has been a release of hazardous waste or constituents into the environment from a RCRA facility.	1	1				
RCRA Non- CORRACTS/ TSD	The RCRA Non-CORRACTS/TSD Database is a compilation by EPA of facilities that report storage, transportation, treatment, or disposal of hazardous waste. Unlike the RCRA CORRACTS/TSD database, the RCRA Non-CORRACTS/TSD database does not include RCRA facilities where corrective action is required.	0	0				
RCRA INFO	The RCRA INFO database, maintained by EPA, lists facilities that generate hazardous waste as part of their normal business practices. Generators are listed as large, small, or conditionally exempt. Large quantity generators (LQG) produce at least 1,000 kg/month of nonacutely hazardous waste or 1 kg/month of acutely hazardous waste. Small quantity generators (SQG) produce 100 to 1,000 kg/month of nonacutely hazardous waste. Conditionally exempt small quantity generators (CESQG) are those that generate less than 100 kg/month of nonacutely hazardous waste.	14	3				
RCRA-nongen	The RCRA info database includes information on sites which generate, transport, store, treat, and/or dispose of hazardous waste as defined by RCRA. Non-generators do not presently generate hazardous waste.	9	6				
ERNS	Emergency Response Notification System (ERNS) records and stores information on reported releases of oil and hazardous substances.	4	4				
HMIRS	Hazardous Materials Information Reporting System (HMIRS) contains hazardous material spill incidents reported to USDOT.	4	4				
US ENG Controls	A listing of sites with engineering controls in place.	0	0				
US INST Controls	A listing of sites with institutional controls in place.	0	0				
DOD	U.S. Department of Defense Sites.	0	0				
FUDS	Formerly Used Defense Sites.	0	0				

Database	Description	Facilities Listed	Sites of Concern to the Project
U.S. Brownfields	A brownfield site is an industrial or commercial project corridor that is abandoned, inactive, or underutilized, on which expansion or redevelopment is complicated because of the actual or perceived environmental contamination.	0	0
CONSENT	Superfund (CERCLA) Consent Decrees.	0	0
ROD	Record of Decision.	0	0
UMTRA	Uranium Mill Tailings Sites.	0	0
ODI	Open Dump Inventory.	0	0
SSTS	Section 7 Tracking Systems.	0	0
ICIS	Integrated Compliance Information System.	0	0
MINES	Mines Master Index File.	0	0
PADS	PCB Activity Database System (PADS) identifies generators, transporters, commercial storers, and/or brokers and disposers of PCBs who are required to notify EPA of such activities.	0	0
RAATS	RCRA Administrative Action Tracking System (RAATS) contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by EPA.	0	0
MLTS	MLTS is maintained by the Nuclear Regulatory Commission (NRC) and contains a list of approximately 8,100 sites that possess or use radioactive materials and are subject to NRC licensing requirements.	0	0
TRIS	Toxic Chemical Release Inventory System (TRIS) identifies facilities that release toxic chemicals to the air, water, and land in reportable quantities under SARA Title III, Section 313.	1	1
FINDS	Facility Index System/Facility Registry System (FINDS) contains both facility information and 'pointers' to other sources that contain further detail.	31	12
TSCA	Toxic Substances Control Act (TSCA) identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list.	0	0
FTTS	FIFRA/TSCA Tracking System, Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA)/Toxic Substances Control Act (SCA). FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA, and EPCRA (Emergency Planning and Community Right-to-Know Act).	1	1
	State and Local		
CAT	State and tribal equivalent of the National Priorities List (NPL).	1	0
SHWS State Hazardous Waste List	Illinois EPA Superfund Programs List (SPL) is the state version of the federal CERCLIS list. Sites on the SPL list come from three sources: the Water Quality Assurance Revolving Fund (WQARF) list and potential sites WQARF list, the federal Superfund list (NPL), and Department of Defense sites that require Superfund oversight.	1	1
SWF/LF State Landfill/ Historical Landfill	The Illinois EPA maintains a list of Solid Waste Facilities/Landfill Sites (SWF/LF).	1	0
IL NIPC	The Northeastern Illinois Planning Commission maintains an inventory of active and inactive solid waste disposal sites, based on state, local government and historical archive data.	1	0

Database	Description	Facilities Listed	Sites of Concern to the Project
State LUST	Leaking Underground Storage Tanks (LUST) Site List – Illinois EPA provides a computer-generated database of the LUSTs within the specified area based on LUST incident reports and cleanup actions underway.	31	7
State UST	The Illinois State Fire Marshal maintains a STC Facility List. This list includes Underground Storage Tanks.	20	5
VCP Site Remediation Program	Illinois EPA's Site Remediation Program Database includes all sites currently enrolled in the state Voluntary Cleanup Program.	2	0
IL Spills	Lists chemical spills and incidents reported to the Office of Emergency Response.	2	2
DRYCLEANE RS	A listing of drycleaning facilities in Illinois that applied for a license through the Illinois Drycleaner Environmental Response Trust Fund.	3	0
IL AIRS	A listing of air permits and emissions information.	7	1
Brownfields	A brownfield site is an industrial or commercial project corridor that is abandoned, inactive, or underutilized, on which expansion or redevelopment is complicated because of the actual or perceived environmental contamination.	0	0
Tier 2	A listing of facilities which store or manufacture hazardous materials and submit a chemical inventory report.	3	0
INDIAN RESERV	Indian Reservations.	0	0
INDIAN LUST	LUST on Indian Lands.	0	0
INDIAN UST	UST on Indian Lands.	0	0

5.2 Summary of Listed Records of Concern to the Project

Federal Records

CERCLIS Sites

A review of the federal CERCLIS list, as provided by EDR and dated June 23, 2010, has revealed that Eola Yard is listed as an archived CERCLIS site and is not on the NPL. An adjacent property, PC Display Finishers, Inc. at 1666 N. Dearborn Ave., is also an archived CERCLIS site and is not on the NPL.

RCRA CORRACTS Sites

A review of the federal RCRA CORRACTS facilities list, as provided by EDR and dated June 23, 2010, has revealed that an adjacent property, PC Display Finishers, Inc. at 1666 N. Dearborn Ave., is a CORRACTS site.

RCRA Generators Sites

A review of the federal RCRA generators list, as provided by EDR and dated June 23, 2010, has revealed that three adjacent properties have generators on-site. Midstate Express, 1859 Plain Ave., is listed as a RCRA small quantity generator site. Fernandos Body Works, 1660 Dearborn Ave., and Dur-O-Wall Wire, Inc., 625 Crane Ave, are listed as RCRA conditionally exempt small quantity generator sites.

RCRA-nongen Sites

A review of the RCRA-nongen list, as provided by EDR and dated June 23, 2010, has revealed that Eola Yard is listed twice and four adjacent properties are listed as RCRA-nongen sites. The adjacent properties that are listed as RCRA-nongen sites include:

- PC Display Finishers, Inc. (1666 N. Dearborn Ave.)
- BP Amoco (1207 N. Eola Rd.)
- Aurora Fast Freight, Inc. (1859 Plain Ave.)
- Best Blast Corp. (1500 Dearborn Ave.)

ERNS List

A review of the federal ERNS list, as provided by EDR and dated June 23, 2010, has revealed that Eola Yard is listed twice. The first occurrence was on September 3, 1992 because of waste oil/lubricant that was spilled when a storage tank was overfilled. The second occurrence was on February 17, 1994 when 500 gallons of oil was spilled.

Two adjacent properties are also listed on the federal ERNS list. At 1901 Plain Ave., an unknown amount of an unknown oil was discovered under a slab at an auto facility on June 19, 2009. The property at 625 Crane Ave. is on the federal ERNS list because of a spill of 400 gallons of hydrochloric acid on June 27, 1994 due to a seal failure.

HMIRS Sites

A review of the Hazardous Materials Incident Report System, as provided by EDR and dated June 23, 2010, has revealed that four hazardous materials spill incidents occurred on Eola Yard property. The earliest incident occurred on July 27, 1992 when approximately 1.0 gallon of caustic soda was spilled from a tank car. On May 22, 1994 12.5 gallons of chlorine were spilled from a leaking tank car valve. The incident that occurred on May 24, 1998 involved the release of a vapor of cold tar distillates. A 4.0 gallon leak of hydrogen peroxide occurred on July 21, 1998 from a tank car. The released product evaporated and never entered the ground.

FINDS Sites

A review of the FINDS list, as provided by EDR and dated June 23, 2010, has revealed that Eola Yard, along with 11 adjacent properties, is on the FINDS list. The adjacent properties identified as FINDS sites include:

- Dukane Precast, Inc (2000 Plain Ave.)
- Dan/Veber Goodwin (Poss Rd. and 4th St.)
- P.D.I. Industries Inc. (1666 Dearborn Ave.)
- Fernando Body Works (1660 Dearborn Ave.)
- PC Display Finishers, Inc. (1666 N. Dearborn Ave.)
- BP Amoco (1207 N. Eola Rd.)
- U-Pull-It (1901 Plain Ave.)
- National Rent-A-Fence (1894 Plain Ave.)
- Aurora Fast Freight, Inc. (1859 Plain Ave.)
- Midstates Express (1859 Plain Ave.)
- Dur-O-Wal Wire Inc. (625 Crane Ave.)

TRIS Sites

A review of the TRIS list, as provided by EDR and dated June 23, 2010, has revealed that the adjacent property, Dur-O-Wal, Inc. located at 625 Crane Ave. is a TRIS site.

FTTS and HIST FTTS Sites

A review of the FTTS list, as provided by EDR and dated June 23, 2010, has revealed that the adjacent property, Dur-O-Wal, Inc. located at 625 Crane Ave. is a FTTS and HIST FTTS site.

State and Local Records

SHWS List

A review of the SHWS list, as provided by EDR and dated June 23, 2010, has revealed that Eola Yard is listed as a SHWS site due to a railroad locomotive collision. On January 20, 1993, a BNSF train collided head-on with a Southern Pacific train in Eola Yard, spilling approximately 10,000 gallons of diesel fuel. The contaminated soil was moved to an onsite location for land farming and the land farm is pending closure. In-situ remediation was also performed. However, contamination has migrated off-site to an adjacent property. This site is enrolled in the Illinois EPA Site Remediation Program.

LUST Sites

A review of the LUST list, as provided by EDR and dated June 23, 2010, has revealed that Eola Yard is listed two times and four adjacent properties are also listed. One other LUST incident is listed in 1993, which is a BNSF leasehold property located outside of Eola Yard. One LUST case on Eola Yard property involving gasoline was opened in 1992 and closed in 1993. Another LUST case on Eola Yard property involved fuel oil. This case was opened in 1989 and closed in 2005.

Adjacent to Eola Yard is P.D.I. Industries, located at 1666 Dearborn Ave., which is listed as a LUST site. The case involved fuel oil, was opened in 1992, and closed in 1993. National Rent-A-Fence is an adjacent property located at 1894 Plain Ave. The LUST case for this adjacent property was opened in 1994 and the more recent Low Priority Corrective Action Plan was approved with modification in 1999. Also adjacent to Eola Yard is Aurora Fast Freight, Inc. located at 1859 Plain Ave. The LUST case for the Aurora Fast Freight, Inc. property was opened in 1998 and has not yet been closed. The fourth property is Jard Gas located at 1302 Plain Ave. The LUST case for this property was opened in 1998 and closed in 1999.

The other LUST case involving diesel fuel was opened in 1992 and a No Further Remediation letter has not been issued. This is a BNSF leasehold property located outside of Eola Yard; the name is referred to as Wholesale Auto.

UST Sites

A review of the UST list, as provided by EDR and dated June 23, 2010, has revealed that Eola Yard is a UST site and there are four UST sites located adjacent to the Project area. The USTs located on Eola Yard property were removed in the early 1990s.

One of the adjacent UST sites is Hollis Robert, located at 1666 Dearborn Ave., where the UST was removed in 1992. The adjacent 7-Eleven property located at 1202 N. Eola Rd. contained a UST that was removed in 1992. Two USTs were located on adjacent property for National Rent-A-Fence at 1894 Plain Ave.; both were removed in 1994. Aurora Fast Freight, located at 1859 Plain Ave. adjacent to Eola Yard, was identified as having two USTs that were removed in 1998 and a third UST that was never installed.

SPILLS Sites

A review of the SPILLS list, as provided by EDR and dated June 23, 2010, has revealed that Eola Yard and one adjacent property, 1901 Plain Ave., are SPILLS sites.

AIRS Sites

A review of the AIRS list, as provided by EDR and dated June 23, 2010, has revealed that the adjacent property, Dur-O-Wal, Inc., located at 625 Crane Ave., is an AIRS site.

5.3 Local Government Information

HDR did not perform interviews with any local government representatives.

5.4 Historical Use Information

The objective of reviewing historical use information is to develop a history of previous land uses in the vicinity of the Project area and to assess these uses for potential hazardous materials impacts that may affect the Project. HDR reviewed those historical sources that were readily available and likely to provide useful information, given the time and cost constraints inherent in ESA projects.

Fire Insurance Maps

Fire insurance maps are produced by private fire insurance companies to indicate uses of an area on specified dates. HDR requested fire insurance maps from EDR, the copyright holder for the Sanborn map collection; however, no Sanborn fire insurance map coverage exists for the Project corridor.

City Directory Information

City Directory searches were not conducted as part of the scope of work for this Project.

Historical Aerial Photographs

Historical aerial photographs are valuable for the environmental assessor to review features of properties along the Project corridor over a long period of time. HDR reviewed historical aerial photographs provided by EDR. Historical aerial photographs were reviewed from 1998 back to 1949. Coverage was available for 11 years of that 49-year span, with the longest gap in coverage being 13 years (between 1980 and 1993). Information relating to observed features or the listed risk sites is presented below.

- The area is predominantly agricultural land. The rail yard is present. The industrial properties located on the west end of the rail yard are minimal.
- **1962** Adjacent properties remain largely undeveloped.
- **1971** Adjacent properties remain largely undeveloped.
- 1978 The area remains predominantly agricultural land; however, more industrial properties located on the west end of the rail yard are developed.
- **1984** The properties remain mainly as they were in 1978.
- **1988** The properties remain mainly as they were in 1984.
- The area remains predominantly agricultural land; however, more industrial properties located on the west end of the rail yard are developed.

Historical Topographic Maps

Historical topographic maps provide an overview of the area relative to potential previous land uses. HDR reviewed historical topographic maps of the Project corridor and adjoining properties for the years 1949, 1950, 1953 1954, 1962, 1964, 1972, 1978, and 1980, 1993,

and 1998. These maps served to verify the information gathered in the historic aerial photograph review.

5.5 Environmental Liens and Additional Information

No information regarding the chain-of-title ownership history or environmental liens recorded against the Project corridor was provided by the user. Environmental lien searches were not conducted as part of the scope of work for this Project.

5.6 Summary of Previous Environmental Investigations

No previous environmental investigations were reviewed for this report.

6.0 Site Reconnaissance and Interviews

6.1 Site Reconnaissance

On June 23, 2010, HDR conducted a reconnaissance of the site. HDR representatives were escorted through the site by BNSF personnel. The site reconnaissance was conducted via vehicles with stops at key areas within the rail yard. The BNSF rail yard is improved and contains three buildings, a front lawn and side lawn, concrete walkway, paved driveway and parking area, and the rail yard. The rail yard has two main line tracks and two yard lead tracks at the west end of the yard, and three main line tracks and four yard leads at the east end of the yard.

The interiors of the three buildings were not observed. However, according to the owner, the main building is used for office/meeting spaces; the interior of the building was being remodeled at the time of the site reconnaissance. The second building is primarily used for storage. The third building is used for limited maintenance on the maintenance-of-way equipment. Used oil is containerized and sent offsite. According to the owner there are no pits or an oil/water separator onsite.

A pile of used tires was observed on the western edge of the rail yard, underneath the Farnsworth Road viaduct (see Photograph 1). Areas around the northwest exterior of the yard were used to store items such steel, and extra maintenance-of-way equipment (see Photograph 2). Three above-ground storage tanks (ASTs) and one 55-gallon drum were observed onsite (Photograph 3). The ASTs contain diesel fuel and used oil. The diesel fuel is used for the maintenance-of-way equipment. The 55-gallon drum was labeled as purge water (See Photograph 4). The owner confirmed that monitoring wells were sampled as part of an ongoing remediation activity through the Illinois EPA State Site Unit.

A ditch was observed running through the Project area (Photograph 5). The drainage ditch drains water from the site and runs through the Indian Creek Industrial Park located to the south and west of the Project area (Photograph 6). The drainage ditch is labeled as Indian Creek (Photograph 7).

6.2 Interviews

Site Interviews

HDR personnel met with BNSF representatives during the site reconnaissance on June 23, 2010. These representatives referred HDR to BNSF's manager of environmental operations for Illinois, Mr. Jim Cunnigham. Mr. Cunningham was interviewed by telephone on June 28, 2010. The results of that interview are summarized below.

Mr. Cunningham reported that the site has been an active remediation site due to the collision of two trains in the early 1990s. Remediation of this area has been ongoing. He reported that soils removed from the area were land farmed on site. Mr. Cunningham stated that the work has been conducted through the Illinois EPA. He stated that there are no underground storage tanks located on site. Underground storage tanks were removed from the fueling yard area and were determined not to have leaked by the fire marshal on site during the removal activities. Mr. Cunningham did state that the facility has an NPDES and Stormwater Pollution Prevention Plan. The facility also has an SPCC plan. Mr. Cunningham indicated that BNSF-leased properties off of Industrial Road had some LUSTs. BNSF is currently working under the Illinois EPA State Site Unit to remediate those LUSTs. Mr. Cunningham stated that Michael Woolridge of the BNSF would have additional information regarding the on-going remediation activities at the site.

HDR interviewed Mr. Woolridge on July 6, 2010. He stated that BNSF is currently working on two remediation sites through the Illinois EPA. These sites are referred to as the Indian Creek Development, where mitigation of contaminants occurred from the BNSF property, and the Aurora Wholesale Auto, a BNSF leasehold property that contained a LUST. Mr. Woolridge stated that area drinking water wells were sampled in 2009 and that BNSF will be sampling Indian Creek sediments in 2010 as part of the remediation activities. Mr. Woolridge indicated that there are groundwater monitoring wells on site.

HDR interviewed Mr. Steve Skare, EMR, an environmental consultant working for the BNSF at Eola Yard. Mr. Skare stated that there was an AST release at the Eola Yard around 2001. A French drain system was installed to remediate the site. Mr. Skare also stated that there was a 2008 diesel release from a locomotive at the east end of the rail yard. This release is currently under the jurisdiction of the Illinois EPA.

Offsite Interviews

HDR did not conduct offsite interviews regarding the Project area.

6.3 Known Current and Past Uses of the Site and Adjoining Properties

The initial conversion of the site to a rail use was in 1848 when a rail line was constructed through the Project limits. Additional facilities and right-of-way for rail use increased incrementally over time. Yard activities on the Project site are documented as far back as the 1870s. The current yard track arrangements and track locations are different from the original yard. This use is considered a historical REC.

The majority of properties adjacent to the rail yard were primarily used for agricultural purposes, except for properties at the west end, which have been industrial since at least 1956. By 1971, parcels along Eola Road north of the railroad tracks, and more industrial properties at the west end of the yard, began to be developed. Currently, the properties north and south of the yard at the middle east end are residential. Industrial properties exist adjacent to the west end of the rail yard. Historical use of the adjacent sites for agricultural purposes from 1930 through approximately 1955 likely included the application of pesticides in accordance with permitted uses. Because that use would, of late, have led to an agency requirement for testing prior to reusing the site, it constitutes an REC.

6.4 Utilities and PCBs

HDR did not observe signs indicating subsurface utilities other than typical municipal utilities such as water, sewer, electrical, telecommunications cable, and gas. One pole-mounted and one slab-on-grade mounted transformer were noted, but no large power substations or step-

down transformers were noted. Signal bungalows are located within the rail yard. Given the age of the development of the area, it is unlikely that PCB-containing transformers would be present. Additionally, no spills or hazardous materials response events were noted in the EDR report.

7.0 Data Gap Analysis

The ASTM E 1527-05 standard requires a listing of "data gaps" encountered during the investigative process that may affect the validity of the conclusions drawn by the environmental professional. The standard also requires that the environmental professional estimate the relative importance of the data gaps. Generally, gaps in available data are related to the availability of historical data sources for specific sites of concern. The environmental professional uses multiple historical data sources as a method to provide coverage for data gaps. Historical information is collected on a recurring basis, and the passage of time between data sets may or may not constitute a significant gap in data coverage. For this Project, the following items may constitute a data gap as defined by ASTM:

- Absence of Sanborn fire insurance maps
- Absence of aerial photography prior to 1956

The inability to obtain and review the Sanborn fire insurance maps, and the lack of aerial photography prior to 1956, do not appear to present significant data gaps because of the presence of other supporting historical information and the lack of development in the area prior to 1956.

8.0 Findings and Conclusions

HDR has conducted a Preliminary Environmental Site Assessment (PESA) of the Project area for the Eola Mainline Improvements, identified as Eola Yard in the City of Aurora, DuPage and Kane counties, Illinois. The PESA was performed in general conformance with the scope and limitations of *A Manual for Conducting Preliminary Environmental Site Assessments for Illinois Department of Transportation Highway Projects* and ASTM Practice E 1527-05. Any exceptions to, or deletions from, this practice are described previously in this report.

HDR personnel did observe recognized environmental conditions (RECs), as defined in ASTM Practice E 1527-05, in connection with the Project area. The rail yard is listed in databases for CERCLIS sites, ERNS, SHWS, LUST, UST, HMIRS, Spills, RCRA-nongen, and FINDS for incidents that have occurred on the Project site. The entire rail yard is considered a REC due to the hazardous materials spills, its historical railroad use, and the materials transported through the yard.

The adjacent properties on both sides of the western end of the yard are industrial properties. Several are listed in the environmental databases and would be considered RECs due to their current and historic uses.

9.0 Recommendations

Recommendations included in this report have been developed through the investigative procedures described in the *Scope of Services, Significant Assumptions, and Limitations* section of this report. These findings should be reviewed within the context of the limitations provided in the *Limitations* section. Based on the location and specific details of the identified

risk sites, HDR has identified RECs on the Project site. This conclusion has led to the inclusion of the following statement as required by ASTM E 1527-05:

HDR has performed a Preliminary Environmental Site Assessment in general conformance with the scope and limitations of ASTM E 1527-05 of the Project area for the Eola Mainline Improvements, defined as Eola Yard, 865 McClure Road, City of Aurora, Kane and DuPage counties, Illinois. Any exceptions to or deletions from these practices are described in previous sections of this report. This report has revealed evidence of RECs in connection with the Project site.

HDR has concluded that the risk of contamination from the site is high. Because of this conclusion, HDR recommends that the Illinois and Iowa departments of transportation notify the selected construction contractor that subsurface impacts may be present within the construction zone. The construction contractor should be prepared for the possibility of encountering affected soils, and be prepared to detect, excavate, document, and dispose of affected materials in compliance with applicable environmental laws and regulations if contaminated soils are encountered.

10.0 Qualifications of Environmental Professionals

10.1 Signatures and Qualifications

We declare that, to the best of our professional knowledge and belief, we meet the definition of environmental professional as defined in Section 312.10 of 42 Code of Federal Regulations [C.F.R.] Part 312. This PESA was conducted under the supervision of a qualified environmental professional.

The preceding report has been prepared in general conformance with standard industry practice for performance of Environmental Site Assessments and includes the applicable portions of the investigation procedures codified in ASTM E 1527-05, Standard Practice for Environmental Site Assessments: Environmental Site Assessment Process. The end user of this report may rely on the contents, findings, and conclusions to be accurate within the limitations stated in this report and in the ASTM standard. The report also complies with specific requirements supplied by the client.

Qualified Environmental Professional

Kalain Martie

Ms. Robin Martel, LEED AP Transportation Planner

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Qualifications of Environmental Professionals

This PESA was performed by the following HDR personnel:

Ms. Robin Martel, LEED AP, HDR's qualified environmental professional, as defined by ASTM Practice E 1527-05, has more than 17 years of experience in the assessment and remediation of impacted properties and compliance with environmental regulations. She has a BS in Geology from Ohio State University. Ms. Martel specializes in the investigation of hazardous-materials-impacted properties for municipal and state agencies, as well as for commercial clients. She is highly knowledgeable of federal, state, and local environmental regulations and standards.

Ms. Kirsten Mawhinney, P.E., has more than 5 years of experience working on environmental studies for transportation projects. She has a BS in Civil Engineering from Purdue University.

Qualifications of QA/QC Review Professionals

Reviews for quality assurance and quality control were performed by the following HDR personnel:

Mr. Todd Wilson, Chemist, HDR's qualified environmental professional, as defined by ASTM Practice E 1527-05, has more than 18 years of experience in the assessment and remediation of impacted properties and compliance with environmental regulations. He has an MS in Pharmaceutical Science from The University of Nebraska Medical Center and a BS in Chemistry from The University of Nebraska-Lincoln. His experience covers the assessment of agricultural land, to multigenerational industrial properties, to large Superfund Sites. He is knowledgeable of federal, state, and local environmental regulations and standards.

11.0 References

A Manual for Conducting Preliminary Environmental Site Assessments for Illinois Department of Transportation Highway Projects, 1996.

ASTM Practice E 1527-05. 2005. Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.

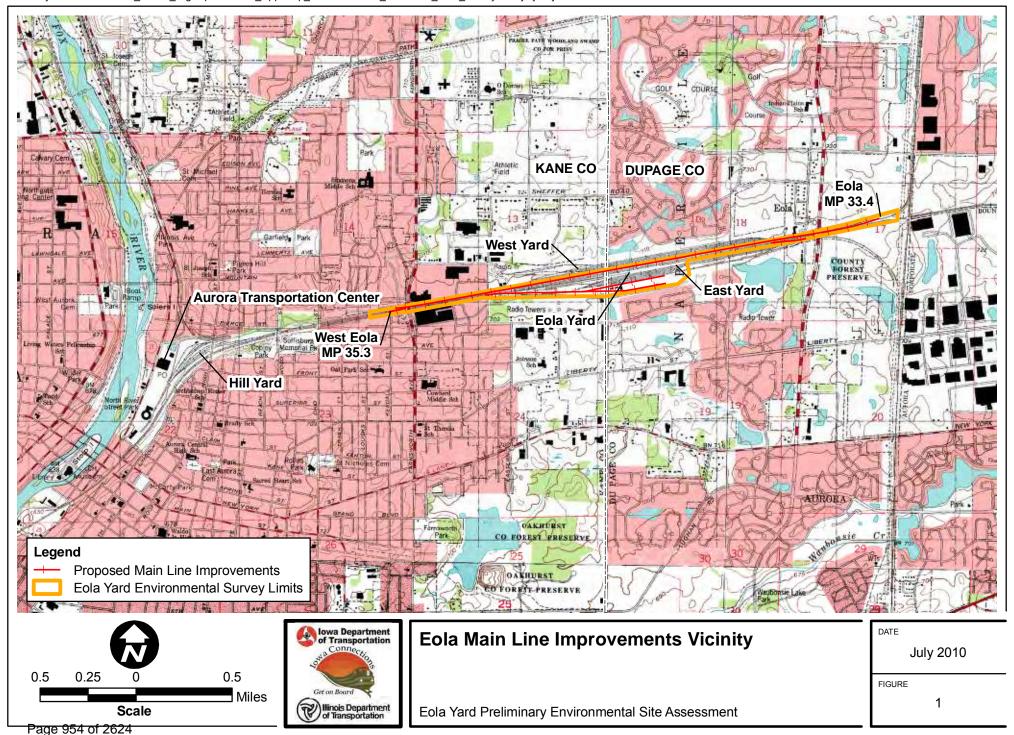
Environmental Data Resources, Inc., Report. 2010. *Eola Yard Improvements Project Level EA*. The EDR Radius Map Report, Inquiry Number 2800629.2s. June 23, 2010.

Interview. June 2010. Jim Cunningham, BNSF.

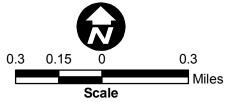
Interview. July 2010. Michael Woolridge, BNSF.

Interview. July 2010. Steve Skare, EMR

Appendix A Figures







Page 955 of 2624



Eola Main Line Improvements Recognized Environmental Conditions

Eola Yard Preliminary Environmental Site Assessment

July 2010

FIGURE

2

Appendix B Site Photographs



Photograph 1: Used tires underneath Farnsworth Road Viaduct (Looking west)



Photograph 2: Maintenance of Way equipment and used oil tank (Looking east)



Photograph 3: Above ground storage tanks on site.



Photograph 4: 55-gallon drum labeled as purge water. (Looking east)



Photograph 5: Drainage ditch running through Eola Yard (Looking east)



Photograph 6: Indian Creek leaving Eola Yard and running through Indian Creek Industrial Park (Looking southwest)



Photograph 7: Sign marking Indian Creek as Kane County Stream (Looking southwest)

Appendix C EDR Information

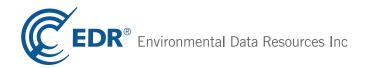
Eola Yard Improvements Project Level EA

Eola Yard Improvements Project Level EA Aurora, IL 60504

Inquiry Number: 2800629.2s

June 23, 2010

The EDR Radius Map™ Report with GeoCheck®



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TABLE OF CONTENTS

SECTION	PAGE
Executive Summary	ES1
Overview Map	2
Detail Map.	3
Map Findings Summary	4
Map Findings.	7
Orphan Summary	248
Government Records Searched/Data Currency Tracking.	GR-1
GEOCHECK ADDENDUM	
Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting Source Map	A-9
Physical Setting Source Map Findings.	A-10
Physical Setting Source Records Searched	A-70

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A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

EOLA YARD IMPROVEMENTS PROJECT LEVEL EA AURORA, IL 60504

COORDINATES

Latitude (North): 41.772700 - 41° 46' 21.7" Longitude (West): 88.258300 - 88° 15' 29.9"

Universal Tranverse Mercator: Zone 16 UTM X (Meters): 395416.7 UTM Y (Meters): 4625092.0

Elevation: 709 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 41088-G3 AURORA NORTH, IL

Most Recent Revision: 1998

East Map: 41088-G2 NAPERVILLE, IL

Most Recent Revision: 1998

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 2005, 2006 Source: USDA

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list	
NPL	National Priority List

Proposed NPL..... Proposed National Priority List Sites

NPL LIENS..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY..... Federal Facility Site Information listing

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF...... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG.....RCRA - Large Quantity Generators

Federal institutional controls / engineering controls registries

US ENG CONTROLS...... Engineering Controls Sites List US INST CONTROL...... Sites with Institutional Controls

State and tribal landfill and/or solid waste disposal site lists

LF SPECIAL WASTE...... Special Waste Site List

State and tribal leaking storage tank lists

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

INDIAN UST...... Underground Storage Tanks on Indian Land

FEMA UST...... Underground Storage Tank Listing

State and tribal institutional control / engineering control registries

ENG CONTROLS..... Sites with Engineering Controls

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS..... Municipal Brownfields Redevelopment Grant Program Project Descriptions

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9...... Torres Martinez Reservation Illegal Dump Site Locations

ODI....... Open Dump Inventory LF SPECIAL WASTE...... Special Waste Site List

INDIAN ODI...... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL...... Clandestine Drug Labs
CDL...... Meth Drug Lab Site Listing

US HIST CDL..... National Clandestine Laboratory Register

Local Land Records

LIENS 2..... CERCLA Lien Information

LUCIS_____Land Use Control Information System

Other Ascertainable Records

CONSENT...... Superfund (CERCLA) Consent Decrees

ICIS..... Integrated Compliance Information System

RAATS......RCRA Administrative Action Tracking System

INDIAN RESERV..... Indian Reservations

SCRD DRYCLEANERS...... State Coalition for Remediation of Drycleaners Listing

PCB TRANSFORMER...... PCB Transformer Registration Database

COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List

COAL ASH DOE...... Sleam-Electric Plan Operation Data

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants..... EDR Proprietary Manufactured Gas Plants EDR Historical Auto Stations... EDR Proprietary Historic Gas Stations EDR Historical Cleaners...... EDR Proprietary Historic Dry Cleaners

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in **bold italics** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS NFRAP site List

CERC-NFRAP: Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

A review of the CERC-NFRAP list, as provided by EDR, and dated 06/23/2009 has revealed that there are 2 CERC-NFRAP sites within approximately 1.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
P C DISPLAY FINISHERS INC	1666 NORTH DEARBORN	WSW 1/2 - 1 (0.915 mi.)	170	114
				_
Lower Elevation	Address	Direction / Distance	Map ID	Page

Federal RCRA CORRACTS facilities list

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 03/25/2010 has revealed that there is 1 CORRACTS site within approximately 2 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
P C DISPLAY FINISHERS INC	1666 NORTH DEARBORN	WSW 1/2 - 1 (0.915 mi.)	170	114

Federal RCRA generators list

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 02/17/2010 has revealed that there are 5 RCRA-SQG sites within approximately 1.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BALLCO MFG INC	2375 E LIBERTY ST	ESE 1/2 - 1 (0.838 mi.)	42	78
BILL JACOBS AURORA INC	2170 E NEW YORK ST	S 1/2 - 1 (0.882 mi.)	H59	103
Lower Elevation	Address	Direction / Distance	Map ID	Page
MIDSTATES EXPRESS	1859 PLAIN AVE	WSW 1/2 - 1 (0.592 mi.)	C13	15
PROGRESSIVE TURNING	1680 MOUNTAIN ST	W 1/2 - 1 (0.872 mi.)	G51	91
ROCK-TENN CO	705 N FARNSWORTH	W 1 - 2 (1.231 mi.)	O95	174

RCRA-CESQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-CESQG list, as provided by EDR, and dated 02/17/2010 has revealed that there are 9 RCRA-CESQG sites within approximately 1.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WORLD COLOR DIRECT IMAGING	780 MC CLURE RD	W 1/2 - 1 (0.835 mi.)	F27	62
GARTNER COLLISION REVISION	2424 E NEW YORK ST	S 1/2 - 1 (0.876 mi.)	H53	95
NORB KORNAK OLDS INC	2175 E NEW YORK ST	S 1/2 - 1 (0.882 mi.)	H61	105
FERNANDOS BODY WORKS	1660 DEARBORN AVE	WSW 1/2 - 1 (0.909 mi.)	167	111
STONEBRIDGE COUNTRY CLUB	2705 STONEBRIDGE BLVD	N 1 - 2 (1.017 mi.)	82	130
Lower Elevation	Address	Direction / Distance	Map ID	Page
DUR-O-WAL WIRE INC	625 CRANE AVE.	WSW 1/2 - 1 (0.790 mi.)	E24	55
SERVICE MFG CORP	1601 E MOUNTAIN ST	W 1 - 2 (1.035 mi.)	N84	133
SPEEDWAY 7540	948 N FARNSWORTH RD	WNW 1 - 2 (1.242 mi.)	P97	226
VILLAGE MART ONE HOUR CLEANERS	950 N FARNSWORTH AVE	WNW 1 - 2 (1.243 mi.)	P100	234

Federal ERNS list

ERNS: The Emergency Response Notification System records and stores information on reported releases of oil and hazardous substances. The source of this database is the U.S. EPA.

A review of the ERNS list, as provided by EDR, and dated 12/31/2009 has revealed that there are 4

ERNS sites within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
1901 PLAIN AVENUE	1901 PLAIN AVENUE	SW 1/2 - 1 (0.522 mi.)	B6	9
625 CRANE AVE	625 CRANE AVE	WSW 1/2 - 1 (0.790 mi.)	E25	62
685 MCCLURE RD	685 MCCLURE RD	W 1/2 - 1 (0.836 mi.)	G36	72
685 MCCLURE RD EOLA YARD	685 MCCLURE RD EOLA Y	AR W 1/2 - 1 (0.836 mi.)	G38	74

State- and tribal - equivalent NPL

CAT: Illinois Category List.

A review of the CAT list, as provided by EDR, and dated 06/01/1997 has revealed that there is 1 CAT site within approximately 2 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
BURLINGTON NORTHERN	CHESTNUT / JOHNSON ST	W 1/2 - 1 (0.836 mi.)	G39	74
Facility Type: SITE REMEDIATION PROC	GRAM			

State- and tribal - equivalent CERCLIS

SHWS: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Illinois Environmental Protection Agency's Category List.

A review of the SHWS list, as provided by EDR, and dated 03/01/2010 has revealed that there is 1 SHWS site within approximately 2 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BURLINGTON NORTHERN - EOLA	MCCLURE AVENUE	ENE 1/2 - 1 (0.884 mi.)	63	109

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Illinois Environmental Protection Agency's Available Disposal for Solid Waste in Illinois--Solid Waste Landfills Subject to State Surcharge list.

A review of the SWF/LF list, as provided by EDR, and dated 12/31/2008 has revealed that there is 1 SWF/LF site within approximately 1.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HARTMAN, JOHN	235 OAKVIEW	SW 1 - 2 (1.198 mi.)	90	170

IL NIPC: NIPC is an inventory of active and inactive solid waste disposal sites, based on state, local government and historical archive data. Included are numerous sites that previously had never been identified largely because, prior to 1971, there was no obligation to register such sites. The data come from the Northeastern Illinois Planning Commission's Solid Waste Landfill Inventory.

A review of the IL NIPC list, as provided by EDR, and dated 08/01/1988 has revealed that there is 1 IL NIPC site within approximately 1.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FOX VALLEY PARK DISTRICT #3		SW 1 - 2 (1.328 mi.)	102	238

State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Illinois Environmental Protection Agency's LUST Incident Report.

A review of the LUST list, as provided by EDR, and dated 04/30/2010 has revealed that there are 31 LUST sites within approximately 1.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
STONEBRIDGE COUNTRY CLUB NFA/NFR Letter: 12/9/1999	2500 STONEBRIDGE BLVD.	NNE 1/4 - 1/2 (0.268 mi.)	A1	7
BURLINGTON NORTHERN RAILROAD NFA/NFR Letter: 3/9/1993		SW 1/2 - 1 (0.601 mi.)	14	16
CAPITAL CONTROL GARTNER BUICK NFA/NFR Letter: 11/9/1993	2115 EAST NEW YORK ST. 2424 EAST NEW YORK ST.	S 1/2 - 1 (0.869 mi.) S 1/2 - 1 (0.876 mi.)	H48 H54	87 99
NORB KORNAK OLDSMOBILE NFA/NFR Letter: 6/19/2000	2175 NEW YORK ST.	S 1/2 - 1 (0.882 mi.)	H60	105
BURLINGTON NORTHERN - EOLA NFA/NFR Letter: 1/31/2005	MCCLURE AVENUE	ENE 1/2 - 1 (0.884 mi.)	63	109
P.D.I. INDUSTRIES NFA/NFR Letter: 4/14/1993	1666 DEARBORN	WSW 1/2 - 1 (0.904 mi.)	165	110
CASSENS TRANSPORT CO. NFA/NFR Letter: 8/4/1998	3401 LIBERTY RD.	ESE 1/2 - 1 (0.972 mi.)	M76	125
CASSENS TRANSPORT CO. NFA/NFR Letter: 8/6/1999	3401 LIBERTY AVE.	ESE 1/2 - 1 (0.972 mi.)	M77	126
INDIAN PRAIRIE SCHOOL DIST. #2 NFA/NFR Letter: 7/13/1998	5 SOUTH 700 EOLA RD.	NNE 1 - 2 (1.170 mi.)	87	169
INDIAN PRAIRIE DIST. SCHOOL NFA/NFR Letter: 1/30/2008	EOLA RD.	NE 1 - 2 (1.174 mi.)	89	169
BICKETT'S CAR WASH NFA/NFR Letter: 1/27/1994	1160 NORTH FARNSWORTH	AWNW 1 - 2 (1.359 mi.)	Q103	238
CITGO NFA/NFR Letter: 7/17/2006	420 NORTH FARNSWORTH	WSW 1 - 2 (1.365 mi.)	105	240
LUNDGREN DOWLING NFA/NFR Letter: 10/26/2006	1180 NORTH FARNSWORTH	AWNW 1 - 2 (1.375 mi.)	Q106	241
CLARK OIL & REFINING NFA/NFR Letter: 8/19/1997	1180 NORTH FARNSWORTH	AWNW 1 - 2 (1.375 mi.)	Q107	241

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GOODYEAR TIRE & RUBBER NFA/NFR Letter: 11/4/1998	1175 NORTH FARNSWORTH	1 AWNW 1 - 2 (1.380 mi.)	Q108	242
JERRY YUSIM DATSUN NFA/NFR Letter: 1/18/2006 NFA/NFR Letter: 1/18/2006	1542 EAST NEW YORK ST.	SW 1 - 2 (1.414 mi.)	109	242
WATER PROD. CO.	3255 EAST NEW YORK ST.	SE 1 - 2 (1.454 mi.)	111	244
AGRINETICS NFA/NFR Letter: 12/6/1991	1515 EAST NEW YORK ST.	SW 1 - 2 (1.462 mi.)	R112	244
CARSON, SUSAN NFA/NFR Letter: 1/18/2002	1500 EAST NEW YORK ST.	SW 1 - 2 (1.485 mi.)	R113	245
FOX VALLEY FORD NFA/NFR Letter: 1/6/1997	1401 N FARNSWORTH	NW 1 - 2 (1.489 mi.)	114	245
Lower Elevation	Address	Direction / Distance	Map ID	Page
NATIONAL RENT-A-FENCE	1894 PLAIN AVE.	WSW 1/2 - 1 (0.557 mi.)	В9	10
AURORA FAST FREIGHT INC	1859 PLAIN AVE	WSW 1/2 - 1 (0.592 mi.)	C11	11
BURLINGTON NORTHERN RAILROAD	685 MCCLURE RD	W 1/2 - 1 (0.836 mi.)	G41	77
RUSS TOGS INC.	1601 EAST MOUNTAIN ST.	W 1 - 2 (1.035 mi.)	N83	132
REED MACHINERY & TRANSPORTATIO NFA/NFR Letter: 5/30/2001	712 NORTH FARNSWORTH	AWW 1 - 2 (1.215 mi.)	O92	172
AURORA PAPERBOARD DIV., DAVEY NFA/NFR Letter: 4/4/1991	705 NORTH FARNSWORTH	AVW 1 - 2 (1.231 mi.)	O94	173
SPEEDWAY 7540	948 N FARNSWORTH RD	WNW 1 - 2 (1.242 mi.)	P97	226
SPEEDWAY SUPERAMERICA	948 NORTH FARNSWORTH	,	P98	229
KARD GAS NFA/NFR Letter: 2/11/1999	1302 PLAIN AVE	WSW 1 - 2 (1.362 mi.)	104	239
CONOCO PHILLIPS	1331 NORTH FARNSWORTH	1 AWNW 1 - 2 (1.452 mi.)	110	243

LUST TRUST: In case sufficient funds are not available in the Underground Storage Tank Fund, requests for payment are entered on the Payment Priority List by "queue date" order. As required by the Environmental Protection Act, the queue date is the date that a complete request for partial or final payment was received by the Agency. The queue date is "officially" confirmed at the end of the payment review process when a Final Decision Letter is sent to the site owner.

A review of the LUST TRUST list, as provided by EDR, and dated 04/20/2010 has revealed that there is 1 LUST TRUST site within approximately 1.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CONOCO PHILLIPS	1331 NORTH FARNSWORTI	H AWNW 1 - 2 (1.452 mi.)	110	243

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Illinois State Fire Marshal's STC Facility List.

A review of the UST list, as provided by EDR, and dated 05/03/2010 has revealed that there are 20 UST

sites within approximately 1.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
JEWEL EXPRESS #3240	1127 NORTH EOLA ROAD	E 1/2 - 1 (0.869 mi.)	46	85
FOX VALLEY CYCLES	2115 E NEW YORK ST	S 1/2 - 1 (0.869 mi.)	H47	86
OLD SUPERIOR TOYTA BLDG	2121 E NEW YORK ST	S 1/2 - 1 (0.869 mi.)	H50	90
GERTNER BUICK PEUGEOT INC	2424 E NEW YORK ST	S 1/2 - 1 (0.876 mi.)	H56	100
VALLEY IMPORTS INC	2170 E NEW YORK ST	S 1/2 - 1 (0.882 mi.)	H58	102
NORB KORNAK OLDS, INC.	2175 EAST NEW YORK STRE	S 1/2 - 1 (0.882 mi.)	H62	108
HOLLIS ROBERT	1666 DEARBORN ST	WSW 1/2 - 1 (0.904 mi.)	166	111
7-ELEVEN #32202	1202 NORTH EOLA	ENE 1/2 - 1 (0.913 mi.)	J69	113
BP AMOCO #14166	1207 NORTH EOLA ROAD	ENE 1/2 - 1 (0.933 mi.)	K73	123
R M KAUFMAN	1601 E MOUNTAIN ST	W 1/2 - 1 (0.935 mi.)	L74	124
CASSENS TRANSPORT COMPANY	3401 LIBERTY ROAD	ESE 1/2 - 1 (0.972 mi.)	M78	126
PREMIER ELECTRICAL CONST CO	1630 E MOUNTAIN ST	W 1/2 - 1 (0.975 mi.)	L81	129
STONEBRIDGE COUNTRY CLUB	2705 STONEBRIDGE BLVD	N 1 - 2 (1.017 mi.)	82	130
CIRCLE K #6762	2946 A EAST NEW YORK ST	SE 1 - 2 (1.216 mi.)	93	173
Lower Elevation	Address	Direction / Distance	Map ID	Page
NATIONAL RENT A FENCE CO	1894 PLAIN AVE	WSW 1/2 - 1 (0.557 mi.)	B10	11
AURORA FAST FREIGHT, INC.	1859 PLAIN AVENUE	WSW 1/2 - 1 (0.726 mi.)	21	22
BURLINGTON NORTHERN RR	685 MCCLURE RD	W 1/2 - 1 (0.836 mi.)	G37	72
REED MACHINERY & TRANSPORTATIO	712 N FARNSWORTH	W 1 - 2 (1.215 mi.)	O91	171
AURORA PAPERBOARD DIV DAVEY CO	705 N FARNSWORTH AVE	W 1 - 2 (1.231 mi.)	O96	225
SPEEDWAY 7540	948 NORTH FARNSWORTH R	,	P99	231
		` '		

State and tribal institutional control / engineering control registries

INST CONTROL: Legal or administrative restrictions on land use and/or other activities (e.g., groundwater use restrictions) which effectively limit exposure to contamination may be employed as alternatives to removal or treatment of contamination.

A review of the INST CONTROL list, as provided by EDR, and dated 04/23/2010 has revealed that there is 1 INST CONTROL site within approximately 1.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
VILLAGE MART ONE HOUR CLEANERS	950 NORTH FARNSWORTH	AWNW 1 - 2 (1.243 mi.)	P101	237

State and tribal voluntary cleanup sites

SRP: Illinois Environmental Protection Agency, Site Remediation Program Database

A review of the SRP list, as provided by EDR, and dated 04/23/2010 has revealed that there are 2 SRP sites within approximately 1.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GARTNER BUICK	2424 EAST NEW YORK STRE	S 1/2 - 1 (0.876 mi.)	H52	94
Lower Elevation	Address	Direction / Distance	Map ID	Page
VILLAGE MART ONE HOUR CLEANERS 950 NORTH FARNSWORTH AWWNW 1 - 2 (1.243 mi.)			P101	237

ADDITIONAL ENVIRONMENTAL RECORDS

Records of Emergency Release Reports

HMIRS: The Hazardous Materials Incident Report System contains hazardous material spill incidents reported to the Department of Transportation. The source of this database is the U.S. EPA.

A review of the HMIRS list, as provided by EDR, and dated 04/06/2010 has revealed that there are 4 HMIRS sites within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	685 MCCLURE RD	W 1/2 - 1 (0.836 mi.)	G31	70
Not reported	685 MCCLURE RD	W 1/2 - 1 (0.836 mi.)	G32	71
Not reported	685 MCCLURE ROAD	W 1/2 - 1 (0.836 mi.)	G33	71
Not reported	685 MC CLURE RD	W 1/2 - 1 (0.836 mi.)	G35	72

SPILLS: A listing of incidents reported to the Office of Emergency Response.

A review of the SPILLS list, as provided by EDR, and dated 04/19/2010 has revealed that there are 2 SPILLS sites within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	1901 PLAIN AVE	SW 1/2 - 1 (0.522 mi.)	B4	8
BURLINGTON NORTHERN RR	685 MCCLURE RD	W 1/2 - 1 (0.836 mi.)	G37	72

Other Ascertainable Records

RCRA-NonGen: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA-NonGen list, as provided by EDR, and dated 02/17/2010 has revealed that there are 9 RCRA-NonGen sites within approximately 1.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BRK FIRE EXTINGUISHERS	733 MCCLURE RD	W 1/2 - 1 (0.835 mi.)	29	67
SUPERIOR TOYOTA AMC JEEP INC	2121 E NEW YORK ST	S 1/2 - 1 (0.869 mi.)	H49	88
P C DISPLAY FINISHERS INC	1666 NORTH DEARBORN	WSW 1/2 - 1 (0.915 mi.)	<i>170</i>	114
BP AMOCO	1207 N EOLA RD	ENE 1/2 - 1 (0.922 mi.)	J72	120
Lower Elevation	Address	Direction / Distance	Map ID	Page
AURORA FAST FREIGHT INC	1859 PLAIN AVE	WSW 1/2 - 1 (0.592 mi.)	C11	11
ALLIANCE METAL TREATING	1900 PLAIN AVE.	WSW 1/2 - 1 (0.663 mi.)	17	19
BURLINGTON NORTHERN RAILROAD	685 MCCLURE ROAD	W 1/2 - 1 (0.836 mi.)	G40	74
BURLINGTON NORTHERN RAILROAD	685 MCCLURE RD	W 1/2 - 1 (0.836 mi.)	G41	77
BEST BLAST CORP	1500 DEARBORN ST	WSW 1 - 2 (1.141 mi.)	86	135

TRIS: The Toxic Chemical Release Inventory System identifies facilities that release toxic chemicals to the air, water, and land in reportable quantities under SARA Title III, Section 313. The source of this database is the U.S. EPA.

A review of the TRIS list, as provided by EDR, and dated 12/31/2008 has revealed that there is 1 TRIS site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
DUR-O-WAL INC	625 CRANE ST	WSW 1/2 - 1 (0.790 mi.)	E22	23

FTTS: FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act) over the previous five years. To maintain currency, EDR contacts the Agency on a quarterly basis.

A review of the FTTS list, as provided by EDR, and dated 04/09/2009 has revealed that there is 1 FTTS site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
DUR-O-WAL WIRE INC	625 CRANE AVE.	WSW 1/2 - 1 (0.790 mi.)	E24	55

HIST FTTS: A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

A review of the HIST FTTS list, as provided by EDR, and dated 10/19/2006 has revealed that there is 1 HIST FTTS site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
DUR-O-WAL WIRE INC	625 CRANE AVE.	WSW 1/2 - 1 (0.790 mi.)	E24	55

MLTS: The Material Licensing Tracking System is maintained by the Nuclear Regulatory Commission and contains a list fo approximately 8,100 sites which possess or use radioactive materials and are subject to NRC licensing requirements.

A review of the MLTS list, as provided by EDR, and dated 03/18/2010 has revealed that there is 1 MLTS site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PITTWAY CORP.	780 MCCLURE AVENUE	W 1/2 - 1 (0.835 mi.)	F26	62

FINDS: The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

A review of the FINDS list, as provided by EDR, and dated 04/14/2010 has revealed that there are 31 FINDS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
STONEBRIDGE COUNTRY CLUB	2500 STONEBRIDGE BLVD	NNE 1/4 - 1/2 (0.268 mi.)	A2	7
DUKANE PRECAST INC	2000 PLAIN AVENUE	SW 1/4 - 1/2 (0.408 mi.)	3	7
NANCY YOUNG ELEMENTARY SCHOOL	800 ASBURY DR	SE 1/2 - 1 (0.628 mi.)	15	18
AURORA PUMP	2301 LIBERTY	S 1/2 - 1 (0.640 mi.)	16	18
MOSER KENSINGTON JV	2200 E INDIAN TRAIL RD	N 1/2 - 1 (0.691 mi.)	D19	22
WYSY/WMRO RADIO	620 EOLA RD	ESE 1/2 - 1 (0.694 mi.)	20	22
WORLD COLOR DIRECT IMAGING	780 MC CLURE RD	W 1/2 - 1 (0.835 mi.)	F27	62
FREEDOM IMAGING SYSTEMS INC	780 MCCLURE RD	W 1/2 - 1 (0.835 mi.)	F28	66
BRK FIRE EXTINGUISHERS	733 MCCLURE RD	W 1/2 - 1 (0.835 mi.)	29	67
BALLCO MFG INC	2375 E LIBERTY ST	ESE 1/2 - 1 (0.838 mi.)	42	<i>7</i> 8
GOODWIN, DAN/VEBER	POSS RD & 4TH ST	ENE 1/2 - 1 (0.851 mi.)	43	84
CAPITAL CONTROL LTD DBA FOX	2115 E NEW YORK ST	S 1/2 - 1 (0.867 mi.)	H45	85
SUPERIOR TOYOTA AMC JEEP INC	2121 E NEW YORK ST	S 1/2 - 1 (0.869 mi.)	H49	88
GARTNER COLLISION REVISION	2424 E NEW YORK ST	S 1/2 - 1 (0.876 mi.)	H53	95
BILL JACOBS AURORA INC	2170 E NEW YORK ST	S 1/2 - 1 (0.882 mi.)	H59	103
NORB KORNAK OLDS INC	2175 E NEW YORK ST	S 1/2 - 1 (0.882 mi.)	H61	105
PDI INDUSTRIES INC	1666 DEARBORN AVE	WSW 1/2 - 1 (0.904 mi.)	164	110
FERNANDOS BODY WORKS	1660 DEARBORN AVE	WSW 1/2 - 1 (0.909 mi.)	168	113
P C DISPLAY FINISHERS INC	1666 NORTH DEARBORN	WSW 1/2 - 1 (0.915 mi.)	170	114
BP AMOCO	1207 N EOLA RD	ENE 1/2 - 1 (0.922 mi.)	J71	119
CASSENS TRANSPORT CO	3401 LIBERTY ST	ESE 1/2 - 1 (0.973 mi.)	M80	129
Lower Elevation	Address	Direction / Distance	Map ID	Page
U-PULL-IT	1901 PLAIN AVE	SW 1/2 - 1 (0.522 mi.)	B5	8
NATIONAL RENT-A-FENCE	1894 PLAIN AVE	WSW 1/2 - 1 (0.557 mi.)	B8	10
AURORA FAST FREIGHT INC	1859 PLAIN AVE	WSW 1/2 - 1 (0.592 mi.)	C11	11
MIDSTATES EXPRESS	1859 PLAIN AVE	WSW 1/2 - 1 (0.592 mi.)	C12	14
ALLIANCE METAL TREATING	1900 PLAIN AVE.	WSW 1/2 - 1 (0.663 mi.)	17	19
DUR-O-WAL WIRE INC	625 CRANE AVE.	WSW 1/2 - 1 (0.790 mi.)	E24	55
CITY AUTO WRECKERS	690 MCCLURE RD	W 1/2 - 1 (0.835 mi.)	G30	70
BURLINGTON NORTHERN RAILROAD	685 MCCLURE ROAD	W 1/2 - 1 (0.836 mi.)	G40	74
HEIMANN, MARY THERESE	2315 E NEW YORK ST	S 1/2 - 1 (0.853 mi.)	44	85
PROGRESSIVE TURNING	1680 MOUNTAIN ST	W 1/2 - 1 (0.872 mi.)	G51	91

DRYCLEANERS: Any business interested in operating a drycleaning facility in Illinois needs to apply for a license through the Illinois Drycleaner Environmental Response trust Fund.

A review of the DRYCLEANERS list, as provided by EDR, and dated 03/01/2010 has revealed that there are 3 DRYCLEANERS sites within approximately 1.25 miles of the target property.

Equal/Higher Elevation	levation Address		Map ID	Page
STONEBRIDGE CLEANERS	1242 NORTH FOLA ROAD	FNF 1/2 - 1 (0 939 mi)	K75	125

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
AMERICAN STAR CLEANERS	3150 NORTH AURORA ROAD	,	85	135
NEW CLEANERS	2849 EAST NEW YORK STRE		88	169

AIRS: A listing of air permits and emissions information.

A review of the AIRS list, as provided by EDR, and dated 12/31/2008 has revealed that there are 7 AIRS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	dress Direction / Distance		Page	
FREEDOM IMAGING SYSTEMS INC	780 MCCLURE RD	W 1/2 - 1 (0.835 mi.)	F28	66	
BRK FIRE EXTINGUISHERS	733 MCCLURE RD	W 1/2 - 1 (0.835 mi.)	29	67	
BALLCO MFG INC	2375 E LIBERTY ST	ESE 1/2 - 1 (0.838 mi.)	42	78	
GARTNER COLLISION REVISION	2424 EAST NEW YORK ST.	S 1/2 - 1 (0.876 mi.)	H55	99	
GARTNER COLLISION REVISION	2424 E NEW YORK	S 1/2 - 1 (0.876 mi.)	H57	101	
Lower Elevation	Address	Direction / Distance	Map ID	Page	
DUKANE PRECAST INC	2000 PLAIN AVE	SW 1/2 - 1 (0.549 mi.)	B7	9	
DUR-O-WAL WIRE INC	625 CRANE AVE	WSW 1/2 - 1 (0.790 mi.)	E23	23	

TIER 2: A listing of facilities which store or manufacture hazardous materials and submit a chemical inventory report.

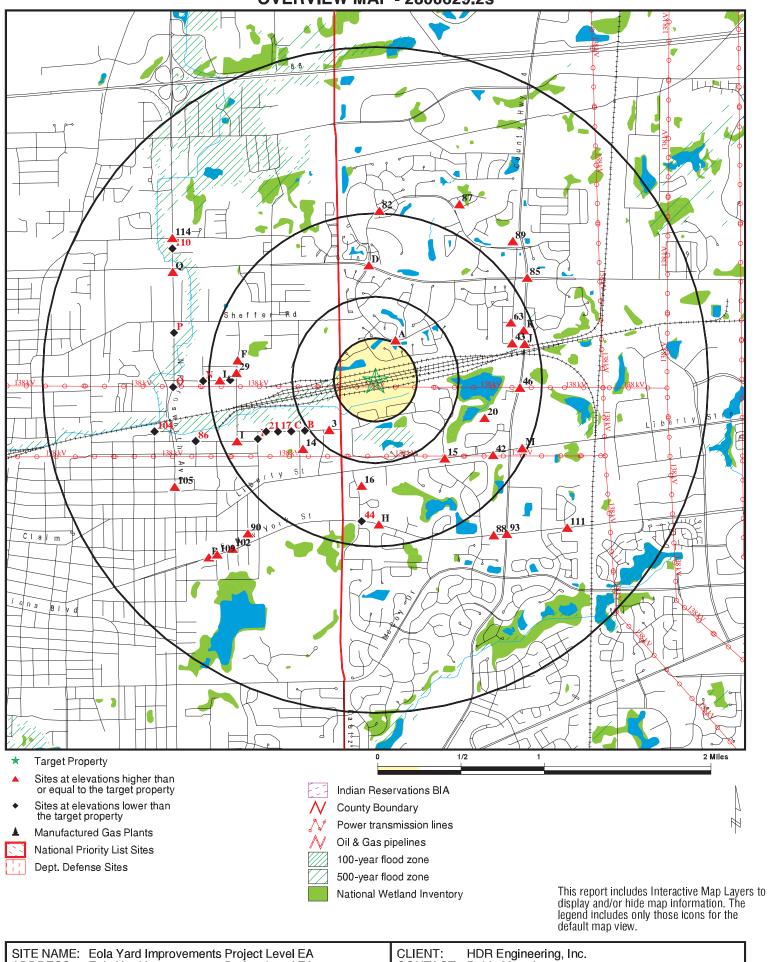
A review of the TIER 2 list, as provided by EDR, and dated 02/19/2010 has revealed that there are 3 TIER 2 sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page	
AURORA PUMP	2301 LIBERTY	S 1/2 - 1 (0.640 mi.)	16	18	
EXEL	2303 INDIAN TRAIL ROAD	N 1/2 - 1 (0.677 mi.)	D18	21	
CASSENS TRANSPORT COMPANY	3401 LIBERTY ST	ESE 1/2 - 1 (0.973 mi.)	M79	128	

Due to poor or inadequate address information, the following sites were not mapped:

Site Name	Database(s)
BATAVIA	TIER 2
DUR-O-WAL, INC.	TIER 2
AKZO NOBEL PAINTS LLC	TIER 2
RT 25 & E SULLIVAN RD	CERC-NFRAP
RT 31	CERC-NFRAP, CORRACTS, RCRA-LQG,
NT OI	TRIS, PADS, MANIFEST, MANIFEST
D W CLEANERS	DRYCLEANERS
ALL CLEANERS	DRYCLEANERS
PRIME CLEANERS	DRYCLEANERS
YOUNGS CLEANERS	DRYCLEANERS
SCHINDLBECK,JOE P	SWF/LF
BFI	SWF/LF
SHELL OIL PRODUCTS US	LUST
SPEEDWAY SUPERAMERICA	LUST
OAKHURST FOREST PRESERVE	UST
CITGO	UST
MARATHON CITGO STATION	UST
8600 WHARF ST	CHMIRS, HAZNET
SEARS 1660	RCRA-SQG
1020 NEW YORK ST	RCRA-NonGen, FINDS
4006 THRU 4080 FOX VALLEY	RCRA-NonGen, FINDS
PENSKE TRUCK LEASING	RCRA-CESQG, FINDS
IL & INDIAN TRL	FINDS, AIRS
875 RT 25	FINDS, AIRS
RT 25	FINDS, AIRS
RT 31	FINDS, AIRS
2211 S EOLA RD	FINDS, AIRS
MCCLURE RD	FINDS, AIRS
WISEMAN-HUGHES ENTERPRISES	SRP
BRK ELECTRONICS INC	AIRS
TELEDYNE PINES	AIRS
MIDWEST SOIL REMEDIATION INC	AIRS
BRK ELECTRONICS PITTWAY CORP	MANIFEST

OVERVIEW MAP - 2800629.2s



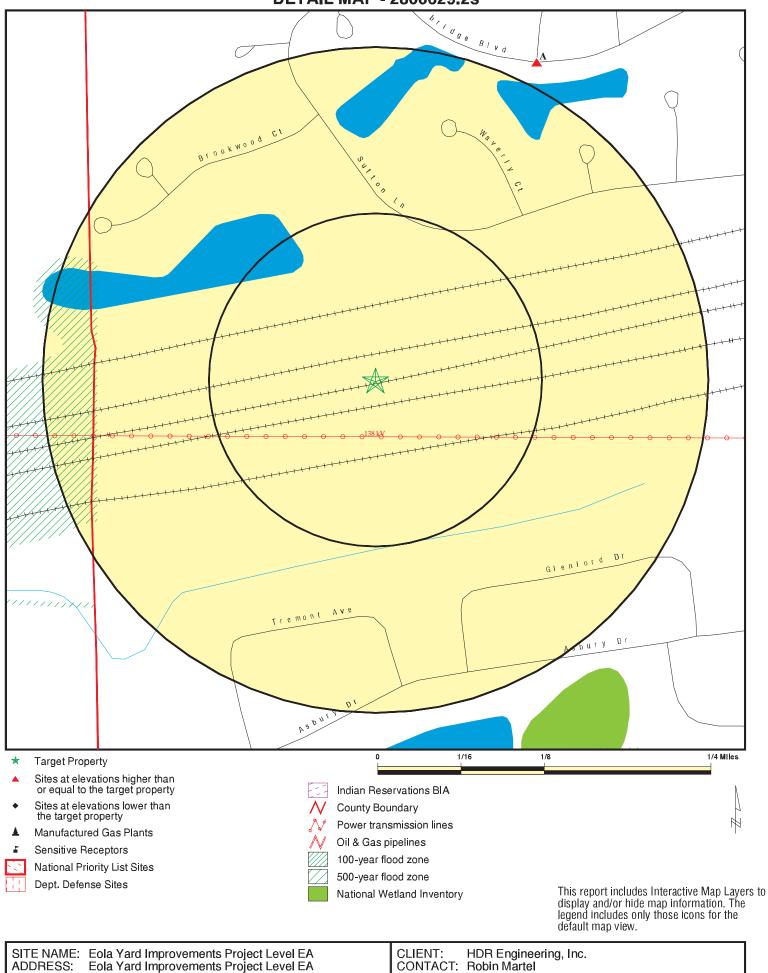
SITE NAME: Eola Yard Improvements Project Level EA ADDRESS: Eola Yard Improvements Project Level EA

Aurora IL 60504 LATALONG 80 41.27274/ 88.2583 CLIENT: CONTACT: Robin Martel

INQUIRY#: 2800629.2s

DATE: June 23, 2010 9:59 am

DETAIL MAP - 2800629.2s



SITE NAME: Eola Yard Improvements Project Level EA ADDRESS: Eola Yard Improvements Project Level EA

Aurora IL 60504 LAT/LONG: 141.77274/88.2583

INQUIRY#: 2800629.2s

DATE: June 23, 2010 10:00 am

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	>1	Total Plotted
STANDARD ENVIRONMENT	TAL RECORDS							
Federal NPL site list								
NPL Proposed NPL NPL LIENS		2.000 2.000 1.000	0 0 0	0 0 0	0 0 0	0 0 0	0 0 NR	0 0 0
Federal Delisted NPL sit	e list							
Delisted NPL		2.000	0	0	0	0	0	0
Federal CERCLIS list								
CERCLIS FEDERAL FACILITY		1.500 2.000	0 0	0 0	0 0	0 0	0 0	0 0
Federal CERCLIS NFRA	P site List							
CERC-NFRAP		1.500	0	0	0	2	0	2
Federal RCRA CORRAC	TS facilities li	st						
CORRACTS		2.000	0	0	0	1	0	1
Federal RCRA non-COR	RACTS TSD f	acilities list						
RCRA-TSDF		1.500	0	0	0	0	0	0
Federal RCRA generator	rs list							
RCRA-LQG RCRA-SQG RCRA-CESQG		1.250 1.250 1.250	0 0 0	0 0 0	0 0 0	0 4 5	0 1 4	0 5 9
Federal institutional con engineering controls reg								
US ENG CONTROLS US INST CONTROL		1.500 1.500	0 0	0 0	0 0	0 0	0	0 0
Federal ERNS list								
ERNS		1.000	0	0	0	4	NR	4
State- and tribal - equiva	alent NPL							
CAT		2.000	0	0	0	1	0	1
State- and tribal - equiva	alent CERCLIS	3						
SHWS		2.000	0	0	0	1	0	1
State and tribal landfill a solid waste disposal site								
SWF/LF LF SPECIAL WASTE IL NIPC		1.500 1.500 1.500	0 0 0	0 0 0	0 0 0	0 0 0	1 0 1	1 0 1
State and tribal leaking	storage tank l	ists						
LUST		1.500	0	0	1	11	19	31

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LUST TRUST INDIAN LUST		1.500 1.500	0 0	0 0	0 0	0 0	1 0	1 0
State and tribal registere	d storage tar	nk lists						
UST INDIAN UST FEMA UST		1.250 1.250 1.250	0 0 0	0 0 0	0 0 0	15 0 0	5 0 0	20 0 0
State and tribal institutio control / engineering con		es						
ENG CONTROLS INST CONTROL		1.500 1.500	0 0	0 0	0 0	0 0	0 1	0 1
State and tribal voluntary	/ cleanup site	es						
SRP INDIAN VCP		1.500 1.500	0 0	0 0	0 0	1 0	1 0	2 0
State and tribal Brownfie	lds sites							
BROWNFIELDS		1.500	0	0	0	0	0	0
ADDITIONAL ENVIRONMEN	TAL RECORDS	<u>s</u>						
Local Brownfield lists								
US BROWNFIELDS		1.500	0	0	0	0	0	0
Local Lists of Landfill / S Waste Disposal Sites	olid							
DEBRIS REGION 9		1.500	0	0	0	0	0	0
ODI LF SPECIAL WASTE		1.500 1.500	0 0	0 0	0 0	0 0	0 0	0 0
INDIAN ODI		1.500	0	0	0	0	0	0
Local Lists of Hazardous Contaminated Sites	waste /							
US CDL		1.000	0	0	0	0	NR	0
CDL US HIST CDL		1.000 1.000	0 0	0 0	0 0	0 0	NR NR	0 0
Local Land Records								
LIENS 2 LUCIS		1.000 1.500	0 0	0 0	0 0	0 0	NR 0	0 0
Records of Emergency R	Release Repo	rts						
HMIRS SPILLS		1.000 1.000	0 0	0 0	0 0	4 2	NR NR	4 2
Other Ascertainable Rec	ords							
RCRA-NonGen DOT OPS DOD		1.250 1.000 2.000	0 0 0	0 0 0	0 0 0	8 0 0	1 NR 0	9 0 0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FUDS		2.000	0	0	0	0	0	0
CONSENT		2.000	0	0	0	0	0	0
ROD		2.000	0	0	0	0	0	0
UMTRA		1.500	0	0	0	0	0	0
MINES		1.250	0	0	0	0	0	0
TRIS		1.000	0	0	0	1	NR	1
TSCA FTTS		1.000 1.000	0 0	0 0	0 0	0 1	NR NR	0 1
HIST FTTS		1.000	0	0	0	1	NR	1
SSTS		1.000	0	0	0	0	NR	0
ICIS		1.000	0	0	0	0	NR	0
PADS		1.000	Ö	ő	Ö	0	NR	0
MLTS		1.000	Ö	Ö	Ö	1	NR	1
RADINFO		1.000	0	0	0	0	NR	0
FINDS		1.000	0	0	2	29	NR	31
RAATS		1.000	0	0	0	0	NR	0
UIC		1.000	0	0	0	0	NR	0
NPDES		1.000	0	0	0	0	NR	0
DRYCLEANERS		1.250	0	0	0	1	2	3
IMPDMENT		0.500	0	0	0	NR	NR	0
AIRS		1.000	0	0	0	7	NR	7
TIER 2		1.000	0	0	0	3	NR	3
INDIAN RESERV		2.000	0	0	0	0	0	0
SCRD DRYCLEANERS		1.500	0	0	0	0	0	0
PCB TRANSFORMER COAL ASH EPA		1.000	0	0	0	0	NR 0	0
COAL ASH DOE		1.500 1.000	0 0	0 0	0 0	0 0	NR	0 0
COAL ASH DOE		1.000	U	U	U	U	INIX	U
EDR PROPRIETARY RECOR	<u>DS</u>							
EDR Proprietary Records								
Manufactured Gas Plants		2.000	0	0	0	0	0	0
EDR Historical Auto Station	าร	1.250	Ö	Ö	Ö	Ö	Ö	Ö
EDR Historical Cleaners		1.250	Ö	0	Ö	Ö	Ö	Ö

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Direction Distance

Distance Elevation Site EDR ID Number

Database(s) EPA ID Number

A1 STONEBRIDGE COUNTRY CLUB LUST S103690705
NNE 2500 STONEBRIDGE BLVD. LUST S103690705
N/A

1/4-1/2 AURORA, IL 60504

0.268 mi.

1412 ft. Site 1 of 2 in cluster A

Relative: LUST:

Higher Actual:

719 ft.

| Incident Num: 990137 |
| IL EPA Id: 0894075796 |
| Product: Gasoline, Deisel |
| IEMA Date: 1/22/1999 |
| Project Manager: Campbell |

Project Manager: Campbell
Project Manager Phone: (217) 782-6762
Email: Not reported

PRP Name: Stonebridge Country Club

PRP Contact: Parin Schmidt
PRP Address: 2705 Stonebridge Blvd.
PRP City,St,Zip: Aurora, IL 60504
PRP Phone: 6308986139
Site Classification: Not reported

Section 57.5(g) Letter: 732

Non LUST Determination Letter: Not reported 20 Report Received: 4/5/1999 45 Report Received: 4/5/1999 Section 57.5(g) Letter: Not reported NFA/NFR Letter: 12/9/1999 NFR Date Recorded: 2/14/2000

A2 STONEBRIDGE COUNTRY CLUB FINDS 1008120527
NNE 2500 STONEBRIDGE BLVD N/A

1/4-1/2 AURORA, IL 60504

0.268 mi.

1412 ft. Site 2 of 2 in cluster A

Relative: FINDS:

Higher

Registry ID: 110018171538

Actual: 719 ft.

Environmental Interest/Information System

ACES (Illinois - Agency Compliance And Enforcement System) is the

Illinois EPA Project to facilitate the permitting operations

3 DUKANE PRECAST INC FINDS 1004475688 SW 2000 PLAIN AVENUE N/A

1/4-1/2 AURORA, IL 60505 0.408 mi.

0.408 mi. 2154 ft.

Relative: FINDS:

Higher

Registry ID: 110001339784

Actual: 712 ft.

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of

Aerometric Data (SAROAD). AIRS is the national repository for

Direction Distance Elevation

evation Site

Database(s)

EDR ID Number EPA ID Number

DUKANE PRECAST INC (Continued)

1004475688

information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

ACES (Illinois - Agency Compliance And Enforcement System) is the Illinois EPA Project to facilitate the permitting operations

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

PCS (Permit Compliance System) is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

B4 SPILLS \$109699896 SW 1901 PLAIN AVE N/A

SW 1901 PLAIN AVE 1/2-1 AURORA, IL

0.522 mi.

2758 ft. Site 1 of 7 in cluster B

Relative: SPILLS:

 Lower
 Incident ID:
 20090663

 Facility Address:
 1901 PLAIN AVE

 Actual:
 Facility City:
 AURORA

703 ft. PRP Name: U-PULL IT AUTO PARTS

B5 U-PULL-IT FINDS 1008123009
SW 1901 PLAIN AVE N/A

SW 1901 PLAIN AVE 1/2-1 AURORA, IL 60505

0.522 mi.

2758 ft. Site 2 of 7 in cluster B

Relative: FINDS:

Lower

Registry ID: 110018196496

Actual: 703 ft. Environmental Interest/Information System

ACES (Illinois - Agency Compliance And Enforcement System) is the

Illinois EPA Project to facilitate the permitting operations

Direction Distance

Elevation Site Database(s) EPA ID Number

B6 1901 PLAIN AVENUE ERNS 2009909139
SW 1901 PLAIN AVENUE N/A

SW 1901 PLAIN AVE 1/2-1 AURORA, IL

0.522 mi.

2758 ft. Site 3 of 7 in cluster B

Relative: Click this hyperlink while viewing on your computer to access Lower

.ower additional ERNS detail in the EDR Site Report.

Actual:

SW 2000 PLAIN AVE 1/2-1 AURORA, IL 60505

0.549 mi. 2896 ft.

896 ft. Site 4 of 7 in cluster B

Relative: IL AIRS:

Lower Facility ID: 16115
Facility Address 2: Not reported
Actual: Contact Name: Tom Gorman
702 ft. Contact Title: Not reported

Contact Tele: 630-898-6311
Contact Extention: Not reported

Contact EMail: tgorman@dukaneprecast.com

Contact Fax: 630-355-0441 Lat/Long: 41.768000 / -88.266000

ID Number: 089407AAM
Cease Operation Date: Not reported
SIC Code: 3273
Address Type Code: LOC
Year: 2006

Emissions:

Year:

Emissions Type:

Id Num:

Pollutant Code:

Tons per Year:

Last Updated By:

Last Updated Date:

Not reported

Not reported

Not reported

Not reported

Not reported

Not reported

Facility ID: 16115 Facility Address 2: Not reported Contact Name: Tom Gorman Contact Title: Not reported Contact Tele: 630-898-6311 Contact Extention: Not reported Contact EMail: Not reported Contact Fax: Not reported Lat/Long: Not reported ID Number: 089407AAM Cease Operation Date: Not reported SIC Code: 3273

Address Type Code: Not reported Year: 2007

Emissions:

Year: Not reported Emissions Type: Not reported Id Num: Not reported

EDR ID Number

MAP FINDINGS Map ID

Direction Distance

Elevation Site Database(s) **EPA ID Number**

DUKANE PRECAST INC (Continued)

Pollutant Code: Not reported Tons per Year: Not reported Last Updated By: Not reported Last Updated Date: Not reported

B8

FINDS 1008123083 **NATIONAL RENT-A-FENCE** 1894 PLAIN AVE N/A

wsw 1/2-1 AURORA, IL 60505

0.557 mi.

2943 ft. Site 5 of 7 in cluster B

FINDS: Relative:

Lower Actual:

Registry ID: 110018197235

702 ft. Environmental Interest/Information System

ACES (Illinois - Agency Compliance And Enforcement System) is the

Illinois EPA Project to facilitate the permitting operations

В9 **NATIONAL RENT-A-FENCE** LUST S104523155 N/A

wsw 1894 PLAIN AVE. 1/2-1 AURORA, IL 60505

0.557 mi.

2943 ft. Site 6 of 7 in cluster B

LUST: Relative:

Incident Num: 941271 Lower IL EPA Id: 0894075905

Actual: Product: Gasoline 702 ft. IEMA Date: 6/8/1994 Project Manager: Putrich

(217) 524-4827 Project Manager Phone:

Email: Steve.Putrich@illinois.gov PRP Name: National Rent-A-Fence PRP Contact: Dennis McFarlind PRP Address: 6303 Zenith PRP City,St,Zip: Dallas, TX 75212 PRP Phone: Not reported

Site Classification: LOW Section 57.5(g) Letter: 732

Non LUST Determination Letter: Not reported 9/23/1994 20 Report Received: 45 Report Received: 9/23/1994 Section 57.5(g) Letter: Not reported NFA/NFR Letter: Not reported NFR Date Recorded: Not reported

EDR ID Number

S107741532

Direction Distance

Distance EDR ID Number Database(s) EPA ID Number

B10 NATIONAL RENT A FENCE CO UST U001965304
WSW 1894 PLAIN AVE N/A

1/2-1 AURORA, IL 60506

0.557 mi.

2943 ft. Site 7 of 7 in cluster B

Relative: UST:

Relative:

Lower Facility ID: 2033117
Facility Status: Closed

Actual: 702 ft.

Facility Type: Industrial / Manufacturing

Owner Name: M&M Properties
Owner Id: U0022905

Owner Address: 10403 Glenoaks Blvd
Owner City,St,Zip: Pacoima, CA 91331

Tank Number: Tank Capacity: 10000 Tank Substance: Gasoline 6/8/1994 Last Used Date: **OSFM First Notify Date:** 5/5/1994 Tank Status: Removed Red Tag Issue Date: Not reported Install Date: 1/1/1902 **Green Tag Decal:** Not reported Not reported **Green Tag Issue Date: Green Tag Expire Date:** Not reported Self Service Permit Inspection Date:Not reported **Self Service Permit Expire Date:** Not reported Fee Due: Not reported

Tank Number: 2 500 Tank Capacity: Tank Substance: Diesel Fuel Last Used Date: 6/8/1994 OSFM First Notify Date: 5/5/1994 **Tank Status:** Removed Red Tag Issue Date: Not reported 1/1/1902 Install Date: Green Tag Decal: Not reported **Green Tag Issue Date:** Not reported **Green Tag Expire Date:** Not reported Self Service Permit Inspection Date:Not reported **Self Service Permit Expire Date:** Not reported Fee Due: Not reported

C11 AURORA FAST FREIGHT INC

WSW 1859 PLAIN AVE 1/2-1 AURORA, IL 60505

0.592 mi.

3126 ft. Site 1 of 3 in cluster C

Relative: RCRA-NonGen:

Lower Date form received by agency: 07/30/2009

Facility name: AURORA FAST FREIGHT INC Facility address: 1859 PLAIN AVE

Actual: 700 ft.

1859 PLAIN AVE AURORA, IL 60505

EPA ID: ILD004789400

Contact: KENNETH HARTMANN
Contact address: 1859 PLAIN AVE

1000340792

ILD004789400

RCRA-NonGen

FINDS

LUST

Direction Distance Elevation

Elevation Site Database(s) EPA ID Number

AURORA FAST FREIGHT INC (Continued)

1000340792

EDR ID Number

AURORA, IL 60505

Contact country: US

Contact telephone: (312) 898-4414 Contact email: Not reported

EPA Region: 05

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: NAME NOT REPORTED
Owner/operator address: ADDRESS NOT REPORTED
CITY NOT REPORTED, AK 99998

Owner/operator country:
Owner/operator telephone:
Legal status:
Owner/Operator Type:
Owner/Op start date:
Owner/Op end date:
Not reported
Not reported
Not reported

Owner/operator name: NAME NOT REPORTED
Owner/operator address: ADDRESS NOT REPORTED
OUT NOT REPORTED AN ADDRESS NOT REPORTED AND ADDRESS NOT REPORTED ADDRESS NOT

CITY NOT REPORTED, AK 99998

Owner/operator country: Not reported
Owner/operator telephone: (312) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown Mixed waste (haz. and radioactive): Unknown Recycler of hazardous waste: Unknown Transporter of hazardous waste: No Treater, storer or disposer of HW: Unknown Underground injection activity: Unknown On-site burner exemption: Unknown Furnace exemption: Unknown Used oil fuel burner: Unknown Used oil processor: Unknown User oil refiner: Unknown Used oil fuel marketer to burner: Unknown Used oil Specification marketer: Unknown Used oil transfer facility: Unknown Used oil transporter: Unknown

Off-site waste receiver: Verified to be non-commercial

Universal Waste Summary:

Waste type: Batteries Accumulated waste on-site: No

Generated waste on-site: Not reported

Waste type: Lamps
Accumulated waste on-site: No

Generated waste on-site: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

AURORA FAST FREIGHT INC (Continued)

1000340792

EDR ID Number

Waste type: Pesticides

Accumulated waste on-site: No

Generated waste on-site: Not reported

Waste type: Thermostats

Accumulated waste on-site: No

Generated waste on-site: Not reported

Historical Generators:

Date form received by agency: 04/07/1982

Facility name: AURORA FAST FREIGHT INC Classification: Not a generator, verified

Hazardous Waste Summary:

Waste code: D000
Waste name: Not Defined

Waste code: D001

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF

LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT

WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002

Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS

CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE

DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: F001

Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING:

TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED

FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE

SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F002

Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE,

METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE,

CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND

1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND

SPENT SOLVENT MIXTURES.

Direction Distance

Elevation Site Database(s) EPA ID Number

AURORA FAST FREIGHT INC (Continued)

1000340792

EDR ID Number

Waste code: F004

Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: CRESOLS AND CRESYLIC

ACID, AND NITROBENZENE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE

SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

FINDS:

Registry ID: 110005812059

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA

program staff to track the notification, permit, compliance, and

corrective action activities required under RCRA.

LUST:

 Incident Num:
 981859

 IL EPA Id:
 0894075071

 Product:
 Deisel

 IEMA Date:
 7/29/1998

 Project Manager:
 Kaiser

Project Manager Phone: (217) 524-4650
Email: Karl.Kaiser@illinois.gov
PRP Name: Aurora Fast Freight
PRP Contact: Bruce Hartman
PRP Address: 1859 Plain Ave.
PRP City,St,Zip: Aurora, IL 60506
PRP Phone: 6309060250

PRP Phone: 6309060250
Site Classification: HIGH
Section 57.5(g) Letter: 732
Non LUST Determination Letter: Not reported

20 Report Received: 8/25/1998
45 Report Received: 11/2/1998
Section 57.5(g) Letter: Not reported
NFA/NFR Letter: Not reported
NFR Date Recorded: Not reported

C12 MIDSTATES EXPRESS FINDS 1007450976
WSW 1859 PLAIN AVE FINDS 1007450976

WSW 1859 PLAIN AVE 1/2-1 AURORA, IL 60505 0.592 mi.

3126 ft. Site 2 of 3 in cluster C

Relative: FINDS:

Lower

Registry ID: 110017873050

Actual:

700 ft. Environmental Interest/Information System

ACES (Illinois - Agency Compliance And Enforcement System) is the

Illinois EPA Project to facilitate the permitting operations

Direction Distance

EDR ID Number Elevation Site **EPA ID Number** Database(s)

MIDSTATES EXPRESS (Continued)

1007450976

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

C13 **MIDSTATES EXPRESS** RCRA-SQG 1007370584 wsw 1859 PLAIN AVE ILR000128678

1/2-1 AURORA, IL 60505

0.592 mi.

3126 ft. Site 3 of 3 in cluster C

RCRA-SQG: Relative:

Date form received by agency: 06/09/2004 Lower

MIDSTATES EXPRESS Facility name:

Actual: Facility address: 1859 PLAIN AVE 700 ft. AURORA, IL 60505

EPA ID: ILR000128678 HAROLD J FERENCZI Contact: Contact address: 1859 PLAIN AVE

AURORA, IL 60505

Not reported Contact country: Contact telephone: (219) 873-0666 Contact email: Not reported

EPA Region: 05

Classification: Small Small Quantity Generator

Description: Handler: generates more than 100 and less than 1000 kg of hazardous

waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of

hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: MIDSTATES EXPRESS Owner/operator address: 1859 PLAIN AVE

AURORA, IL 60505

Owner/operator country: US

Owner/operator telephone: Not reported Legal status: Private Owner/Operator Type: Operator Owner/Op start date: 05/15/2002 Owner/Op end date: Not reported

Owner/operator name: MIDSTATES EXPRESS Owner/operator address: 1859 PLAIN AVE AURORA, IL 60505

Owner/operator country: US

Owner/operator telephone: Not reported Legal status: Private Owner/Operator Type: Owner Owner/Op start date: 05/15/2002 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No

Direction Distance

Elevation Site Database(s) EPA ID Number

MIDSTATES EXPRESS (Continued)

1007370584

EDR ID Number

Mixed waste (haz. and radioactive): No Recycler of hazardous waste: No Transporter of hazardous waste: No Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: No Furnace exemption: No Used oil fuel burner: Nο Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: No Used oil transporter: No

Off-site waste receiver: Commercial status unknown

Hazardous Waste Summary:

Waste code: D002

Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS

CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE

DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Violation Status: No violations found

14 BURLINGTON NORTHERN RAILROAD SW

LUST S105250537 IMPDMENT N/A

1/2-1 , IL 0.601 mi.

3175 ft.

Relative: LUST:

Actual:

711 ft.

Higher Incident Num: 921638

IL EPA Id: 0730055003
Product: Gasoline
IEMA Date: 6/16/1992
Project Manager: Irwin

Project Manager Phone: Not reported Email: Not reported

PRP Name: Burlington Northern Railroad

PRP Contact:
PRP Address:
PRP City,St,Zip:
PRP Phone:
Site Classification:
Contine 57.5(x) Letters

Joe Fleagle
Scotling Flea

Section 57.5(g) Letter: 731

Non LUST Determination Letter: Not reported 7/16/1992

45 Report Received: 9/3/1992

Section 57.5(g) Letter: Not reported NFA/NFR Letter: 3/9/1993

NFR Date Recorded: Not reported

SIA:

Area: 0.00000000000

Direction Distance Elevation

Site Database(s) EPA ID Number

BURLINGTON NORTHERN RAILROAD (Continued)

Perimeter: 0.00000000000

 County FIPS Code:
 089

 Place Code:
 38882

 Type of Impoundment Facility:
 MINING

 SIA Number:
 00087

 # of impoundments at Site:
 002

 IEPA ID:
 0

 NPDES Permit #:
 IL0037656

NPDES Permit #: IL003/65
SIC Code 2: 1211
Latitude: 414600
Longitude: 0881600
Date Facility Id'd and Inventoried: 41879

Land owner street address: 547 WEST JACKSON BLVD Land Owner City, St, Zip: CHICAGO, IL 60606

Operator of impoundment: Not reported Operator address: Not reported

Operator City,St,Zip: 0
State Abbreviation: IL
County FIPS Code: 089
Place Code: 38882
Type of Impoundment Facility 2: MINING
SIA Number: 00087
Unique impoundment Number: 002

Purpose For Impoundment: TREATMENT Explanation For Above: STABILIZATN

Age of Impoundment in Years: 14
Impoundment Currently In Use: Yes
of years in Operation if In Use: 14

P4558 Unique Record # assigned by S. Schock: Last Year of Operation if Not in Use: 0000 Surface Area of all impoundments (acres): 000007 Surface Area of all impoundments (acres): 0000014 Average Influent (Gal/day) Into Impoundment: 00000000 Year of Record for above (influent) average: 0000 00000000 Average Effluent (gal/day) out of impoundment: Year of record for above (effluent) average: 0000 000024000 Year of record for above average: Year of record for above average: 1971 Avg Effluent for all Impoundments at facility: 000007200 Year of Record for above Average: 1974 Bottom of Liner: NONE If Liner Type ?? Above, Thickness (inches): 000

Description of Liner Type If ?? Above:

If Agricultural Impoundment, Type of Livestock:

Not reported Not reported Not reported If Agricultural Impoundment, Average Daily # Livestock: 000000

Number of Monitoring Wells:

Frequency Of Groundwater Samplings: Not reported Explanation Of GW Sampling if Other: Not reported GW Quality Changes Detected: Not reported UNKNOWN Seepage Affected Drnk Water Wells Within 1 Mile: Site Features: RU Dun and Bradst # Identifying Facility Type 2: Not reported Dun and Bradst # Identifying Operator Business 2: Not reported Dun and Bradst # Identifying Facility Type 2: Not reported Dun and Bradst # Identifying Operator Business 2: Not reported

SIC Code 2: 1211

S105250537

EDR ID Number

MAP FINDINGS Map ID

Direction Distance

Elevation Site Database(s) **EPA ID Number**

15 NANCY YOUNG ELEMENTARY SCHOOL **FINDS** 1008256292 SE

800 ASBURY DR N/A

1/2-1 AURORA, IL 60502

0.628 mi. 3315 ft.

FINDS: Relative:

Higher

Registry ID: 110036921418

Actual: 729 ft.

Environmental Interest/Information System

NCES (National Center for Education Statistics) is the primary federal entity for collecting and analyzing data related to education in the United States and other nations and the institute of education

sciences.

1010038632 16 **AURORA PUMP FINDS** South 2301 LIBERTY TIER 2 N/A

1/2-1 0.640 mi. 3379 ft.

FINDS: Relative:

AURORA, IL 60504

Higher

Registry ID: 110028076196

Actual: 718 ft.

Environmental Interest/Information System

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

TIER 2:

Corporate Name: Verizon Wireless Latitude: 41.764519483000001 Longitude: -88.262310835999898 SULFURIC ACID Chemical Name: 7664939 CAS Number:

Max Daily Range: 100 - 999 Year: 2008

Corporate Name: Verizon Wireless Latitude: 41.764519483000001 -88.262310835999898 Lonaitude: Chemical Name: SULFURIC ACID

CAS Number: 7664939 100 - 999 Max Daily Range:

EDR ID Number

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

AURORA PUMP (Continued) 1010038632

Year: 2009

17 **ALLIANCE METAL TREATING** RCRA-NonGen 1000182949 wsw **FINDS** 1900 PLAIN AVE. ILD067995621

1/2-1 AURORA, IL 60504

0.663 mi. 3499 ft.

RCRA-NonGen: Relative:

Date form received by agency: 04/20/1998 Lower

ALLIANCE METAL TREATING INC Facility name:

Actual: 1900 PLAIN AVE Facility address: 703 ft.

AURORA, IL 60505 EPA ID: ILD067995621 P O BOX 68 Mailing address:

EOLA, IL 60519

Not reported Contact: Contact address: Not reported

Not reported Contact country: Not reported Contact telephone: Not reported Contact email: Not reported

EPA Region: 05

Land type: Facility is not located on Indian land. Additional information is not known.

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

CATCHPOLE DONALD Owner/operator name: Owner/operator address: ADDRESS NOT REPORTED

CITY NOT REPORTED, AK 99998

Owner/operator country: Not reported Owner/operator telephone: (312) 555-1212 Legal status: Private Owner/Operator Type: Owner Owner/Op start date: Not reported Owner/Op end date: Not reported

Owner/operator name: NAME NOT REPORTED Owner/operator address: ADDRESS NOT REPORTED CITY NOT REPORTED, AK 99998

Not reported

Owner/operator country: Owner/operator telephone: (312) 555-1212 Legal status: Private Owner/Operator Type: Operator

Owner/Op start date: Not reported Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown Mixed waste (haz. and radioactive): Unknown No Recycler of hazardous waste: Transporter of hazardous waste: No Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: Unknown Furnace exemption: Unknown

Direction Distance Elevation

levation Site Database(s) EPA ID Number

ALLIANCE METAL TREATING (Continued)

1000182949

EDR ID Number

Used oil fuel burner:

Used oil processor:

User oil refiner:

Used oil fuel marketer to burner:

Used oil Specification marketer:

Used oil transfer facility:

Used oil transporter:

No

No

Off-site waste receiver: Verified to be non-commercial

Historical Generators:

Date form received by agency: 07/09/1987

Facility name: ALLIANCE METAL TREATING INC

Classification: Small Quantity Generator

Hazardous Waste Summary:

Waste code: D000
Waste name: Not Defined

Waste code: F001

Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING:

TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED

FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED

IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE

SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 01/13/1998

Evaluation: COMPLIANCE ASSISTANCE VISIT

Area of violation:

Date achieved compliance:

Evaluation lead agency:

Not reported

Not reported

State

FINDS:

Registry ID: 110001382156

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

ACES (Illinois - Agency Compliance And Enforcement System) is the Illinois EPA Project to facilitate the permitting operations

Map ID MAP FINDINGS
Direction

Distance EDR ID Number Elevation Site EDR ID Number Database(s) EPA ID Number

ALLIANCE METAL TREATING (Continued)

1000182949

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

D18 EXEL TIER 2 S110152460
North 2303 INDIAN TRAIL ROAD N/A

North 2303 INDIAN TRAIL ROA 1/2-1 AURORA, IL 60506

0.677 mi.

3572 ft. Site 1 of 2 in cluster D

Relative: Higher TIER 2:

er Corporate Name: Exel

Latitude: 41.7809499999999898

Actual: Longitude: -88.37202000000006

732 ft. Chemical Name: ANHYDROUS AMMONIA

CAS Number: 7664417 Max Daily Range: 10,000 - 99,999

Year: 2008

Corporate Name: Exel

 Latitude:
 41.780949999999898

 Longitude:
 -88.372020000000006

 Chemical Name:
 ANHYDROUS AMMONIA

CAS Number: 7664417
Max Daily Range: 10,000 - 99,999

Year: 2009

MAP FINDINGS Map ID

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

D19 **MOSER KENSINGTON JV FINDS** 1008133740

N/A

North 2200 E INDIAN TRAIL RD AURORA, IL 60504 1/2-1

0.691 mi.

3646 ft. Site 2 of 2 in cluster D

FINDS: Relative:

Higher

Registry ID: 110018304217

Actual: 734 ft.

Environmental Interest/Information System

ACES (Illinois - Agency Compliance And Enforcement System) is the

Illinois EPA Project to facilitate the permitting operations

WYSY/WMRO RADIO 20 **FINDS** 1008123170 N/A

ESE 620 EOLA RD

AURORA, IL 60507 1/2-1

0.694 mi. 3664 ft.

FINDS: Relative:

Higher

Registry ID: 110018198109

Actual: 716 ft.

Environmental Interest/Information System

ACES (Illinois - Agency Compliance And Enforcement System) is the

Illinois EPA Project to facilitate the permitting operations

21 AURORA FAST FREIGHT, INC. UST U002113026 N/A

WSW 1859 PLAIN AVENUE 1/2-1 AURORA, IL 60505

0.726 mi. 3831 ft.

UST: Relative:

2001478 Facility ID: Lower Facility Status: Closed

Actual: Facility Type: None 706 ft.

Owner Name: Aurora Fast Freight, Inc.

Owner Id: U0000967 Owner Address: 1859 Plain Ave. Owner City, St, Zip: Aurora, IL 60505

Tank Number: Tank Capacity: 10000 Tank Substance: Diesel Fuel Last Used Date: Not reported 2/28/1986 **OSFM First Notify Date:** Tank Status: Removed Red Tag Issue Date: Not reported Install Date: Not reported **Green Tag Decal:** Not reported **Green Tag Issue Date:** Not reported **Green Tag Expire Date:** Not reported Self Service Permit Inspection Date:Not reported **Self Service Permit Expire Date:** Not reported Map ID MAP FINDINGS Direction

Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

AURORA FAST FREIGHT, INC. (Continued)

Fee Due: No

Tank Number: 2 Tank Capacity: 10000 Tank Substance: Diesel Fuel Not reported Last Used Date: 2/28/1986 OSFM First Notify Date: Tank Status: Removed Red Tag Issue Date: Not reported Install Date: Not reported **Green Tag Decal:** Not reported **Green Tag Issue Date:** Not reported **Green Tag Expire Date:** Not reported Self Service Permit Inspection Date:Not reported **Self Service Permit Expire Date:** Not reported

Fee Due: No

3 Tank Number: Tank Capacity: 20000 Tank Substance: Diesel Fuel Not reported Last Used Date: **OSFM First Notify Date:** Not reported Tank Status: Not Installed Red Tag Issue Date: Not reported Install Date: Not reported **Green Tag Decal:** Not reported **Green Tag Issue Date:** Not reported **Green Tag Expire Date:** Not reported Self Service Permit Inspection Date:Not reported **Self Service Permit Expire Date:** Not reported Fee Due: Not reported

E22 **DUR-O-WAL INC TRIS** 1005450237 wsw

625 CRANE ST 60505DRWLN62

AURORA, IL 60505 1/2-1

0.790 mi.

4170 ft. Site 1 of 4 in cluster E

Relative: Lower

Actual:

5822

708 ft. E23 **DUR-O-WAL WIRE INC AIRS** S107741549 N/A

wsw **625 CRANE AVE** 1/2-1 AURORA, IL 60505

0.790 mi.

4170 ft. Site 2 of 4 in cluster E

IL AIRS: Relative: Lower Facility ID:

Facility Address 2: Not reported Actual: Contact Name: Michael Smith 708 ft.

Contact Title: Not reported Contact Tele: 630-898-1101

> Contact Extention: 345

Contact EMail: mikesmith@daytonsuperior.com U002113026

Map ID MAP FINDINGS
Direction

Distance

Elevation Site Database(s) EPA ID Number

DUR-O-WAL WIRE INC (Continued)

Contact Fax: 630-898-8331

Lat/Long: 41.767450 / -88.270800

ID Number: 089005AGU
Cease Operation Date: Not reported
SIC Code: 3499

Address Type Code: LOC Year: 2006

Emissions:

Year: 2007

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: SO2
Tons per Year: .000000
Last Updated By: Not reported Last Updated Date: Not reported

Year: 2007

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PART Tons per Year: 1.330000 Last Updated By: Not reported Last Updated Date: Not reported

Year: 2007

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PM10
Tons per Year: 1.330000
Last Updated By: Not reported Last Updated Date: Not reported

Year: 2007

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: HCL
Tons per Year: .617300
Last Updated By: Not reported Last Updated Date: Not reported

Year: 2007

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: CO
Tons per Year: .630000
Last Updated By: Not reported Last Updated Date: Not reported

Year: 2007

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: VOM
Tons per Year: .040000
Last Updated By: Not reported Last Updated Date: Not reported

TC2800629.2s Page 24

EDR ID Number

S107741549

Distance

Elevation Site Database(s) EPA ID Number

DUR-O-WAL WIRE INC (Continued)

S107741549

EDR ID Number

Year: 2007

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: NOX
Tons per Year: .750000
Last Updated By: Not reported Last Updated Date: Not reported

Year: 2006

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:VOMTons per Year:0.73320Last Updated By:EPA2110Last Updated Date:05/29/02

Year: 2006

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:PARTTons per Year:5

Last Updated By: EPA2110
Last Updated Date: 05/29/02

Year: 2006

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:HCLTons per Year:3.63896Last Updated By:EPA2110Last Updated Date:05/29/02

Year: 2006

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: SO2
Tons per Year: 0.01
Last Updated By: Not reported Last Updated Date: Not reported

Year: 2006

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PART Tons per Year: 0.159
Last Updated By: Not reported Last Updated Date: Not reported

Year: 2006

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: VOM Tons per Year: 0.09
Last Updated By: Not reported Last Updated Date: Not reported

Year: 2006

Direction Distance

Elevation Site Database(s) EPA ID Number

DUR-O-WAL WIRE INC (Continued)

S107741549

EDR ID Number

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PM10
Tons per Year: 1.59
Last Updated By: Not reported Last Updated Date: Not reported

Year: 2006

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: NOX
Tons per Year: 1.68
Last Updated By: Not reported Last Updated Date: Not reported

Year: 2006

Emissions Type: Facility Reported Id Num: Not reported

Pollutant Code: CO Tons per Year: 1.41

Last Updated By: Not reported Last Updated Date: Not reported

Year: 2006

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: HCL Tons per Year: 0.7287 Last Updated By: Not reported Last Updated Date: Not reported

Year: 2005

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:PARTTons per Year:5Last Updated By:EPA2110Last Updated Date:05/29/02

Year: 2005

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:VOMTons per Year:0.73320Last Updated By:EPA2110Last Updated Date:05/29/02

Year: 2005

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:HCLTons per Year:3.63896Last Updated By:EPA2110Last Updated Date:05/29/02

Year: 2004

Emissions Type: Facility Reported

Distance Elevation

vation Site Database(s) EPA ID Number

DUR-O-WAL WIRE INC (Continued)

S107741549

EDR ID Number

Id Num:Not reportedPollutant Code:PM10Tons per Year:2.47000Last Updated By:EPA2499Last Updated Date:05/18/05

Year: 2004

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PART Tons per Year: 2.47000 Last Updated By: EPA2499 Last Updated Date: 05/18/05

Year: 2004

Emissions Type: Facility Reported Id Num: Not reported

Pollutant Code: CO Tons per Year: 1

Last Updated By: EPA2499 Last Updated Date: 05/18/05

Year: 2004

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: VOM
Tons per Year: 0
Last Updated By: EPA2499
Last Updated Date: 05/18/05

Year: 2004

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: NOX
Tons per Year: 1.24000
Last Updated By: EPA2499
Last Updated Date: 05/18/05

Year: 2004

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: HCL Tons per Year: 3 Last Updated By: Facility Reported Not reported HCL EPA2499

Last Updated By: EPA2499
Last Updated Date: 05/18/05

Year: 2004

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:HCLTons per Year:3.63896Last Updated By:EPA2110Last Updated Date:05/29/02

Year: 2004

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

DUR-O-WAL WIRE INC (Continued)

S107741549

EDR ID Number

Pollutant Code: PART
Tons per Year: 5
Last Updated By: EPA2110
Last Updated Date: 05/29/02

Year: 2004

Emissions Type: IEPA Estimated Emissions (tons per year)

0

Id Num:Not reportedPollutant Code:VOMTons per Year:0.73320Last Updated By:EPA2110Last Updated Date:05/29/02

Year: 2004

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: SO2

Last Updated By: EPA2499
Last Updated Date: 05/18/05

Year: 2003

Tons per Year:

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: VOM Tons per Year: 0 Last Updated By: EPA2499 Last Updated Date: 06/02/04

Year: 2003

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: SO2
Tons per Year: 0
Last Updated By: EPA2499
Last Updated Date: 06/02/04

Year: 2003

Emissions Type: Facility Reported Id Num: Not reported Not reported NOX

Pollutant Code: NOX

Tons per Year: 1.55000

Last Updated By: EPA2499

Last Updated Date: 06/02/04

Year: 2003

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: HCL
Tons per Year: 3.93000
Last Updated By: EPA2499
Last Updated Date: 06/02/04

Year: 2003

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PART

Direction Distance

Elevation Site Database(s) EPA ID Number

DUR-O-WAL WIRE INC (Continued)

S107741549

EDR ID Number

Tons per Year: 2

Last Updated By: EPA2499 Last Updated Date: 06/02/04

Year: 2003

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PM10
Tons per Year: 2
Last Updated By: EPA2499
Last Updated Date: 06/02/04

Year: 2003

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: CO
Tons per Year: 1.30000
Last Updated By: EPA2499
Last Updated Date: 06/02/04

Year: 2003

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:VOMTons per Year:0.73320Last Updated By:EPA2110Last Updated Date:05/29/02

Year: 2003

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:HCLTons per Year:3.63896Last Updated By:EPA2110Last Updated Date:05/29/02

Year: 2003

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:PARTTons per Year:5Last Updated By:EPA2110Last Updated Date:05/29/02

Year: 2002

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:HCLTons per Year:3.63896Last Updated By:EPA2110Last Updated Date:05/29/02

Year: 2002

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num: Not reported Pollutant Code: VOM Tons per Year: 0.73320

Distance

Elevation Site Database(s) EPA ID Number

DUR-O-WAL WIRE INC (Continued)

S107741549

EDR ID Number

Last Updated By: EPA2110 Last Updated Date: 05/29/02

Year: 2002

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: SO2
Tons per Year: 0
Last Updated By: EPA2499
Last Updated Date: 05/02/03

Year: 2002

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: VOM Tons per Year: 0 Last Updated By: EPA2499 Last Updated Date: 05/02/03

Year: 2002

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: CO
Tons per Year: 1.38100
Last Updated By: EPA2499
Last Updated Date: 05/02/03

Year: 2002

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: LEAD Tons per Year: 0 Last Updated By: EPA2499

Last Updated By: EPA2499
Last Updated Date: 05/02/03

Year: 2002

Emissions Type: Facility Reported Id Num: Not reported Not Pollutant Code: NOX Tons per Year: 0.52600 Last Updated By: EPA2499 Last Updated Date: 05/02/03

Year: 2002

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PBB
Tons per Year: 0
Last Updated By: EPA2499
Last Updated Date: 05/02/03

Year: 2002

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: ZNC Tons per Year: 0.42100 Last Updated By: EPA2499

Direction Distance

Elevation Site Database(s) EPA ID Number

DUR-O-WAL WIRE INC (Continued)

S107741549

EDR ID Number

Last Updated Date: 05/02/03

Year: 2002

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PART Tons per Year: 1.66000 Last Updated By: EPA2499 Last Updated Date: 05/02/03

Year: 2002

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PM10
Tons per Year: 1.66000
Last Updated By: EPA2499
Last Updated Date: 05/02/03

Year: 2002

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: HCL
Tons per Year: 4.60000
Last Updated By: EPA2499
Last Updated Date: 05/02/03

Year: 2002

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:PARTTons per Year:5Last Updated By:EPA2110Last Updated Date:05/29/02

Year: 2001

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:VOMTons per Year:0.73320Last Updated By:EPA2110Last Updated Date:07/13/00

Year: 2001

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:HCLTons per Year:3.63896Last Updated By:EPA2110Last Updated Date:07/13/00

Year: 2001

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:PARTTons per Year:5Last Updated By:EPA2110Last Updated Date:07/13/00

Direction Distance Elevation

tion Site Database(s) EPA ID Number

DUR-O-WAL WIRE INC (Continued)

Year: 2001

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: HCL
Tons per Year: 4.74700
Last Updated By: EPA2499
Last Updated Date: 05/14/02

Year: 2001

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PM10
Tons per Year: 2.26460
Last Updated By: EPA2499
Last Updated Date: 05/14/02

Year: 2001

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: VOM
Tons per Year: 0.11000
Last Updated By: EPA2499
Last Updated Date: 05/14/02

Year: 2001

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: ZNC
Tons per Year: 0.72960
Last Updated By: EPA2499
Last Updated Date: 05/14/02

Year: 2001

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PART Tons per Year: 2.26460 Last Updated By: EPA2499 Last Updated Date: 05/14/02

Year: 2001

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: SO2
Tons per Year: 0

Last Updated By: EPA2499
Last Updated Date: 05/14/02

Year: 2001

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: NOX
Tons per Year: 0.46800
Last Updated By: EPA2499
Last Updated Date: 05/14/02

Year: 2001

TC2800629.2s Page 32

EDR ID Number

S107741549

Distance Elevation Site

Site Database(s) EPA ID Number

DUR-O-WAL WIRE INC (Continued)

S107741549

EDR ID Number

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: CO

 Pollutant Code:
 CO

 Tons per Year:
 1.22900

 Last Updated By:
 EPA2499

 Last Updated Date:
 05/14/02

Year: 2000

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: HCL
Tons per Year: 3.62260
Last Updated By: EPA2499
Last Updated Date: 05/22/01

Year: 2000

Emissions Type: Facility Reported Id Num: Not reported

Pollutant Code: CO Tons per Year: 0

Last Updated By: EPA2499
Last Updated Date: 05/22/01

Year: 2000

Emissions Type: Facility Reported Id Num: Not reported Nox Pollutant Code: NOX Tons per Year: 0

Last Updated By: EPA2499
Last Updated Date: 05/22/01

Year: 2000

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PM10
Tons per Year: 2.21230
Last Updated By: EPA2499
Last Updated Date: 05/22/01

Year: 2000

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: VOM Tons per Year: 0

Last Updated By: EPA2499 Last Updated Date: 05/22/01

Year: 2000

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: SO2
Tons per Year: 0
Last Updated By: EPA2499

Year: 2000

Last Updated Date:

Emissions Type: Facility Reported

05/22/01

Distance

Elevation Site Database(s) EPA ID Number

DUR-O-WAL WIRE INC (Continued)

S107741549

EDR ID Number

Id Num:Not reportedPollutant Code:PARTTons per Year:2.21230Last Updated By:EPA2499Last Updated Date:05/22/01

Year: 2000

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:VOMTons per Year:0.73320Last Updated By:EPA2110Last Updated Date:07/13/00

Year: 2000

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:HCLTons per Year:3.63896Last Updated By:EPA2110Last Updated Date:07/13/00

Year: 2000

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:PARTTons per Year:5Last Updated By:EPA2110Last Updated Date:07/13/00

Year: 1999

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: NOX
Tons per Year: 0.46800
Last Updated By: EPA2499
Last Updated Date: 01/31/00

Year: 1999

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PART Tons per Year: 2.82000 Last Updated By: EPA2499 Last Updated Date: 01/31/00

Year: 1999

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:PARTTons per Year:1.28883Last Updated By:EPA2110Last Updated Date:09/24/99

Year: 1999

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num: Not reported

Distance

Elevation Site Database(s) EPA ID Number

DUR-O-WAL WIRE INC (Continued)

S107741549

EDR ID Number

Pollutant Code: NOX
Tons per Year: 0.22880
Last Updated By: EPA2110
Last Updated Date: 09/24/99

Year: 1998

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: NOX
Tons per Year: 0.45150
Last Updated By: EPA2478
Last Updated Date: 05/28/99

Year: 1998

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:NOXTons per Year:0.22880Last Updated By:Not reported

Last Updated Date: / /

Year: 1998

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:PARTTons per Year:1.28880Last Updated By:Not reported

Last Updated Date: / /

Year: 1998

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PART Tons per Year: 0.12250 Last Updated By: EPA2478 Last Updated Date: 05/28/99

Year: 1997

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:PARTTons per Year:1.28880Last Updated By:Not reported

Last Updated Date: / /

Year: 1997

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:NOXTons per Year:0.22880Last Updated By:Not reported

Last Updated Date: /

Year: 1996

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num: Not reported Pollutant Code: PART

Direction Distance

Elevation Site Database(s) EPA ID Number

DUR-O-WAL WIRE INC (Continued)

S107741549

EDR ID Number

Tons per Year: 1.28880 Last Updated By: Not reported

Last Updated Date: //

Year: 1996

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:NOXTons per Year:0.22880Last Updated By:Not reported

Last Updated Date: / /

Year: 1996

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: NOX
Tons per Year: 0

Last Updated By: Not reported

Last Updated Date: //

Year: 1996

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PART Tons per Year: 0

Last Updated By: Not reported

Last Updated Date: / /

Year: 1995

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num: Not reported
Pollutant Code: PART
Tons per Year: 1.28880
Last Updated By: Not reported

Last Updated Date: / /

Year: 1995

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:NOXTons per Year:0.22880Last Updated By:Not reported

Last Updated Date: / /

Year: 1995

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: NOX
Tons per Year: 1.16900
Last Updated By: Not reported

Last Updated Date: / /

Year: 1995

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PART Tons per Year: 0

Distance Elevation Site

Site Database(s) EPA ID Number

DUR-O-WAL WIRE INC (Continued)

S107741549

EDR ID Number

Last Updated By: Not reported

Last Updated Date: / /

Year: 1994

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PM10 Tons per Year: 0

Last Updated By: Not reported

Last Updated Date: / /

Year: 1994

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:NOXTons per Year:13.10400Last Updated By:Not reported

Last Updated Date: / /

Year: 1994

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: NOX
Tons per Year: 1.14450
Last Updated By: Not reported

Last Updated Date: / /

Year: 1994

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: CO
Tons per Year: 0.28610
Last Updated By: Not reported

Last Updated Date: / /

Year: 1994

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PART Tons per Year: 0

Last Updated By: Not reported

Last Updated Date: //

Year: 1994

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num: Not reported Pollutant Code: CO
Tons per Year: 3.27600

Last Updated By: Not reported

Last Updated Date: / /

Year: 1993

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PART Tons per Year: 0

Last Updated By: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

DUR-O-WAL WIRE INC (Continued)

S107741549

EDR ID Number

Last Updated Date: / /

Year: 1993

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PM10 Tons per Year: 0

Last Updated By: Not reported

Last Updated Date: //

Year: 1993

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: CO Tons per Year: 0.25090 Not reported

Last Updated Date: / /

Year: 1993

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num: Not reported

Pollutant Code: CO

Tons per Year: 3.27600
Last Updated By: Not reported

Last Updated Date: //

Year: 1993

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:NOXTons per Year:13.10400Last Updated By:Not reported

Last Updated Date: / /

Year: 1993

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: NOX
Tons per Year: 1

Last Updated By: Not reported

Last Updated Date: //

Year: 1992

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: NOX
Tons per Year: 0.95260
Last Updated By: Not reported

Last Updated Date: //

Year: 1992

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:COTons per Year:3.27600Last Updated By:Not reported

Last Updated Date: //

Direction Distance Elevation

stance EDR ID Number evation Site Database(s) EPA ID Number

DUR-O-WAL WIRE INC (Continued)

S107741549

Year: 1992

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PART Tons per Year: 0

Last Updated By: Not reported

Last Updated Date: /

Year: 1992

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PM10 Tons per Year: 0

Last Updated By: Not reported

Last Updated Date: / /

Year: 1992

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:NOXTons per Year:13.10400Last Updated By:Not reported

Last Updated Date: //

Year: 1992

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: CO
Tons per Year: 0.23810
Last Updated By: Not reported

Last Updated Date: //

Facility ID: 5822 Facility Address 2: Not reported Michael Dexter Contact Name: Contact Title: Not reported Contact Tele: 630-898-1101 Contact Extention: Not reported Contact EMail: Not reported Contact Fax: Not reported Lat/Long: Not reported ID Number: 089005AGU Cease Operation Date: Not reported SIC Code: 3499

Address Type Code: Not reported Year: 2007

Emissions:

Year: 2007

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: SO2
Tons per Year: .000000
Last Updated By: Not reported Last Updated Date: Not reported

Year: 2007

Direction Distance Elevation

vation Site Database(s) EPA ID Number

DUR-O-WAL WIRE INC (Continued)

S107741549

EDR ID Number

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PART Tons per Year: 1.330000 Last Updated By: Not reported Last Updated Date: Not reported

Year: 2007

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PM10
Tons per Year: 1.330000
Last Updated By: Not reported Last Updated Date: Not reported

Year: 2007

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: HCL
Tons per Year: .617300
Last Updated By: Not reported Last Updated Date: Not reported

Year: 2007

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: CO Tons per Year: .630000
Last Updated By: Not reported Last Updated Date: Not reported

Year: 2007

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: VOM
Tons per Year: .040000
Last Updated By: Not reported Last Updated Date: Not reported

Year: 2007

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: NOX
Tons per Year: .750000
Last Updated By: Not reported Last Updated Date: Not reported

Year: 2006

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:VOMTons per Year:0.73320Last Updated By:EPA2110Last Updated Date:05/29/02

Year: 2006

Emissions Type: IEPA Estimated Emissions (tons per year)

Direction Distance

Elevation Site Database(s) EPA ID Number

DUR-O-WAL WIRE INC (Continued)

S107741549

EDR ID Number

Id Num:Not reportedPollutant Code:PARTTons per Year:5Last Updated By:EPA2110Last Updated Date:05/29/02

Year: 2006

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:HCLTons per Year:3.63896Last Updated By:EPA2110Last Updated Date:05/29/02

Year: 2006

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: SO2
Tons per Year: 0.01

Last Updated By: Not reported Last Updated Date: Not reported

Year: 2006

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PART Tons per Year: 0.159
Last Updated By: Not reported Last Updated Date: Not reported

Year: 2006

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: VOM Tons per Year: 0.09
Last Updated By: Not reported Last Updated Date: Not reported

Year: 2006

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PM10
Tons per Year: 1.59
Last Updated By: Not reported Last Updated Date: Not reported

Year: 2006

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: NOX
Tons per Year: 1.68
Last Updated By: Not reported Last Updated Date: Not reported

Year: 2006

Emissions Type: Facility Reported Id Num: Not reported

Direction Distance Elevation

levation Site Database(s) EPA ID Number

DUR-O-WAL WIRE INC (Continued)

S107741549

EDR ID Number

Pollutant Code: CO Tons per Year: 1.41

Last Updated By: Not reported Last Updated Date: Not reported

Year: 2006

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: HCL Tons per Year: 0.7287 Last Updated By: Not reported Last Updated Date: Not reported

Year: 2005

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:PARTTons per Year:5

Last Updated By: EPA2110 Last Updated Date: 05/29/02

Year: 2005

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:VOMTons per Year:0.73320Last Updated By:EPA2110Last Updated Date:05/29/02

Year: 2005

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:HCLTons per Year:3.63896Last Updated By:EPA2110Last Updated Date:05/29/02

Year: 2004

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PM10
Tons per Year: 2.47000
Last Updated By: EPA2499
Last Updated Date: 05/18/05

Year: 2004

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PART Tons per Year: 2.47000 Last Updated By: EPA2499 Last Updated Date: 05/18/05

Year: 2004

Emissions Type: Facility Reported Id Num: Not reported

Pollutant Code: CO

Direction Distance

Elevation Site Database(s) EPA ID Number

DUR-O-WAL WIRE INC (Continued)

S107741549

EDR ID Number

Tons per Year: 1

Last Updated By: EPA2499 Last Updated Date: 05/18/05

Year: 2004

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: VOM
Tons per Year: 0
Last Updated By: EPA2499
Last Updated Date: 05/18/05

Year: 2004

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: NOX
Tons per Year: 1.24000
Last Updated By: EPA2499
Last Updated Date: 05/18/05

Year: 2004

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: HCL Tons per Year: 3 Last Updated By: EPA2499 Last Updated Date: 05/18/05

Year: 2004

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:HCLTons per Year:3.63896Last Updated By:EPA2110Last Updated Date:05/29/02

Year: 2004

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:PARTTons per Year:5Last Updated By:EPA2110Last Updated Date:05/29/02

Year: 2004

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:VOMTons per Year:0.73320Last Updated By:EPA2110Last Updated Date:05/29/02

Year: 2004

Emissions Type: Facility Reported Id Num: Not reported

Pollutant Code: SO2
Tons per Year: 0

Distance Elevation

vation Site Database(s) EPA ID Number

DUR-O-WAL WIRE INC (Continued)

S107741549

EDR ID Number

Last Updated By: EPA2499
Last Updated Date: 05/18/05

Year: 2003

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: VOM
Tons per Year: 0
Last Updated By: EPA2499
Last Updated Date: 06/02/04

Year: 2003

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: SO2
Tons per Year: 0
Last Updated By: EPA2499
Last Updated Date: 06/02/04

Year: 2003

Emissions Type: Facility Reported Id Num: Not reported Not reported NOX

Pollutant Code: NOX

Tons per Year: 1.55000

Last Updated By: EPA2499

Last Updated Date: 06/02/04

Year: 2003

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: HCL Tons per Year: 3.93000 Last Updated By: EPA2499 Last Updated Date: 06/02/04

Year: 2003

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PART Tons per Year: 2
Last Updated By: EPA2499
Last Updated Date: 06/02/04

Year: 2003

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PM10
Tons per Year: 2
Last Updated By: EPA2499
Last Updated Date: 06/02/04

Year: 2003

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: CO
Tons per Year: 1.30000
Last Updated By: EPA2499

Direction Distance

Elevation Site Database(s) EPA ID Number

DUR-O-WAL WIRE INC (Continued)

S107741549

EDR ID Number

Last Updated Date: 06/02/04

Year: 2003

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:VOMTons per Year:0.73320Last Updated By:EPA2110Last Updated Date:05/29/02

Year: 2003

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:HCLTons per Year:3.63896Last Updated By:EPA2110Last Updated Date:05/29/02

Year: 2003

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:PARTTons per Year:5Last Updated By:EPA2110Last Updated Date:05/29/02

Year: 2002

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:HCLTons per Year:3.63896Last Updated By:EPA2110Last Updated Date:05/29/02

Year: 2002

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:VOMTons per Year:0.73320Last Updated By:EPA2110Last Updated Date:05/29/02

Year: 2002

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: SO2

Tons per Year: SO2

Last Updated By: EPA2499 Last Updated Date: 05/02/03

Year: 2002

Emissions Type: Facility Reported Id Num: Not reported

Pollutant Code: VOM
Tons per Year: 0
Last Updated By: EPA2499
Last Updated Date: 05/02/03

Direction Distance Elevation

tion Site Database(s) EPA ID Number

DUR-O-WAL WIRE INC (Continued)

Year: 2002

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: CO
Tons per Year: 1.38100
Last Undated By: EPA2499

Last Updated By: EPA2499
Last Updated Date: 05/02/03

Year: 2002

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: LEAD Tons per Year: 0 Last Updated By: EPA2499 Last Updated Date: 05/02/03

Year: 2002

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: NOX
Tons per Year: 0.52600
Last Updated By: EPA2499
Last Updated Date: 05/02/03

Year: 2002

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PBB

Tons per Year: 0
Last Updated By: EPA2499
Last Updated Date: 05/02/03

Year: 2002

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: ZNC Tons per Year: 0.42100 Last Updated By: EPA2499 Last Updated Date: 05/02/03

Year: 2002

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PART Tons per Year: 1.66000 Last Updated By: EPA2499 Last Updated Date: 05/02/03

Year: 2002

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PM10
Tons per Year: 1.66000
Last Updated By: EPA2499
Last Updated Date: 05/02/03

Year: 2002

EDR ID Number

S107741549

Direction Distance Elevation

vation Site Database(s) EPA ID Number

DUR-O-WAL WIRE INC (Continued)

S107741549

EDR ID Number

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: HCL Tons per Year: 4.60000 Last Updated By: EPA2499 Last Updated Date: 05/02/03

Year: 2002

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:PARTTons per Year:5Last Updated By:EPA2110Last Updated Date:05/29/02

Year: 2001

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:VOMTons per Year:0.73320Last Updated By:EPA2110Last Updated Date:07/13/00

Year: 2001

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:HCLTons per Year:3.63896Last Updated By:EPA2110Last Updated Date:07/13/00

Year: 2001

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:PARTTons per Year:5Last Updated By:EPA2110Last Updated Date:07/13/00

Year: 2001

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: HCL Tons per Year: 4.74700 Last Updated By: EPA2499 Last Updated Date: 05/14/02

Year: 2001

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PM10
Tons per Year: 2.26460
Last Updated By: EPA2499
Last Updated Date: 05/14/02

Year: 2001

Emissions Type: Facility Reported

Direction Distance Elevation

evation Site Database(s) EPA ID Number

DUR-O-WAL WIRE INC (Continued)

S107741549

EDR ID Number

Id Num:Not reportedPollutant Code:VOMTons per Year:0.11000Last Updated By:EPA2499Last Updated Date:05/14/02

Year: 2001

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: ZNC
Tons per Year: 0.72960
Last Updated By: EPA2499
Last Updated Date: 05/14/02

Year: 2001

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PART Tons per Year: 2.26460 Last Updated By: EPA2499 Last Updated Date: 05/14/02

Year: 2001

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: SO2
Tons per Year: 0
Last Updated By: EPA2499
Last Updated Date: 05/14/02

Year: 2001

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: NOX
Tons per Year: 0.46800
Last Updated By: EPA2499
Last Updated Date: 05/14/02

Year: 2001

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: CO Tons per Year: 1.22900 Last Updated By: EPA2499 Last Updated Date: 05/14/02

Year: 2000

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: HCL
Tons per Year: 3.62260
Last Updated By: EPA2499
Last Updated Date: 05/22/01

Year: 2000

Emissions Type: Facility Reported Id Num: Not reported

Distance

Elevation Site Database(s) EPA ID Number

DUR-O-WAL WIRE INC (Continued)

Pollutant Code: CO
Tons per Year: 0
Last Updated By: EPA2499
Last Updated Date: 05/22/01

Year: 2000

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: NOX
Tons per Year: 0
Last Updated By: EPA2499
Last Updated Date: 05/22/01

Year: 2000

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PM10
Tons per Year: 2.21230
Last Updated By: EPA2499
Last Updated Date: 05/22/01

Year: 2000

Emissions Type: Facility Reported Id Num: Not reported VOM

Tons per Year: 0
Last Updated By: EPA2499
Last Updated Date: 05/22/01

Year: 2000

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: SO2
Tons per Year: 0
Last Updated By: EPA2499
Last Updated Date: 05/22/01

Year: 2000

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PART Tons per Year: 2.21230 Last Updated By: EPA2499 Last Updated Date: 05/22/01

Year: 2000

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:VOMTons per Year:0.73320Last Updated By:EPA2110Last Updated Date:07/13/00

Year: 2000

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num: Not reported Pollutant Code: HCL

EDR ID Number

S107741549

Direction Distance

Elevation Site Database(s) EPA ID Number

DUR-O-WAL WIRE INC (Continued)

S107741549

EDR ID Number

 Tons per Year:
 3.63896

 Last Updated By:
 EPA2110

 Last Updated Date:
 07/13/00

Year: 2000

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:PARTTons per Year:5Last Updated By:EPA2110Last Updated Date:07/13/00

Year: 1999

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: NOX
Tons per Year: 0.46800
Last Updated By: EPA2499
Last Updated Date: 01/31/00

Year: 1999

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PART Tons per Year: 2.82000 Last Updated By: EPA2499 Last Updated Date: 01/31/00

Year: 1999

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:PARTTons per Year:1.28883Last Updated By:EPA2110Last Updated Date:09/24/99

Year: 1999

Emissions Type: IEPA Estimated Emissions (tons per year)

 Id Num:
 Not reported

 Pollutant Code:
 NOX

 Tons per Year:
 0.22880

 Last Updated By:
 EPA2110

 Last Updated Date:
 09/24/99

Year: 1998

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: NOX
Tons per Year: 0.45150
Last Updated By: EPA2478
Last Updated Date: 05/28/99

Year: 1998

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:NOXTons per Year:0.22880

Distance Elevation S

ation Site Database(s) EPA ID Number

DUR-O-WAL WIRE INC (Continued)

S107741549

EDR ID Number

Last Updated By: Not reported

Last Updated Date: / /

Year: 1998

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:PARTTons per Year:1.28880Last Updated By:Not reported

Last Updated Date: / /

Year: 1998

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PART Tons per Year: 0.12250 Last Updated By: EPA2478 Last Updated Date: 05/28/99

Year: 1997

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:PARTTons per Year:1.28880Last Updated By:Not reported

Last Updated Date: //

Year: 1997

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:NOXTons per Year:0.22880Last Updated By:Not reported

Last Updated Date: / /

Year: 1996

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:PARTTons per Year:1.28880Last Updated By:Not reported

Last Updated Date: //

Year: 1996

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:NOXTons per Year:0.22880Last Updated By:Not reported

Last Updated Date: / /

Year: 1996

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: NOX
Tons per Year: 0

Last Updated By: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

DUR-O-WAL WIRE INC (Continued)

S107741549

EDR ID Number

Last Updated Date: / /

Year: 1996

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PART Tons per Year: 0

Last Updated By: Not reported

Last Updated Date: //

Year: 1995

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:PARTTons per Year:1.28880Last Updated By:Not reported

Last Updated Date: / /

Year: 1995

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:NOXTons per Year:0.22880Last Updated By:Not reported

Last Updated Date: //

Year: 1995

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: NOX
Tons per Year: 1.16900
Last Updated By: Not reported

Last Updated Date: / /

Year: 1995

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PART Tons per Year: 0

Last Updated By: Not reported

Last Updated Date: / /

Year: 1994

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PM10 Tons per Year: 0

Last Updated By: Not reported

Last Updated Date: / /

Year: 1994

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:NOXTons per Year:13.10400Last Updated By:Not reported

Last Updated Date: //

Distance Elevation

ation Site Database(s) EPA ID Number

DUR-O-WAL WIRE INC (Continued)

Year: 1994

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: NOX
Tons per Year: 1.14450
Last Updated By: Not reported

Last Updated Date: //

Year: 1994

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: CO Tons per Year: 0.28610 Last Updated By: Not reported

Last Updated Date: / /

Year: 1994

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PART Tons per Year: 0

Last Updated By: Not reported

Last Updated Date: / /

Year: 1994

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:COTons per Year:3.27600Last Updated By:Not reported

Last Updated Date: //

Year: 1993

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PART Tons per Year: 0

Last Updated By: Not reported

Last Updated Date: / /

Year: 1993

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PM10
Tons per Year: 0

Last Updated By: Not reported

Last Updated Date: / /

Year: 1993

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: CO
Tons per Year: 0.25090
Last Updated By: Not reported

Last Updated Date: /

Year: 1993

EDR ID Number

S107741549

Distance

Elevation Site Database(s) EPA ID Number

DUR-O-WAL WIRE INC (Continued)

S107741549

EDR ID Number

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:COTons per Year:3.27600Last Updated By:Not reported

Last Updated Date: //

Year: 1993

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:NOXTons per Year:13.10400Last Updated By:Not reported

Last Updated Date: / /

Year: 1993

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: NOX
Tons per Year: 1

Last Updated By: Not reported

Last Updated Date: / /

Year: 1992

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: NOX Tons per Year: 0.95260 Last Updated By: Not reported

Last Updated Date: / /

Year: 1992

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:COTons per Year:3.27600Last Updated By:Not reported

Last Updated Date: / /

Year: 1992

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PART Tons per Year: 0

Last Updated By: Not reported

Last Updated Date: / /

Year: 1992

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PM10
Tons per Year: 0
Last Updated By: Not reported

Last Updated Date: //

Year: 1992

Emissions Type: IEPA Estimated Emissions (tons per year)

MAP FINDINGS Map ID

Direction Distance

EDR ID Number Elevation Site **EPA ID Number** Database(s)

DUR-O-WAL WIRE INC (Continued)

S107741549

Id Num: Not reported Pollutant Code: NOX Tons per Year: 13.10400 Last Updated By: Not reported

Last Updated Date: / /

Year: 1992

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: CO 0.23810 Tons per Year: Last Updated By: Not reported

Last Updated Date: 11

RCRA-CESQG 1000139448 **DUR-O-WAL WIRE INC** E24 wsw ILD039617543 **FTTS**

625 CRANE AVE. 1/2-1 AURORA, IL 60505 0.790 mi.

HIST FTTS FINDS

4170 ft. Site 3 of 4 in cluster E

RCRA-CESQG: Relative:

Date form received by agency: 10/14/2009 Lower

Facility name: **DUR-O-WAL INC** Facility address: 625 CRANE ST

Actual: 708 ft. AURORA, IL 60505

EPA ID: ILD039617543

MICHAEL DEXTER Contact: Contact address: Not reported

Not reported Not reported Contact country: Contact telephone: (630) 898-1101 Contact email: Not reported EPA Region: 05

Land type: Private

Classification: Conditionally Exempt Small Quantity Generator

Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time;

or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from

the cleanup of a spill, into or on any land or water, of acutely

hazardous waste

Owner/Operator Summary:

Owner/operator name: **DUR O WAL**

Owner/operator address: ADDRESS NOT REPORTED

CITY NOT REPORTED. AK 99998

Owner/operator country: Not reported Owner/operator telephone: (312) 555-1212 Legal status: Private

Direction Distance Elevation

ation Site Database(s) EPA ID Number

DUR-O-WAL WIRE INC (Continued)

1000139448

EDR ID Number

Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NAME NOT REPORTED
Owner/operator address: ADDRESS NOT REPORTED
CITY NOT REPORTED, AK 99998

Owner/operator country:

Owner/operator telephone:

Legal status:

Owner/Operator Type:

Owner/Op start date:

Owner/Op end date:

Not reported

Not reported

Not reported

Owner/operator name: DAYTON SUPERIOR

Owner/operator address: 777 WASHINGTON VILLAGE DR

DAYTON, OH 45459

Owner/operator country: US

Owner/operator telephone: Not reported Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 06/15/1980
Owner/Op end date: Not reported

Owner/operator name: DUROWAL INC
Owner/operator address: 625 CRANE
AURORA, IL 60505

Owner/operator country: US

Owner/operator telephone: Not reported Legal status: Private Owner/Operator Type: Operator Owner/Op start date: 02/10/1964 Owner/Op end date: Not reported

Owner/operator name: DUR-O-WAL INC Owner/operator address: 625 CRANE

AURORA, IL 60505

Owner/operator country: US

Owner/operator telephone: Not reported Legal status: Private Owner/Operator Type: Owner Owner/Op start date: 06/15/1980 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown Mixed waste (haz. and radioactive): Unknown Recycler of hazardous waste: Unknown Transporter of hazardous waste: Unknown Treater, storer or disposer of HW: Unknown Underground injection activity: Unknown On-site burner exemption: Unknown Furnace exemption: Unknown Used oil fuel burner: Unknown Used oil processor: Unknown User oil refiner: Unknown Used oil fuel marketer to burner: Unknown

Distance Elevation Site

Site Database(s) EPA ID Number

DUR-O-WAL WIRE INC (Continued)

1000139448

EDR ID Number

Used oil Specification marketer: Unknown Used oil transfer facility: Unknown Used oil transporter: Unknown

Off-site waste receiver: Commercial status unknown

Universal Waste Summary:

Waste type: Batteries Accumulated waste on-site: No

Generated waste on-site: Not reported

Waste type: Lamps Accumulated waste on-site: No

Generated waste on-site: Not reported

Waste type: Pesticides Accumulated waste on-site: No

Generated waste on-site: Not reported

Waste type: Thermostats

Accumulated waste on-site: No

Generated waste on-site: Not reported

Waste type: Batteries
Accumulated waste on-site: Unknown
Generated waste on-site: Unknown

Waste type: Lamps
Accumulated waste on-site: Unknown
Generated waste on-site: Unknown

Waste type: Pesticides
Accumulated waste on-site: Unknown
Generated waste on-site: Unknown

Waste type: Thermostats
Accumulated waste on-site: Unknown
Generated waste on-site: Unknown

Historical Generators:

Date form received by agency: 03/01/2008
Facility name: DUR-O-WAL INC
Classification: Large Quantity Generator

Date form received by agency: 03/01/2006
Facility name: DUR-O-WAL INC
Classification: Large Quantity Generator

Date form received by agency: 03/01/2004
Facility name: DUR-O-WAL INC
Classification: Large Quantity Generator

Date form received by agency: 03/03/2003
Facility name: DUR-O-WAL INC
Site name: DUR O WAL INC
Classification: Large Quantity Generator

Direction Distance Elevation

Elevation Site Database(s) EPA ID Number

DUR-O-WAL WIRE INC (Continued)

1000139448

EDR ID Number

Date form received by agency: 03/01/2002
Facility name: DUR-O-WAL INC
Classification: Large Quantity Generator

Date form received by agency: 08/05/1987
Facility name: DUR-O-WAL INC
Site name: DUR O WAL INC
Classification: Large Quantity Generator

Hazardous Waste Summary:

Waste code: D001

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF

LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT

WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002

Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS

CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE

DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D006
Waste name: CADMIUM

Waste code: D007

Waste name: CHROMIUM

Waste code: D008 Waste name: LEAD

Waste code: D000
Waste name: Not Defined

Waste code: D004
Waste name: ARSENIC

Biennial Reports:

Last Biennial Reporting Year: 2009

Annual Waste Handled:

Waste code: D002

Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS

CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE

DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Amount (Lbs): 52393.8

Direction Distance Elevation

tion Site Database(s) EPA ID Number

DUR-O-WAL WIRE INC (Continued)

1000139448

EDR ID Number

Waste code: D007
Waste name: CHROMIUM
Amount (Lbs): 1595.1

Waste code: D008
Waste name: LEAD
Amount (Lbs): 1595.1

Facility Has Received Notices of Violations:

Date violation determined:

Regulation violated: SR - 722.123(a)
Area of violation: Generators - General

12/15/2004

Date achieved compliance:
Violation lead agency:
Enforcement action:
Enforcement action date:
Enf. disposition status:
Enf. disp. status date:
Not reported
Not reported
Not reported
Not reported
Not reported

Enforcement lead agency: Not reported Proposed penalty amount: Not reported Final penalty amount: Not reported Paid penalty amount: Not reported

Regulation violated: SR - 703.121(a)&(b)
Area of violation: Generators - General

Date violation determined: 12/15/2004
Date achieved compliance: Not reported
Violation lead agency: EPA

Enforcement action: Not reported Not reported Enforcement action date: Enf. disposition status: Not reported Enf. disp. status date: Not reported Enforcement lead agency: Not reported Proposed penalty amount: Not reported Final penalty amount: Not reported Paid penalty amount: Not reported

Regulation violated: SR - 722.142(a)(2)
Area of violation: Generators - General

Date violation determined: 12/15/2004
Date achieved compliance: Not reported
Violation lead agency: EPA

Enforcement action: Not reported Enforcement action date: Not reported Enf. disposition status: Not reported Enf. disp. status date: Not reported Enforcement lead agency: Not reported Proposed penalty amount: Not reported Final penalty amount: Not reported Paid penalty amount: Not reported

Regulation violated: SR - 725.151(e)
Area of violation: Generators - General

Date violation determined: 12/15/2004
Date achieved compliance: Not reported
Violation lead agency: EPA

Direction Distance

Elevation Site Database(s) EPA ID Number

DUR-O-WAL WIRE INC (Continued)

1000139448

EDR ID Number

Enforcement action: Not reported Not reported Enforcement action date: Enf. disposition status: Not reported Not reported Enf. disp. status date: Enforcement lead agency: Not reported Proposed penalty amount: Not reported Final penalty amount: Not reported Paid penalty amount: Not reported

Regulation violated: SR - 725.116
Area of violation: Generators - General
Date violation determined: 12/15/2004

Date achieved compliance: Not reported Violation lead agency: EPA Enforcement action: Not reported Enforcement action date: Not reported Not reported Enf. disposition status: Enf. disp. status date: Not reported Enforcement lead agency: Not reported Proposed penalty amount: Not reported Not reported Final penalty amount:

Evaluation Action Summary:

Paid penalty amount:

Evaluation date: 10/14/2009

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Not reported

Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 12/15/2004

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Generators - General

Date achieved compliance: Not reported Evaluation lead agency: EPA

FTTS INSP:

Inspection Number: 2003071820817 1

Region: 05
Inspection Date: 07/18/03
Inspector: ALLEN
Violation occurred: Yes

Investigation Type: EPCRA, Enforcement, Federal Conducted

Investigation Reason: Neutral Scheme, Region

Legislation Code: EPCRA Facility Function: Manufacturer

HIST FTTS INSP:

Inspection Number: 2003071820817 1

Region: 05

Inspection Date: Not reported Inspector: ALLEN Violation occurred: Yes

Investigation Type: EPCRA, Enforcement, Federal Conducted

Investigation Reason: Neutral Scheme, Region

Legislation Code: EPCRA

Map ID
Direction
Distance

Site

Elevation

MAP FINDINGS

Database(s)

EDR ID Number EPA ID Number

DUR-O-WAL WIRE INC (Continued)

1000139448

Facility Function: Manufacturer

FINDS:

Registry ID: 110001385661

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

ACES (Illinois - Agency Compliance And Enforcement System) is the Illinois EPA Project to facilitate the permitting operations

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

PCS (Permit Compliance System) is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

E25 **625 CRANE AVE ERNS** 94379207 **WSW 625 CRANE AVE**

N/A

AURORA, IL 60505 1/2-1

0.790 mi.

4170 ft. Site 4 of 4 in cluster E

Relative: Click this hyperlink while viewing on your computer to access

Lower additional ERNS detail in the EDR Site Report.

Actual:

708 ft. F26 PITTWAY CORP. MLTS 1001209972 N/A

780 MCCLURE AVENUE West 1/2-1 AURORA, IL 60504 0.835 mi.

4407 ft. Site 1 of 3 in cluster F

MLTS: Relative:

Higher License Number: 12-15023-01 First License Date: 0

Actual: License Date: 11/01/1984 719 ft. Lic. Expiration Date: 10/31/1988

> D.A.SCHOO, RAD.SAFETY OFFICER Contact Name:

Contact Phone: Not reported Institution Code: 15023 Primary Program: Not reported

Department: **BRK ELECTRONICS DIVISION**

Building: Not reported States Allowing Use: Not reported License Use: Not reported

Store Material Use: No Redistribution Use: No Incinerate Use: No **Burial Use:** No Last Inspection Date: 11/1983 Next Inspection Date: 999999 Inspector Name: Not reported Status: Not reported

WORLD COLOR DIRECT IMAGING F27

West 780 MC CLURE RD 1/2-1 AURORA, IL 60507

0.835 mi.

4407 ft. Site 2 of 3 in cluster F

RCRA-CESQG: Relative:

Date form received by agency: 03/04/1997 Higher

WORLD COLOR DIRECT IMAGING Facility name:

780 MCCLURE

Actual: Facility address: 780 MC CLURE RD 719 ft.

AURORA, IL 60507 ILD059458000 EPA ID:

Mailing address: AURORA, IL 60507 TONYUR FEDORA Contact: Contact address: 780 MC CLURE RD

AURORA, IL 60507

Contact country: US

Contact telephone: (630) 585-7000 Contact email: Not reported

EPA Region: 05 Land type: Private 1000422857

ILD059458000

RCRA-CESQG

FINDS

Map ID MAP FINDINGS
Direction

Distance Elevation

Site Database(s) EPA ID Number

WORLD COLOR DIRECT IMAGING (Continued)

1000422857

EDR ID Number

Classification: Conditionally Exempt Small Quantity Generator

Description: Handler: generates 100 kg or less of hazardous waste per calendar

month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from

the cleanup of a spill, into or on any land or water, of acutely

hazardous waste

Owner/Operator Summary:

Owner/operator name: NAME NOT REPORTED
Owner/operator address: ADDRESS NOT REPORTED

CITY NOT REPORTED, AK 99998

Owner/operator country: Not reported
Owner/operator telephone: (312) 555-1212
Legal status: Private
Owner/Operator Type: Operator

Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: MILL THE

Owner/operator address: 340 PEMBERWICK RD

GREENWICH, CT 06831

Owner/operator country: Not reported Owner/operator telephone: (203) 532-4266

Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): Unknown Recycler of hazardous waste: No Transporter of hazardous waste: No Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: No Furnace exemption: No Used oil fuel burner: No

Used oil fuel burner:

Used oil processor:

User oil refiner:

Used oil fuel marketer to burner:

Used oil Specification marketer:

Used oil transfer facility:

No

Used oil transporter:

No

Off-site waste receiver: Verified to be non-commercial

Direction Distance Elevation

ration Site Database(s) EPA ID Number

WORLD COLOR DIRECT IMAGING (Continued)

1000422857

EDR ID Number

Historical Generators:

Date form received by agency: 06/18/1990

Facility name: WORLD COLOR DIRECT IMAGING

Site name: BRK ELECTRONICS
Classification: Large Quantity Generator

Hazardous Waste Summary:

Waste code: D000
Waste name: Not Defined

Waste code: D001

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF

LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT

WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: F001

Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING:

TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED

FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED

IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE

SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Facility Has Received Notices of Violations:

Regulation violated: SR - 722.134(d)(5)
Area of violation: Generators - Pre-transport

Date violation determined: 02/20/1992
Date achieved compliance: 07/02/1992
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 04/10/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 722.134(d)

Area of violation: Generators - Pre-transport

Date violation determined: 02/20/1992
Date achieved compliance: 07/02/1992
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 04/10/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported

Direction Distance Elevation

Site Database(s) EPA ID Number

WORLD COLOR DIRECT IMAGING (Continued)

1000422857

EDR ID Number

Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 03/17/1998

Evaluation: COMPLIANCE ASSISTANCE VISIT

Area of violation:

Date achieved compliance:

Evaluation lead agency:

Not reported

Not reported

State

Evaluation date: 02/20/1992

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Generators - Pre-transport

Date achieved compliance: 07/02/1992 Evaluation lead agency: State

Evaluation date: 10/24/1984

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation:

Date achieved compliance:

Evaluation lead agency:

Not reported

Not reported

State

FINDS:

Registry ID: 110001354819

Environmental Interest/Information System

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Direction Distance

Elevation Site Database(s) EPA ID Number

F28 FREEDOM IMAGING SYSTEMS INC FINDS 1007153905
West 780 MCCLURE RD AIRS N/A

West 780 MCCLURE RD 1/2-1 AURORA, IL 60504

0.835 mi.

4407 ft. Site 3 of 3 in cluster F

Relative: FINDS:

Higher

Registry ID: 110016689476

Actual: 719 ft.

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

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The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

IL AIRS:

Facility ID: 28913 Facility Address 2: Not reported Contact Name: David Wiseman Contact Title: Not reported Contact Tele: 630-375-8538 Contact Extention: Not reported Contact EMail: Not reported Contact Fax: 630-375-8503

Lat/Long: 41.775400 / -88.276700

ID Number: 089800ABV Cease Operation Date: Not reported SIC Code: 2752

Address Type Code: LOC Year: 2006

Emissions:

Year:

Not reported
Emissions Type:

Not reported
Id Num:

Pollutant Code:

Tons per Year:

Last Updated By:

Not reported

Facility ID: 28913
Facility Address 2: Not reported

EDR ID Number

MAP FINDINGS Map ID

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

FREEDOM IMAGING SYSTEMS INC (Continued)

1007153905

AIRS

Contact Name: David Wiseman Contact Title: Not reported 630-375-8538 Contact Tele: Contact Extention: Not reported Contact EMail: Not reported Contact Fax: Not reported Lat/Long: Not reported ID Number: 089800ABV Not reported Cease Operation Date: SIC Code: 2752 Address Type Code: Not reported Year: 2007

Emissions:

Year: Not reported Not reported **Emissions Type:** Id Num: Not reported Pollutant Code: Not reported Tons per Year: Not reported Last Updated By: Not reported Last Updated Date: Not reported

29 **BRK FIRE EXTINGUISHERS** RCRA-NonGen 1000114172 West 733 MCCLURE RD **FINDS** ILD984780437

1/2-1 0.835 mi. 4410 ft.

RCRA-NonGen:

Relative: Date form received by agency: 04/01/2006 Higher

AURORA, IL 60504

Facility name: **BRK FIRE EXTINGUISHERS**

Actual: Facility address: 733 MCCLURE RD 713 ft.

AURORA, IL 60504 ILD984780437 EPA ID:

ENV COORDINATOR Contact:

Contact address: Not reported

Not reported Contact country: Not reported Contact telephone: (630) 851-7330 Contact email: Not reported

EPA Region: 05

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

BRK FIRE EXTINGUISHERS Owner/operator name:

Owner/operator address: Not reported

Not reported

Owner/operator country: US

Owner/operator telephone: Not reported Legal status: Private Owner/Operator Type: Operator Owner/Op start date: 01/01/1900 Owner/Op end date: Not reported

Owner/operator name: NAME NOT REPORTED Owner/operator address: ADDRESS NOT REPORTED

Direction Distance

Elevation Site Database(s) EPA ID Number

BRK FIRE EXTINGUISHERS (Continued)

1000114172

EDR ID Number

CITY NOT REPORTED, AK 99998

Owner/operator country: Not reported
Owner/operator telephone: (312) 555-1212
Legal status: Private
Owner/Operator Type: Operator

Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: BRK FIRE EXTINGUISHERS

Owner/operator address: Not reported

Not reported

Owner/operator country: US

Owner/operator telephone: Not reported Legal status: Private Owner/Operator Type: Owner Owner/Op start date: 01/01/1900 Owner/Op end date: Not reported

Owner/operator name: BRK ELECTRONICS INC
Owner/operator address: ADDRESS NOT REPORTED
CITY NOT REPORTED, AK 99998

Owner/operator country: Not reported
Owner/operator telephone: (312) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): No Recycler of hazardous waste: No Transporter of hazardous waste: No Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: No Furnace exemption: No Used oil fuel burner: No Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: No Used oil transporter: No

Off-site waste receiver: Commercial status unknown

Universal Waste Summary:

Waste type: Batteries
Accumulated waste on-site: No
Generated waste on-site: No
Waste type: Lamps
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Pesticides

Direction Distance Elevation

tion Site Database(s) EPA ID Number

BRK FIRE EXTINGUISHERS (Continued)

1000114172

EDR ID Number

Accumulated waste on-site: No Generated waste on-site: No

Waste type: Thermostats

Accumulated waste on-site: No Generated waste on-site: No

Historical Generators:

Date form received by agency: 01/09/1990

Facility name: BRK FIRE EXTINGUISHERS
Classification: Large Quantity Generator

Hazardous Waste Summary:

Waste code: D001

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF

LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT

WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

FINDS:

Registry ID: 110001332763

Environmental Interest/Information System

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IL AIRS:

Facility ID: 11426
Facility Address 2: Not reported
Contact Name: Not reported

MAP FINDINGS Map ID

Direction Distance

Elevation Site Database(s) **EPA ID Number**

BRK FIRE EXTINGUISHERS (Continued)

1000114172

EDR ID Number

Contact Title: Not reported Contact Tele: Not reported Contact Extention: Not reported Contact EMail: Not reported Contact Fax: Not reported Not reported Lat/Long: 089800ABO ID Number: Cease Operation Date: 8/28/1996 SIC Code: 3999 Address Type Code: LOC Not reported Year:

Emissions:

Year: Not reported Emissions Type: Not reported Id Num: Not reported Pollutant Code: Not reported Tons per Year: Not reported Last Updated By: Not reported Last Updated Date: Not reported

G30 **CITY AUTO WRECKERS FINDS** 1008123672 690 MCCLURE RD N/A

West 1/2-1 AURORA, IL 60507

0.835 mi.

4411 ft. Site 1 of 13 in cluster G

FINDS: Relative:

Lower

Registry ID: 110018203139

Actual: 707 ft. Environmental Interest/Information System

ACES (Illinois - Agency Compliance And Enforcement System) is the

Illinois EPA Project to facilitate the permitting operations

G31 **HMIRS** 9998080428 N/A

West 685 MCCLURE RD 1/2-1 AURORA, IL

0.836 mi.

4414 ft. Site 2 of 13 in cluster G

Relative: Click this hyperlink while viewing on your computer to access Lower

additional HMIRS detail in the EDR Site Report.

Actual: 707 ft.

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

G32 **HMIRS** 94060525 N/A

West **685 MCCLURE RD** AURORA, IL 1/2-1

0.836 mi.

4414 ft. Site 3 of 13 in cluster G

Relative: Click this hyperlink while viewing on your computer to access

Lower additional HMIRS detail in the EDR Site Report.

Actual:

707 ft. G33 **HMIRS** 92080164 N/A

West **685 MCCLURE ROAD**

1/2-1 AURORA, IL

0.836 mi.

4414 ft. Site 4 of 13 in cluster G

Relative: Click this hyperlink while viewing on your computer to access

Lower additional HMIRS detail in the EDR Site Report.

Actual:

707 ft. G34 **BURLINGTON NORTHERN RAILROAD (SIA)**

CERC-NFRAP 1003869972 **685 MCCLURE ROAD** West ILD074373150

AURORA, IL 60505 1/2-1

0.836 mi.

4414 ft. Site 5 of 13 in cluster G

CERC-NFRAP: Relative:

Site ID: 0500449 Lower Federal Facility:

Not a Federal Facility Actual: NPL Status: Not on the NPL 707 ft.

Non NPL Status: **NFRAP**

CERCLIS-NFRAP Site Contact Name(s):

Contact Title: RESPONSIBLE PARTY INVESTIGATOR

Contact Name: JANET PFUNDHELLER

Contact Tel: (312) 353-5821

CERCLIS-NFRAP Assessment History:

Action: DISCOVERY Date Started: Not reported 10/01/1983 Date Completed: Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT

Date Started: Not reported Date Completed: 09/08/1986

Priority Level: Low priority for further assessment

Action: SITE INSPECTION Date Started: Not reported Date Completed: 06/10/1987

Priority Level: NFRAP: No further Remedial Action planned

ARCHIVE SITE Action: Date Started: Not reported Date Completed: 09/29/1995 Priority Level: Not reported

Action: SH

Date Started: Not reported

Direction Distance

Elevation Site Database(s) **EPA ID Number**

BURLINGTON NORTHERN RAILROAD (SIA) (Continued)

Date Completed: 09/29/1995 Priority Level: Not reported

G35 HMIRS 9998060644

West 685 MC CLURE RD 1/2-1 AURORA, IL

0.836 mi.

4414 ft. Site 6 of 13 in cluster G

Relative: Click this hyperlink while viewing on your computer to access

Lower additional HMIRS detail in the EDR Site Report.

Actual: 707 ft. G36 **685 MCCLURE RD**

West **685 MCCLURE RD** AURORA, IL 1/2-1

0.836 mi.

Site 7 of 13 in cluster G 4414 ft.

Relative: Click this hyperlink while viewing on your computer to access

Lower additional ERNS detail in the EDR Site Report.

Actual:

707 ft. G37 **BURLINGTON NORTHERN RR** UST U002113054 West **685 MCCLURE RD SPILLS** N/A

1/2-1 AURORA, IL 60504

0.836 mi.

Relative:

Site 8 of 13 in cluster G 4415 ft.

UST:

Facility ID: 2027513 Lower Facility Status: Closed

Actual: Facility Type: Other 707 ft. Owner Name: **Burlington Northern Railroad**

Owner Id: U0002161

Owner Address: 3253 Chestnut Expressway Owner City, St, Zip: Springfield, MO 65802

Tank Number: 10000 Tank Capacity: Tank Substance: Diesel Fuel Last Used Date: Not reported OSFM First Notify Date: 3/8/1991 Removed Tank Status: Red Tag Issue Date: Not reported Install Date: Not reported **Green Tag Decal:** Not reported Green Tag Issue Date: Not reported Not reported **Green Tag Expire Date:** Self Service Permit Inspection Date:Not reported **Self Service Permit Expire Date:** Not reported

Fee Due: No

Tank Number: Tank Capacity: 10000 Tank Substance: Diesel Fuel Last Used Date: Not reported **EDR ID Number**

1003869972

N/A

92281136

N/A

ERNS

Direction Distance

Elevation Site Database(s) **EPA ID Number**

BURLINGTON NORTHERN RR (Continued)

U002113054

EDR ID Number

OSFM First Notify Date: 3/8/1991 **Tank Status:** Removed Red Tag Issue Date: Not reported Install Date: Not reported Green Tag Decal: Not reported **Green Tag Issue Date:** Not reported Not reported **Green Tag Expire Date:** Self Service Permit Inspection Date:Not reported **Self Service Permit Expire Date:** Not reported

Fee Due: No

Tank Number: 3 Tank Capacity: 10000 Tank Substance: Diesel Fuel Last Used Date: Not reported 3/8/1991 OSFM First Notify Date: Tank Status: Removed Red Tag Issue Date: Not reported Install Date: Not reported **Green Tag Decal:** Not reported **Green Tag Issue Date:** Not reported Not reported **Green Tag Expire Date:** Self Service Permit Inspection Date:Not reported **Self Service Permit Expire Date:** Not reported Fee Due:

Tank Number: 30000 Tank Capacity: Used Oil Tank Substance: Last Used Date: Not reported **OSFM First Notify Date:** 8/24/1990

Tank Status: Exempt from registration

No

Red Tag Issue Date: Not reported Install Date: Not reported **Green Tag Decal:** Not reported **Green Tag Issue Date:** Not reported **Green Tag Expire Date:** Not reported Self Service Permit Inspection Date:Not reported **Self Service Permit Expire Date:** Not reported

Fee Due: No

Tank Number: 5 Tank Capacity: 175 Tank Substance: Diesel Fuel Last Used Date: 6/1/1972 OSFM First Notify Date: 12/3/1992

Tank Status: **Exempt from registration**

Red Tag Issue Date: Not reported Install Date: Not reported Not reported **Green Tag Decal:** Green Tag Issue Date: Not reported **Green Tag Expire Date:** Not reported Self Service Permit Inspection Date:Not reported **Self Service Permit Expire Date:** Not reported

Direction Distance

Elevation Site Database(s) **EPA ID Number**

BURLINGTON NORTHERN RR (Continued) U002113054

Fee Due: Not reported

SPILLS:

Incident ID: 20041629

Facility Address: 685 MCCLURE RD

Facility City: **AURORA**

PRP Name: **BNSF RAILROAD**

Incident ID: 20050306

Facility Address: 685 MCCLURE RD Facility City: **AURORA** PRP Name: **BNSF RAILWAY**

Incident ID: 20081580

Facility Address: 685 MCCLURE RD

Facility City: **AURORA** PRP Name: **BNSF RR**

G38 685 MCCLURE RD EOLA YARD **ERNS** 94360077 N/A

West 685 MCCLURE RD EOLA YARD AURORA, IL

1/2-1 0.836 mi.

4415 ft. Site 9 of 13 in cluster G

Relative: Click this hyperlink while viewing on your computer to access

Lower additional ERNS detail in the EDR Site Report.

Actual:

707 ft. G39 **BURLINGTON NORTHERN**

CAT 1000285775 West **CHESTNUT / JOHNSON STREET** N/A

1/2-1 AURORA, IL 0.836 mi.

4415 ft. Site 10 of 13 in cluster G

CAT: Relative:

Facility ID: 1214225010 Lower

Facility Type: SITE REMEDIATION PROGRAM

Actual:

707 ft.

G40 **BURLINGTON NORTHERN RAILROAD** West **685 MCCLURE ROAD**

1/2-1 AURORA, IL 60504

0.836 mi.

4415 ft. Site 11 of 13 in cluster G

RCRA-NonGen: Relative:

Date form received by agency: 04/01/2006 Lower

Facility name: **BURLINGTON NORTHERN RAILROAD**

Actual: Facility address: 685 MC CLURE RD 707 ft.

AURORA, IL 60504 EPA ID: ILD128580727

ENV COORDINATOR Contact:

Contact address: Not reported Not reported

Contact country: Not reported (630) 780-5171 Contact telephone: Contact email: Not reported

1000285762

ILD128580727

RCRA-NonGen

FINDS

EDR ID Number

Direction Distance Flevation

Elevation Site Database(s) EPA ID Number

BURLINGTON NORTHERN RAILROAD (Continued)

1000285762

EDR ID Number

EPA Region: 05

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: BURLINGTON NORTHERN RAILROAD

Owner/operator address: Not reported

Not reported

Owner/operator country: US

Owner/operator telephone: Not reported Legal status: Private Owner/Operator Type: Owner Owner/Op start date: 01/01/1900 Owner/Op end date: Not reported

Owner/operator name: BURLINGTON NORTHERN INC Owner/operator address: ADDRESS NOT REPORTED

CITY NOT REPORTED, AK 99998

Owner/operator country: Not reported Owner/operator telephone: (312) 555-1212

Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NAME NOT REPORTED
Owner/operator address: ADDRESS NOT REPORTED

CITY NOT REPORTED, AK 99998

Owner/operator country: Not reported
Owner/operator telephone: (312) 555-1212
Legal status: Private

Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: BURLINGTON NORTHERN RAILROAD

Owner/operator address: Not reported Not reported

Owner/operator country: US

Owner/operator telephone: Not reported Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1900
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): No Recycler of hazardous waste: No Transporter of hazardous waste: No Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: No Furnace exemption: No Used oil fuel burner: No Used oil processor: No Map ID MAP FINDINGS
Direction

Distance

Elevation Site Database(s) EPA ID Number

BURLINGTON NORTHERN RAILROAD (Continued)

1000285762

EDR ID Number

User oil refiner:

Used oil fuel marketer to burner:

Used oil Specification marketer:

Used oil transfer facility:

No

Used oil transporter:

No

Off-site waste receiver: Commercial status unknown

Universal Waste Summary:

Waste type: Batteries
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Lamps
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Pesticides
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Thermostats

Accumulated waste on-site: No Generated waste on-site: No

Historical Generators:

Date form received by agency: 01/17/1990

Facility name: BURLINGTON NORTHERN RAILROAD

Classification: Large Quantity Generator

Hazardous Waste Summary:

Waste code: X002

Waste name: POLYCHLORINATED BIPHENOLS (PCBs)

Violation Status: No violations found

FINDS:

Registry ID: 110005849172

Environmental Interest/Information System

ACES (Illinois - Agency Compliance And Enforcement System) is the Illinois EPA Project to facilitate the permitting operations

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA

Direction Distance

Elevation Site Database(s) **EPA ID Number**

BURLINGTON NORTHERN RAILROAD (Continued)

1000285762

EDR ID Number

program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

PCS (Permit Compliance System) is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

BURLINGTON NORTHERN RAILROAD G41

RCRA-NonGen 1000285763 LUST ILD137664694

685 MCCLURE RD West AURORA, IL 60504 1/2-1

0.836 mi.

4415 ft. Site 12 of 13 in cluster G

RCRA-NonGen: Relative:

Date form received by agency: 01/08/1990 Lower

> Facility name: **BURLINGTON NORTHERN RAILROAD**

Actual: Facility address: 685 MCCLURE RD 707 ft.

AURORA, IL 60504

EPA ID: ILD137664694 Mailing address: PO BOX 64960

ST PAUL, MN 55164

JOE FLEAGLE Contact: Contact address: PO BOX 64960

ST PAUL. MN 55164

US Contact country:

Contact telephone: (708) 780-5171 Not reported Contact email:

EPA Region: 05

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/Op end date:

Owner/operator name: NAME NOT REPORTED Owner/operator address: ADDRESS NOT REPORTED

CITY NOT REPORTED, AK 99998

Owner/operator country: Not reported Owner/operator telephone: (312) 555-1212 Legal status: Private Owner/Operator Type: Operator Owner/Op start date: Not reported

Owner/operator name: **BURLINGTON NORTHERN INC**

Not reported

Owner/operator address: PO BOX 64960 ST. PAUL, MN 55164

Not reported Owner/operator country: Owner/operator telephone: (708) 780-5171 Legal status: Private Owner/Operator Type: Owner Owner/Op start date: Not reported Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): Unknown

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

BURLINGTON NORTHERN RAILROAD (Continued)

1000285763

Recycler of hazardous waste: No Transporter of hazardous waste: No Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: No Furnace exemption: No Used oil fuel burner: No Used oil processor: Nο User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: No Used oil transporter: No

Off-site waste receiver: Verified to be non-commercial

Hazardous Waste Summary:

Waste code: X002

Waste name: POLYCHLORINATED BIPHENOLS (PCBs)

Violation Status: No violations found

LUST:

Incident Num: 922468 IL EPA Id: 0894075076 Product: Deisel IEMA Date: 9/3/1992 Project Manager: **NOT ASSIGNED**

Project Manager Phone: Not reported Email: Not reported

PRP Name: **Burlington Northern Railroad**

PRP Contact: Mike Long PRP Address: 685 McClure Rd. PRP City, St, Zip: Aurora, IL 60504 PRP Phone: Not reported Site Classification: Not reported Section 57.5(g) Letter: 731

Non LUST Determination Letter: Not reported 20 Report Received: Not reported 45 Report Received: Not reported Section 57.5(g) Letter: Not reported NFA/NFR Letter: Not reported NFR Date Recorded: Not reported

BALLCO MFG INC RCRA-SQG 42 1001116356 **ESE** 2375 E LIBERTY ST **FINDS** ILR000023762

0.838 mi. 4425 ft.

1/2-1

RCRA-SQG: Relative:

Date form received by agency: 07/02/1996 Higher

AURORA, IL 60507

Facility name: **BALLCO MFG INC** Actual: Facility address: 2375 E LIBERTY ST 717 ft.

AURORA, IL 60507 EPA ID: ILR000023762 Mailing address: PO BOX 280 AURORA, IL 60507

Contact: MATTHEW WAUTELET **AIRS**

Direction Distance

Elevation Site Database(s) EPA ID Number

BALLCO MFG INC (Continued)

1001116356

EDR ID Number

Contact address: PO BOX 280

AURORA, IL 60507

Contact country: US

Contact telephone: (708) 898-1600 Contact email: Not reported

EPA Region: 05

Classification: Small Small Quantity Generator

Description: Handler: generates more than 100 and less than 1000 kg of hazardous

waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of

hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: BALLCO MFG INC
Owner/operator address: 2375 E LIBERTY ST

AURORA, IL 60507

Owner/operator country: Not reported Owner/operator telephone: (708) 898-1600

Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No

Underground injection activity: No On-site burner exemption: No Furnace exemption: No Used oil fuel burner: No Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: No Used oil transporter: Nο

Off-site waste receiver: Verified to be non-commercial

Hazardous Waste Summary:

Waste code: D001

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF

LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT

WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

FINDS:

Direction
Distance
Elevation

Site Database(s) EPA ID Number

BALLCO MFG INC (Continued)

1001116356

EDR ID Number

Registry ID: 110006407931

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

ACES (Illinois - Agency Compliance And Enforcement System) is the Illinois EPA Project to facilitate the permitting operations

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

IL AIRS:

Facility ID: 4864 Facility Address 2: PO Box 280 Contact Name: Ozzie VanGelderen Contact Title: Owner Contact Tele: 630-898-1600 Contact Extention: Not reported Contact EMail: Not reported 630-898-7367 Contact Fax: Lat/Long: Not reported 043805AAO ID Number: Cease Operation Date: 1/28/2004 SIC Code: 3592

Year: Emissions:

Address Type Code:

Year: 2004

Emissions Type: IEPA Estimated Emissions (tons per year)

LOC

Not reported

Id Num: Not reported Pollutant Code: PM10
Tons per Year: 0
Last Updated By: EPA2597
Last Updated Date: 11/07/03

Year: 2004

MAP FINDINGS Map ID

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

BALLCO MFG INC (Continued)

1001116356

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num: Not reported Pollutant Code: PART Tons per Year: 0.22500 Last Updated By: EPA2597 Last Updated Date: 11/07/03

Year: 2003

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PM10 Tons per Year: Last Updated By: EPA2499 Last Updated Date: 01/28/04

Year: 2003

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num: Not reported Pollutant Code: **PART** 0.22500 Tons per Year: Last Updated By: EPA2597 Last Updated Date: 11/07/03

Year: 2003

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num: Not reported Pollutant Code: PM10 Tons per Year: Last Updated By: EPA2597 Last Updated Date: 11/07/03

Year: 2003

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: **PART** Tons per Year: Last Updated By: EPA2499 Last Updated Date: 01/28/04

Year: 2002

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: **PART** Tons per Year:

Last Updated By: EPA2499 Last Updated Date: 01/10/03

Year: 2002

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num: Not reported Pollutant Code: **PART** Tons per Year: 0.22500 EPA2110 Last Updated By: Last Updated Date: 05/28/02

Year: 2001

Emissions Type: IEPA Estimated Emissions (tons per year)

Direction Distance Elevation

ance EDR ID Number vation Site Database(s) EPA ID Number

BALLCO MFG INC (Continued)

1001116356

Id Num:Not reportedPollutant Code:PARTTons per Year:0.22500Last Updated By:EPA2110Last Updated Date:07/08/99

Year: 2001

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PART Tons per Year: 0
Last Updated By: EPA2499
Last Updated Date: 01/14/02

Year: 2000

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:PARTTons per Year:0.22500Last Updated By:EPA2110Last Updated Date:07/08/99

Year: 2000

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PART Tons per Year: 0.22500 Last Updated By: EPA2520 Last Updated Date: 02/09/01

Year: 1999

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PART Tons per Year: 0
Last Updated By: EPA2499
Last Updated Date: 01/27/00

Year: 1999

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:PARTTons per Year:0.22500Last Updated By:EPA2110Last Updated Date:07/08/99

Year: 1998

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:PARTTons per Year:0.22500Last Updated By:Not reported

Last Updated Date: //

Year: 1998

Emissions Type: Facility Reported Id Num: Not reported

Distance
Elevation Site

BALLCO MFG INC (Continued)

1001116356

Database(s)

EDR ID Number

EPA ID Number

Pollutant Code: PART Tons per Year: 0

Last Updated By: Not reported

Last Updated Date: //

Year: 1997

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PART Tons per Year: 0

Last Updated By: Not reported

Last Updated Date: / /

Year: 1997

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:PARTTons per Year:0.22500Last Updated By:Not reported

Last Updated Date: / /

Year: 1996

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:PARTTons per Year:0.22500Last Updated By:Not reported

Last Updated Date: / /

Year: 1996

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PART Tons per Year: 0.22500 Last Updated By: Not reported

Last Updated Date: / /

Year: 1995

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PART Tons per Year: 0

Last Updated By: Not reported

Last Updated Date: / /

Year: 1995

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:PARTTons per Year:0.22500Last Updated By:Not reported

Last Updated Date:

Year: 1994

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PART

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

BALLCO MFG INC (Continued)

1001116356

Tons per Year: 0.22500 Last Updated By: Not reported

Last Updated Date: / /

Year: 1994

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num: Not reported Pollutant Code: **PART** Tons per Year: 0.22500 Last Updated By: Not reported

Last Updated Date: / /

Year: 1993

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: **PART** Tons per Year: 0.22500 Last Updated By: Not reported

Last Updated Date:

Year: 1993

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num: Not reported Pollutant Code: **PART** Tons per Year: 0.22500 Last Updated By: Not reported

Last Updated Date: //

Year: 1992

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: **PART** Tons per Year: 0.22500 Last Updated By: Not reported

Last Updated Date:

Year: 1992

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num: Not reported Pollutant Code: **PART** Tons per Year: 0.22500 Last Updated By: Not reported

Last Updated Date:

1008120839 **GOODWIN, DAN/VEBER FINDS ENE** POSS RD & 4TH ST N/A

1/2-1 0.851 mi. 4492 ft.

43

FINDS: Relative:

EOLA, IL 60519

Higher

110018174660 Registry ID:

Actual:

718 ft. Environmental Interest/Information System

ACES (Illinois - Agency Compliance And Enforcement System) is the

Illinois EPA Project to facilitate the permitting operations

Direction Distance

Distance EDR ID Number Elevation Site EDR ID Number Database(s) EPA ID Number

44 HEIMANN, MARY THERESE FINDS 1008123229
South 2315 E NEW YORK ST N/A

2315 E NEW YORK ST AURORA, IL 60505

1/2-1 0.853 mi. 4505 ft.

Relative: FINDS:

Lower

Registry ID: 110018198699

Actual:

705 ft. Environmental Interest/Information System

ACES (Illinois - Agency Compliance And Enforcement System) is the

Illinois EPA Project to facilitate the permitting operations

H45 CAPITAL CONTROL LTD DBA FOX FINDS 1008123181

South 2115 E NEW YORK ST 1/2-1 AURORA, IL 60505

0.867 mi.

4580 ft. Site 1 of 16 in cluster H

Relative: FINDS:

Higher

Registry ID: 110018198225

Actual:

712 ft. Environmental Interest/Information System

ACES (Illinois - Agency Compliance And Enforcement System) is the

Illinois EPA Project to facilitate the permitting operations

46 JEWEL EXPRESS #3240 UST U003769844
East 1127 NORTH EOLA ROAD N/A

East 1127 NORTH EOLA ROAD 1/2-1 AURORA, IL 60504

0.869 mi. 4588 ft.

Relative: UST:

Higher Facility ID: 2040463 Facility Status: Active

Actual: Facility Type: Self-Service Station
719 ft. Owner Name: Jewel Food Stores, Inc.

Owner Id: U0033589

Owner Address: P.O. Box 20, Department 72405 A subsidiary of New Albertson's, Inc.

Owner City,St,Zip: Boise, ID 83726

Tank Number: Tank Capacity: 15000 Tank Substance: Gasoline Last Used Date: Not reported 9/28/2001 **OSFM First Notify Date:** Tank Status: Currently in use Red Tag Issue Date: Not reported Install Date: 7/9/2001 **Green Tag Decal:** K000430 **Green Tag Issue Date:** 3/3/2009

Green Tag Decal: K000430
Green Tag Issue Date: 3/3/2009
Green Tag Expire Date: 12/31/2011
Self Service Permit Inspection Date:4/30/2009
Self Service Permit Expire Date: 12/31/2011

N/A

Direction Distance

Elevation Site Database(s) EPA ID Number

JEWEL EXPRESS #3240 (Continued)

U003769844

EDR ID Number

Fee Due: No

Tank Number: 2 Tank Capacity: 10000 Tank Substance: Gasoline Not reported Last Used Date: OSFM First Notify Date: 9/28/2001 Tank Status: Currently in use Red Tag Issue Date: Not reported Install Date: 7/9/2001 **Green Tag Decal:** K000430 Green Tag Issue Date: 3/3/2009 **Green Tag Expire Date:** 12/31/2011 Self Service Permit Inspection Date:4/30/2009 **Self Service Permit Expire Date:** 12/31/2011

Fee Due: No

Tank Number: 3 Tank Capacity: 10000 Tank Substance: Gasoline Not reported Last Used Date: **OSFM First Notify Date:** Not reported Does Not Exist Tank Status: Red Tag Issue Date: Not reported Install Date: Not reported **Green Tag Decal:** K000430 3/3/2009 **Green Tag Issue Date: Green Tag Expire Date:** 12/31/2011 Self Service Permit Inspection Date:4/30/2009 **Self Service Permit Expire Date:** 12/31/2011 Fee Due: Not reported

 H47
 FOX VALLEY CYCLES
 UST
 U002113060

 South
 2115 E NEW YORK ST
 N/A

1/2-1 0.869 mi.

4589 ft. Site 2 of 16 in cluster H

AURORA, IL 60505

Relative:

UST:

Higher

Facility ID: 2025298
Facility Status: Closed
Facility Type: None

Actual: 712 ft.

Owner Name: Capital Control Ltd

Owner Id: U0002387

Owner Address: 419 Hill Ave Dba Fox Valley Cycles

Owner City,St,Zip: Aurora, IL 60505

Tank Number: 1 Tank Capacity: 1000 Tank Substance: Gasoline Not reported Last Used Date: 1/16/1990 **OSFM First Notify Date:** Tank Status: Removed Red Tag Issue Date: Not reported Install Date: Not reported Not reported **Green Tag Decal:**

Distance

Elevation Site Database(s) EPA ID Number

FOX VALLEY CYCLES (Continued)

U002113060

EDR ID Number

Green Tag Issue Date: Not reported
Green Tag Expire Date: Not reported
Self Service Permit Inspection Date:Not reported
Self Service Permit Expire Date: Not reported

Fee Due: 600

Tank Number: 2 Tank Capacity: 1000 Tank Substance: Gasoline Last Used Date: Not reported 1/16/1990 **OSFM First Notify Date:** Tank Status: Removed Red Tag Issue Date: Not reported Install Date: Not reported **Green Tag Decal:** Not reported Not reported **Green Tag Issue Date: Green Tag Expire Date:** Not reported Self Service Permit Inspection Date:Not reported **Self Service Permit Expire Date:** Not reported

Fee Due: 600

 H48
 CAPITAL CONTROL
 LUST
 \$104527231

 South
 2115 EAST NEW YORK ST.
 N/A

1/2-1 AURORA, IL 60505

0.869 mi.

4589 ft. Site 3 of 16 in cluster H

Relative: LUST:

 Higher
 Incident Num:
 900434

 IL EPA Id:
 0894075150

 Actual:
 Product:
 Gasoline

Actual: Product: Gasoline
712 ft. IEMA Date: 2/16/1990
Project Manager: NOT ASSIGNED

Project Manager Phone: Not reported Email: Not reported PRP Name: Sports Rental PRP Contact: **Donovan Chester** P.O. Box 350 PRP Address: Aurora, IL 60507 PRP City,St,Zip: PRP Phone: Not reported Site Classification: Not reported

Section 57.5(g) Letter: 731

Non LUST Determination Letter: Not reported
20 Report Received: Not reported
45 Report Received: Not reported
Section 57.5(g) Letter: Not reported
NFA/NFR Letter: Not reported
NFR Date Recorded: Not reported

Direction Distance

Elevation Site **EPA ID Number** Database(s)

H49 SUPERIOR TOYOTA AMC JEEP INC RCRA-NonGen 1000215699 FINDS ILD097280317

South 2121 E NEW YORK ST AURORA, IL 60504 1/2-1

0.869 mi.

4590 ft. Site 4 of 16 in cluster H

Relative:

RCRA-NonGen:

Higher Date form received by agency: 04/29/1987

Facility name: SUPERIOR TOYOTA AMC JEEP INC Facility address:

Actual: 712 ft.

2121 E NEW YORK ST AURORA, IL 60504

EPA ID: ILD097280317 LORI TAVES Contact:

Contact address: 2121 E NEW YORK ST

AURORA, IL 60504

Contact country:

Contact telephone: (312) 851-9400 Contact email: Not reported

EPA Region: 05

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

SUPERIOR TOYOTA AMC JEEP INC Owner/operator name:

Owner/operator address: ADDRESS NOT REPORTED

CITY NOT REPORTED, AK 99998

Owner/operator country: Not reported Owner/operator telephone: (312) 555-1212 Legal status: Private Owner/Operator Type: Owner Owner/Op start date: Not reported Owner/Op end date: Not reported

Owner/operator name: NAME NOT REPORTED Owner/operator address: ADDRESS NOT REPORTED CITY NOT REPORTED, AK 99998

Not reported

No

Owner/operator country: Owner/operator telephone: (312) 555-1212 Legal status: Private Owner/Operator Type: Operator Owner/Op start date: Not reported Owner/Op end date: Not reported

Handler Activities Summary:

Used oil transfer facility:

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): Unknown Recycler of hazardous waste: No Transporter of hazardous waste: No Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: No Furnace exemption: No Used oil fuel burner: No Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No

EDR ID Number

Direction Distance Elevation

evation Site Database(s) EPA ID Number

SUPERIOR TOYOTA AMC JEEP INC (Continued)

1000215699

EDR ID Number

Used oil transporter: No

Off-site waste receiver: Verified to be non-commercial

Hazardous Waste Summary:

Waste code: D001

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF

LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT

WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: F002

Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE,

METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE,

CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND

1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND

SPENT SOLVENT MIXTURES.

Waste code: F004

Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: CRESOLS AND CRESYLIC

ACID, AND NITROBENZENE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE

SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

FINDS:

Registry ID: 110005843891

Environmental Interest/Information System

ACES (Illinois - Agency Compliance And Enforcement System) is the

Illinois EPA Project to facilitate the permitting operations

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport,

and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and

corrective action activities required under RCRA.

Direction Distance

Elevation Site Database(s) EPA ID Number

 H50
 OLD SUPERIOR TOYTA BLDG
 UST
 U001144819

 South
 2121 E NEW YORK ST
 N/A

1/2-1 0.869 mi.

4590 ft. Site 5 of 16 in cluster H

AURORA, IL 60505

Relative:

UST:

Higher Facility ID: 2008500 Facility Status: Closed

Actual: 712 ft.

Facility Type: Commercial / Retail
Owner Name: Wolf Daniel A
Owner Id: U0016591

Owner Address: 1535 W Ogden Ave Owner City,St,Zip: Naperville, IL 60540

Tank Number: Tank Capacity: 2000 Tank Substance: Gasoline Not reported Last Used Date: 4/24/1986 **OSFM First Notify Date:** Tank Status: Removed Red Tag Issue Date: Not reported Install Date: 1/1/1976 **Green Tag Decal:** Not reported Not reported **Green Tag Issue Date: Green Tag Expire Date:** Not reported Self Service Permit Inspection Date:Not reported **Self Service Permit Expire Date:** Not reported Fee Due: Not reported

Tank Number: 2 Tank Capacity: 550 Tank Substance: Used Oil Last Used Date: Not reported OSFM First Notify Date: 4/24/1986 Tank Status: Removed Red Tag Issue Date: Not reported 1/1/1976 Install Date: Green Tag Decal: Not reported **Green Tag Issue Date:** Not reported **Green Tag Expire Date:** Not reported Self Service Permit Inspection Date:Not reported **Self Service Permit Expire Date:** Not reported Fee Due: Not reported

Tank Number: 3 Tank Capacity: 1000 Tank Substance: Not reported Last Used Date: Not reported OSFM First Notify Date: 4/24/1986 **Tank Status:** Removed Red Tag Issue Date: Not reported Install Date: 1/1/1976 **Green Tag Decal:** Not reported Green Tag Issue Date: Not reported **Green Tag Expire Date:** Not reported Self Service Permit Inspection Date:Not reported **EDR ID Number**

Direction Distance

Elevation Site Database(s) EPA ID Number

OLD SUPERIOR TOYTA BLDG (Continued)

U001144819

EDR ID Number

Self Service Permit Expire Date: Not reported
Fee Due: Not reported

Tank Number: 4 Tank Capacity: 560 Tank Substance: Not reported Last Used Date: Not reported 4/24/1986 **OSFM First Notify Date:** Tank Status: Removed Not reported Red Tag Issue Date: Install Date: 1/1/1976 **Green Tag Decal:** Not reported **Green Tag Issue Date:** Not reported **Green Tag Expire Date:** Not reported Self Service Permit Inspection Date:Not reported Not reported **Self Service Permit Expire Date:** Fee Due: Not reported

G51 PROGRESSIVE TURNING RCRA-SQG 1000611594
West 1680 MOUNTAIN ST FINDS ILD984818021

1/2-1 AURORA, IL 60504 0.872 mi.

4606 ft. Site 13 of 13 in cluster G

Relative: RCRA-SQG:

Lower Date form received by agency: 04/01/2006

Facility name: PROGRESSIVE TURNINGS INC

Actual: Facility address: 1680 MOUNTAIN ST 708 ft. AURORA, IL 60505

EPA ID: ILD984818021

Contact: ENV COORDINATOR

Contact address: Not reported

Not reported
Contact country: Not reported
Contact telephone: (630) 898-3072
Contact email: Not reported

EPA Region: 05 Land type: Private

Classification: Small Small Quantity Generator

Description: Handler: generates more than 100 and less than 1000 kg of hazardous

waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of

hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: PROGRESSIVE TURNING

Owner/operator address: Not reported Not reported

Owner/operator country:

Owner/operator telephone:

Legal status:

Owner/Operator Type:

Owner/Op start date:

Owner/Op end date:

Not reported

Not reported

Owner

Owner

Not reported

Not reported

Direction Distance Elevation

Site Database(s) EPA ID Number

PROGRESSIVE TURNING (Continued)

1000611594

EDR ID Number

Owner/operator name: PROGRESSIVE TURNINGS INC

Owner/operator address: Not reported

Not reported

Owner/operator country: US

Owner/operator telephone: Not reported Legal status: Private Owner/Operator Type: Operator Owner/Op start date: 01/01/1900 Owner/Op end date: Not reported

Owner/operator name: PROGRESSIVE TURNINGS INC

Owner/operator address: Not reported

Not reported

Owner/operator country: US

Owner/operator telephone: Not reported Legal status: Private Owner/Operator Type: Owner Owner/Op start date: 01/01/1900 Owner/Op end date: Not reported

Owner/operator name: PROGRESSIVE TURNING

Owner/operator address: Not reported Not reported Owner/operator country: Not reported Owner/operator telephone: Not reported

Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): No Recycler of hazardous waste: No Transporter of hazardous waste: No Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: No Furnace exemption: No Used oil fuel burner: No Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: Nο Used oil transporter: No

Off-site waste receiver: Commercial status unknown

Universal Waste Summary:

Waste type: Batteries
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Lamps
Accumulated waste on-site: No
Generated waste on-site: No

Direction Distance Elevation

levation Site Database(s) EPA ID Number

PROGRESSIVE TURNING (Continued)

1000611594

EDR ID Number

Waste type: Pesticides
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Thermostats

Accumulated waste on-site: No Generated waste on-site: No

Historical Generators:

Date form received by agency: 03/17/1998

Facility name: PROGRESSIVE TURNINGS INC Classification: Small Quantity Generator

Date form received by agency: 03/21/1991

Facility name: PROGRESSIVE TURNINGS INC Classification: Large Quantity Generator

Hazardous Waste Summary:

Waste code: D001

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF

LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT

WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D001

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF

LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT

WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Facility Has Received Notices of Violations:

Regulation violated: Not reported Not reported Area of violation: Date violation determined: Not reported Date achieved compliance: Not reported Violation lead agency: Not reported Enforcement action: Not reported Enforcement action date: Not reported Enf. disposition status: Not reported Enf. disp. status date: Not reported Enforcement lead agency: Not reported Proposed penalty amount: Not reported Final penalty amount: Not reported Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 03/31/1998

Evaluation: COMPLIANCE ASSISTANCE VISIT

Area of violation: Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

PROGRESSIVE TURNING (Continued)

1000611594

SRP

S104491824

N/A

Date achieved compliance: Not reported Evaluation lead agency: State

03/17/1998 Evaluation date:

Evaluation: COMPLIANCE ASSISTANCE VISIT

Area of violation: Not reported Date achieved compliance: Not reported Evaluation lead agency: State

FINDS:

Registry ID: 110006404471

Environmental Interest/Information System

ACES (Illinois - Agency Compliance And Enforcement System) is the

Illinois EPA Project to facilitate the permitting operations

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of

events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA

program staff to track the notification, permit, compliance, and

corrective action activities required under RCRA.

H52 **GARTNER BUICK**

South 2424 EAST NEW YORK STREET

1/2-1 AURORA, IL 60504

0.876 mi.

4626 ft. Site 6 of 16 in cluster H

Relative:

SRP:

Higher

Actual: 710 ft.

IL EPA Id: 0434075026 US EPA Id: ILD097165211 Longitude: -88.25777

Latitude: 41.7602 Contact Name: Roland Gartner

Contact Address: 2424 East New York Street

Contact Address2: Not reported Contact City, St, Zip: Aurora, IL 60504 Contact Phone: (630) 851-2500 Date Enrolled: 2/3/1994

Point Of Contact: Ronald W. Schrack, P.E.

Schrack Environmental Consulting, Inc. Consultant Company:

Consultant Address: 2 Mid America Plaza Consultant Address2: Suite 800-PMB 8008 Consultant City, St, Zip: Oakbrook Terrace, IL 60181

Consultant Phone: (630) 495-0707 Bvnum Proj Mgr Assigned: Sec. 4 Letter Date: 1/27/1995 NFR Recorded: Not reported Active: False Total Acres: 6.3

Not reported No Further Remediation Letter Dt:

Gartner Buick-Peugeot, Inc. Remediation Applicant Co:

Remediation Applicant Title: Mr.

Remediation Applicant Name: Not reported Not reported Remediation Applicant Company:

Direction Distance

EDR ID Number Elevation Site **EPA ID Number** Database(s)

GARTNER BUICK (Continued) S104491824

Remediation Applicant Address: Not reported Remediation Applicant Address 2: Not reported Not reported Remediation Applicant City, St, Zip: Not reported Illinois EPA: Site Name: Not reported NFR Letter: Not reported Not reported NFR Letter Date Recorded: Not reported Site Type: Comprehensive/Focused: Not reported Institutional Controls: Not reported Not reported Barrier: Not reported Worker Caution: Acres: Not reported

H53 **GARTNER COLLISION REVISION** RCRA-CESQG 1004692909 South 2424 E NEW YORK ST **FINDS** ILD097165211

1/2-1 AURORA, IL 60504 0.876 mi.

4626 ft. Site 7 of 16 in cluster H

RCRA-CESQG: Relative: Date form received by agency: 04/25/2003 Higher

GARTNER COLLISION REVISION Facility name:

Facility address: 2424 E NEW YORK ST Actual: 710 ft.

AURORA, IL 60504 EPA ID: ILD097165211

Contact: DAVID ZILLY Contact address: 2424 E NEW YORK ST

AURORA, IL 60504

Contact country: US

Contact telephone: (630) 375-9000 Contact email: Not reported

EPA Region: 05

Classification: Conditionally Exempt Small Quantity Generator

Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time;

or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from

the cleanup of a spill, into or on any land or water, of acutely

hazardous waste

Owner/Operator Summary:

Owner/operator name: GARTNER ROLAND Owner/operator address: ADDRESS NOT REPORTED

CITY NOT REPORTED. AK 99998

Owner/operator country: Not reported Owner/operator telephone: (312) 555-1212 Legal status: Private

MANIFEST

Direction Distance

Elevation Site Database(s) EPA ID Number

GARTNER COLLISION REVISION (Continued)

1004692909

EDR ID Number

Owner/Operator Type: Owner
Owner/Op start date: 01/01/0001
Owner/Op end date: Not reported

Owner/operator name: GARTNER COLLISION REVISION

Owner/operator address: 2424 E NEW YORK ST

AURORA, IL 60504

Owner/operator country: US

Owner/operator telephone: (630) 375-9000

Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 04/25/2003
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): No Recycler of hazardous waste: No Transporter of hazardous waste: No Treater, storer or disposer of HW: No Underground injection activity: Nο On-site burner exemption: No Furnace exemption: No Used oil fuel burner: No Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: No Used oil transporter: No

Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 12/12/1989

Facility name: GARTNER COLLISION REVISION Site name: GARTNER BUICK PEUGEOT

Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110005843597

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

Map ID MAP FINDINGS
Direction

Distance Elevation

Site Database(s) EPA ID Number

GARTNER COLLISION REVISION (Continued)

1004692909

EDR ID Number

ACES (Illinois - Agency Compliance And Enforcement System) is the Illinois EPA Project to facilitate the permitting operations

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

WI MANIFEST:

Year: 04

EPA ID: ILD097165211

FID: 0
ACT Code: 203
ACT Status: A
ACT Code 1: 203

ACT Name: HW Generator - Very Small

Contact First Name: Not reported Not reported Contact Last Name: Contact Title: Not reported Contact Address: Not reported Contact State: Not reported Contact City: Not reported Contact Zip: Not reported Contact Telephone: Not reported Contact Extention: Not reported Contact Email Address: Not reported

WI MANIFEST SHIP: -

Manifest DOC ID: Not reported Copy Type: Not reported Gen EPA ID: Not reported Gen Date: Not reported TSD Date: Not reported TSD EPA ID: Not reported GEN Copy Revd Date: Not reported TSG Copy Revd Date: Not reported Manifest DOC ID: Not reported Waste Page No: Not reported Waste Line No: Not reported Waste Code: Not reported Waste Amount: Not reported Unit of Measure: Not reported Waste LBS: Not reported

WI MANIFEST TRANS: -

Mifest DOC ID: Not reported TRAN EPA ID: Not reported TRAN ORDER NO: Not reported TRAN Date: Not reported

Manifest DOC ID: Not reported Waste Page No: Not reported Waste Line No: Not reported Waste Code: Not reported Waste Amount: Not reported

Distance Elevation S

Site Database(s) EPA ID Number

GARTNER COLLISION REVISION (Continued)

1004692909

EDR ID Number

Unit of Measure: Not reported Waste LBS: Not reported

Year: 05

EPA ID: ILD097165211

FID: 0
ACT Code: 203
ACT Status: A
ACT Code 1: 203

ACT Name: HW Generator - Very Small

Contact First Name: Not reported Contact Last Name: Not reported Contact Title: Not reported Contact Address: Not reported Contact State: Not reported Contact City: Not reported

Contact Zip: 0
Contact Telephone: 0

Contact Extention: Not reported Contact Email Address: Not reported

WI MANIFEST SHIP:

Manifest DOC ID: Not reported Copy Type: Not reported Gen EPA ID: Not reported Gen Date: Not reported TSD Date: Not reported TSD EPA ID: Not reported GEN Copy Revd Date: Not reported TSG Copy Revd Date: Not reported Not reported Manifest DOC ID: Waste Page No: Not reported Waste Line No: Not reported Waste Code: Not reported Not reported Waste Amount: Unit of Measure: Not reported Waste LBS: Not reported

WI MANIFEST TRANS: -

Mifest DOC ID: Not reported TRAN EPA ID: Not reported TRAN ORDER NO: Not reported TRAN Date: Not reported

Manifest DOC ID:
Waste Page No:
Waste Line No:
Waste Code:
Waste Amount:
Unit of Measure:
Waste LBS:
Not reported
Not reported
Not reported
Not reported
Not reported

Direction Distance

Elevation Site Database(s) **EPA ID Number**

H54 **GARTNER BUICK** LUST S104524904 2424 EAST NEW YORK ST. N/A

South AURORA, IL 60504 1/2-1

0.876 mi.

4626 ft. Site 8 of 16 in cluster H

LUST: Relative:

Higher Actual:

710 ft.

Incident Num: 921404 IL EPA Id: 0434075026 Product: Gasoline IEMA Date: 5/26/1992

Project Manager: Rominger Project Manager Phone: Not reported Not reported Email: PRP Name: Gartner Buick PRP Contact: Vic Fazio

PRP Address: 2424 East New York St. PRP City,St,Zip: Aurora, IL 60504 PRP Phone: Not reported Site Classification: Not reported

Section 57.5(g) Letter: 731

Non LUST Determination Letter: Not reported 20 Report Received: 8/25/1992 45 Report Received: 2/29/1992 Section 57.5(g) Letter: Not reported NFA/NFR Letter: 11/9/1993 NFR Date Recorded: Not reported

H55 **GARTNER COLLISION REVISION** South 2424 EAST NEW YORK ST.

1/2-1 AURORA, IL

0.876 mi.

4626 ft. Site 9 of 16 in cluster H

IL AIRS: Relative:

Facility ID: 29360 Higher Facility Address 2: Not reported Actual: Contact Name: Not reported 710 ft. Contact Title: Not reported

Contact Tele: Not reported Contact Extention: Not reported Contact EMail: Not reported Contact Fax: Not reported Lat/Long: Not reported ID Number: 043407AAL Cease Operation Date: Not reported SIC Code: Not reported

Address Type Code: LOC

Not reported Year:

Emissions:

Year: Not reported **Emissions Type:** Not reported Id Num: Not reported Pollutant Code: Not reported Tons per Year: Not reported Last Updated By: Not reported Last Updated Date: Not reported AIRS S107742198

N/A

EDR ID Number

Direction Distance

Elevation Site Database(s) EPA ID Number

 H56
 GERTNER BUICK PEUGEOT INC
 UST
 U001144734

 South
 2424 E NEW YORK ST
 N/A

South 2424 E NEW YORK ST 1/2-1 AURORA, IL 60504

0.876 mi.

4626 ft. Site 10 of 16 in cluster H

Relative: Higher UST:

Facility ID: 2019490
Facility Status: Closed
Facility Type: Auto Dealer

Actual: Facility Type: Auto Dealer
710 ft. Owner Name: Gartner Buick Peugeot Inc

 Owner Id:
 U0005649

 Owner Address:
 2424 E New York St

 Owner City,St,Zip:
 Aurora, IL 60504

Tank Number: Tank Capacity: 1000 Tank Substance: Gasoline 2/25/1992 Last Used Date: **OSFM First Notify Date:** 4/12/1986 Tank Status: Removed Red Tag Issue Date: Not reported Install Date: Not reported **Green Tag Decal:** Not reported Not reported **Green Tag Issue Date: Green Tag Expire Date:** Not reported Self Service Permit Inspection Date:Not reported **Self Service Permit Expire Date:** Not reported Fee Due: Not reported

Tank Number: 2 Tank Capacity: 550 Tank Substance: Not reported Last Used Date: 5/1/1992 OSFM First Notify Date: 4/12/1986 Tank Status: Removed Red Tag Issue Date: Not reported Install Date: Not reported Green Tag Decal: Not reported **Green Tag Issue Date:** Not reported **Green Tag Expire Date:** Not reported Self Service Permit Inspection Date:Not reported **Self Service Permit Expire Date:** Not reported Fee Due: Not reported

Tank Number: 3 Tank Capacity: 1000 Tank Substance: Used Oil Last Used Date: 5/1/1992 OSFM First Notify Date: 4/12/1986 **Tank Status:** Removed Red Tag Issue Date: Not reported Install Date: Not reported **Green Tag Decal:** Not reported Green Tag Issue Date: Not reported **Green Tag Expire Date:** Not reported Self Service Permit Inspection Date:Not reported **EDR ID Number**

Direction Distance

Elevation Site Database(s) **EPA ID Number**

GERTNER BUICK PEUGEOT INC (Continued)

U001144734

EDR ID Number

Self Service Permit Expire Date: Not reported Not reported Fee Due:

Tank Number: 4 Tank Capacity: 280 Tank Substance: Not reported Last Used Date: 9/1/1979 **OSFM First Notify Date:** 4/12/1986

Tank Status: **Exempt from registration**

Not reported Red Tag Issue Date: Install Date: Not reported **Green Tag Decal:** Not reported **Green Tag Issue Date:** Not reported Not reported **Green Tag Expire Date:** Self Service Permit Inspection Date:Not reported Not reported **Self Service Permit Expire Date:** Fee Due: Not reported

Tank Number: 5 Tank Capacity: 550 Not reported Tank Substance: Last Used Date: 5/1/1992 9/9/1991 OSFM First Notify Date: Tank Status: Removed Red Tag Issue Date: Not reported Install Date: 1/1/1902 Green Tag Decal: Not reported Green Tag Issue Date: Not reported **Green Tag Expire Date:** Not reported Self Service Permit Inspection Date:Not reported **Self Service Permit Expire Date:** Not reported Fee Due: Not reported

H57 **GARTNER COLLISION REVISION**

AIRS \$107742197 2424 E NEW YORK N/A

AURORA, IL 1/2-1 0.876 mi.

4626 ft. Site 11 of 16 in cluster H

Relative: Higher

Actual:

710 ft.

South

IL AIRS:

Facility ID: 28337 Facility Address 2: Not reported Contact Name: **Gred Gade**

Contact Title: A Managing Partner 630-375-9000 Contact Tele: Contact Extention: Not reported Contact EMail: Not reported Contact Fax: Not reported Lat/Long: Not reported 089800ABU ID Number: Cease Operation Date: 4/5/2004 SIC Code: Not reported Address Type Code: LOC

Year: Not reported

Emissions:

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

GARTNER COLLISION REVISION (Continued)

S107742197

Year: Not reported **Emissions Type:** Not reported Not reported Id Num: Pollutant Code: Not reported Tons per Year: Not reported Last Updated By: Not reported Last Updated Date: Not reported

H58 UST U000793950 **VALLEY IMPORTS INC** South 2170 E NEW YORK ST N/A

1/2-1

0.882 mi. 4655 ft.

Site 12 of 16 in cluster H

AURORA, IL 60504

Relative: Higher

UST:

2011563 Facility ID: Facility Status: Closed Facility Type: None

Actual: 710 ft.

Owner Name: Valley Imports Inc U0015593 Owner Id:

Owner Address: 2170 E New York St Owner City, St, Zip: Aurora, IL 60504

Tank Number: Tank Capacity: 500 Not reported Tank Substance: Last Used Date: 4/1/1988 **OSFM First Notify Date:** 4/29/1986 Tank Status: Removed Red Tag Issue Date: Not reported Install Date: Not reported Green Tag Decal: Not reported **Green Tag Issue Date:** Not reported **Green Tag Expire Date:** Not reported Self Service Permit Inspection Date:Not reported **Self Service Permit Expire Date:** Not reported Fee Due: Not reported

Tank Number: 2 Tank Capacity: 500 Tank Substance: Not reported Last Used Date: 4/1/1988 4/29/1986 OSFM First Notify Date: **Tank Status:** Removed Red Tag Issue Date: Not reported Install Date: Not reported **Green Tag Decal:** Not reported **Green Tag Issue Date:** Not reported **Green Tag Expire Date:** Not reported Self Service Permit Inspection Date:Not reported Not reported Self Service Permit Expire Date: Fee Due: Not reported

Direction Distance

Distance EDR ID Number

Elevation Site EDA ID Number

 H59
 BILL JACOBS AURORA INC
 RCRA-SQG
 1000283001

 South
 2170 E NEW YORK ST
 FINDS
 ILD047908686

1/2-1 0.882 mi.

Actual:

710 ft.

4655 ft. Site 13 of 16 in cluster H

AURORA, IL 60504

Relative: RCRA-SQG:

Higher Date form received by agency: 08/12/2009

Facility name: JACOBS BILL AURORA INC Facility address: 2170 E NEW YORK ST

AURORA, IL 60504

EPA ID: ILD047908686

Contact: RICH KRUKIEWICZ

Contact address: 2170 E NEW YORK ST

AURORA, IL 60504

Contact country: US

Contact telephone: (630) 357-1200 Contact email: Not reported

EPA Region: 05

Classification: Small Small Quantity Generator

Description: Handler: generates more than 100 and less than 1000 kg of hazardous

waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of

hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: AURORA INVESTMENT LLC
Owner/operator address: 1564 W OGDEN AVE

NAPERVILLE, IL 60540

Owner/operator country: Not reported
Owner/operator telephone: (630) 357-1200
Legal status: Private
Owner/Operator Type: Owner

Owner/Op end date: Owner/Op end

Owner/operator name: NAME NOT REPORTED
Owner/operator address: ADDRESS NOT REPORTED
CITY NOT REPORTED, AK 99998

Owner/operator country:

Owner/operator telephone:
Legal status:
Owner/Operator Type:
Owner/Op start date:
Owner/Op end date:

Not reported
Operator
Not reported
Not reported
Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown Mixed waste (haz. and radioactive): Unknown Recycler of hazardous waste: Unknown Transporter of hazardous waste: No Treater, storer or disposer of HW: Unknown Underground injection activity: Unknown On-site burner exemption: Unknown Furnace exemption: Unknown Used oil fuel burner: Unknown Used oil processor: Unknown

Direction Distance

Elevation Site Database(s) EPA ID Number

BILL JACOBS AURORA INC (Continued)

1000283001

EDR ID Number

User oil refiner:
Unknown
Used oil fuel marketer to burner:
Used oil Specification marketer:
Unknown
Used oil transfer facility:
Unknown
Used oil transporter:
Unknown

Off-site waste receiver: Verified to be non-commercial

Universal Waste Summary:

Waste type: Batteries
Accumulated waste on-site: No

Generated waste on-site: Not reported

Waste type: Lamps Accumulated waste on-site: No

Generated waste on-site: Not reported

Waste type: Pesticides
Accumulated waste on-site: No

Generated waste on-site: Not reported

Waste type: Thermostats

Accumulated waste on-site: No

Generated waste on-site: Not reported

Historical Generators:

Date form received by agency: 10/25/2000

Facility name: JACOBS BILL AURORA INC Classification: Small Quantity Generator

Date form received by agency: 10/16/1986

Facility name: JACOBS BILL AURORA INC Classification: Small Quantity Generator

Hazardous Waste Summary:

Waste code: D039

Waste name: TETRACHLOROETHYLENE

Violation Status: No violations found

FINDS:

Registry ID: 110005829504

Environmental Interest/Information System

ACES (Illinois - Agency Compliance And Enforcement System) is the Illinois EPA Project to facilitate the permitting operations

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Direction Distance

Elevation Site Database(s) EPA ID Number

H60 NORB KORNAK OLDSMOBILE LUST \$104190535

N/A

FINDS ILD024934366

EDR ID Number

South 2175 NEW YORK ST. 1/2-1 AURORA, IL 60504

0.882 mi.

4655 ft. Site 14 of 16 in cluster H

Relative: LUST:

Higher

Actual:

710 ft.

Incident Num: 992513

IL EPA Id: 0894075080

Product: Gasoline, Uset Oil

IEMA Date: 11/9/1999

Project Manager: Reynolds
Project Manager Phone: (217) 782-6762
Email: Not reported

PRP Name: Norb Kornak Oldsmobile

PRP Contact:

PRP Address:

PRP City,St,Zip:

PRP Phone:

Site Classification:

James Kornak

493 Old Surrey Rd.

Hinsdale, IL 60521

Not reported

Not reported

Section 57.5(g) Letter: 732

Non LUST Determination Letter: Not reported 20 Report Received: 3/17/2000 45 Report Received: 3/17/2000 Section 57.5(g) Letter: Not reported NFA/NFR Letter: 6/19/2000 NFR Date Recorded: 11/17/2000

NORB KORNAK OLDS INC RCRA-CESQG 1000307054

1/2-1 0.882 mi.

H61

South

4655 ft. Site 15 of 16 in cluster H

Relative: RCRA-CESQG:

Higher Date form received by agency: 05/13/1998

2175 E NEW YORK ST

AURORA, IL 60505

EPA ID:

Facility name: KORNAK NORB OLDS INC

Actual: Facility address: 2175 E NEW YORK ST 710 ft. 2175 E NEW YORK ST AURORA, IL 60505

Mailing address: P O BOX 1584
AURORA, IL 60507
Contact: RICK JOHNSON

Contact: RICK JOHNSON
Contact address: P O BOX 1584
AURORA, IL 60507

Contact country: US

Contact telephone: (312) 898-8750 Contact email: Not reported

EPA Region: 05

Classification: Conditionally Exempt Small Quantity Generator

ILD024934366

Description: Handler: generates 100 kg or less of hazardous waste per calendar

month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any

Map ID MAP FINDINGS
Direction

Distance Elevation

Site Database(s) EPA ID Number

NORB KORNAK OLDS INC (Continued)

1000307054

EDR ID Number

time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: KORNAK NORBERT
Owner/operator address: ADDRESS NOT REPORTED
CITY NOT REPORTED, AK 99998

Owner/operator country:
Owner/operator telephone:
Legal status:
Owner/Operator Type:
Owner/Op start date:
Owner/Op end date:
Not reported
Not reported
Not reported
Not reported

Owner/operator name: NAME NOT REPORTED
Owner/operator address: ADDRESS NOT REPORTED

CITY NOT REPORTED, AK 99998

Owner/operator country:

Owner/operator telephone:

Legal status:

Owner/Operator Type:

Operator

Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: KORNAK NORBERT

Owner/operator address: ADDRESS NOT REPORTED

CITY NOT REPORTED, AK 99998

Owner/operator country: Not reported
Owner/operator telephone: (312) 555-1212
Legal status: Private
Owner/Operator Type: Owner

Owner/Operator Type: Owner
Owner/Op start date: 01/01/0001
Owner/Op end date: Not reported

Owner/operator name: NAME NOT REPORTED
Owner/operator address: ADDRESS NOT REPORTED
CITY NOT REPORTED, AK 99998

Owner/operator country:

Owner/operator telephone:

Legal status:

Owner/Operator Type:

Owner/Op start date:

Owner/Op end date:

Not reported

(312) 555-1212

Private

Operator

Operator

01/01/0001

Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown Mixed waste (haz. and radioactive): Unknown Recycler of hazardous waste: No Transporter of hazardous waste: No Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: Unknown Furnace exemption: Unknown Used oil fuel burner: No

Direction Distance

Elevation **EPA ID Number** Site Database(s)

NORB KORNAK OLDS INC (Continued)

1000307054

EDR ID Number

Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: No Used oil transporter: No

Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 08/12/1987

Facility name: KORNAK NORB OLDS INC Classification: Small Quantity Generator

Hazardous Waste Summary:

Waste code: D001

IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF Waste name:

> LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT

WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D001

IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF Waste name:

LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT

WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

FINDS:

110005821361 Registry ID:

Environmental Interest/Information System

ACES (Illinois - Agency Compliance And Enforcement System) is the Illinois EPA Project to facilitate the permitting operations

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport,

and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA

program staff to track the notification, permit, compliance, and

corrective action activities required under RCRA.

Direction Distance

Elevation Site Database(s) **EPA ID Number**

H62 NORB KORNAK OLDS, INC. U000867480 South 2175 EAST NEW YORK STREET N/A

AURORA, IL 60505 1/2-1

0.882 mi.

4655 ft. Site 16 of 16 in cluster H

Relative:

UST:

Facility ID: 2006184 Higher Facility Status: Closed Facility Type:

Actual: **Auto Dealer** 710 ft. Owner Name:

Kornak Family Limited Partnership

Owner Id: U0030483

Owner Address: 220 N. County Line Road Owner City, St, Zip: Hinsdale, IL 60521

Tank Number: Tank Capacity: 500 Used Oil Tank Substance: 10/1/1998 Last Used Date: 3/26/1986 **OSFM First Notify Date:** Tank Status: Removed Red Tag Issue Date: Not reported Install Date: 10/1/1976 **Green Tag Decal:** Not reported Not reported **Green Tag Issue Date: Green Tag Expire Date:** Not reported Self Service Permit Inspection Date:Not reported **Self Service Permit Expire Date:** Not reported

Fee Due: No

Tank Number: 2 1000 Tank Capacity: Tank Substance: New Oil Last Used Date: 10/1/1998 OSFM First Notify Date: 3/26/1986 Tank Status: Removed Red Tag Issue Date: Not reported 10/1/1976 Install Date: Green Tag Decal: Not reported **Green Tag Issue Date:** Not reported **Green Tag Expire Date:** Not reported Self Service Permit Inspection Date:Not reported **Self Service Permit Expire Date:** Not reported

Fee Due: No

Tank Number: 3 Tank Capacity: 500

Tank Substance: Transmission Oil 10/1/1998 Last Used Date: OSFM First Notify Date: 3/26/1986 **Tank Status:** Removed Red Tag Issue Date: Not reported Install Date: 10/1/1976 **Green Tag Decal:** Not reported Green Tag Issue Date: Not reported **Green Tag Expire Date:** Not reported Self Service Permit Inspection Date:Not reported

EDR ID Number

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

NORB KORNAK OLDS, INC. (Continued)

U000867480

S106781196

N/A

SHWS

LUST

Self Service Permit Expire Date: Not reported

Fee Due: No

Tank Number: 4 Tank Capacity: 5000 Tank Substance: Gasoline Last Used Date: 10/1/1998 **OSFM First Notify Date:** 3/26/1986 Tank Status: Removed Red Tag Issue Date: Not reported Install Date: 10/1/1976 **Green Tag Decal:** Not reported **Green Tag Issue Date:** Not reported **Green Tag Expire Date:** Not reported Self Service Permit Inspection Date:Not reported Not reported **Self Service Permit Expire Date:**

Fee Due: No

BURLINGTON NORTHERN - EOLA 63

> MCCLURE AVENUE **EOLA, IL 60519**

1/2-1 0.884 mi. 4668 ft.

ENE

SHWS: Relative:

Facility ID: 0438995008 Higher

Facility Type: Railroad - locomotive collision Actual: 41.7703514 / -88.257331 Lat/Long:

723 ft. Take I-55 North to Route 30 West to Route 59 North. Take this to North Directions:

Aurora Road and go west to Eola Road. Go south. Train yard is visible

from the bridge.

Des Plaines Region: SSU Current Program: SSU Status: Active US Epaid: Not reported Year Completed: Not reported Year Entered: Not reported Site Size: 10

LUST:

Incident Num: 881712 IL EPA Id: 0438995008 Fuel Oil Product: IEMA Date: Not reported Project Manager: Dilbaitis Project Manager Phone: (217) 785-8378

Bradley.Dilbaitis@illinois.gov Email: PRP Name: Burlington Northern Railroad

PRP Contact: **Greg Jeffries**

4105 North Lexington Ave. PRP Address: PRP City,St,Zip: Arden Hills, MN 55126

PRP Phone: Not reported Not reported Site Classification: Section 57.5(g) Letter: 731

Non LUST Determination Letter: Not reported 20 Report Received: Not reported

Direction Distance

Distance EDR ID Number

Elevation Site EDA ID Number

BURLINGTON NORTHERN - EOLA (Continued) \$106781196

45 Report Received: Not reported Section 57.5(g) Letter: Not reported NFA/NFR Letter: 1/31/2005
NFR Date Recorded: 3/21/2005

 I64
 PDI INDUSTRIES INC
 FINDS
 1008140145

 WSW
 1666 DEARBORN AVE
 N/A

1/2-1 AURORA, IL 60505

0.904 mi.

4774 ft. Site 1 of 6 in cluster I

Relative: FINDS:

Relative: Higher

Registry ID: 110018368611

Actual: 710 ft. Environmental Interest/Information System

ACES (Illinois - Agency Compliance And Enforcement System) is the

Illinois EPA Project to facilitate the permitting operations

 I65
 P.D.I. INDUSTRIES
 LUST
 \$104003493

 WSW
 1666 DEARBORN
 N/A

1/2-1 AURORA, IL 60505

0.904 mi.

4774 ft. Site 2 of 6 in cluster I

Relative: LUST:

 Higher
 Incident Num:
 923407

 IL EPA Id:
 0890050013

 Actual:
 Product:
 Fuel Oil

 710 ft.
 IEMA Date:
 12/1/1992

 Project Manager:
 Irwin

Project Manager: Project Manager Phone: Not reported Email: Not reported PRP Name: P.D.I. Industries PRP Contact: **Bob Hollis** PRP Address: P.O. Box 2375 PRP City,St,Zip: Aurora, IL 60507 PRP Phone: Not reported Site Classification: Not reported

Section 57.5(g) Letter: 731

Non LUST Determination Letter: Not reported
20 Report Received: 12/18/1992
45 Report Received: 2/8/1993

Section 57.5(g) Letter: Not reported
NFA/NFR Letter: 4/14/1993

NFR Date Recorded: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

 I66
 HOLLIS ROBERT
 UST U000867454

 WSW
 1666 DEARBORN ST
 N/A

1/2-1 AURORA, IL 60505

0.904 mi.

4774 ft. Site 3 of 6 in cluster I

Relative: UST:

Relative:

HigherFacility ID:2031422Facility Status:Exempt

Actual: Facility Type: Industrial / Manufacturing

710 ft. Owner Name: Hollis Robert
Owner Id: U0020758
Owner Address: 1666 Dearborn St
Owner City,St,Zip: Aurora, IL 60505

Tank Number:1Tank Capacity:500Tank Substance:Not re

Tank Substance: Not reported Last Used Date: 1/1/1968
OSFM First Notify Date: 12/28/1993

Tank Status: Exempt from registration

Red Tag Issue Date:
Install Date:

Green Tag Decal:

Green Tag Issue Date:

Green Tag Expire Date:

Self Service Permit Inspection Date:Not reported

Self Service Permit Expire Date:

Not reported

I67 FERNANDOS BODY WORKS WSW 1660 DEARBORN AVE 1/2-1 AURORA, IL 60505

0.909 mi.

4799 ft. Site 4 of 6 in cluster I

Relative: RCRA-CESQG:

Higher Date form received by agency: 12/23/2009

Facility name: FERNANDOS BODY WORKS

Actual: Facility address: 1660 DEARBORN AVE 710 ft. AURORA II 60505

AURORA, IL 60505 EPA ID: ILR000160564

Contact: ENV COORDINATOR

Contact address: Not reported

Not reported
Contact country: Not reported
Contact telephone: (630) 896-3040
Contact email: Not reported

EPA Region: 05

Classification: Conditionally Exempt Small Quantity Generator

Description: Handler: generates 100 kg or less of hazardous waste per calendar

month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any

TC2800629.2s Page 111

RCRA-CESQG

1012210762

ILR000160564

EDR ID Number

Direction Distance Elevation

Site Database(s) EPA ID Number

FERNANDOS BODY WORKS (Continued)

1012210762

EDR ID Number

time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: FERNANDOS BODY WORKS

Owner/operator address:

Not reported
Not reported
Owner/operator country:

Owner/operator telephone:

Not reported
Not reported

Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 12/23/2009
Owner/Op end date: Not reported

Owner/operator name: FERNANDOS BODY WORKS

Owner/operator address: Not reported

Not reported Not reported

Owner/operator telephone: Not reported Legal status: Private Owner/Operator Type: Operator Owner/Op start date: 12/23/2009 Owner/Op end date: Not reported

Handler Activities Summary:

Owner/operator country:

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): No Recycler of hazardous waste: No Transporter of hazardous waste: No Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: No Furnace exemption: No Used oil fuel burner: No Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: No Used oil transporter: No

Off-site waste receiver: Commercial status unknown

Universal Waste Summary:

Waste type: Batteries Accumulated waste on-site: No

Generated waste on-site: Not reported

Waste type: Lamps Accumulated waste on-site: No

Generated waste on-site: Not reported

Waste type: Pesticides Accumulated waste on-site: No

Generated waste on-site: Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

FERNANDOS BODY WORKS (Continued)

1012210762

Waste type: Thermostats

Accumulated waste on-site: No

Generated waste on-site: Not reported

Violation Status: No violations found

168 **FERNANDOS BODY WORKS** wsw **1660 DEARBORN AVE**

FINDS 1012297808

N/A

1/2-1 AURORA, IL 60505

0.909 mi.

4799 ft. Site 5 of 6 in cluster I FINDS:

Relative: Higher

Registry ID: 110040318803

Actual: 710 ft.

Environmental Interest/Information System

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events and activities related to facilities that generate, transport,

and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA

program staff to track the notification, permit, compliance, and

corrective action activities required under RCRA.

J69 7-ELEVEN #32202 UST U003559101 **ENE** 1202 NORTH EOLA N/A

1/2-1

AURORA, IL 60514

0.913 mi.

4818 ft. Site 1 of 3 in cluster J

Relative:

UST:

Higher

Facility ID: 2035697 Facility Status: Active

Actual: 718 ft.

Facility Type: **Self-Service Station** 7 -Eleven, Inc. Owner Name: Owner Id: U0014207 Owner Address: P.O. Box 711

Owner City, St, Zip: Dallas, TX 752210711

Tank Number:

Tank Capacity: 15000 Tank Substance: Gasoline Last Used Date: Not reported OSFM First Notify Date: 11/18/1997 **Tank Status:** Currently in use Red Tag Issue Date: Not reported Install Date: 8/1/1997 **Green Tag Decal:** J000465 5/1/2008 **Green Tag Issue Date: Green Tag Expire Date:** 12/31/2010 Self Service Permit Inspection Date:8/14/2008 **Self Service Permit Expire Date:** 12/31/2010

Fee Due: No

Direction Distance

Elevation Site Database(s) **EPA ID Number**

7-ELEVEN #32202 (Continued)

Fee Due:

U003559101

EDR ID Number

Tank Number: 2 10000 Tank Capacity: Tank Substance: Gasoline Last Used Date: Not reported **OSFM First Notify Date:** 11/18/1997 **Tank Status:** Currently in use Red Tag Issue Date: Not reported Install Date: 8/1/1997 **Green Tag Decal:** J000465 **Green Tag Issue Date:** 5/1/2008 **Green Tag Expire Date:** 12/31/2010 Self Service Permit Inspection Date:8/14/2008 **Self Service Permit Expire Date:** 12/31/2010

No

No

Tank Number: 3 10000 Tank Capacity: Tank Substance: Gasoline Not reported Last Used Date: **OSFM First Notify Date:** 11/18/1997 Tank Status: Currently in use Red Tag Issue Date: Not reported Install Date: 8/1/1997 J000465 **Green Tag Decal:** Green Tag Issue Date: 5/1/2008 **Green Tag Expire Date:** 12/31/2010 Self Service Permit Inspection Date:8/14/2008 **Self Service Permit Expire Date:** 12/31/2010

170 P C DISPLAY FINISHERS INC **CERC-NFRAP** 1000703663 wsw **1666 NORTH DEARBORN** CORRACTS ILD005071949

1/2-1 AURORA, IL 60505

0.915 mi.

4829 ft. Site 6 of 6 in cluster I

Relative:

CERC-NFRAP:

Non NPL Status:

Fee Due:

Site ID: Higher

Not a Federal Facility Federal Facility: Actual: NPL Status: Not on the NPL 710 ft.

CERCLIS-NFRAP Site Contact Name(s):

Contact Title: RESPONSIBLE PARTY INVESTIGATOR

Deferred to RCRA

0507014

Contact Name: JANET PFUNDHELLER

Contact Tel: (312) 353-5821

Program Priority:

Description: **RCRA Deferral Audit**

RCRA Deferral - Lead Confirmed Description:

CERCLIS-NFRAP Assessment History: DISCOVERY Action: Date Started: Not reported

RCRA-NonGen

FINDS

Direction Distance

Elevation Site Database(s) **EPA ID Number**

P C DISPLAY FINISHERS INC (Continued)

Date Completed:

Priority Level:

Not reported

Action: PRELIMINARY ASSESSMENT

Date Started: Not reported 12/04/1992 Date Completed:

Deferred to RCRA (Subtitle C) Priority Level:

04/27/1992

Action: ARCHIVE SITE Date Started: Not reported Date Completed: 09/26/1995 Priority Level: Not reported

CORRACTS:

EPA ID: ILD005071949

EPA Region: 05

Area Name: **ENTIRE FACILITY**

Actual Date: 05/01/2009

CA070NO - RFA Determination Of Need For An RFI, RFI is Not Necessary Action:

NAICS Code(s): Not reported Original schedule date: Not reported Schedule end date: Not reported

EPA ID: ILD005071949

EPA Region: 05

Area Name: **ENTIRE FACILITY** Actual Date: 09/14/1992

CA075LO - CA Prioritization, Facility or area was assigned a low Action:

corrective action priority

NAICS Code(s): Not reported Original schedule date: Not reported Schedule end date: Not reported

RCRA-NonGen:

Date form received by agency: 11/01/2007

PC DISPLAY FINISHERS INC Facility name: 1666 DEARBORN AVE Facility address:

AURORA, IL 60505

EPA ID: ILD005071949 Contact: **ENV COORDINATOR**

Contact address: Not reported

Not reported

Not reported Contact country: (630) 896-1274 Contact telephone: Contact email: Not reported

EPA Region: 05 Land type: Private Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: **ROBERT J HOLLIS** Owner/operator address: PO BOX 1324 AURORA, IL 60504

EDR ID Number

1000703663

Direction Distance

Elevation Site Database(s) EPA ID Number

P C DISPLAY FINISHERS INC (Continued)

1000703663

EDR ID Number

Owner/operator country: Not reported
Owner/operator telephone: (312) 898-2136
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: ROBERT J HOLLIS
Owner/operator address: PO BOX 1324

CITY NOT REPORTED, IL 99998

Owner/operator country: Not reported
Owner/operator telephone: (312) 898-2136
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Mixed waste (haz. and radioactive): No Recycler of hazardous waste: Nο Transporter of hazardous waste: No Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: No Furnace exemption: Nο Used oil fuel burner: No Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: Nο Used oil transfer facility: No Used oil transporter: No

Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 11/18/1980

Facility name: PC DISPLAY FINISHERS INC Classification: Not a generator, verified

Date form received by agency: 08/15/1980

Facility name: PC DISPLAY FINISHERS INC Classification: Large Quantity Generator

Hazardous Waste Summary:

Waste code: F005

Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL

KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE,

2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF

THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005

Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL

Direction Distance Elevation

Site Database(s) EPA ID Number

P C DISPLAY FINISHERS INC (Continued)

1000703663

EDR ID Number

KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF

THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Corrective Action Summary:

Event date: 09/14/1992

Event: CA Prioritization, Facility or area was assigned a low corrective

action priority.

Event date: 05/01/2009

Event: RFA Determination Of Need For An RFI, RFI is Not Necessary;

Facility Has Received Notices of Violations: Regulation violated: SR - 725.211

Area of violation: TSD - Closure/Post-Closure

Date violation determined: 12/30/1991 Date achieved compliance: 04/05/1994

Violation lead agency: State

Enforcement action: VIOLATION NOTICE (VN)

Enforcement action date: 08/26/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Prinal penalty amount: Not reported
Reid penalty amount: Not reported

Paid penalty amount: Not reported

Area of violation: TSD - Closure/Post-Closure

SR - 725.212(a)

Date violation determined: 12/30/1991
Date achieved compliance: 11/13/1992
Violation lead agency: State

Regulation violated:

Enforcement action: VIOLATION NOTICE (VN)

Enforcement action date: 08/26/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 725.212(a)

Area of violation: TSD - Closure/Post-Closure

Date violation determined: 12/30/1991
Date achieved compliance: 11/13/1992
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 02/25/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

P C DISPLAY FINISHERS INC (Continued)

1000703663

EDR ID Number

Paid penalty amount: Not reported

Regulation violated: SR - 725.211

Area of violation: TSD - Closure/Post-Closure

Date violation determined: 12/30/1991
Date achieved compliance: 04/05/1994
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 02/25/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Paid penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported Area of violation: TSD - General Date violation determined: 02/02/1988
Date achieved compliance: 08/26/1988

Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 03/15/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 12/27/1993

Evaluation: FOCUSED COMPLIANCE INSPECTION

Area of violation:

Date achieved compliance:

Evaluation lead agency:

Not reported

State

Evaluation date: 12/27/1993

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: TSD - Closure/Post-Closure

Date achieved compliance: 04/05/1994 Evaluation lead agency: State

Evaluation date: 12/30/1991

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: TSD - Closure/Post-Closure

Date achieved compliance: 11/13/1992 Evaluation lead agency: State

Evaluation date: 12/30/1991

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: TSD - Closure/Post-Closure

Date achieved compliance: 04/05/1994 Evaluation lead agency: State

Evaluation date: 03/09/1990

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

P C DISPLAY FINISHERS INC (Continued)

1000703663

Area of violation: Not reported Date achieved compliance: Not reported Evaluation lead agency: State

Evaluation date:

COMPLIANCE EVALUATION INSPECTION ON-SITE Evaluation:

02/02/1988

Area of violation: TSD - General Date achieved compliance: 08/26/1988 Evaluation lead agency: State

Evaluation date: 02/02/1988

NON-FINANCIAL RECORD REVIEW Evaluation:

Area of violation: Not reported Date achieved compliance: Not reported Evaluation lead agency: **EPA**

FINDS:

Registry ID: 110005812503

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and

corrective action activities required under RCRA.

J71 **BP AMOCO FINDS** 1007692534 N/A

ENE 1207 N EOLA RD 1/2-1 AURORA, IL 60504

0.922 mi.

Site 2 of 3 in cluster J 4869 ft.

Relative: Higher

FINDS:

Registry ID: 110018385996

Actual: 718 ft.

Environmental Interest/Information System

ACES (Illinois - Agency Compliance And Enforcement System) is the Illinois EPA Project to facilitate the permitting operations

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and

corrective action activities required under RCRA.

Direction Distance

Distance EDR ID Number
Elevation Site EDR ID Number

 J72
 BP AMOCO
 RCRA-NonGen
 1007570025

 ENE
 1207 N EOLA RD
 MANIFEST
 ILR000131300

1/2-1 AURORA, IL 60504

0.922 mi.

4869 ft. Site 3 of 3 in cluster J

RCRA-NonGen:

Relative:

Higher Date form received by agency: 11/01/2007

Facility name: BP AMOCO
Actual: Facility address: 1207 N EOLA RD
718 ft. AURORA, IL 60504

EPA ID: ILR000131300
Mailing address: PO BOX 6038

ARTESIA, 907026038

Contact: DAVID PORTER
Contact address: Not reported

Not reported

Contact country: Not reported
Contact telephone: (219) 838-5138
Contact email: Not reported

EPA Region: 05

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): No Recycler of hazardous waste: No Transporter of hazardous waste: No Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: No Furnace exemption: No Used oil fuel burner: No Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: No Used oil transporter: No

Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 09/02/2004 Facility name: BP AMOCO

Classification: Small Quantity Generator

Violation Status: No violations found

WI MANIFEST:

Year: 05

EPA ID: ILR000131300

FID: 0
ACT Code: 202
ACT Status: A
ACT Code 1: 202

ACT Name: HW Generator - Small

Contact First Name: Not reported Contact Last Name: Not reported

Direction Distance Elevation

ion Site Database(s) EPA ID Number

BP AMOCO (Continued)

1007570025

EDR ID Number

Contact Title: Not reported
Contact Address: Not reported
Contact State: Not reported
Contact City: Not reported

Contact Zip: 0 Contact Telephone: 0

Contact Extention: Not reported Contact Email Address: Not reported

WI MANIFEST SHIP:

Manifest DOC ID: Not reported Not reported Copy Type: Gen EPA ID: Not reported Gen Date: Not reported TSD Date: Not reported TSD EPA ID: Not reported GEN Copy Revd Date: Not reported Not reported TSG Copy Revd Date: Manifest DOC ID: Not reported Waste Page No: Not reported Waste Line No: Not reported Waste Code: Not reported Waste Amount: Not reported Not reported Unit of Measure: Waste LBS: Not reported

WI MANIFEST TRANS: -

Mifest DOC ID: Not reported TRAN EPA ID: Not reported TRAN ORDER NO: Not reported TRAN Date: Not reported

Manifest DOC ID:
Waste Page No:
Waste Line No:
Waste Code:
Waste Amount:
Unit of Measure:
Waste LBS:
Not reported
Not reported
Not reported
Not reported
Not reported

Year: 06

EPA ID: ILR000131300

FID: 0
ACT Code: 202
ACT Status: A
ACT Code 1: 202

ACT Name: HW Generator - Small

Contact First Name: Not reported Contact Last Name: Not reported Not reported Contact Title: Not reported Contact Address: Contact State: Not reported Contact City: Not reported Contact Zip: Not reported Contact Telephone: Not reported Contact Extention: Not reported Contact Email Address: Not reported

Direction Distance Elevation

on Site Database(s) EPA ID Number

BP AMOCO (Continued)

1007570025

EDR ID Number

WI MANIFEST SHIP:

Manifest DOC ID: Not reported Copy Type: Not reported Gen EPA ID: Not reported Gen Date: Not reported TSD Date: Not reported Not reported TSD EPA ID: GEN Copy Revd Date: Not reported TSG Copy Revd Date: Not reported Manifest DOC ID: Not reported Waste Page No: Not reported Waste Line No: Not reported Waste Code: Not reported Waste Amount: Not reported Unit of Measure: Not reported Waste LBS: Not reported

WI MANIFEST TRANS: -

Mifest DOC ID: Not reported TRAN EPA ID: Not reported TRAN ORDER NO: Not reported TRAN Date: Not reported

Manifest DOC ID:
Waste Page No:
Waste Line No:
Waste Code:
Waste Amount:
Unit of Measure:
Waste LBS:
Not reported
Not reported
Not reported
Not reported
Not reported

Year: 07

EPA ID: ILR000131300

 FID:
 0

 ACT Code:
 202

 ACT Status:
 A

 ACT Code 1:
 202

ACT Name: HW Generator - Small

Contact First Name: Not reported
Contact Last Name: Not reported
Contact Title: Not reported
Contact Address: Not reported
Contact State: Not reported
Contact City: Not reported

Contact Zip: 0
Contact Telephone: 0

Contact Extention: Not reported Contact Email Address: Not reported

WI MANIFEST SHIP:

Manifest DOC ID:
Copy Type:
Gen EPA ID:
Not reported
Gen Date:
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported
TSD Date:
Not reported
TSD EPA ID:
Not reported
Not reported
Not reported
Not reported
Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

BP AMOCO (Continued) 1007570025

TSG Copy Revd Date: Not reported Manifest DOC ID: Not reported Waste Page No: Not reported Waste Line No: Not reported Waste Code: Not reported Not reported Waste Amount: Unit of Measure: Not reported Waste LBS: Not reported

WI MANIFEST TRANS: -

Mifest DOC ID: Not reported TRAN EPA ID: Not reported TRAN ORDER NO: Not reported TRAN Date: Not reported

Manifest DOC ID: Not reported Not reported Waste Page No: Waste Line No: Not reported Waste Code: Not reported Waste Amount: Not reported Unit of Measure: Not reported Waste LBS: Not reported

U003559111 K73 **BP AMOCO #14166** UST 1207 NORTH EOLA ROAD N/A

ENE 1/2-1 AURORA, IL 60504

0.933 mi.

4924 ft. Site 1 of 2 in cluster K

UST: Relative:

Higher Facility ID: 2036446 Facility Status: Active

Actual: Facility Type: **Self-Service Station** 720 ft.

Owner Name: Shrigi, LLC U0034453 Owner Id:

Owner Address: 1185 Sandpiper Drive Owner City, St, Zip: Oconomowoc, WI 53066

Tank Number: Tank Capacity: 10000 Tank Substance: Gasoline Last Used Date: Not reported 1/11/1999 OSFM First Notify Date: **Tank Status:** Currently in use Red Tag Issue Date: Not reported 7/31/1998 Install Date: J000495 **Green Tag Decal:** 6/25/2008 **Green Tag Issue Date: Green Tag Expire Date:** 12/31/2010 Self Service Permit Inspection Date:8/14/2008 Self Service Permit Expire Date: 12/31/2010

Fee Due: No

2 Tank Number:

10000 Tank Capacity: Tank Substance: Gasoline

Direction Distance

Elevation Site Database(s) **EPA ID Number**

BP AMOCO #14166 (Continued)

U003559111

EDR ID Number

Last Used Date: Not reported 1/11/1999 OSFM First Notify Date: Tank Status: Currently in use Red Tag Issue Date: Not reported Install Date: 7/31/1998 J000495 **Green Tag Decal:** Green Tag Issue Date: 6/25/2008 **Green Tag Expire Date:** 12/31/2010 Self Service Permit Inspection Date:8/14/2008 **Self Service Permit Expire Date:** 12/31/2010

Fee Due: No

Tank Number: 3 Tank Capacity: 10000 Tank Substance: Gasoline Not reported Last Used Date: 1/11/1999 **OSFM First Notify Date:** Tank Status: Currently in use Red Tag Issue Date: Not reported Install Date: 7/31/1998 **Green Tag Decal:** J000495 **Green Tag Issue Date:** 6/25/2008 **Green Tag Expire Date:** 12/31/2010 Self Service Permit Inspection Date:8/14/2008 **Self Service Permit Expire Date:** 12/31/2010

Fee Due: No

L74 **R M KAUFMAN** West **1601 E MOUNTAIN ST** 1/2-1 AURORA, IL 60507

0.935 mi.

Site 1 of 2 in cluster L 4934 ft. UST:

Relative:

Facility ID: 2022345 Higher Facility Status: Closed Actual: Facility Type: None 711 ft. Owner Name: Russ Togs U0018647 Owner Id: Owner Address: 27-11 49Th Ave

> Owner City, St, Zip: Long Island City, NY 11101

Tank Number: 1 8000 Tank Capacity: Tank Substance: Gasoline Not reported Last Used Date: 5/7/1986 OSFM First Notify Date: **Tank Status:** Removed Red Tag Issue Date: Not reported Install Date: Not reported **Green Tag Decal:** Not reported **Green Tag Issue Date:** Not reported **Green Tag Expire Date:** Not reported Self Service Permit Inspection Date:Not reported **Self Service Permit Expire Date:** Not reported Fee Due: Not reported

UST

U000867501

N/A

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

R M KAUFMAN (Continued) U000867501

Tank Number: 2 8000 Tank Capacity: Tank Substance: Diesel Fuel Last Used Date: Not reported **OSFM First Notify Date:** 5/7/1986 **Tank Status:** Removed Red Tag Issue Date: Not reported Install Date: Not reported **Green Tag Decal:** Not reported **Green Tag Issue Date:** Not reported **Green Tag Expire Date:** Not reported Self Service Permit Inspection Date:Not reported Not reported **Self Service Permit Expire Date:** Fee Due: Not reported

K75 **DRYCLEANERS** S106541554 STONEBRIDGE CLEANERS

ENE 1242 NORTH EOLA ROAD N/A

AURORA, IL 60504

1/2-1 0.939 mi.

4960 ft. Site 2 of 2 in cluster K

IL Drycleaners: Relative:

Facility Id: 3057-5842-01 Higher

Facility Contact: SANG LEE

Actual: License Expires: 12/31/10 721 ft.

971279

M76 LUST S104521414 CASSENS TRANSPORT CO. N/A

ESE 3401 LIBERTY RD. 1/2-1 AURORA, IL 60505

0.972 mi.

5134 ft. Site 1 of 5 in cluster M

LUST: Relative: Incident Num: Higher

IL EPA Id: 0434075070 Actual: Product: Other Petro 720 ft. IEMA Date: 7/17/1997 Project Manager: Putrich

Project Manager Phone: (217) 524-4827

Email: Steve.Putrich@illinois.gov PRP Name: Cassens Transport Co. PRP Contact: Eugene Drzewiecki PRP Address: 145 North Kansas PRP City,St,Zip: Edwardsville, IL 62025

PRP Phone: Not reported Site Classification: Not reported Section 57.5(g) Letter: 732

Non LUST Determination Letter: Not reported 20 Report Received: 8/5/1997 9/17/1997 45 Report Received: Section 57.5(g) Letter: Not reported NFA/NFR Letter: 8/4/1998 NFR Date Recorded: 2/11/1999

Direction Distance

Elevation Site Database(s) **EPA ID Number**

M77 CASSENS TRANSPORT CO. LUST S104521668 N/A

ESE 3401 LIBERTY AVE. AURORA, IL 60505 1/2-1

0.972 mi.

5134 ft. Site 2 of 5 in cluster M

LUST: Relative:

Higher Incident Num:

970137 IL EPA Id: 0434075070 Actual: Product: Deisel 720 ft. IEMA Date: 1/23/1997 Project Manager: Putrich Project Manager Phone: (217) 524-4827

> Email: Steve.Putrich@illinois.gov PRP Name: Cassens Transport Co.

PRP Contact: Brian Suhre PRP Address: P.O. Box 468

PRP City,St,Zip: Edwardsville, IL 62025

PRP Phone: Not reported Site Classification: Not reported

Section 57.5(g) Letter: 732

Non LUST Determination Letter: Not reported 20 Report Received: 2/14/1997 45 Report Received: 9/17/1997 Section 57.5(g) Letter: Not reported NFA/NFR Letter: 8/6/1999 NFR Date Recorded: 8/23/1999

UST U002113062 **CASSENS TRANSPORT COMPANY** M78

ESE 3401 LIBERTY ROAD AURORA, IL 60504 1/2-1

0.972 mi.

5134 ft. Site 3 of 5 in cluster M

UST: Relative:

Facility ID: 2005995 Higher Facility Status: Active

Actual: Commercial / Retail Facility Type: 720 ft.

Owner Name: Cassens Transport Company

Owner Id: U0002573

145 Kansas Street PO Box 468 Owner Address: Owner City, St, Zip: Edwardsville, IL 62025

2

Tank Number: Tank Capacity: 20000 Tank Substance: Diesel Fuel 7/15/1997 Last Used Date: **OSFM First Notify Date:** 3/26/1986 **Tank Status:** Removed Red Tag Issue Date: Not reported Install Date: 1/1/1982 **Green Tag Decal:** K000549 **Green Tag Issue Date:** 6/25/2009 **Green Tag Expire Date:** 12/31/2011 Self Service Permit Inspection Date:Not reported

Self Service Permit Expire Date: Not reported Fee Due: No

Tank Number:

N/A

EDR ID Number

Direction Distance

Elevation Site Database(s) EPA ID Number

CASSENS TRANSPORT COMPANY (Continued)

U002113062

EDR ID Number

Tank Capacity: 4000 Tank Substance: New Oil 7/15/1997 Last Used Date: **OSFM First Notify Date:** 3/26/1986 Tank Status: Removed Red Tag Issue Date: Not reported Install Date: 1/1/1982 K000549 **Green Tag Decal:** Green Tag Issue Date: 6/25/2009 **Green Tag Expire Date:** 12/31/2011 Self Service Permit Inspection Date:Not reported **Self Service Permit Expire Date:** Not reported

Fee Due: No

Tank Number: 3 1000 Tank Capacity: Tank Substance: Used Oil Last Used Date: 7/15/1997 OSFM First Notify Date: 3/26/1986 Tank Status: Removed Red Tag Issue Date: Not reported Install Date: 1/1/1982 **Green Tag Decal:** K000549 **Green Tag Issue Date:** 6/25/2009 **Green Tag Expire Date:** 12/31/2011 Self Service Permit Inspection Date:Not reported **Self Service Permit Expire Date:** Not reported

Fee Due:

Tank Number: 4 Tank Capacity: 3000 Tank Substance: Used Oil Last Used Date: Not reported 9/10/1997 OSFM First Notify Date: Currently in use **Tank Status:** Red Tag Issue Date: Not reported 7/24/1997 Install Date: **Green Tag Decal:** K000549 **Green Tag Issue Date:** 6/25/2009 **Green Tag Expire Date:** 12/31/2011 Self Service Permit Inspection Date:Not reported **Self Service Permit Expire Date:** Not reported

No

Fee Due: No

Tank Number: Tank Capacity: 3000 New Oil Tank Substance: Last Used Date: Not reported **OSFM First Notify Date:** 9/10/1997 **Tank Status:** Currently in use Red Tag Issue Date: Not reported Install Date: 7/24/1997 Green Tag Decal: K000549 **Green Tag Issue Date:** 6/25/2009

Map ID MAP FINDINGS Direction

Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

CASSENS TRANSPORT COMPANY (Continued)

U002113062

Green Tag Expire Date: 12/31/2011 Self Service Permit Inspection Date:Not reported **Self Service Permit Expire Date:** Not reported

Fee Due: No

Tank Number: 6 Tank Capacity: 20000 Tank Substance: Diesel Fuel Last Used Date: Not reported **OSFM First Notify Date:** 9/10/1997 **Tank Status:** Currently in use Red Tag Issue Date: Not reported Install Date: 7/24/1997 **Green Tag Decal:** K000549 **Green Tag Issue Date:** 6/25/2009 12/31/2011 **Green Tag Expire Date:** Self Service Permit Inspection Date:Not reported **Self Service Permit Expire Date:** Not reported Fee Due: No

M79 **CASSENS TRANSPORT COMPANY** TIER 2 S110151445 N/A

1/2-1

3401 LIBERTY ST AURORA, IL 60504

0.973 mi. 5137 ft.

ESE

Site 4 of 5 in cluster M

Relative:

TIER 2: Corporate Name: Higher

Actual: 720 ft.

Cassens Transport Company Latitude: 41.767090000000003 Longitude: -88.250799999999899 Chemical Name: FUEL OIL, [NO. 2] CAS Number: 68476302

Max Daily Range: 100,000 - 999,999

Year: 2008

Corporate Name: Cassens Transport Company Latitude: 41.767090000000003 -88.250799999999899 Longitude: OIL (HYDRAULIC) Chemical Name: CAS Number: 64742547

Max Daily Range: 1,000 - 9,999

2008 Year:

Corporate Name: Cassens Transport Company Latitude: 41.767090000000003 -88.250799999999899 Longitude:

Chemical Name: OIL, [MOTOR] CAS Number: 64741884 Max Daily Range: 10,000 - 99,999

Year: 2008

Corporate Name: Cassens Transport Company Latitude: 41.767090000000003 Longitude: -88.250799999999899 Chemical Name: OIL (HYDRAULIC) 64742547 CAS Number: 1,000 - 9,999 Max Daily Range:

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

CASSENS TRANSPORT COMPANY (Continued)

S110151445

Year: 2009

Corporate Name: Cassens Transport Company Latitude: 41.767090000000003 Longitude: -88.250799999999899 Chemical Name: FUEL OIL, [NO. 2]

CAS Number: 68476302

Max Daily Range: 100,000 - 999,999

Year: 2009

Corporate Name: Cassens Transport Company 41.767090000000003 Latitude: Longitude: -88.250799999999899

Chemical Name: OIL, [MOTOR] CAS Number: 64741884 Max Daily Range: 10,000 - 99,999

2009 Year:

M80 **CASSENS TRANSPORT CO FINDS** 1008119670 N/A

3401 LIBERTY ST **ESE** AURORA, IL 60504 1/2-1

0.973 mi.

5137 ft. Site 5 of 5 in cluster M

FINDS: Relative:

Higher

Registry ID: 110018162913

Actual: 720 ft.

Environmental Interest/Information System

ACES (Illinois - Agency Compliance And Enforcement System) is the

Illinois EPA Project to facilitate the permitting operations

L81 PREMIER ELECTRICAL CONST CO UST U000176888

West **1630 E MOUNTAIN ST** 1/2-1 AURORA, IL 60505

0.975 mi.

710 ft.

5146 ft. Site 2 of 2 in cluster L

UST: Relative:

Facility ID: 2010882 Higher Facility Status: Closed Actual: Facility Type: None

Owner Name: Premier Electrical Const Co

> Owner Id: U0012139

Owner Address: 1630 E Mountain St Owner City, St, Zip: Aurora, IL 60505

Tank Number: 1000 Tank Capacity: Tank Substance: Gasoline Last Used Date: Not reported **OSFM First Notify Date:** 5/8/1986 Tank Status: Removed Red Tag Issue Date: Not reported Install Date: Not reported N/A

Direction Distance

Elevation Site Database(s) EPA ID Number

PREMIER ELECTRICAL CONST CO (Continued)

U000176888

1000611991

ILD984822080

RCRA-CESQG

FINDS

UST

EDR ID Number

Green Tag Decal:

Green Tag Issue Date:

Green Tag Expire Date:

Self Service Permit Inspection Date:Not reported

Self Service Permit Expire Date:

Not reported

Not reported

Not reported

Not reported

Tank Number: 2 Tank Capacity: 2000 Gasoline Tank Substance: Not reported Last Used Date: **OSFM First Notify Date:** 5/8/1986 **Tank Status:** Removed Red Tag Issue Date: Not reported Install Date: Not reported Not reported **Green Tag Decal:** Green Tag Issue Date: Not reported **Green Tag Expire Date:** Not reported Self Service Permit Inspection Date:Not reported **Self Service Permit Expire Date:** Not reported Fee Due: Not reported

82 STONEBRIDGE COUNTRY CLUB
North 2705 STONEBRIDGE BLVD
> 1 AURORA, IL 60504

1.017 mi. 5368 ft.

Relative: RCRA-CESQG:

Higher Date form received by agency: 11/01/2007

Facility name: STONEBRIDGE COUNTRY CLUB
Actual: Facility address: 2705 STONEBRIDGE BLVD
738 ft. AURORA II 60504

AURORA, IL 60504 ID: ILD984822080

EPA ID: ILD984822080
Contact: ENV COORDINATOR

Contact address: Not reported Not reported

Contact country: Not reported
Contact telephone: (217) 785-2361
Contact email: Not reported

EPA Region: 05

Classification: Conditionally Exempt Small Quantity Generator

Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time;

month, and accumulates 1000 kg or less of hazardous waste at any timor generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from

the cleanup of a spill, into or on any land or water, of acutely

hazardous waste

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

STONEBRIDGE COUNTRY CLUB (Continued)

1000611991

Owner/Operator Summary:

STONEBRIDGE CTY CLUB Owner/operator name:

Owner/operator address: Not reported

Not reported

Owner/operator country: Not reported Owner/operator telephone: Not reported Legal status: Private Owner/Operator Type: Owner Owner/Op start date: Not reported Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): No Recycler of hazardous waste: No Transporter of hazardous waste: No Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: No Furnace exemption: No Used oil fuel burner: No Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: Nο Used oil transporter: No

Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 04/25/1991

STONEBRIDGE COUNTRY CLUB Facility name:

Classification: Large Quantity Generator

Hazardous Waste Summary:

Waste code: D001

IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF Waste name:

LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET. WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT

WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D008 Waste name: **LEAD**

Violation Status: No violations found

FINDS:

Registry ID: 110005888502

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

STONEBRIDGE COUNTRY CLUB (Continued)

1000611991

events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

UST:

Facility ID: 2028053 Facility Status: Closed Facility Type: **Private Institution** Owner Name:

Stonebridge Country Club Owner Id: U0017887

Owner Address: 2705 Stonebridge Blvd

Owner City, St, Zip: Aurora, IL 60504

Tank Number: 1000 Tank Capacity: Tank Substance: Gasoline Last Used Date: 12/22/1998 **OSFM First Notify Date:** 2/25/1991 Tank Status: Removed Red Tag Issue Date: Not reported Install Date: Not reported **Green Tag Decal:** Not reported 12/9/1998 **Green Tag Issue Date: Green Tag Expire Date:** 12/31/2001 Self Service Permit Inspection Date:Not reported **Self Service Permit Expire Date:** Not reported

Fee Due: No

Tank Number: 2 Tank Capacity: 1000 Diesel Fuel Tank Substance: 12/22/1998 Last Used Date: OSFM First Notify Date: 2/25/1991 **Tank Status:** Removed Red Tag Issue Date: Not reported Install Date: Not reported **Green Tag Decal:** Not reported Green Tag Issue Date: 12/9/1998 **Green Tag Expire Date:** 12/31/2001 Self Service Permit Inspection Date:Not reported Self Service Permit Expire Date: Not reported

Fee Due: No

LUST S104526025 N83 **RUSS TOGS INC.** 1601 EAST MOUNTAIN ST. West N/A

AURORA, IL 60507 > 1

1.035 mi.

5465 ft. Site 1 of 2 in cluster N

LUST: Relative:

Incident Num: 911228 Lower

IL EPA Id: 0894075795 Actual: Product: Gasoline 708 ft. IEMA Date: 5/9/1991

Direction Distance

Distance EDR ID Number
Elevation Site EPA ID Number

RUSS TOGS INC. (Continued)

S104526025

1000611918

ILD984821322

RCRA-CESQG

FINDS

Project Manager: NOT ASSIGNED
Project Manager Phone: Not reported
Email: Not reported

PRP Name: MORTIMER ZIMMERMAN

PRP Contact: Not reported
PRP Address: 27011 49th Ave.
PRP City,St,Zip: Long Island, NY 11101

PRP Phone: Not reported
Site Classification: Not reported
Section 57.5(g) Letter: 731

Non LUST Determination Letter: Not reported
20 Report Received: Not reported
45 Report Received: Not reported
Section 57.5(g) Letter: Not reported
NFA/NFR Letter: Not reported
NFR Date Recorded: Not reported

N84 SERVICE MFG CORP
West 1601 E MOUNTAIN ST
> 1 AURORA, IL 60504

1.035 mi.

Actual:

708 ft.

5465 ft. Site 2 of 2 in cluster N

Relative: RCRA-CESQG:

Lower Date form received by agency: 04/17/1991

Facility name: SERVICE MFG CORP Facility address: SERVICE MFG CORP 1601 E MOUNTAIN ST

AURORA, IL 60505 EPA ID: ILD984821322

Contact: SID LEVIN

Contact address: 1601 E MOUNTAIN ST

AURORA, IL 60505

Contact country: US

Contact telephone: (708) 898-6800
Contact email: Not reported
EPA Region: 05

Land type: Private

Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous w

Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from

the cleanup of a spill, into or on any land or water, of acutely

hazardous waste

Owner/Operator Summary:

Owner/operator name: LEVIN LOUIS

Owner/operator address: 1601 E MOUNTAIN ST

AURORA, IL 60505

Direction Distance

Elevation Site Database(s) EPA ID Number

SERVICE MFG CORP (Continued)

1000611918

EDR ID Number

Owner/operator country: Not reported
Owner/operator telephone: (708) 898-6800
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): Unknown Recycler of hazardous waste: No Transporter of hazardous waste: Nο Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: No Furnace exemption: No Used oil fuel burner: No Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: Nο Used oil transfer facility: No Used oil transporter:

Off-site waste receiver: Verified to be non-commercial

Hazardous Waste Summary:

Waste code: D000
Waste name: Not Defined

Waste code: D001

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF

LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT

WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 01/08/1998

Evaluation: COMPLIANCE ASSISTANCE VISIT

Area of violation:

Date achieved compliance:

Evaluation lead agency:

Not reported

State

FINDS:

Registry ID: 110006404649

Environmental Interest/Information System

ACES (Illinois - Agency Compliance And Enforcement System) is the

Illinois EPA Project to facilitate the permitting operations

RCRAInfo is a national information system that supports the Resource

Direction Distance

Elevation Site Database(s) **EPA ID Number**

SERVICE MFG CORP (Continued)

1000611918

S106540578

N/A

EDR ID Number

Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

85 **AMERICAN STAR CLEANERS**

DRYCLEANERS ΝE 3150 NORTH AURORA ROAD

AURORA, IL 60504 > 1

1.100 mi. 5806 ft.

IL Drycleaners: Relative:

Higher Facility Id: 3368-4294-01 Facility Contact: SON

Actual: License Expires: 12/31/10

730 ft.

86 **BEST BLAST CORP RCRA-NonGen** 1007092684 ILD035755719

WSW 1500 DEARBORN ST AURORA, IL 60505

1.141 mi. 6023 ft.

RCRA-NonGen: Relative:

Date form received by agency: 05/22/2003 Lower

BEST BLAST CORP Facility name: Actual: 1500 DEARBORN ST Facility address: 701 ft.

AURORA, IL 60505 EPA ID: ILD035755719 Contact: CLIVE PECOVER

Contact address: 1500 DEARBORN ST AURORA, IL 60505

Contact country: US

Contact telephone: (312) 851-5670 Contact email: Not reported EPA Region: 05

Private Land type: Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

J B INDUSTRIES Owner/operator name: Owner/operator address: 601 N FARNSWORTH AURORA, IL 60505

Not reported

Owner/operator country: Owner/operator telephone: (630) 851-9444

Legal status: Private Owner/Operator Type: Owner Owner/Op start date: 05/22/2003 Owner/Op end date: Not reported

Owner/operator name: NAME NOT REPORTED Owner/operator address: ADDRESS NOT REPORTED CITY NOT REPORTED, AK 99998

Owner/operator country: Not reported Map ID MAP FINDINGS
Direction

Distance

Elevation Site Database(s) EPA ID Number

BEST BLAST CORP (Continued)

1007092684

EDR ID Number

Owner/operator telephone: (312) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/0001
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): No Recycler of hazardous waste: No Transporter of hazardous waste: No Treater, storer or disposer of HW: Nο Underground injection activity: No On-site burner exemption: No Furnace exemption: No No Used oil fuel burner: Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: No Used oil transporter: No

Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 11/07/1988

Facility name: BEST BLAST CORP

Classification: Conditionally Exempt Small Quantity Generator

Facility Has Received Notices of Violations:

Regulation violated: SR - 725.153

Area of violation: TSD - Contingency Plan and Emergency Procedures

08/25/1994 Date violation determined: Date achieved compliance: 04/09/1997 Violation lead agency: State Enforcement action: Not reported Enforcement action date: Not reported Enf. disposition status: Not reported Not reported Enf. disp. status date: Enforcement lead agency: Not reported Proposed penalty amount: Not reported Final penalty amount: Not reported Paid penalty amount: Not reported

Regulation violated: SR - 725.271

Area of violation: TSD - Container Use and Management

Date violation determined: 05/06/1994
Date achieved compliance: 04/09/1997
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 06/23/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

BEST BLAST CORP (Continued)

1007092684

EDR ID Number

Paid penalty amount: Not reported

Regulation violated: SR - 725.117(a)

Area of violation: TSD - General Facility Standards

Date violation determined: 05/06/1994
Date achieved compliance: 04/09/1997
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 06/23/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Paid penalty amount: Not reported
Not reported
Not reported

Regulation violated: SR - 725.117(a)

Area of violation: TSD - General Facility Standards

Date violation determined: 05/06/1994
Date achieved compliance: 04/09/1997
Violation lead agency: State

Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR IMMINENT AND SUBSTANTIAL ENDANGERMENT

Enforcement action date: 06/06/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 23000
Paid penalty amount: 3234

Regulation violated: SR - 722.112(c)
Area of violation: Generators - General

Date violation determined: 07/13/1993
Date achieved compliance: 04/09/1997
Violation lead agency: State

Enforcement action: REFERRAL TO ATTORNEY GENERAL

Enforcement action date: 10/29/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 5000
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 722.120(a)
Area of violation: Generators - General

Date violation determined: 07/13/1993
Date achieved compliance: 04/09/1997
Violation lead agency: State

Enforcement action: REFERRAL TO ATTORNEY GENERAL

Enforcement action date: 10/29/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 5000
Final penalty amount: Not reported
Paid penalty amount: Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

BEST BLAST CORP (Continued)

1007092684

Regulation violated: SR - 722.111 Generators - General Area of violation:

04/29/1992 Date violation determined: 04/08/2002 Date achieved compliance: Violation lead agency: State

REFERRAL TO ATTORNEY GENERAL Enforcement action:

Enforcement action date: 10/29/1993 Enf. disposition status: Not reported Enf. disp. status date: Not reported Enforcement lead agency: State 5000 Proposed penalty amount: Final penalty amount: Not reported Paid penalty amount: Not reported

Regulation violated: SR - 722.111 Area of violation: Generators - General

04/29/1992 Date violation determined: Date achieved compliance: 04/08/2002 Violation lead agency: State

FINAL CIVIL JUDICIAL ACTION FOR IMMINENT AND SUBSTANTIAL ENDANGERMENT Enforcement action:

Enforcement action date: 06/06/1996 Enf. disposition status: Not reported Not reported Enf. disp. status date: Enforcement lead agency: State Proposed penalty amount: Not reported 23000 Final penalty amount: Paid penalty amount: 3234

Regulation violated: SR - 722.134(c)

Area of violation: Generators - Pre-transport

04/29/1992 Date violation determined: Date achieved compliance: 04/21/1999 Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 07/10/1992 Enf. disposition status: Not reported Enf. disp. status date: Not reported Enforcement lead agency: State Proposed penalty amount: Not reported Final penalty amount: Not reported Not reported Paid penalty amount:

Regulation violated: SR - 722.134(c)

Area of violation: Generators - Pre-transport

Date violation determined: 04/29/1992 Date achieved compliance: 04/21/1999 Violation lead agency: State

Enforcement action: REFERRAL TO ATTORNEY GENERAL

Enforcement action date: 10/29/1993 Enf. disposition status: Not reported Enf. disp. status date: Not reported Enforcement lead agency: State Proposed penalty amount: 5000 Final penalty amount: Not reported Paid penalty amount: Not reported

Regulation violated: SR - 722.111 Map ID MAP FINDINGS
Direction

Distance

Elevation Site Database(s) EPA ID Number

BEST BLAST CORP (Continued)

1007092684

EDR ID Number

Area of violation: Generators - General

Date violation determined: 04/29/1992
Date achieved compliance: 04/08/2002
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 07/10/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 725.273(b)

Area of violation: TSD - Container Use and Management

Date violation determined: 02/04/1992
Date achieved compliance: 09/08/1993
Violation lead agency: State

Enforcement action: REFERRAL TO ATTORNEY GENERAL

Enforcement action date: 10/29/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 5000
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 725.274

Area of violation: TSD - Container Use and Management

Date violation determined: 02/04/1992
Date achieved compliance: 04/09/1997
Violation lead agency: State

Enforcement action: REFERRAL TO ATTORNEY GENERAL

Enforcement action date: 10/29/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 5000
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 703.121(a)

Area of violation: TSD - General Facility Standards

Date violation determined: 02/04/1992
Date achieved compliance: 04/09/2004
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 03/30/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 725.114(a)/(b)

Area of violation: TSD - General Facility Standards

Direction Distance

Elevation Site Database(s) EPA ID Number

BEST BLAST CORP (Continued)

1007092684

EDR ID Number

Date violation determined: 02/04/1992
Date achieved compliance: 04/09/1997
Violation lead agency: State

Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR IMMINENT AND SUBSTANTIAL ENDANGERMENT

Enforcement action date: 06/06/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 23000
Paid penalty amount: 3234

Regulation violated: SR - 725.114(c)

Area of violation: TSD - General Facility Standards

Date violation determined: 02/04/1992
Date achieved compliance: 04/09/1997
Violation lead agency: State

Enforcement action: REFERRAL TO ATTORNEY GENERAL

Enforcement action date: 05/18/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State

Proposed penalty amount: Not reported Final penalty amount: Not reported Paid penalty amount: Not reported

Regulation violated: SR - 725.116(a)

Area of violation: TSD - General Facility Standards

Date violation determined: 02/04/1992
Date achieved compliance: 04/09/1997
Violation lead agency: State

Enforcement action: REFERRAL TO ATTORNEY GENERAL

Enforcement action date: 05/18/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 725.131

Area of violation: TSD - Preparedness and Prevention

Date violation determined: 02/04/1992
Date achieved compliance: 04/21/1999
Violation lead agency: State

Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR IMMINENT AND SUBSTANTIAL ENDANGERMENT

Enforcement action date: 06/06/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 23000
Paid penalty amount: 3234

Regulation violated: SR - 725.116(a)

Area of violation: TSD - General Facility Standards

Date violation determined: 02/04/1992

Direction
Distance

Elevation Site Database(s) EPA ID Number

BEST BLAST CORP (Continued)

1007092684

EDR ID Number

Date achieved compliance: 04/09/1997 Violation lead agency: State

Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR IMMINENT AND SUBSTANTIAL ENDANGERMENT

Enforcement action date: 06/06/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 23000
Paid penalty amount: 3234

Regulation violated: SR - 725.175

Area of violation: TSD - General Facility Standards

Date violation determined: 02/04/1992
Date achieved compliance: 04/09/1997
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 03/30/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State

Proposed penalty amount: Not reported Final penalty amount: Not reported Paid penalty amount: Not reported

Regulation violated: SR - 728.150(a)(1)
Area of violation: LDR - General
Date violation determined: 02/04/1992
Date achieved compliance: 04/09/1997
Violation lead agency: State

Enforcement action: REFERRAL TO ATTORNEY GENERAL

Enforcement action date: 10/29/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 5000
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 725.114(a)/(b)

Area of violation: TSD - General Facility Standards

Date violation determined: 02/04/1992
Date achieved compliance: 04/09/1997
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 03/30/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 725.114(c)

Area of violation: TSD - General Facility Standards

Date violation determined: 02/04/1992 Date achieved compliance: 04/09/1997

Direction Distance

Elevation Site Database(s) EPA ID Number

BEST BLAST CORP (Continued)

1007092684

EDR ID Number

Violation lead agency: State

Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR IMMINENT AND SUBSTANTIAL ENDANGERMENT

Enforcement action date: 06/06/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 23000
Paid penalty amount: 3234

Regulation violated: SR - 722.134(d)

Area of violation: Generators - Pre-transport

Date violation determined: 02/04/1992
Date achieved compliance: 04/21/1999
Violation lead agency: State

Enforcement action: REFERRAL TO ATTORNEY GENERAL

Enforcement action date: 05/18/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State

Proposed penalty amount: Not reported Final penalty amount: Not reported Paid penalty amount: Not reported Not reported

Regulation violated: SR - 725.175

Area of violation: TSD - General Facility Standards

Date violation determined: 02/04/1992
Date achieved compliance: 04/09/1997
Violation lead agency: State

Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR IMMINENT AND SUBSTANTIAL ENDANGERMENT

Enforcement action date: 06/06/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 23000
Paid penalty amount: 3234

Regulation violated: SR - 725.113(a)

Area of violation: TSD - General Facility Standards

Date violation determined: 02/04/1992
Date achieved compliance: 04/01/1992
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 03/30/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 725.113(a)

Area of violation: TSD - General Facility Standards

Date violation determined: 02/04/1992
Date achieved compliance: 04/01/1992
Violation lead agency: State

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

BEST BLAST CORP (Continued)

1007092684

Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR IMMINENT AND SUBSTANTIAL ENDANGERMENT

Enforcement action date: 06/06/1996 Not reported Enf. disposition status: Not reported Enf. disp. status date: Enforcement lead agency: State Proposed penalty amount: Not reported Final penalty amount: 23000 Paid penalty amount: 3234

Regulation violated: SR - 725.114(a)/(b)

TSD - General Facility Standards Area of violation:

Date violation determined: 02/04/1992 Date achieved compliance: 04/09/1997 Violation lead agency: State

Enforcement action: REFERRAL TO ATTORNEY GENERAL

Not reported

Enforcement action date: 05/18/1994 Enf. disposition status: Not reported Enf. disp. status date: Not reported Enforcement lead agency: State Proposed penalty amount: Not reported Not reported Final penalty amount:

Regulation violated: SR - 725.115(a)

TSD - General Facility Standards Area of violation:

Date violation determined: 02/04/1992 Date achieved compliance: 04/09/1997 Violation lead agency: State

Paid penalty amount:

FINAL CIVIL JUDICIAL ACTION FOR IMMINENT AND SUBSTANTIAL ENDANGERMENT Enforcement action:

06/06/1996 Enforcement action date: Enf. disposition status: Not reported Enf. disp. status date: Not reported Enforcement lead agency: State Proposed penalty amount: Not reported Final penalty amount: 23000 Paid penalty amount: 3234

Regulation violated: SR - 725.116(a)

Area of violation: TSD - General Facility Standards

Date violation determined: 02/04/1992 04/09/1997 Date achieved compliance: Violation lead agency: State

WRITTEN INFORMAL Enforcement action:

Enforcement action date: 03/30/1992 Enf. disposition status: Not reported Enf. disp. status date: Not reported Enforcement lead agency: State

Proposed penalty amount: Not reported Final penalty amount: Not reported Paid penalty amount: Not reported

Regulation violated: SR - 725.151(a)

TSD - Contingency Plan and Emergency Procedures Area of violation:

Date violation determined: 02/04/1992 Date achieved compliance: 04/09/1997 Violation lead agency: State

Enforcement action: REFERRAL TO ATTORNEY GENERAL

Direction Distance

Elevation Site Database(s) EPA ID Number

BEST BLAST CORP (Continued)

1007092684

EDR ID Number

Enforcement action date: 05/18/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 725.151(a)

Area of violation: TSD - Contingency Plan and Emergency Procedures

Date violation determined: 02/04/1992
Date achieved compliance: 04/09/1997
Violation lead agency: State

Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR IMMINENT AND SUBSTANTIAL ENDANGERMENT

Enforcement action date: 06/06/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 23000
Paid penalty amount: 3234

Regulation violated: SR - 725.155

Area of violation: TSD - Contingency Plan and Emergency Procedures

Date violation determined: 02/04/1992
Date achieved compliance: 04/09/1997
Violation lead agency: State

Enforcement action: REFERRAL TO ATTORNEY GENERAL

Enforcement action date: 10/29/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 5000
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 725.155

Area of violation: TSD - Contingency Plan and Emergency Procedures

Date violation determined: 02/04/1992
Date achieved compliance: 04/09/1997
Violation lead agency: State

Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR IMMINENT AND SUBSTANTIAL ENDANGERMENT

Enforcement action date: 06/06/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 23000
Paid penalty amount: 3234

Regulation violated: SR - 725.212(a)

Area of violation: TSD - Closure/Post-Closure

Date violation determined: 02/04/1992
Date achieved compliance: 04/09/2004
Violation lead agency: State

Enforcement action: REFERRAL TO ATTORNEY GENERAL

Enforcement action date: 10/29/1993

Direction Distance

EDR ID Number Elevation Site **EPA ID Number** Database(s)

BEST BLAST CORP (Continued)

1007092684

Enf. disposition status: Not reported Enf. disp. status date: Not reported Enforcement lead agency: State 5000 Proposed penalty amount: Final penalty amount: Not reported Paid penalty amount: Not reported

Regulation violated: SR - 725.273(b)

Area of violation: TSD - Container Use and Management

Date violation determined: 02/04/1992 Date achieved compliance: 09/08/1993 Violation lead agency: State

WRITTEN INFORMAL Enforcement action:

Enforcement action date: 03/30/1992 Enf. disposition status: Not reported Enf. disp. status date: Not reported Enforcement lead agency: State Proposed penalty amount: Not reported Final penalty amount: Not reported Paid penalty amount: Not reported

Regulation violated: SR - 728.107(a) Area of violation: LDR - General Date violation determined: 02/04/1992 Date achieved compliance: 04/21/1999

Violation lead agency: State

Enforcement action: REFERRAL TO ATTORNEY GENERAL

Enforcement action date: 10/29/1993 Enf. disposition status: Not reported Enf. disp. status date: Not reported Enforcement lead agency: State Proposed penalty amount: 5000 Final penalty amount: Not reported Paid penalty amount: Not reported

SR - 728.107(a) Regulation violated: LDR - General Area of violation: Date violation determined: 02/04/1992 Date achieved compliance: 04/21/1999 Violation lead agency: State

FINAL CIVIL JUDICIAL ACTION FOR IMMINENT AND SUBSTANTIAL ENDANGERMENT Enforcement action:

06/06/1996 Enforcement action date: Enf. disposition status: Not reported Not reported Enf. disp. status date: Enforcement lead agency: State Proposed penalty amount: Not reported Final penalty amount: 23000 Paid penalty amount: 3234

SR - 728.150(a)(2) Regulation violated: Area of violation: LDR - General Date violation determined: 02/04/1992 Date achieved compliance: 04/09/1997 Violation lead agency: State

Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR IMMINENT AND SUBSTANTIAL ENDANGERMENT

06/06/1996 Enforcement action date: Enf. disposition status: Not reported

Direction Distance

Elevation Site **EPA ID Number** Database(s)

BEST BLAST CORP (Continued)

1007092684

EDR ID Number

Enf. disp. status date: Not reported Enforcement lead agency: State Proposed penalty amount: Not reported 23000 Final penalty amount: Paid penalty amount: 3234

Regulation violated: SR - 722.134(d)

Generators - Pre-transport Area of violation:

02/04/1992 Date violation determined: Date achieved compliance: 04/21/1999 Violation lead agency: State

FINAL CIVIL JUDICIAL ACTION FOR IMMINENT AND SUBSTANTIAL ENDANGERMENT Enforcement action:

Enforcement action date: 06/06/1996 Enf. disposition status: Not reported Enf. disp. status date: Not reported Enforcement lead agency: State Proposed penalty amount: Not reported Final penalty amount: 23000 Paid penalty amount: 3234

Regulation violated: SR - 725.113(a)

Area of violation: TSD - General Facility Standards

Date violation determined: 02/04/1992 Date achieved compliance: 04/01/1992 Violation lead agency: State

REFERRAL TO ATTORNEY GENERAL Enforcement action:

SR - 725.113(b)

Enforcement action date: 10/29/1993 Enf. disposition status: Not reported Enf. disp. status date: Not reported Enforcement lead agency: State Proposed penalty amount: 5000 Final penalty amount: Not reported Paid penalty amount: Not reported

TSD - General Facility Standards Area of violation:

02/04/1992 Date violation determined: Date achieved compliance: 04/09/1997 Violation lead agency: State

Regulation violated:

WRITTEN INFORMAL Enforcement action:

Enforcement action date: 03/30/1992 Enf. disposition status: Not reported Enf. disp. status date: Not reported Enforcement lead agency: State Proposed penalty amount: Not reported Final penalty amount: Not reported

Paid penalty amount: Not reported

Regulation violated: SR - 725.114(c)

Area of violation: TSD - General Facility Standards

Date violation determined: 02/04/1992 Date achieved compliance: 04/09/1997 Violation lead agency: State

Enforcement action: REFERRAL TO ATTORNEY GENERAL

Enforcement action date: 10/29/1993 Enf. disposition status: Not reported Enf. disp. status date: Not reported Map ID MAP FINDINGS
Direction

Distance

Elevation Site Database(s) EPA ID Number

BEST BLAST CORP (Continued)

1007092684

EDR ID Number

Enforcement lead agency: State
Proposed penalty amount: 5000
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 725.115(a)

Area of violation: TSD - General Facility Standards

Date violation determined: 02/04/1992
Date achieved compliance: 04/09/1997
Violation lead agency: State

Enforcement action: REFERRAL TO ATTORNEY GENERAL

Enforcement action date: 10/29/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 5000
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 722.134(d)

Area of violation: Generators - Pre-transport

Date violation determined: 02/04/1992
Date achieved compliance: 04/21/1999
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 03/30/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 725.155

Area of violation: TSD - Contingency Plan and Emergency Procedures

Date violation determined: 02/04/1992
Date achieved compliance: 04/09/1997
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 03/30/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 725.212(a)

Area of violation: TSD - Closure/Post-Closure

Date violation determined: 02/04/1992
Date achieved compliance: 04/09/2004
Violation lead agency: State

Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR IMMINENT AND SUBSTANTIAL ENDANGERMENT

Enforcement action date: 06/06/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State

Map ID MAP FINDINGS
Direction

Direction

Elevation Site Database(s) EPA ID Number

BEST BLAST CORP (Continued)

1007092684

EDR ID Number

Proposed penalty amount: Not reported Final penalty amount: 23000 Paid penalty amount: 3234

Regulation violated: SR - 725.273(a)

Area of violation: TSD - Container Use and Management

Date violation determined: 02/04/1992
Date achieved compliance: 09/08/1993
Violation lead agency: State

Enforcement action: REFERRAL TO ATTORNEY GENERAL

Enforcement action date: 10/29/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 5000
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 728.150(a)(1)
Area of violation: LDR - General
Date violation determined: 02/04/1992
Date achieved compliance: 04/09/1997

Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 03/30/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 725.113(a)

Area of violation: TSD - General Facility Standards

Date violation determined: 02/04/1992
Date achieved compliance: 04/01/1992
Violation lead agency: State

Enforcement action: REFERRAL TO ATTORNEY GENERAL

Enforcement action date: 05/18/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 725.113(b)

Area of violation: TSD - General Facility Standards

Date violation determined: 02/04/1992
Date achieved compliance: 04/09/1997
Violation lead agency: State

Enforcement action: REFERRAL TO ATTORNEY GENERAL

Enforcement action date: 05/18/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

BEST BLAST CORP (Continued)

1007092684

EDR ID Number

Final penalty amount: Not reported Paid penalty amount: Not reported

Regulation violated: SR - 725.151(a)

Area of violation: TSD - Contingency Plan and Emergency Procedures

Date violation determined: 02/04/1992
Date achieved compliance: 04/09/1997
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 03/30/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 725.173

Area of violation: TSD - General Facility Standards

Date violation determined: 02/04/1992
Date achieved compliance: 04/09/1997
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 03/30/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 725.212(a)

Area of violation: TSD - Closure/Post-Closure

Date violation determined: 02/04/1992
Date achieved compliance: 04/09/2004
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 03/30/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 725.274

Area of violation: TSD - Container Use and Management

Date violation determined: 02/04/1992
Date achieved compliance: 04/09/1997
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 03/30/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported

Direction Distance Elevation

ation Site Database(s) EPA ID Number

BEST BLAST CORP (Continued)

1007092684

EDR ID Number

Paid penalty amount: Not reported

Regulation violated: SR - 703.121(a)

Area of violation: TSD - General Facility Standards

Date violation determined: 02/04/1992
Date achieved compliance: 04/09/2004
Violation lead agency: State

Enforcement action: REFERRAL TO ATTORNEY GENERAL

Enforcement action date: 05/18/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 703.121(a)

Area of violation: TSD - General Facility Standards

Date violation determined: 02/04/1992
Date achieved compliance: 04/09/2004
Violation lead agency: State

Enforcement action: REFERRAL TO ATTORNEY GENERAL

Enforcement action date: 10/29/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 5000
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 728.150(a)(2)
Area of violation: LDR - General
Date violation determined: 02/04/1992
Date achieved compliance: 04/09/1997
Violation lead agency: State

Enforcement action: REFERRAL TO ATTORNEY GENERAL

Enforcement action date: 10/29/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 5000
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 725.115(a)

Area of violation: TSD - General Facility Standards

Date violation determined: 02/04/1992
Date achieved compliance: 04/09/1997
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 03/30/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

BEST BLAST CORP (Continued)

1007092684

EDR ID Number

Regulation violated: SR - 725.137

Area of violation: TSD - Preparedness and Prevention

Date violation determined: 02/04/1992
Date achieved compliance: 04/21/1999
Violation lead agency: State

Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR IMMINENT AND SUBSTANTIAL ENDANGERMENT

Enforcement action date: 06/06/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 23000
Paid penalty amount: 3234

Regulation violated: SR - 725.151(a)

Area of violation: TSD - Contingency Plan and Emergency Procedures

Date violation determined: 02/04/1992
Date achieved compliance: 04/09/1997
Violation lead agency: State

Enforcement action: REFERRAL TO ATTORNEY GENERAL

Enforcement action date: 10/29/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 5000
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 725.271

Area of violation: TSD - Container Use and Management

Date violation determined: 02/04/1992
Date achieved compliance: 09/08/1993
Violation lead agency: State

Enforcement action: REFERRAL TO ATTORNEY GENERAL

Enforcement action date: 10/29/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 5000
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 725.274

Area of violation: TSD - Container Use and Management

Date violation determined: 02/04/1992
Date achieved compliance: 04/09/1997
Violation lead agency: State

Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR IMMINENT AND SUBSTANTIAL ENDANGERMENT

Enforcement action date: 06/06/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 23000
Paid penalty amount: 3234

Regulation violated: SR - 728.150(a)(1)

Direction Distance

EDR ID Number Elevation Site **EPA ID Number** Database(s)

BEST BLAST CORP (Continued)

1007092684

Area of violation: LDR - General 02/04/1992 Date violation determined: 04/09/1997 Date achieved compliance: Violation lead agency: State

Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR IMMINENT AND SUBSTANTIAL ENDANGERMENT

Enforcement action date: 06/06/1996 Enf. disposition status: Not reported Enf. disp. status date: Not reported Enforcement lead agency: State Proposed penalty amount: Not reported 23000 Final penalty amount: Paid penalty amount: 3234

Regulation violated: SR - 725.135

Area of violation: TSD - Preparedness and Prevention

Date violation determined: 02/04/1992 04/21/1999 Date achieved compliance: Violation lead agency: State Enforcement action: Not reported Enforcement action date: Not reported Not reported Enf. disposition status: Enf. disp. status date: Not reported Enforcement lead agency: Not reported Proposed penalty amount: Not reported Final penalty amount: Not reported

Regulation violated: SR - 725.114(c)

Area of violation: TSD - General Facility Standards

Not reported

02/04/1992 Date violation determined: Date achieved compliance: 04/09/1997 Violation lead agency: State

Paid penalty amount:

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 03/30/1992 Enf. disposition status: Not reported Enf. disp. status date: Not reported Enforcement lead agency: State Proposed penalty amount: Not reported Final penalty amount: Not reported Paid penalty amount: Not reported

Regulation violated: SR - 725.115(a)

Area of violation: TSD - General Facility Standards

Date violation determined: 02/04/1992 Date achieved compliance: 04/09/1997 Violation lead agency: State

REFERRAL TO ATTORNEY GENERAL Enforcement action:

Enforcement action date: 05/18/1994 Enf. disposition status: Not reported Enf. disp. status date: Not reported Enforcement lead agency: State Proposed penalty amount: Not reported Final penalty amount: Not reported Paid penalty amount: Not reported

Regulation violated: SR - 725.173

Area of violation: TSD - General Facility Standards

Direction Distance

Elevation Site Database(s) EPA ID Number

BEST BLAST CORP (Continued)

1007092684

EDR ID Number

Date violation determined: 02/04/1992
Date achieved compliance: 04/09/1997
Violation lead agency: State

Enforcement action: REFERRAL TO ATTORNEY GENERAL

Enforcement action date: 10/29/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 5000
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 725.242(a)

Area of violation: TSD - Financial Requirements

Date violation determined: 02/04/1992
Date achieved compliance: 04/09/2004
Violation lead agency: State

Enforcement action: REFERRAL TO ATTORNEY GENERAL

Enforcement action date: 10/29/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 5000
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 728.107(a)
Area of violation: LDR - General
Date violation determined: 02/04/1992
Date achieved compliance: 04/21/1999
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 03/30/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 728.150(a)(2)
Area of violation: LDR - General
Date violation determined: 02/04/1992
Date achieved compliance: 04/09/1997
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 03/30/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported

Proposed penalty amount: Not reported Not reported Paid penalty amount: Not reported Not reported Not reported

Regulation violated: SR - 725.113(b)

Area of violation: TSD - General Facility Standards

Date violation determined: 02/04/1992

Direction Distance

Elevation Site Database(s) EPA ID Number

BEST BLAST CORP (Continued)

1007092684

EDR ID Number

Date achieved compliance: 04/09/1997 Violation lead agency: State

Enforcement action: REFERRAL TO ATTORNEY GENERAL

Enforcement action date: 10/29/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 5000
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 725.113(b)

Area of violation: TSD - General Facility Standards

Date violation determined: 02/04/1992
Date achieved compliance: 04/09/1997
Violation lead agency: State

Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR IMMINENT AND SUBSTANTIAL ENDANGERMENT

Enforcement action date: 06/06/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported

Froposed penalty amount: Not rep Final penalty amount: 23000 Paid penalty amount: 3234

Regulation violated: SR - 725.114(a)/(b)

Area of violation: TSD - General Facility Standards

Date violation determined: 02/04/1992
Date achieved compliance: 04/09/1997
Violation lead agency: State

Enforcement action: REFERRAL TO ATTORNEY GENERAL

Enforcement action date: 10/29/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 5000
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 725.116(a)

Area of violation: TSD - General Facility Standards

Date violation determined: 02/04/1992
Date achieved compliance: 04/09/1997
Violation lead agency: State

Enforcement action: REFERRAL TO ATTORNEY GENERAL

Enforcement action date: 10/29/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 5000
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 722.134(d)

Area of violation: Generators - Pre-transport

Date violation determined: 02/04/1992 Date achieved compliance: 04/21/1999

Direction Distance

Elevation Site Database(s) EPA ID Number

BEST BLAST CORP (Continued)

1007092684

EDR ID Number

Violation lead agency: State

Enforcement action: REFERRAL TO ATTORNEY GENERAL

Enforcement action date: 10/29/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 5000
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 725.173

Area of violation: TSD - General Facility Standards

Date violation determined: 02/04/1992
Date achieved compliance: 04/09/1997
Violation lead agency: State

Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR IMMINENT AND SUBSTANTIAL ENDANGERMENT

Enforcement action date: 06/06/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 23000
Paid penalty amount: 3234

Regulation violated: SR - 725.175

Area of violation: TSD - General Facility Standards

Date violation determined: 02/04/1992
Date achieved compliance: 04/09/1997
Violation lead agency: State

Enforcement action: REFERRAL TO ATTORNEY GENERAL

Enforcement action date: 10/29/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 5000
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 725.242(a)

Area of violation: TSD - Financial Requirements

Date violation determined: 02/04/1992
Date achieved compliance: 04/09/2004
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 03/30/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 725.271

Area of violation: TSD - Container Use and Management

Date violation determined: 02/04/1992
Date achieved compliance: 09/08/1993
Violation lead agency: State

Direction Distance Elevation

stance EDR ID Number evation Site Database(s) EPA ID Number

BEST BLAST CORP (Continued)

1007092684

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 03/30/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 725.273(a)

Area of violation: TSD - Container Use and Management

Date violation determined: 02/04/1992
Date achieved compliance: 09/08/1993
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 03/30/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported

Regulation violated: SR - 722.111
Area of violation: Generators - General

Date violation determined: 09/20/1990
Date achieved compliance: 04/01/1992
Violation lead agency: State

Paid penalty amount:

Enforcement action: REFERRAL TO ATTORNEY GENERAL

Not reported

Enforcement action date: 10/29/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 5000
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 722.111
Area of violation: Generators - General

Date violation determined: 09/20/1990
Date achieved compliance: 04/01/1992
Violation lead agency: State

Enforcement action: VIOLATION NOTICE (VN)

Enforcement action date: 11/19/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State

Proposed penalty amount: Not reported Final penalty amount: Not reported Paid penalty amount: Not reported

Regulation violated: SR - 722.111
Area of violation: Generators - General

Date violation determined: 09/20/1990
Date achieved compliance: 04/01/1992
Violation lead agency: State

Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR IMMINENT AND SUBSTANTIAL ENDANGERMENT

Direction Distance

Elevation Site Database(s) EPA ID Number

BEST BLAST CORP (Continued)

1007092684

EDR ID Number

Enforcement action date: 06/06/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 23000
Paid penalty amount: 3234

Regulation violated: SR - 722.111
Area of violation: Generators - General

Date violation determined: 09/20/1990
Date achieved compliance: 04/01/1992
Violation lead agency: State

Enforcement action: REFERRAL TO ATTORNEY GENERAL

Enforcement action date: 05/18/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 03/25/2005

Evaluation: NON-FINANCIAL RECORD REVIEW

Area of violation: Not reported Date achieved compliance: Not reported Evaluation lead agency: State

Evaluation date: 04/09/2004

Evaluation: NOT A SIGNIFICANT NON-COMPLIER

Area of violation:
Date achieved compliance:
Evaluation lead agency:

Not reported
State

Evaluation date: 03/02/2004

Evaluation: FOCUSED COMPLIANCE INSPECTION

Area of violation:

Date achieved compliance:

Evaluation lead agency:

Not reported

Not reported

State

Evaluation date: 04/08/2002

Evaluation: COMPLIANCE SCHEDULE EVALUATION

Area of violation: Not reported Date achieved compliance: Not reported Evaluation lead agency: State

Evaluation date: 04/08/2002

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Not reported Date achieved compliance: Not reported Evaluation lead agency: State

Evaluation date: 02/26/1999

Evaluation: SIGNIFICANT NON-COMPLIER Area of violation: Generators - Pre-transport

Date achieved compliance: 04/21/1999

Direction Distance

Elevation Site Database(s) EPA ID Number

BEST BLAST CORP (Continued)

1007092684

EDR ID Number

Evaluation lead agency: State

Evaluation date: 02/26/1999

Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: TSD - Container Use and Management

Date achieved compliance: 04/09/1997 Evaluation lead agency: State

Evaluation date: 02/26/1999

Evaluation: SIGNIFICANT NON-COMPLIER

Area of violation: Generators - General

Date achieved compliance: 04/01/1992 Evaluation lead agency: State

Evaluation date: 02/26/1999

Evaluation: SIGNIFICANT NON-COMPLIER Area of violation: TSD - General Facility Standards

Date achieved compliance: 04/01/1992 Evaluation lead agency: State

Evaluation date: 02/26/1999

Evaluation: SIGNIFICANT NON-COMPLIER

Area of violation: TSD - Contingency Plan and Emergency Procedures

Date achieved compliance: 04/09/1997 Evaluation lead agency: State

Evaluation date: 02/26/1999

Evaluation: SIGNIFICANT NON-COMPLIER Area of violation: TSD - Closure/Post-Closure

Date achieved compliance: 04/09/2004 Evaluation lead agency: State

Evaluation date: 02/26/1999

Evaluation: SIGNIFICANT NON-COMPLIER

Area of violation: LDR - General Date achieved compliance: 04/21/1999 Evaluation lead agency: State

Evaluation date: 02/26/1999

Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: TSD - Preparedness and Prevention

Date achieved compliance: 04/21/1999 Evaluation lead agency: State

Evaluation date: 02/26/1999

Evaluation: SIGNIFICANT NON-COMPLIER Area of violation: TSD - General Facility Standards

Date achieved compliance: 04/09/1997 Evaluation lead agency: State

Evaluation date: 02/26/1999

Evaluation: SIGNIFICANT NON-COMPLIER

Area of violation: Generators - General

Date achieved compliance: 04/08/2002 Evaluation lead agency: State

Evaluation date: 02/26/1999

Direction Distance

Elevation Site Database(s) EPA ID Number

BEST BLAST CORP (Continued)

1007092684

EDR ID Number

Evaluation: SIGNIFICANT NON-COMPLIER

Area of violation: LDR - General Date achieved compliance: 04/09/1997 Evaluation lead agency: State

Evaluation date: 04/09/1997

Evaluation: FOLLOW-UP INSPECTION Area of violation: TSD - Closure/Post-Closure

Date achieved compliance: 04/09/2004 Evaluation lead agency: State

Evaluation date: 04/09/1997

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Generators - General

Date achieved compliance: 04/09/1997 Evaluation lead agency: State

Evaluation date: 04/09/1997

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: LDR - General Date achieved compliance: 04/09/1997 Evaluation lead agency: State

Evaluation date: 04/09/1997

Evaluation: FOLLOW-UP INSPECTION
Area of violation: TSD - Financial Requirements

Date achieved compliance: 04/09/2004 Evaluation lead agency: State

Evaluation date: 04/09/1997

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: TSD - Financial Requirements

Date achieved compliance: 04/09/2004 Evaluation lead agency: State

Evaluation date: 04/09/1997

Evaluation: FOLLOW-UP INSPECTION

Area of violation:

Date achieved compliance:

Evaluation lead agency:

Not reported

Not reported

State

Evaluation date: 04/09/1997

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: TSD - Container Use and Management

Date achieved compliance: 04/09/1997 Evaluation lead agency: State

Evaluation date: 04/09/1997

Evaluation: FOLLOW-UP INSPECTION

Area of violation: TSD - Container Use and Management

Date achieved compliance: 04/09/1997 Evaluation lead agency: State

Evaluation date: 04/09/1997

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE Area of violation: TSD - Contingency Plan and Emergency Procedures

Date achieved compliance: 04/09/1997

Direction Distance

Elevation Site Database(s) EPA ID Number

BEST BLAST CORP (Continued)

1007092684

EDR ID Number

Evaluation lead agency: State

Evaluation date: 04/09/1997

Evaluation: FOLLOW-UP INSPECTION
Area of violation: TSD - General Facility Standards

Date achieved compliance: 04/09/2004 Evaluation lead agency: State

Evaluation date: 04/09/1997

Evaluation: FOLLOW-UP INSPECTION

Area of violation: TSD - Contingency Plan and Emergency Procedures

Date achieved compliance: 04/09/1997 Evaluation lead agency: State

Evaluation date: 04/09/1997

Evaluation: FOLLOW-UP INSPECTION Area of violation: Generators - General

Date achieved compliance: 04/09/1997 Evaluation lead agency: State

Evaluation date: 04/09/1997

Evaluation: FOLLOW-UP INSPECTION
Area of violation: TSD - General Facility Standards

Date achieved compliance: 04/09/1997 Evaluation lead agency: State

Evaluation date: 04/09/1997

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: TSD - General Facility Standards

Date achieved compliance: 04/09/2004 Evaluation lead agency: State

Evaluation date: 04/09/1997

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: TSD - General Facility Standards

Date achieved compliance: 04/09/1997 Evaluation lead agency: State

Evaluation date: 04/09/1997

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Generators - General

Date achieved compliance: 04/08/2002 Evaluation lead agency: State

Evaluation date: 04/09/1997

Evaluation: FOLLOW-UP INSPECTION

Area of violation: LDR - General Date achieved compliance: 04/09/1997 Evaluation lead agency: State

Evaluation date: 04/09/1997

Evaluation: FOLLOW-UP INSPECTION Area of violation: Generators - General

Date achieved compliance: 04/08/2002 Evaluation lead agency: State

Evaluation date: 04/09/1997

Direction Distance

Elevation Site Database(s) EPA ID Number

BEST BLAST CORP (Continued)

1007092684

EDR ID Number

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: TSD - Closure/Post-Closure

Date achieved compliance: 04/09/2004 Evaluation lead agency: State

Evaluation date: 08/25/1994

Evaluation: CASE DEVELOPMENT INSPECTION

Area of violation: TSD - Contingency Plan and Emergency Procedures

Date achieved compliance: 04/09/1997 Evaluation lead agency: State

Evaluation date: 05/06/1994

Evaluation: FOLLOW-UP INSPECTION

Area of violation: LDR - General Date achieved compliance: 04/21/1999 Evaluation lead agency: State

Evaluation date: 05/06/1994

Evaluation: FOLLOW-UP INSPECTION

Area of violation: LDR - General Date achieved compliance: 04/09/1997 Evaluation lead agency: State

Evaluation date: 05/06/1994

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: TSD - Financial Requirements

Date achieved compliance: 04/09/2004 Evaluation lead agency: State

Evaluation date: 05/06/1994

Evaluation: FOLLOW-UP INSPECTION

Area of violation: TSD - Contingency Plan and Emergency Procedures

Date achieved compliance: 04/09/1997 Evaluation lead agency: State

Evaluation date: 05/06/1994

Evaluation: FOLLOW-UP INSPECTION
Area of violation: TSD - Preparedness and Prevention

Date achieved compliance: 04/21/1999 Evaluation lead agency: State

Evaluation date: 05/06/1994

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: TSD - General Facility Standards

Date achieved compliance: 04/09/2004 Evaluation lead agency: State

Evaluation date: 05/06/1994

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: TSD - Container Use and Management

Date achieved compliance: 04/09/1997 Evaluation lead agency: State

Evaluation date: 05/06/1994

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Generators - General

Date achieved compliance: 04/09/1997

Direction Distance

Elevation Site Database(s) EPA ID Number

BEST BLAST CORP (Continued)

1007092684

EDR ID Number

Evaluation lead agency: State

Evaluation date: 05/06/1994

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: TSD - Preparedness and Prevention

Date achieved compliance: 04/21/1999 Evaluation lead agency: State

Evaluation date: 05/06/1994

Evaluation: FOLLOW-UP INSPECTION Area of violation: TSD - Closure/Post-Closure

Date achieved compliance: 04/09/2004 Evaluation lead agency: State

Evaluation date: 05/06/1994

Evaluation: FOLLOW-UP INSPECTION
Area of violation: TSD - Financial Requirements

Date achieved compliance: 04/09/2004 Evaluation lead agency: State

Evaluation date: 05/06/1994

Evaluation: FOLLOW-UP INSPECTION Area of violation: Generators - General

Date achieved compliance: 04/08/2002 Evaluation lead agency: State

Evaluation date: 05/06/1994

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: TSD - Closure/Post-Closure

Date achieved compliance: 04/09/2004 Evaluation lead agency: State

Evaluation date: 05/06/1994

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: TSD - General Facility Standards

Date achieved compliance: 04/09/1997 Evaluation lead agency: State

Evaluation date: 05/06/1994

Evaluation: FOLLOW-UP INSPECTION
Area of violation: TSD - Container Use and Management

Area of violation: TSD - Conta Date achieved compliance: 04/09/1997 Evaluation lead agency: State

Evaluation date: 05/06/1994

Evaluation: FOLLOW-UP INSPECTION
Area of violation: TSD - General Facility Standards

Date achieved compliance: 04/09/2004 Evaluation lead agency: State

Evaluation date: 05/06/1994

Evaluation: FOLLOW-UP INSPECTION Area of violation: Generators - General

Date achieved compliance: 04/09/1997 Evaluation lead agency: State

Evaluation date: 05/06/1994

Direction Distance

Elevation Site Database(s) EPA ID Number

BEST BLAST CORP (Continued)

1007092684

EDR ID Number

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE Area of violation: TSD - Contingency Plan and Emergency Procedures

Date achieved compliance: 04/09/1997 Evaluation lead agency: State

Evaluation date: 05/06/1994

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Generators - General

Date achieved compliance: 04/08/2002 Evaluation lead agency: State

Evaluation date: 05/06/1994

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Generators - Pre-transport

Date achieved compliance: 04/21/1999 Evaluation lead agency: State

Evaluation date: 05/06/1994

Evaluation: FOLLOW-UP INSPECTION
Area of violation: TSD - General Facility Standards

Date achieved compliance: 04/09/1997 Evaluation lead agency: State

Evaluation date: 05/06/1994

Evaluation: FOLLOW-UP INSPECTION Area of violation: Generators - Pre-transport

Date achieved compliance: 04/21/1999 Evaluation lead agency: State

Evaluation date: 05/06/1994

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: LDR - General Date achieved compliance: 04/21/1999 Evaluation lead agency: State

Evaluation date: 05/06/1994

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: LDR - General Date achieved compliance: 04/09/1997 Evaluation lead agency: State

Evaluation date: 08/27/1993

Evaluation: FOCUSED COMPLIANCE INSPECTION

Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 07/13/1993

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: TSD - Closure/Post-Closure

Date achieved compliance: 04/09/2004 Evaluation lead agency: State

Evaluation date: 07/13/1993

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: TSD - Financial Requirements

Date achieved compliance: 04/09/2004

Direction Distance

Elevation Site Database(s) EPA ID Number

BEST BLAST CORP (Continued)

1007092684

EDR ID Number

Evaluation lead agency: State

Evaluation date: 07/13/1993

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: LDR - General Date achieved compliance: 04/09/1997 Evaluation lead agency: State

Evaluation date: 07/13/1993

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Generators - General

Date achieved compliance: 04/09/1997 Evaluation lead agency: State

Evaluation date: 07/13/1993

Evaluation: FOLLOW-UP INSPECTION

Area of violation: TSD - Contingency Plan and Emergency Procedures

Date achieved compliance: 04/09/1997 Evaluation lead agency: State

Evaluation date: 07/13/1993

Evaluation: FOLLOW-UP INSPECTION
Area of violation: TSD - General Facility Standards

Date achieved compliance: 04/09/2004 Evaluation lead agency: State

Evaluation date: 07/13/1993

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Generators - General

Date achieved compliance: 04/08/2002 Evaluation lead agency: State

Evaluation date: 07/13/1993

Evaluation: FOLLOW-UP INSPECTION Area of violation: Generators - General

Date achieved compliance: 04/08/2002 Evaluation lead agency: State

Evaluation date: 07/13/1993

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE Area of violation: TSD - Contingency Plan and Emergency Procedures

Date achieved compliance: 04/09/1997 Evaluation lead agency: State

Evaluation date: 07/13/1993

Evaluation: FOLLOW-UP INSPECTION

Area of violation: LDR - General Date achieved compliance: 04/09/1997 Evaluation lead agency: State

Evaluation date: 07/13/1993

Evaluation: FOLLOW-UP INSPECTION

Area of violation: LDR - General Date achieved compliance: 04/21/1999 Evaluation lead agency: State

Evaluation date: 07/13/1993

Direction Distance

Elevation Site Database(s) EPA ID Number

BEST BLAST CORP (Continued)

1007092684

EDR ID Number

Evaluation: FOLLOW-UP INSPECTION
Area of violation: TSD - Closure/Post-Closure

Date achieved compliance: 04/09/2004 Evaluation lead agency: State

Evaluation date: 07/13/1993

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: LDR - General Date achieved compliance: 04/21/1999 Evaluation lead agency: State

Evaluation date: 07/13/1993

Evaluation: FOLLOW-UP INSPECTION Area of violation: Generators - Pre-transport

Date achieved compliance: 04/21/1999 Evaluation lead agency: State

Evaluation date: 07/13/1993

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Generators - Pre-transport

Date achieved compliance: 04/21/1999 Evaluation lead agency: State

Evaluation date: 07/13/1993

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: TSD - Container Use and Management

Date achieved compliance: 04/09/1997 Evaluation lead agency: State

Evaluation date: 07/13/1993

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: TSD - General Facility Standards

Date achieved compliance: 04/09/1997 Evaluation lead agency: State

Evaluation date: 07/13/1993

Evaluation: FOLLOW-UP INSPECTION

Area of violation: TSD - Container Use and Management

Date achieved compliance: 04/09/1997 Evaluation lead agency: State

Evaluation date: 07/13/1993

Evaluation: FOLLOW-UP INSPECTION
Area of violation: TSD - General Facility Standards

Date achieved compliance: 04/09/1997 Evaluation lead agency: State

Evaluation date: 07/13/1993

Evaluation: FOLLOW-UP INSPECTION
Area of violation: TSD - Preparedness and Prevention

Date achieved compliance: 04/21/1999 Evaluation lead agency: State

Evaluation date: 07/13/1993

Evaluation: FOLLOW-UP INSPECTION
Area of violation: TSD - Financial Requirements

Date achieved compliance: 04/09/2004

Direction Distance

Elevation Site Database(s) EPA ID Number

BEST BLAST CORP (Continued)

1007092684

EDR ID Number

Evaluation lead agency: State

Evaluation date: 07/13/1993

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: TSD - Preparedness and Prevention

Date achieved compliance: 04/21/1999 Evaluation lead agency: State

Evaluation date: 07/13/1993

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: TSD - General Facility Standards

Date achieved compliance: 04/09/2004 Evaluation lead agency: State

Evaluation date: 07/13/1993

Evaluation: FOLLOW-UP INSPECTION Area of violation: Generators - General

Date achieved compliance: 04/09/1997 Evaluation lead agency: State

Evaluation date: 04/29/1992

Evaluation: FOLLOW-UP INSPECTION
Area of violation: TSD - Financial Requirements

Date achieved compliance: 04/09/2004 Evaluation lead agency: State

Evaluation date: 04/29/1992

Evaluation: FOLLOW-UP INSPECTION

Area of violation: LDR - General Date achieved compliance: 04/09/1997 Evaluation lead agency: State

Evaluation date: 04/29/1992

Evaluation: FOLLOW-UP INSPECTION
Area of violation: TSD - General Facility Standards

Date achieved compliance: 04/09/1997 Evaluation lead agency: State

Evaluation date: 04/29/1992

Evaluation: FOLLOW-UP INSPECTION
Area of violation: TSD - General Facility Standards

Date achieved compliance: 04/09/2004 Evaluation lead agency: State

Evaluation date: 04/29/1992

Evaluation: FOLLOW-UP INSPECTION

Area of violation: LDR - General Date achieved compliance: 04/21/1999 Evaluation lead agency: State

Evaluation date: 04/29/1992

Evaluation: FOLLOW-UP INSPECTION

Area of violation: TSD - Container Use and Management

Date achieved compliance: 04/09/1997 Evaluation lead agency: State

Evaluation date: 04/29/1992

Direction Distance

Elevation Site Database(s) EPA ID Number

BEST BLAST CORP (Continued)

1007092684

EDR ID Number

Evaluation: FOLLOW-UP INSPECTION

Area of violation: TSD - Container Use and Management

Date achieved compliance: 09/08/1993 Evaluation lead agency: State

Evaluation date: 04/29/1992

Evaluation: FOLLOW-UP INSPECTION

Area of violation: TSD - Contingency Plan and Emergency Procedures

Date achieved compliance: 04/09/1997 Evaluation lead agency: State

Evaluation date: 04/29/1992

Evaluation: FOLLOW-UP INSPECTION Area of violation: TSD - Closure/Post-Closure

Date achieved compliance: 04/09/2004 Evaluation lead agency: State

Evaluation date: 04/29/1992

Evaluation: FOLLOW-UP INSPECTION Area of violation: Generators - Pre-transport

Date achieved compliance: 04/21/1999 Evaluation lead agency: State

Evaluation date: 04/29/1992

Evaluation: FOLLOW-UP INSPECTION

Area of violation: TSD - Preparedness and Prevention

Date achieved compliance: 04/21/1999 Evaluation lead agency: State

Evaluation date: 04/29/1992

Evaluation: FOLLOW-UP INSPECTION Area of violation: Generators - General

Date achieved compliance: 04/08/2002 Evaluation lead agency: State

Evaluation date: 02/04/1992

Evaluation: NON-FINANCIAL RECORD REVIEW Area of violation: TSD - General Facility Standards

Date achieved compliance: 04/01/1992 Evaluation lead agency: State

Evaluation date: 02/04/1992

Evaluation: NON-FINANCIAL RECORD REVIEW Area of violation: TSD - General Facility Standards

Date achieved compliance: 04/09/2004 Evaluation lead agency: State

Evaluation date: 02/04/1992

Evaluation: NON-FINANCIAL RECORD REVIEW

Area of violation: Generators - Pre-transport

Date achieved compliance: 04/21/1999 Evaluation lead agency: State

Evaluation date: 02/04/1992

Evaluation: NON-FINANCIAL RECORD REVIEW Area of violation: TSD - Financial Requirements

Date achieved compliance: 04/09/2004

Direction Distance

Elevation Site Database(s) EPA ID Number

BEST BLAST CORP (Continued)

1007092684

EDR ID Number

Evaluation lead agency: State

Evaluation date: 02/04/1992

Evaluation: NON-FINANCIAL RECORD REVIEW

Area of violation: TSD - Contingency Plan and Emergency Procedures

Date achieved compliance: 04/09/1997 Evaluation lead agency: State

Evaluation date: 02/04/1992

Evaluation: NON-FINANCIAL RECORD REVIEW Area of violation: TSD - General Facility Standards

Date achieved compliance: 04/09/1997 Evaluation lead agency: State

Evaluation date: 02/04/1992

Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: TSD - Container Use and Management

Date achieved compliance: 04/09/1997 Evaluation lead agency: State

Evaluation date: 02/04/1992

Evaluation: NON-FINANCIAL RECORD REVIEW

Area of violation: LDR - General Date achieved compliance: 04/09/1997 Evaluation lead agency: State

Evaluation date: 02/04/1992

Evaluation: NON-FINANCIAL RECORD REVIEW Area of violation: TSD - Preparedness and Prevention

Date achieved compliance: 04/21/1999 Evaluation lead agency: State

Evaluation date: 02/04/1992

Evaluation: NON-FINANCIAL RECORD REVIEW

Area of violation: TSD - Closure/Post-Closure

Date achieved compliance: 04/09/2004 Evaluation lead agency: State

Evaluation date: 02/04/1992

Evaluation: NON-FINANCIAL RECORD REVIEW

Area of violation: LDR - General Date achieved compliance: 04/21/1999 Evaluation lead agency: State

Evaluation date: 02/04/1992

Evaluation: NON-FINANCIAL RECORD REVIEW Area of violation: TSD - Container Use and Management

Date achieved compliance: 09/08/1993 Evaluation lead agency: State

Evaluation date: 09/20/1990

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Generators - General

Date achieved compliance: 04/01/1992 Evaluation lead agency: State

Direction Distance

Distance Elevation Site EDR ID Number

Database(s) EPA ID Number

87 INDIAN PRAIRIE SCHOOL DIST. #204 LUST \$104002986 NNE 5 SOUTH 700 EOLA RD. N/A

NNE 5 SOUTH 700 EOLA RD. > 1 AURORA, IL 60504

1.170 mi. 6178 ft.

Relative: LUST:

 Higher
 Incident Num:
 921459

 IL EPA Id:
 0434075

Section 57.5(g) Letter:

IL EPA Id: 0434075019

Actual: Product: Fuel Oil, Non Petro
732 ft. IEMA Date: 6/1/1992

Project Manager: Harlow
Project Manager Phone: (217) 524-7650

Email: Robert.Harlow@illinois.gov
PRP Name: Indian Prairie School Dist. #204

732

PRP Contact: Paulette Jurgoven
PRP Address: P.O. Box 3990
PRP City,St,Zip: Naperville, IL 60523
PRP Phone: Not reported
Site Classification: LOW

Non LUST Determination Letter: Not reported 7/23/1992 45 Report Received: 10/29/1992 Section 57.5(g) Letter: Not reported 7/13/1998 NFR Date Recorded: 11/19/1998

88 NEW CLEANERS DRYCLEANERS \$106541249
SE 2849 EAST NEW YORK STREET N/A

> 1 AURORA, IL 60504

1.172 mi. 6188 ft.

Relative: IL Drycleaners:

Higher Facility Id: 3437-7093-01
Facility Contact: JESSICA BERTHEL

Actual: License Expires: 12/31/10

710 ft.

89 INDIAN PRAIRIE DIST. SCHOOL LUST S104190323
NE EOLA RD. LUST S104190323
N/A

> 1 EOLA, IL 60519

1.174 mi. 6197 ft.

Relative: LUST:

 Higher
 Incident Num:
 902790

 IL EPA Id:
 0438990001

 Actual:
 Product:
 Gasoline

 727 ft.
 IEMA Date:
 9/26/1990

 Project Manager:
 Hale

Project Manager Phone: (217) 782-1803
Email: Sam.Hale@illinois.gov
PRP Name: Indian Prairie School Dist.

PRP Contact: Paul Woodburn
PRP Address: 30W026 Ogden Ave.
PRP City,St,Zip: Naperville, IL 60540
PRP Phone: Not reported

TC2800629.2s Page 169

Direction Distance

Elevation Site Database(s) EPA ID Number

INDIAN PRAIRIE DIST. SCHOOL (Continued)

Site Classification: Not reported

Section 57.5(g) Letter: 731

Non LUST Determination Letter: Not reported
20 Report Received: Not reported
45 Report Received: Not reported
Section 57.5(g) Letter: Not reported
NFA/NFR Letter: 1/30/2008

NFR Date Recorded: Not reported

90 HARTMAN, JOHN FINDS 1008123731 SW 235 OAKVIEW SWF/LF N/A

> 1 AURORA, IL 60505

1.198 mi. 6326 ft.

Relative: FINDS:

Higher Actual:

Registry ID: 110018203745

726 ft. Environmental Interest/Information System

ACES (Illinois - Agency Compliance And Enforcement System) is the

Illinois EPA Project to facilitate the permitting operations

IL WMRC_LF:

Region: WMRC
General: Not reported
IEPA ID Number: 890050010
Municipal Waste: Not reported
Provisional IEPA ID: Not reported
Septic: Not reported

NIPC Map Number: 321

Animal: Not reported Owner Name: JOHN HARTMAN Not reported Pathological: Operator: JOHN HARTMAN Industrial: Not reported PO Box: Not reported Foundry Sand: Not reported Incinerator Ash: Not reported Slag: Not reported Not reported Hazardous: Not reported Hazardous Liquid: Radiation: Not reported

Demolition: X

Lat/Long: 414405/881831
Landscaping: Not reported
Oil Field: Not reported

Primemer ID:

Special: Not reported Township: 38N
Other: Not reported

Range: 08E Unknown: Not reported

Section: 34

Quarter Section1: Not reported Quarter Section2: Not reported

EDR ID Number

S104190323

MAP FINDINGS Map ID Direction

Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

HARTMAN, JOHN (Continued)

1008123731

Quarter Section3: Not reported Not reported Quarter Section4:

IEPA: Х

ISGS: Not reported PollutionControlBoard: Not reported IDM&M: Not reported DPH: Not reported

CLOSED FINAL COVER Operational Status:

Local Agency: Not reported

Permit Status: UNPERMITTED UNAUTHORIZED

Agency: **NIPC** IEPA Permit Date: 10175 Source Other: Not reported Close Date: 111679 Reaction: Not reported RCRA Facility: Not reported Not reported Date Discover: **GW Monitoring:** NO

Date Cleaned: Not reported

FD Site: Not reported Offsite Waste: Not reported

Landfill Size: 2

Random Dump: Not reported

Size Fill:

Open Dump: Not reported Not reported Leachate Collected: Abandonment: Not reported Other: Not reported Recompacted Clay: Not reported In-situ Clay: Not reported Secured Containers: Not reported Combination: Not reported

Landfill:

None: Not reported Not reported Incineration: Not reported Other: Survace Impoundment: Not reported Land Application: Not reported

O91 **REED MACHINERY & TRANSPORTATION CO.**

712 N FARNSWORTH

UST U001144784 N/A

AURORA, IL 60505 > 1

1.215 mi.

West

6418 ft. Site 1 of 5 in cluster O

UST: Relative:

Facility ID: 2018949 Lower Facility Status: Closed

Actual: Facility Type: Industrial / Manufacturing 702 ft.

Owner Name: Reed Machinery & Transportation Co. Owner Id: U0012559

712 N. Farnsworth Owner Address: Owner City, St, Zip: Aurora, IL 60505

Tank Number: 6000 Tank Capacity: Tank Substance: Diesel Fuel Last Used Date: 12/22/1998

Direction Distance

Elevation Site Database(s) EPA ID Number

REED MACHINERY & TRANSPORTATION CO. (Continued)

U001144784

EDR ID Number

OSFM First Notify Date: 4/7/1986 **Tank Status:** Removed Red Tag Issue Date: Not reported Install Date: Not reported Green Tag Decal: Not reported **Green Tag Issue Date:** Not reported Not reported **Green Tag Expire Date:** Self Service Permit Inspection Date:Not reported **Self Service Permit Expire Date:** Not reported

Fee Due: No

Tank Number: 2 Tank Capacity: 6000 Diesel Fuel Tank Substance: Last Used Date: 12/22/1998 4/7/1986 OSFM First Notify Date: Tank Status: Removed Red Tag Issue Date: Not reported Install Date: Not reported **Green Tag Decal:** Not reported **Green Tag Issue Date:** Not reported **Green Tag Expire Date:** Not reported Self Service Permit Inspection Date:Not reported **Self Service Permit Expire Date:** Not reported Fee Due: No

O92 REED MACHINERY & TRANSPORTATION LUST \$104530519
West 712 NORTH FARNSWORTH AVE. N/A

> 1 AURORA, IL 60505

1.215 mi.

6418 ft. Site 2 of 5 in cluster O

Relative: LUST:

 Lower
 Incident Num:
 20000451

 IL EPA Id:
 0894076028

 Actual:
 Product:
 Deisel

 702 ft.
 IEMA Date:
 3/15/2000

Project Manager: McCain
Project Manager Phone: (217) 785-6309

Email: Robin.McCain@illinois.gov
PRP Name: Reed Machinery & Transportation

PRP Contact: Steve Thompson

PRP Address: 712 North Farnsworth Ave.

PRP City,St,Zip: Aurora, IL 60505
PRP Phone: 6308515656
Site Classification: NFA

Section 57.5(g) Letter: 732

Non LUST Determination Letter: Not reported 3/24/2000

45 Report Received: 4/14/2000

Section 57.5(g) Letter: Not reported NFA/NFR Letter: 5/30/2001

NFR Date Recorded: 12/27/2001

Direction Distance

Elevation Site Database(s) EPA ID Number

93 CIRCLE K #6762 UST U003104788
SE 2946 A EAST NEW YORK STREET N/A

> 1 AURORA, IL 60507

1.216 mi. 6419 ft.

Relative: UST:

HigherFacility ID:2034801Facility Status:Active

Actual: Facility Type: Self-Service Station
711 ft. Owner Name: RDK Ventures, LLC

Owner Id: U0035671

Owner Address: 4080 West Jonathan Moore Pike
Owner City,St,Zip: Columbus, IN 47201

Tank Number: Tank Capacity: 15000 Tank Substance: Gasoline Not reported Last Used Date: 1/20/1997 **OSFM First Notify Date:** Tank Status: Currently in use Red Tag Issue Date: Not reported Install Date: 10/6/1996 **Green Tag Decal:** K000590 **Green Tag Issue Date:** 7/24/2009 **Green Tag Expire Date:** 12/31/2011 Self Service Permit Inspection Date:9/30/2009 **Self Service Permit Expire Date:** 12/31/2011

Fee Due: No

Tank Number: 2 15000 Tank Capacity: Tank Substance: Gasoline Last Used Date: Not reported 1/20/1997 OSFM First Notify Date: Currently in use Tank Status: Not reported Red Tag Issue Date: Install Date: 10/3/1996 Green Tag Decal: K000590 Green Tag Issue Date: 7/24/2009 **Green Tag Expire Date:** 12/31/2011 Self Service Permit Inspection Date:9/30/2009 **Self Service Permit Expire Date:** 12/31/2011

No

O94 AURORA PAPERBOARD DIV., DAVEY CO.

West 705 NORTH FARNSWORTH AVE.

Fee Due:

> 1 AURORA, IL 60507

1.231 mi.

6500 ft. Site 3 of 5 in cluster O

Relative: LUST:

Lower Incident Num: 902727
IL EPA Id: 0894075118

Actual: Product: Deisel
699 ft. IEMA Date: 9/21/1990
Project Manager: Kohrmann

Project Manager: Kohrmann
Project Manager Phone: Not reported
Email: Not reported

TC2800629.2s Page 173

S104526664

N/A

LUST

EDR ID Number

Direction Distance

Elevation Site **EPA ID Number** Database(s)

AURORA PAPERBOARD DIV., DAVEY CO. (Continued)

S104526664

EDR ID Number

PRP Name: Aurora Paperboard PRP Contact: Jacob Peter PRP Address: P.O. Box 1120 PRP City,St,Zip: Aurora, IL 60507 PRP Phone: Not reported Site Classification: Not reported Section 57.5(g) Letter: 731

Non LUST Determination Letter: Not reported 2/29/1992 20 Report Received: 45 Report Received: 2/29/1992 Not reported Section 57.5(g) Letter: 4/4/1991 NFA/NFR Letter: NFR Date Recorded: Not reported

O95 ROCK-TENN CO RCRA-SQG 1000612323 West **705 N FARNSWORTH FINDS** ILD984825505 **AIRS**

> 1 AURORA, IL 60505

1.231 mi.

6500 ft. Site 4 of 5 in cluster O

RCRA-SQG: Relative:

Date form received by agency: 11/04/1997 Lower

> Facility name: **ROCK TENN**

Actual: Facility address: 705 FARNSWORTH 699 ft.

AURORA, IL 60505 EPA ID: ILD984825505

STEPHAN STARZYK Contact: Contact address: 705 FARNSWORTH

AURORA, IL 60505

Contact country: US

Contact telephone: (630) 898-4231 Contact email: Not reported

EPA Region: 05

Classification: Small Small Quantity Generator

Description: Handler: generates more than 100 and less than 1000 kg of hazardous

> waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of

hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: DODD JOHN Owner/operator address: Not reported Not reported Owner/operator country: Not reported Owner/operator telephone: Not reported

Legal status: Private Owner/Operator Type: Owner Owner/Op start date: Not reported Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): Unknown Recycler of hazardous waste: No Transporter of hazardous waste: No Treater, storer or disposer of HW: No

Map ID MAP FINDINGS
Direction

Distance Elevation

EDR ID Number

n Site Database(s) EPA ID Number

ROCK-TENN CO (Continued)

1000612323

Underground injection activity: No On-site burner exemption: No Furnace exemption: No Used oil fuel burner: No Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: Nο Used oil transfer facility: No Used oil transporter: No

Off-site waste receiver: Verified to be non-commercial

Hazardous Waste Summary:

Waste code: D001

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF

LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT

WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D008 Waste name: LEAD

Waste code: D018
Waste name: BENZENE

Waste code: D039

Waste name: TETRACHLOROETHYLENE

Waste code: D040

Waste name: TRICHLOROETHYLENE

Violation Status: No violations found

FINDS:

Registry ID: 110001814485

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

ACES (Illinois - Agency Compliance And Enforcement System) is the Illinois EPA Project to facilitate the permitting operations

The NEI (National Emissions Inventory) database contains information

Direction Distance Elevation

Site Database(s) EPA ID Number

ROCK-TENN CO (Continued)

1000612323

EDR ID Number

on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

PCS (Permit Compliance System) is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

IL AIRS:

Facility ID: 6001

Facility Address 2: Not reported
Contact Name: Charles P Harbit
Contact Title: Not reported
Contact Tele: 630-898-4231

Contact Extention: 2477

Contact EMail: charbit@rocktenn.com

Contact Fax: 630-898-5783

Lat/Long: 41.770030 / -88.281200

ID Number: 089800AAT
Cease Operation Date: Not reported
SIC Code: 2631

Address Type Code: LOC Year: 2006

Emissions:

Year: 2007

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: N2O
Tons per Year: .299520
Last Updated By: Not reported Last Updated Date: Not reported

Year: 2007

Direction Distance Elevation

n Site Database(s) EPA ID Number

ROCK-TENN CO (Continued)

1000612323

EDR ID Number

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: SO2
Tons per Year: .089856
Last Updated By: Not reported Last Updated Date: Not reported

Year: 2007

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: CO
Tons per Year: 7.420000
Last Updated By: Not reported Last Updated Date: Not reported

Year: 2007

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: NOX
Tons per Year: 8.830000
Last Updated By: Not reported Last Updated Date: Not reported

Year: 2007

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PM10
Tons per Year: 1.138176
Last Updated By: Not reported Last Updated Date: Not reported

Year: 2007

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: VOM
Tons per Year: 5.090000
Last Updated By: Not reported Last Updated Date: Not reported

Year: 2007

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: METHANE Tons per Year: .344448
Last Updated By: Not reported Last Updated Date: Not reported

Year: 2007

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PART Tons per Year: 1.138176 Last Updated By: Not reported Last Updated Date: Not reported

Year: 2007

Emissions Type: Facility Reported

Direction Distance Elevation

tion Site Database(s) EPA ID Number

ROCK-TENN CO (Continued)

1000612323

EDR ID Number

Id Num:Not reportedPollutant Code:PM2.5Tons per Year:1.138176Last Updated By:Not reportedLast Updated Date:Not reported

Year: 2007

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: NH3
Tons per Year: .709632
Last Updated By: Not reported Last Updated Date: Not reported

Year: 2007

Emissions Type: Facility Reported Id Num: Not reported

Pollutant Code: CO2

Tons per Year: 25891.200000
Last Updated By: Not reported
Last Updated Date: Not reported

Year: 2006

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:NOXTons per Year:26.27520Last Updated By:EPA2110Last Updated Date:10/15/04

Year: 2006

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:PARTTons per Year:1.13818Last Updated By:EPA2110Last Updated Date:10/15/04

Year: 2006

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:VOMTons per Year:17.99362Last Updated By:EPA2110Last Updated Date:10/15/04

Year: 2006

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:PM2.5Tons per Year:1.13818Last Updated By:EPA2110Last Updated Date:10/15/04

Year: 2006

Emissions Type: Facility Reported Id Num: Not reported

MAP FINDINGS Map ID Direction

Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

ROCK-TENN CO (Continued)

1000612323

Pollutant Code: VOM Tons per Year: 4.05 Last Updated By: Not reported Last Updated Date: Not reported

2006 Year:

Emissions Type: Facility Reported Not reported Id Num: Pollutant Code: **PART** Tons per Year: 1.138176 Last Updated By: Not reported Last Updated Date: Not reported

Year: 2006

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num: Not reported Pollutant Code: SO₂ Tons per Year: 0

Last Updated By: EPA2110 10/15/04 Last Updated Date:

Year: 2006

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: NH3 Tons per Year: 0.709632 Last Updated By: Not reported Last Updated Date: Not reported

2006 Year:

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PM10 Tons per Year: 1.138176 Last Updated By: Not reported Last Updated Date: Not reported

Year: 2006

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PM2.5 Tons per Year: 1.138176 Last Updated By: Not reported Last Updated Date: Not reported

2006 Year:

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: CO Tons per Year: 7.22 Last Updated By: Not reported

Not reported

Year: 2006

Last Updated Date:

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: SO2

Direction Distance Elevation

levation Site Database(s) EPA ID Number

ROCK-TENN CO (Continued)

1000612323

EDR ID Number

Tons per Year: 0.089856
Last Updated By: Not reported
Last Updated Date: Not reported

Year: 2006

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:COTons per Year:22Last Updated By:EPA2110Last Updated Date:10/15/04

Year: 2006

Emissions Type: Facility Reported Id Num: Not reported NOX
Pollutant Code: NOX
Tons per Year: 8.6

Last Updated By: Not reported Last Updated Date: Not reported

Year: 2006

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:PM10Tons per Year:1.13818Last Updated By:EPA2110Last Updated Date:10/15/04

Year: 2006

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:NH3Tons per Year:0.70963Last Updated By:EPA2110Last Updated Date:10/15/04

Year: 2005

Emissions Type: IEPA Estimated Emissions (tons per year)

 Id Num:
 Not reported

 Pollutant Code:
 PM2.5

 Tons per Year:
 1.13818

 Last Updated By:
 EPA2110

 Last Updated Date:
 10/15/04

Year: 2005

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:SO2Tons per Year:0Last Updated By:EPA2110Last Updated Date:10/15/04

Year: 2005

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:NH3Tons per Year:0.70963

Direction Distance

Elevation Site Database(s) EPA ID Number

ROCK-TENN CO (Continued)

1000612323

EDR ID Number

Last Updated By: EPA2110 Last Updated Date: 10/15/04

Year: 2005

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:COTons per Year:22Last Updated By:EPA2110Last Updated Date:10/15/04

Year: 2005

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:PARTTons per Year:1.13818Last Updated By:EPA2110Last Updated Date:10/15/04

Year: 2005

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:NOXTons per Year:26.27520Last Updated By:EPA2110Last Updated Date:10/15/04

Year: 2005

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:VOMTons per Year:17.99362Last Updated By:EPA2110Last Updated Date:10/15/04

Year: 2005

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:PM10Tons per Year:1.13818Last Updated By:EPA2110Last Updated Date:10/15/04

Year: 2005

Emissions Type: Facility Reported Id Num: Not reported Not Pollutant Code: NOX Tons per Year: 8.34000
Last Updated By: EPA2499
Last Updated Date: 03/28/06

Year: 2005

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: NH3
Tons per Year: 0.70963
Last Updated By: EPA2499

Distance Elevation Si

ion Site Database(s) EPA ID Number

ROCK-TENN CO (Continued)

1000612323

EDR ID Number

Last Updated Date: 03/28/06

Year: 2005

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PART Tons per Year: 1.13818
Last Updated By: EPA2499
Last Updated Date: 03/28/06

Year: 2005

Emissions Type: Facility Reported Id Num: Not reported

Pollutant Code: SO2
Tons per Year: 0
Last Updated By: EPA2499
Last Updated Date: 03/28/06

Year: 2005

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: VOM Tons per Year: 4.71000 Last Updated By: EPA2499 Last Updated Date: 03/28/06

Year: 2005

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PM10
Tons per Year: 1.13818
Last Updated By: EPA2499
Last Updated Date: 03/28/06

Year: 2005

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PM2.5
Tons per Year: 1.13818
Last Updated By: EPA2499
Last Updated Date: 03/28/06

Year: 2005

Emissions Type: Facility Reported Id Num: Not reported

Pollutant Code: CO
Tons per Year: 7
Last Updated By: EPA2499
Last Updated Date: 03/28/06

Year: 2004

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:PM10Tons per Year:1.13818Last Updated By:EPA2110Last Updated Date:10/15/04

Direction Distance

Elevation Site Database(s) EPA ID Number

ROCK-TENN CO (Continued)

Year:

2004

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num: Not reported

Pollutant Code: CO
Tons per Year: 22
Last Updated By: EPA2110
Last Updated Date: 10/15/04

Year: 2004

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:PARTTons per Year:1.13818Last Updated By:EPA2110Last Updated Date:10/15/04

Year: 2004

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num: Not reported

Pollutant Code: SO2
Tons per Year: 0

Last Updated By: EPA2110 Last Updated Date: 10/15/04

Year: 2004

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:PM2.5Tons per Year:1.13818Last Updated By:EPA2110Last Updated Date:10/15/04

Year: 2004

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:NH3Tons per Year:0.70963Last Updated By:EPA2110Last Updated Date:10/15/04

Year: 2004

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:NOXTons per Year:26.27520Last Updated By:EPA2110Last Updated Date:10/15/04

Year: 2004

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: NOX
Tons per Year: 9.73000
Last Updated By: EPA2499
Last Updated Date: 03/21/05

Year: 2004

EDR ID Number

1000612323

Direction Distance Elevation

on Site Database(s) EPA ID Number

ROCK-TENN CO (Continued)

1000612323

EDR ID Number

Emissions Type: Facility Reported Id Num: Not reported

Pollutant Code: CO
Tons per Year: 8.17000
Last Updated By: EPA2499
Last Updated Date: 03/21/05

Year: 2004

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: NH3
Tons per Year: 0.70963
Last Updated By: EPA2499
Last Updated Date: 03/21/05

Year: 2004

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: VOM
Tons per Year: 1.43000
Last Updated By: EPA2499
Last Updated Date: 03/21/05

Year: 2004

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PM10
Tons per Year: 1.13818
Last Updated By: EPA2499
Last Updated Date: 03/21/05

Year: 2004

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PART Tons per Year: 1.13818
Last Updated By: EPA2499
Last Updated Date: 03/21/05

Year: 2004

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PM2.5
Tons per Year: 1.13818
Last Updated By: EPA2499
Last Updated Date: 03/21/05

Year: 2004

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: SO2
Tons per Year: 0
Last Updated By: EPA2499
Last Updated Date: 03/21/05

Year: 2004

Emissions Type: IEPA Estimated Emissions (tons per year)

Direction Distance

Elevation Site Database(s) EPA ID Number

ROCK-TENN CO (Continued)

1000612323

EDR ID Number

Id Num:Not reportedPollutant Code:VOMTons per Year:17.99362Last Updated By:EPA2110Last Updated Date:10/15/04

Year: 2003

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:PM10Tons per Year:1.13818Last Updated By:EPA2110Last Updated Date:09/12/03

Year: 2003

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:PARTTons per Year:1.13818Last Updated By:EPA2110Last Updated Date:09/12/03

Year: 2003

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num: Not reported

Pollutant Code: CO
Tons per Year: 22
Last Updated By: EPA2110
Last Updated Date: 09/12/03

Year: 2003

Emissions Type: IEPA Estimated Emissions (tons per year)

 Id Num:
 Not reported

 Pollutant Code:
 SO2

 Tons per Year:
 0

 Last Updated By:
 EPA2110

 Last Updated Date:
 09/12/03

Year: 2003

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:NOXTons per Year:26.27520Last Updated By:EPA2110Last Updated Date:09/12/03

Year: 2003

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:VOMTons per Year:17.99362Last Updated By:EPA2110Last Updated Date:09/12/03

Year: 2003

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num: Not reported

Direction Distance Elevation

Site Database(s) EPA ID Number

ROCK-TENN CO (Continued)

1000612323

EDR ID Number

Pollutant Code: NH3
Tons per Year: 0.70963
Last Updated By: EPA2110
Last Updated Date: 09/12/03

Year: 2003

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: NOX
Tons per Year: 9.50000
Last Updated By: EPA2499
Last Updated Date: 06/03/04

Year: 2003

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PART Tons per Year: 1.13818
Last Updated By: EPA2499
Last Updated Date: 06/03/04

Year: 2003

Emissions Type: Facility Reported Id Num: Not reported SO2
Tons per Year: 0

Last Updated By: EPA2499
Last Updated Date: 06/03/04

Year: 2003

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: CO Tons per Year: 7.98000 Last Updated By: EPA2499 Last Updated Date: 06/03/04

Year: 2003

Emissions Type: Facility Reported Id Num: Not reported Not reported NH3

Tons per Year: 0.70963

Last Updated By: EPA2499

Last Updated Date: 06/03/04

Year: 2003

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: VOM
Tons per Year: 2.21000
Last Updated By: EPA2499
Last Updated Date: 06/03/04

Year: 2003

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PM10

Direction Distance

Elevation Site Database(s) EPA ID Number

ROCK-TENN CO (Continued)

1000612323

EDR ID Number

Tons per Year: 1.13818
Last Updated By: EPA2499
Last Updated Date: 06/03/04

Year: 2002

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PM10
Tons per Year: 1.13818
Last Updated By: EPA2499
Last Updated Date: 06/02/03

Year: 2002

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:NH3Tons per Year:0.70963Last Updated By:EPA2110Last Updated Date:11/19/02

Year: 2002

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:VOMTons per Year:18Last Updated By:EPA2110Last Updated Date:11/19/02

Year: 2002

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num: Not reported
Pollutant Code: PM10
Tons per Year: 1.13818
Last Updated By: EPA2110
Last Updated Date: 11/19/02

Year: 2002

Emissions Type: IEPA Estimated Emissions (tons per year)

 Id Num:
 Not reported

 Pollutant Code:
 SO2

 Tons per Year:
 0

 Last Updated By:
 EPA2110

 Last Updated Date:
 11/19/02

Year: 2002

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:COTons per Year:22Last Updated By:EPA2110Last Updated Date:11/19/02

Year: 2002

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:NOXTons per Year:26.27600

Distance Elevation

ion Site Database(s) EPA ID Number

ROCK-TENN CO (Continued)

1000612323

EDR ID Number

Last Updated By: EPA2110 Last Updated Date: 11/19/02

Year: 2002

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: NH3
Tons per Year: 0.70963
Last Updated By: EPA2499
Last Updated Date: 06/02/03

Year: 2002

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: VOM Tons per Year: 1.94000 Last Updated By: EPA2499 Last Updated Date: 06/02/03

Year: 2002

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: NOX
Tons per Year: 9.48000
Last Updated By: EPA2499
Last Updated Date: 06/02/03

Year: 2002

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: SO2
Tons per Year: 0

Last Updated By: EPA2499
Last Updated Date: 06/02/03

Year: 2002

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: CO Tons per Year: 7.96000 Last Updated By: EPA2499 Last Updated Date: 06/02/03

Year: 2002

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PART Tons per Year: 1.13818
Last Updated By: EPA2499
Last Updated Date: 06/02/03

Year: 2002

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:PARTTons per Year:1.13818Last Updated By:EPA2110

MAP FINDINGS Map ID

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

ROCK-TENN CO (Continued)

1000612323

Last Updated Date: 11/19/02

2001 Year:

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num: Not reported Pollutant Code: VOM 20.55167 Tons per Year: Last Updated By: EPA2110 Last Updated Date: 09/24/99

Year: 2001

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num: Not reported Pollutant Code: SO₂

Tons per Year: Last Updated By: EPA2110 Last Updated Date: 09/24/99

Year: 2001

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num: Not reported Pollutant Code: CO Tons per Year: 38.59200 Last Updated By: EPA2110 Last Updated Date: 09/24/99

Year: 2001

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num: Not reported Pollutant Code: NOX Tons per Year: 58.75642 Last Updated By: EPA2110 Last Updated Date: 09/24/99

Year: 2001

Emissions Type: Facility Reported Id Num: Not reported

Pollutant Code: CO 3.75000 Tons per Year: Last Updated By: EPA2499 07/08/02 Last Updated Date:

Year: 2001

Facility Reported Emissions Type: Id Num: Not reported Pollutant Code: NOX Tons per Year: 13.84000 Last Updated By: EPA2499 Last Updated Date: 07/08/02

Year: 2001

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: VOM Tons per Year: 2.22000 Last Updated By: EPA2499 Last Updated Date: 07/08/02

MAP FINDINGS Map ID

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

ROCK-TENN CO (Continued)

1000612323

Year: 2001

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: SO₂ Tons per Year: 0 Last Updated By: EPA2499 Last Updated Date: 07/08/02

2000 Year:

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: CO Tons per Year: 3.97000 Last Updated By: EPA2499 Last Updated Date: 05/22/01

2000 Year:

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: NOX

Tons per Year: 15 EPA2499 Last Updated By: 05/22/01

Last Updated Date:

Year: 2000

Emissions Type: IEPA Estimated Emissions (tons per year)

Not reported Id Num: Pollutant Code: VOM 20.55167 Tons per Year: Last Updated By: EPA2110 Last Updated Date: 09/24/99

2000 Year:

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: VOM Tons per Year: 0.41000 Last Updated By: EPA2499 Last Updated Date: 05/22/01

2000 Year:

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num: Not reported Pollutant Code: SO₂

Tons per Year: 0

Last Updated By: EPA2110 Last Updated Date: 09/24/99

Year: 2000

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num: Not reported Pollutant Code: NOX Tons per Year: 58.75642 Last Updated By: EPA2110 Last Updated Date: 09/24/99

Year: 2000

MAP FINDINGS Map ID

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

ROCK-TENN CO (Continued)

1000612323

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num: Not reported Pollutant Code: CO Tons per Year: 38.59200 Last Updated By: EPA2110 Last Updated Date: 09/24/99

Year: 2000

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: SO₂ Tons per Year: EPA2499 Last Updated By: Last Updated Date: 05/22/01

Year: 1999

Emissions Type: Facility Reported Id Num: Not reported

Pollutant Code: SO2 Tons per Year: 0

Last Updated By: EPA2499 Last Updated Date: 03/07/00

Year: 1999

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num: Not reported Pollutant Code: SO2

Tons per Year: Last Updated By: EPA2110 Last Updated Date: 09/24/99

Year: 1999

Emissions Type: Facility Reported Id Num: Not reported **PART** Pollutant Code: Tons per Year: 1.21300 Last Updated By: EPA2499 Last Updated Date: 03/07/00

Year: 1999

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: VOM Tons per Year: 2.66000 Last Updated By: EPA2499 Last Updated Date: 03/07/00

Year: 1999

Facility Reported **Emissions Type:** Id Num: Not reported Pollutant Code: NOX Tons per Year: 15.71000 Last Updated By: EPA2499 Last Updated Date: 03/07/00

Year: 1999

Emissions Type: IEPA Estimated Emissions (tons per year)

Direction Distance Elevation

on Site Database(s) EPA ID Number

ROCK-TENN CO (Continued)

1000612323

EDR ID Number

Id Num: Not reported Pollutant Code: CO

Tons per Year: 38.59200
Last Updated By: EPA2110
Last Updated Date: 09/24/99

Year: 1999

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:VOMTons per Year:20.55167Last Updated By:EPA2110Last Updated Date:09/24/99

Year: 1999

Emissions Type: Facility Reported Id Num: Not reported

Pollutant Code: CO
Tons per Year: 4.31000
Last Updated By: EPA2499
Last Updated Date: 03/07/00

Year: 1999

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:NOXTons per Year:58.75642Last Updated By:EPA2110Last Updated Date:09/24/99

Year: 1998

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:NOXTons per Year:69.41170Last Updated By:Not reported

Last Updated Date: / /

Year: 1998

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:VOMTons per Year:21.27510Last Updated By:Not reported

Last Updated Date: / /

Year: 1998

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:COTons per Year:44.54800Last Updated By:Not reported

Last Updated Date: / /

Year: 1998

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num: Not reported

Distance Elevation

on Site Database(s) EPA ID Number

ROCK-TENN CO (Continued)

1000612323

EDR ID Number

Pollutant Code: PART Tons per Year: 1

Last Updated By: Not reported

Last Updated Date: //

Year: 1998

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: NOX
Tons per Year: 12.43000
Last Updated By: Not reported

Last Updated Date: / /

Year: 1998

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: VOM Tons per Year: 0.40000
Last Updated By: Not reported

Last Updated Date: / /

Year: 1998

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PART Tons per Year: 1.21300 Not reported Not reported

Last Updated Date: /

Year: 1998

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: SO2

Tons per Year: 0

Last Updated By: Not reported

Last Updated Date: / /

Year: 1998

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: CO Tons per Year: 3.40000
Last Updated By: Not reported

Last Updated Date: / /

Year: 1997

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:COTons per Year:44.54800Last Updated By:Not reported

Last Updated Date:

Year: 1997

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PART

Direction Distance

Elevation Site Database(s) EPA ID Number

ROCK-TENN CO (Continued)

1000612323

EDR ID Number

Tons per Year: 1.36190
Last Updated By: Not reported

Last Updated Date: //

Year: 1997

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: SO2
Tons per Year: 0

Last Updated By: Not reported

Last Updated Date: / /

Year: 1997

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: NOX
Tons per Year: 16.84260
Last Updated By: Not reported

Last Updated Date: / /

Year: 1997

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:NOXTons per Year:69.41170Last Updated By:Not reported

Last Updated Date: / /

Year: 1997

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: CO
Tons per Year: 6.49270
Last Updated By: Not reported

Last Updated Date: /

Year: 1997

Emissions Type: Facility Reported Id Num: Not reported VOM
Pollutant Code: VOM
Tons per Year: 1.43280
Last Updated By: Not reported

Last Updated Date: / /

Year: 1997

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:PARTTons per Year:1Last Updated By:Not reported

Last Updated Date: / /

Year: 1997

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:VOMTons per Year:21.27510

Distance Elevation S

on Site Database(s) EPA ID Number

ROCK-TENN CO (Continued)

1000612323

EDR ID Number

Last Updated By: Not reported

Last Updated Date: / /

Year: 1996

Emissions Type: Facility Reported
Id Num: Not reported
Pollutant Code: VOM
Tons per Year: 1.10800
Last Updated By: Not reported

Last Updated Date: / /

Year: 1996

Emissions Type: Facility Reported Id Num: Not reported

Pollutant Code: CO Tons per Year: 5

Last Updated By: Not reported

Last Updated Date: //

Year: 1996

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PART Tons per Year: 1

Last Updated By: Not reported

Last Updated Date: / /

Year: 1996

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: SO2
Tons per Year: 0

Last Updated By: Not reported

Last Updated Date: /

Year: 1996

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: NOX
Tons per Year: 13

Last Updated By: Not reported

Last Updated Date: //

Year: 1996

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num: Not reported
Pollutant Code: PART
Tons per Year: 1

Last Updated By: Not reported

Last Updated Date: / /

Year: 1996

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:COTons per Year:44.54800Last Updated By:Not reported

Direction Distance Elevation

stance EDR ID Number evation Site Database(s) EPA ID Number

ROCK-TENN CO (Continued)

1000612323

Last Updated Date: / /

Year: 1996

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:NOXTons per Year:69.41170Last Updated By:Not reported

Last Updated Date: //

Year: 1996

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:VOMTons per Year:14.90660Last Updated By:Not reported

Last Updated Date: / /

Year: 1995

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:NOXTons per Year:69.41170Last Updated By:Not reported

Last Updated Date: //

Year: 1995

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: CO
Tons per Year: 18.54000
Last Updated By: Not reported

Last Updated Date: / /

Year: 1995

Emissions Type: Facility Reported Id Num: Not reported

Pollutant Code: SO2
Tons per Year: 0

Last Updated By: Not reported

Last Updated Date: / /

Year: 1995

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: VOM Tons per Year: 5.87000 Last Updated By: Not reported

Last Updated Date: / /

Year: 1995

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:PARTTons per Year:1

Last Updated By: Not reported

Last Updated Date: / /

MAP FINDINGS Map ID

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

ROCK-TENN CO (Continued)

Year:

1995

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num: Not reported Pollutant Code: CO 44.54800 Tons per Year: Last Updated By: Not reported

Last Updated Date: / /

Year:

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num: Not reported Pollutant Code: VOM Tons per Year: 14.90660 Last Updated By: Not reported

Last Updated Date:

1995 Year:

Facility Reported Emissions Type: Id Num: Not reported Pollutant Code: NOX Tons per Year: 30

Last Updated By: Not reported

Last Updated Date: 11

1995 Year:

Emissions Type: Facility Reported Not reported Id Num: Pollutant Code: **PART** 0.68000 Tons per Year: Last Updated By: Not reported

Last Updated Date: / /

Year:

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num: Not reported Pollutant Code: VOM Tons per Year: 84 Last Updated By: Not reported

Last Updated Date:

Year: 1994

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num: Not reported Pollutant Code: NOX Tons per Year: 204

Last Updated By: Not reported

Last Updated Date: / /

Year: 1994

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: CO 20.80000 Tons per Year: Last Updated By: Not reported

Last Updated Date:

Year: 1994 1000612323

Distance

Elevation Site Database(s) EPA ID Number

ROCK-TENN CO (Continued)

1000612323

EDR ID Number

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: SO2
Tons per Year: 0

Last Updated By: Not reported

Last Updated Date: / /

Year: 1994

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: VOM Tons per Year: 7.24000 Last Updated By: Not reported

Last Updated Date: / /

Year: 1994

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: NOX
Tons per Year: 29.80000
Last Updated By: Not reported

Last Updated Date: / /

Year: 1994

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num: Not reported
Pollutant Code: SO2
Tons per Year: 4.10400
Last Updated By: Not reported

Last Updated Date: / /

Year: 1994

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:COTons per Year:25.83360Last Updated By:Not reported

Last Updated Date: / /

Year: 1993

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:VOMTons per Year:84

Last Updated By: Not reported

Last Updated Date: //

Year: 1993

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:SO2Tons per Year:4.10400Last Updated By:Not reported

Last Updated Date: /

Year: 1993

Emissions Type: Facility Reported

Distance Elevation Site

Site Database(s) EPA ID Number

ROCK-TENN CO (Continued)

1000612323

EDR ID Number

Id Num:Not reportedPollutant Code:NOXTons per Year:38.70000Last Updated By:Not reported

Last Updated Date: /

Year: 1993

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:COTons per Year:25.83360Last Updated By:Not reported

Last Updated Date: //

Year: 1993

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: CO Tons per Year: 26.30000 Last Updated By: Not reported

Last Updated Date: / /

Year: 1993

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: SO2
Tons per Year: 0

Last Updated By: Not reported

Last Updated Date: /

Year: 1993

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: VOM Tons per Year: 9.13000 Last Updated By: Not reported

Last Updated Date: / /

Year: 1993

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num: Not reported
Pollutant Code: NOX
Tons per Year: 204

Last Updated By: Not reported

Last Updated Date: //

Year: 1992

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: SO2
Tons per Year: 4.10400
Last Updated By: Not reported

Last Updated Date: / /

Year: 1992

Emissions Type: Facility Reported Id Num: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

ROCK-TENN CO (Continued)

1000612323

EDR ID Number

Pollutant Code: VOM
Tons per Year: 8.28000
Last Updated By: Not reported

Last Updated Date: //

Year: 1992

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: CO Tons per Year: 3.44000
Last Updated By: Not reported

Last Updated Date: / /

Year: 1992

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: NOX
Tons per Year: 4

Last Updated By: Not reported

Last Updated Date: / /

Year: 1992

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num: Not reported Pollutant Code: VOM
Tons per Year: 84

Last Updated By: Not reported

Last Updated Date: /

Year: 1992

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:COTons per Year:25.83360Last Updated By:Not reported

Last Updated Date: / /

Year: 1992

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:NOXTons per Year:204

Last Updated By: Not reported

Last Updated Date: / /

Year: 1992

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:SO2Tons per Year:4.10400Last Updated By:Not reported

Last Updated Date:

Facility ID: 6001
Facility Address 2: Not reported
Contact Name: Charles P Harbit
Contact Title: Not reported

Distance Elevation

on Site Database(s) EPA ID Number

ROCK-TENN CO (Continued)

1000612323

EDR ID Number

Contact Tele: 630-898-4231 Contact Extention: Not reported Not reported Contact EMail: Contact Fax: Not reported Lat/Long: Not reported 089800AAT ID Number: Not reported Cease Operation Date: 2631 SIC Code: Address Type Code: Not reported

2007

Year: Emissions:

Year: 2007

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: N2O
Tons per Year: .299520
Last Updated By: Not reported Last Updated Date: Not reported

Year: 2007

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: SO2
Tons per Year: .089856
Last Updated By: Not reported Last Updated Date: Not reported

Year: 2007

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: CO
Tons per Year: 7.420000
Last Updated By: Not reported Last Updated Date: Not reported

Year: 2007

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: NOX
Tons per Year: 8.830000
Last Updated By: Not reported Last Updated Date: Not reported

Year: 2007

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PM10
Tons per Year: 1.138176
Last Updated By: Not reported Last Updated Date: Not reported

Year: 2007

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: VOM Tons per Year: 5.090000

Distance Elevation Site

Site Database(s) EPA ID Number

ROCK-TENN CO (Continued)

1000612323

EDR ID Number

Last Updated By: Not reported Last Updated Date: Not reported

Year: 2007

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: METHANE Tons per Year: .344448
Last Updated By: Not reported Last Updated Date: Not reported

Year: 2007

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PART Tons per Year: 1.138176 Last Updated By: Not reported Last Updated Date: Not reported

Year: 2007

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PM2.5
Tons per Year: 1.138176
Last Updated By: Not reported Last Updated Date: Not reported

Year: 2007

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: NH3
Tons per Year: .709632
Last Updated By: Not reported Last Updated Date: Not reported

Year: 2007

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: CO2

Tons per Year: 25891.200000
Last Updated By: Not reported
Last Updated Date: Not reported

Year: 2006

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num: Not reported Pollutant Code: NOX
Tons per Year: 26.27520
Last Updated By: EPA2110
Last Updated Date: 10/15/04

Year: 2006

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:PARTTons per Year:1.13818Last Updated By:EPA2110

MAP FINDINGS Map ID

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

ROCK-TENN CO (Continued)

1000612323

Last Updated Date: 10/15/04

2006 Year:

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num: Not reported Pollutant Code: VOM 17.99362 Tons per Year: Last Updated By: EPA2110 Last Updated Date: 10/15/04

Year: 2006

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num: Not reported Pollutant Code: PM2.5 Tons per Year: 1.13818 Last Updated By: EPA2110 Last Updated Date: 10/15/04

Year: 2006

Emissions Type: Facility Reported Id Num: Not reported VOM Pollutant Code: Tons per Year: 4.05

Last Updated By: Not reported Last Updated Date: Not reported

Year: 2006

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: **PART** Tons per Year: 1.138176 Last Updated By: Not reported Last Updated Date: Not reported

Year: 2006

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num: Not reported Pollutant Code: SO₂ Tons per Year: 0 Last Updated By: EPA2110 Last Updated Date: 10/15/04

Year: 2006

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: NH3 Tons per Year: 0.709632 Last Updated By: Not reported Last Updated Date: Not reported

Year: 2006

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PM10 Tons per Year: 1.138176 Last Updated By: Not reported Last Updated Date: Not reported

MAP FINDINGS Map ID

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

ROCK-TENN CO (Continued)

1000612323

Year: 2006

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PM2.5 Tons per Year: 1.138176 Last Updated By: Not reported Last Updated Date: Not reported

2006 Year:

Emissions Type: Facility Reported Id Num: Not reported

Pollutant Code: CO Tons per Year: 7.22

Last Updated By: Not reported Last Updated Date: Not reported

2006 Year:

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: SO₂ Tons per Year: 0.089856 Last Updated By: Not reported Last Updated Date: Not reported

Year: 2006

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num: Not reported

Pollutant Code: CO Tons per Year: 22 Last Updated By: EPA2110 Last Updated Date: 10/15/04

2006 Year:

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: NOX Tons per Year: 8.6

Last Updated By: Not reported Last Updated Date: Not reported

Year: 2006

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num: Not reported Pollutant Code: PM10 Tons per Year: 1.13818 Last Updated By: EPA2110 Last Updated Date: 10/15/04

Year:

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num: Not reported Pollutant Code: NH3 0.70963 Tons per Year: Last Updated By: EPA2110 Last Updated Date: 10/15/04

Year: 2005

Direction Distance Elevation

levation Site Database(s) EPA ID Number

ROCK-TENN CO (Continued)

Emissions Type:

IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:PM2.5Tons per Year:1.13818Last Updated By:EPA2110Last Updated Date:10/15/04

Year: 2005

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:SO2Tons per Year:0Last Updated By:EPA2110Last Updated Date:10/15/04

Year: 2005

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:NH3Tons per Year:0.70963Last Updated By:EPA2110Last Updated Date:10/15/04

Year: 2005

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num: Not reported

Pollutant Code: CO
Tons per Year: 22
Last Updated By: EPA2110
Last Updated Date: 10/15/04

Year: 2005

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:PARTTons per Year:1.13818Last Updated By:EPA2110Last Updated Date:10/15/04

Year: 2005

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:NOXTons per Year:26.27520Last Updated By:EPA2110Last Updated Date:10/15/04

Year: 2005

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:VOMTons per Year:17.99362Last Updated By:EPA2110Last Updated Date:10/15/04

Year: 2005

Emissions Type: IEPA Estimated Emissions (tons per year)

EDR ID Number

1000612323

Distance Elevation

vation Site Database(s) EPA ID Number

ROCK-TENN CO (Continued)

1000612323

EDR ID Number

Id Num:Not reportedPollutant Code:PM10Tons per Year:1.13818Last Updated By:EPA2110Last Updated Date:10/15/04

Year: 2005

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: NOX
Tons per Year: 8.34000
Last Updated By: EPA2499
Last Updated Date: 03/28/06

Year: 2005

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: NH3
Tons per Year: 0.70963
Last Updated By: EPA2499
Last Updated Date: 03/28/06

Year: 2005

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PART Tons per Year: 1.13818
Last Updated By: EPA2499
Last Updated Date: 03/28/06

Year: 2005

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: SO2
Tons per Year: 0
Last Updated By: EPA2499
Last Updated Date: 03/28/06

Year: 2005

Emissions Type: Facility Reported Id Num: Not reported VOM Pollutant Code: VOM Tons per Year: 4.71000 Last Updated By: EPA2499 Last Updated Date: 03/28/06

Year: 2005

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PM10
Tons per Year: 1.13818
Last Updated By: EPA2499
Last Updated Date: 03/28/06

Year: 2005

Emissions Type: Facility Reported Id Num: Not reported

Direction Distance Elevation

on Site Database(s) EPA ID Number

ROCK-TENN CO (Continued)

1000612323

EDR ID Number

Pollutant Code: PM2.5
Tons per Year: 1.13818
Last Updated By: EPA2499
Last Updated Date: 03/28/06

Year: 2005

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: CO Tons per Year: 7
Last Updated By: EPA2499
Last Updated Date: 03/28/06

Year: 2004

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:PM10Tons per Year:1.13818Last Updated By:EPA2110Last Updated Date:10/15/04

Year: 2004

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num: Not reported

Pollutant Code: CO
Tons per Year: 22
Last Updated By: EPA2110
Last Updated Date: 10/15/04

Year: 2004

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:PARTTons per Year:1.13818Last Updated By:EPA2110Last Updated Date:10/15/04

Year: 2004

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num: Not reported Pollutant Code: SO2

Tons per Year: 0
Last Updated By: EPA2110
Last Updated Date: 10/15/04

Year: 2004

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:PM2.5Tons per Year:1.13818Last Updated By:EPA2110Last Updated Date:10/15/04

Year: 2004

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num: Not reported Pollutant Code: NH3

Direction Distance Elevation

n Site Database(s) EPA ID Number

ROCK-TENN CO (Continued)

1000612323

EDR ID Number

Tons per Year: 0.70963
Last Updated By: EPA2110
Last Updated Date: 10/15/04

Year: 2004

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:NOXTons per Year:26.27520Last Updated By:EPA2110Last Updated Date:10/15/04

Year: 2004

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: NOX
Tons per Year: 9.73000
Last Updated By: EPA2499
Last Updated Date: 03/21/05

Year: 2004

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: CO Tons per Year: 8.17000 Last Updated By: EPA2499 Last Updated Date: 03/21/05

Year: 2004

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: NH3
Tons per Year: 0.70963
Last Updated By: EPA2499
Last Updated Date: 03/21/05

Year: 2004

Emissions Type: Facility Reported Id Num: Not reported VOM
Pollutant Code: VOM
Tons per Year: 1.43000
Last Updated By: EPA2499
Last Updated Date: 03/21/05

Year: 2004

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PM10
Tons per Year: 1.13818
Last Updated By: EPA2499
Last Updated Date: 03/21/05

Year: 2004

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PART Tons per Year: 1.13818

MAP FINDINGS Map ID

Direction Distance Elevation

EDR ID Number Site Database(s) **EPA ID Number**

ROCK-TENN CO (Continued)

Tons per Year:

1000612323

Last Updated By: EPA2499 Last Updated Date: 03/21/05

2004 Year:

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PM2.5 Tons per Year: 1.13818 Last Updated By: EPA2499 Last Updated Date: 03/21/05

2004 Year:

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: SO2

Last Updated By: EPA2499 03/21/05 Last Updated Date:

2004 Year:

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num: Not reported Pollutant Code: VOM Tons per Year: 17.99362 Last Updated By: EPA2110 Last Updated Date: 10/15/04

Year:

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num: Not reported Pollutant Code: PM10 Tons per Year: 1.13818 Last Updated By: EPA2110 Last Updated Date: 09/12/03

Year:

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num: Not reported Pollutant Code: **PART** Tons per Year: 1.13818 Last Updated By: EPA2110 Last Updated Date: 09/12/03

Year: 2003

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num: Not reported

Pollutant Code: CO Tons per Year: 22 EPA2110 Last Updated By: Last Updated Date: 09/12/03

Year:

IEPA Estimated Emissions (tons per year) Emissions Type:

Id Num: Not reported Pollutant Code: SO2 Tons per Year: Last Updated By: EPA2110

Direction Distance

Elevation Site Database(s) EPA ID Number

ROCK-TENN CO (Continued)

1000612323

EDR ID Number

Last Updated Date: 09/12/03

Year: 2003

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:NOXTons per Year:26.27520Last Updated By:EPA2110Last Updated Date:09/12/03

Year: 2003

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:VOMTons per Year:17.99362Last Updated By:EPA2110Last Updated Date:09/12/03

Year: 2003

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:NH3Tons per Year:0.70963Last Updated By:EPA2110Last Updated Date:09/12/03

Year: 2003

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: NOX
Tons per Year: 9.50000
Last Updated By: EPA2499
Last Updated Date: 06/03/04

Year: 2003

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PART Tons per Year: 1.13818
Last Updated By: EPA2499
Last Updated Date: 06/03/04

Year: 2003

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: SO2
Tons per Year: 0

Last Updated By: EPA2499 Last Updated Date: 06/03/04

Year: 2003

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: CO Tons per Year: 7.98000

Last Updated By: EPA2499
Last Updated Date: 06/03/04

Direction Distance Elevation

vation Site Database(s) EPA ID Number

ROCK-TENN CO (Continued)

1000612323

EDR ID Number

Year: 2003

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: NH3
Tons per Year: 0.70963
Last Updated By: EPA2499
Last Updated Date: 06/03/04

Year: 2003

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: VOM Tons per Year: 2.21000 Last Updated By: EPA2499 Last Updated Date: 06/03/04

Year: 2003

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PM10
Tons per Year: 1.13818
Last Updated By: EPA2499
Last Updated Date: 06/03/04

Year: 2002

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PM10
Tons per Year: 1.13818
Last Updated By: EPA2499
Last Updated Date: 06/02/03

Year: 2002

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:NH3Tons per Year:0.70963Last Updated By:EPA2110Last Updated Date:11/19/02

Year: 2002

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:VOMTons per Year:18Last Updated By:EPA2110Last Updated Date:11/19/02

Year: 2002

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:PM10Tons per Year:1.13818Last Updated By:EPA2110Last Updated Date:11/19/02

Year: 2002

Direction Distance Elevation

tance EDR ID Number vation Site Database(s) EPA ID Number

ROCK-TENN CO (Continued)

1000612323

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:SO2Tons per Year:0Last Updated By:EPA2110Last Updated Date:11/19/02

Year: 2002

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:COTons per Year:22Last Updated By:EPA2110Last Updated Date:11/19/02

Year: 2002

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:NOXTons per Year:26.27600Last Updated By:EPA2110Last Updated Date:11/19/02

Year: 2002

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: NH3
Tons per Year: 0.70963
Last Updated By: EPA2499
Last Updated Date: 06/02/03

Year: 2002

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: VOM
Tons per Year: 1.94000
Last Updated By: EPA2499
Last Updated Date: 06/02/03

Year: 2002

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: NOX
Tons per Year: 9.48000
Last Updated By: EPA2499
Last Updated Date: 06/02/03

Year: 2002

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: SO2
Tons per Year: 0
Last Updated By: EPA2499
Last Updated Date: 06/02/03

Year: 2002

Emissions Type: Facility Reported

MAP FINDINGS Map ID

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

ROCK-TENN CO (Continued)

1000612323

Id Num: Not reported Pollutant Code: CO Tons per Year: 7.96000 Last Updated By: EPA2499 Last Updated Date: 06/02/03

2002 Year:

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: **PART** Tons per Year: 1.13818 Last Updated By: EPA2499 Last Updated Date: 06/02/03

Year:

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num: Not reported Pollutant Code: **PART** Tons per Year: 1.13818 Last Updated By: EPA2110 Last Updated Date: 11/19/02

2001 Year:

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num: Not reported Pollutant Code: VOM Tons per Year: 20.55167 Last Updated By: EPA2110 Last Updated Date: 09/24/99

2001 Year:

Emissions Type: IEPA Estimated Emissions (tons per year)

Not reported Id Num: Pollutant Code: SO2 Tons per Year: 0 Last Updated By: EPA2110 Last Updated Date: 09/24/99

Year: 2001

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num: Not reported Pollutant Code: CO Tons per Year: 38.59200

Last Updated By: EPA2110 Last Updated Date: 09/24/99

Year:

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num: Not reported Pollutant Code: NOX Tons per Year: 58.75642 Last Updated By: EPA2110 Last Updated Date: 09/24/99

Year: 2001

Emissions Type: Facility Reported Id Num: Not reported

Direction Distance Elevation

n Site Database(s) EPA ID Number

ROCK-TENN CO (Continued)

1000612323

EDR ID Number

Pollutant Code: CO
Tons per Year: 3.75000
Last Updated By: EPA2499
Last Updated Date: 07/08/02

Year: 2001

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: NOX
Tons per Year: 13.84000
Last Updated By: EPA2499
Last Updated Date: 07/08/02

Year: 2001

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: VOM
Tons per Year: 2.22000
Last Updated By: EPA2499
Last Updated Date: 07/08/02

Year: 2001

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: SO2
Tons per Year: 0
Last Updated By: EPA2499
Last Updated Date: 07/08/02

Year: 2000

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: CO Tons per Year: 3.97000 Last Updated By: EPA2499 Last Updated Date: 05/22/01

Year: 2000

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: NOX
Tons per Year: 15
Last Updated By: EPA2499
Last Updated Date: 05/22/01

Year: 2000

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:VOMTons per Year:20.55167Last Updated By:EPA2110Last Updated Date:09/24/99

Year: 2000

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: VOM

Direction Distance

Elevation Site Database(s) EPA ID Number

ROCK-TENN CO (Continued)

1000612323

EDR ID Number

Tons per Year: 0.41000
Last Updated By: EPA2499
Last Updated Date: 05/22/01

Year: 2000

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:SO2Tons per Year:0Last Updated By:EPA2110Last Updated Date:09/24/99

Year: 2000

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:NOXTons per Year:58.75642Last Updated By:EPA2110Last Updated Date:09/24/99

Year: 2000

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:COTons per Year:38.59200Last Updated By:EPA2110Last Updated Date:09/24/99

Year: 2000

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: SO2
Tons per Year: 0
Last Updated By: EPA2499
Last Updated Date: 05/22/01

Year: 1999

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: SO2

Tons per Year: 0
Last Updated By: EPA2499
Last Updated Date: 03/07/00

Year: 1999

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:SO2Tons per Year:0Last Updated By:EPA2110Last Updated Date:09/24/99

Year: 1999

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PART Tons per Year: 1.21300

Direction Distance Elevation

evation Site Database(s) EPA ID Number

ROCK-TENN CO (Continued)

1000612323

EDR ID Number

Last Updated By: EPA2499
Last Updated Date: 03/07/00

Year: 1999

Emissions Type: Facility Reported Id Num: Not reported VOM
Pollutant Code: VOM
Tons per Year: 2.66000
Last Updated By: EPA2499
Last Updated Date: 03/07/00

Year: 1999

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: NOX
Tons per Year: 15.71000
Last Updated By: EPA2499
Last Updated Date: 03/07/00

Year: 1999

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:COTons per Year:38.59200Last Updated By:EPA2110Last Updated Date:09/24/99

Year: 1999

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:VOMTons per Year:20.55167Last Updated By:EPA2110Last Updated Date:09/24/99

Year: 1999

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: CO Tons per Year: 4.31000 EpA2499 Last Updated Date: 03/07/00

Year: 1999

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:
Pollutant Code:
NOX
Tons per Year:
Last Updated By:
Last Updated Date:
Nox
EPA2110
09/24/99

Year: 1998

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:NOXTons per Year:69.41170Last Updated By:Not reported

Distance

Elevation Site Database(s) EPA ID Number

ROCK-TENN CO (Continued)

1000612323

EDR ID Number

Last Updated Date: / /

Year: 1998

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:VOMTons per Year:21.27510Last Updated By:Not reported

Last Updated Date: //

Year: 1998

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:COTons per Year:44.54800Last Updated By:Not reported

Last Updated Date: / /

Year: 1998

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num: Not reported Pollutant Code: PART Tons per Year: 1

Last Updated By: Not reported

Last Updated Date: //

Year: 1998

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: NOX
Tons per Year: 12.43000
Last Updated By: Not reported

Last Updated Date: / /

Year: 1998

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: VOM Tons per Year: 0.40000
Last Updated By: Not reported

Last Updated Date: / /

Year: 1998

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PART Tons per Year: 1.21300 Not reported

Last Updated Date: / /

Year: 1998

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: SO2

Pollutant Code: SO
Tons per Year: 0

Last Updated By: Not reported

Last Updated Date: / /

Direction Distance Elevation

tance EDR ID Number evation Site Database(s) EPA ID Number

ROCK-TENN CO (Continued)

Year: 1998

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: CO
Tons per Year: 3.40000
Last Updated By: Not reported

Last Updated Date: //

Year: 1997

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:COTons per Year:44.54800Last Updated By:Not reported

Last Updated Date: / /

Year: 1997

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PART Tons per Year: 1.36190 Last Updated By: Not reported

Last Updated Date: / /

Year: 1997

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: SO2
Tons per Year: 0

Last Updated By: Not reported

Last Updated Date: / /

Year: 1997

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: NOX
Tons per Year: 16.84260
Last Updated By: Not reported

Last Updated Date: / /

Year: 1997

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:NOXTons per Year:69.41170Last Updated By:Not reported

Last Updated Date: / /

Year: 1997

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: CO
Tons per Year: 6.49270
Last Updated By: Not reported

Last Updated Date: /

Year: 1997

1000612323

Direction Distance Elevation

tion Site Database(s) EPA ID Number

ROCK-TENN CO (Continued)

1000612323

EDR ID Number

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: VOM Tons per Year: 1.43280 Last Updated By: Not reported

Last Updated Date: / /

Year: 1997

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num: Not reported Pollutant Code: PART Tons per Year: 1

Last Updated By: Not reported

Last Updated Date: / /

Year: 1997

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:VOMTons per Year:21.27510Last Updated By:Not reported

Last Updated Date: / /

Year: 1996

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: VOM Tons per Year: 1.10800
Last Updated By: Not reported

Last Updated Date: / /

Year: 1996

Emissions Type: Facility Reported Id Num: Not reported

Pollutant Code: CO Tons per Year: 5

Last Updated By: Not reported

Last Updated Date: / /

Year: 1996

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PART Tons per Year: 1

Last Updated By: Not reported

Last Updated Date: / /

Year: 1996

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: SO2 Tons per Year: 0

Last Updated By: Not reported

Last Updated Date: / /

Year: 1996

Emissions Type: Facility Reported

Direction Distance

Elevation Site Database(s) EPA ID Number

ROCK-TENN CO (Continued)

1000612323

EDR ID Number

Id Num:Not reportedPollutant Code:NOXTons per Year:13

Last Updated By: Not reported

Last Updated Date: / /

Year: 1996

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:PARTTons per Year:1

Last Updated By: Not reported

Last Updated Date: //

Year: 1996

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:COTons per Year:44.54800Last Updated By:Not reported

Last Updated Date: / /

Year: 1996

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num: Not reported Pollutant Code: NOX
Tons per Year: 69.41170
Last Updated By: Not reported

Last Updated Date: /

Year: 1996

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:VOMTons per Year:14.90660Last Updated By:Not reported

Last Updated Date: //

Year: 1995

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:NOXTons per Year:69.41170Last Updated By:Not reported

Last Updated Date: / /

Year: 1995

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: CO
Tons per Year: 18.54000
Last Updated By: Not reported

Last Updated Date: / /

Year: 1995

Emissions Type: Facility Reported Id Num: Not reported

Distance
Elevation Site

ation Site Database(s) EPA ID Number

ROCK-TENN CO (Continued)

Pollutant Code: SO2 Tons per Year: 0

Last Updated By: Not reported

Last Updated Date: //

Year: 1995

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: VOM Tons per Year: 5.87000 Last Updated By: Not reported

Last Updated Date: / /

Year: 1995

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num: Not reported Pollutant Code: PART Tons per Year: 1

Last Updated By: Not reported

Last Updated Date: / /

Year: 1995

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:COTons per Year:44.54800Last Updated By:Not reported

Last Updated Date: / /

Year: 1995

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:VOMTons per Year:14.90660Last Updated By:Not reported

Last Updated Date: / /

Year: 1995

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: NOX
Tons per Year: 30

Last Updated By: Not reported

Last Updated Date: / /

Year: 1995

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: PART Tons per Year: 0.68000 Last Updated By: Not reported

Last Updated Date: /

Year: 1994

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num: Not reported Pollutant Code: VOM

EDR ID Number

1000612323

Distance

Elevation Site Database(s) EPA ID Number

ROCK-TENN CO (Continued)

1000612323

EDR ID Number

Tons per Year: 84

Last Updated By: Not reported

Last Updated Date: //

Year: 1994

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:NOXTons per Year:204Last Updated By:Not reported

Last Updated Date: //

Year: 1994

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: CO
Tons per Year: 20.80000
Last Updated By: Not reported

Last Updated Date: / /

Year: 1994

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: SO2
Tons per Year: 0

Last Updated By: Not reported

Last Updated Date: / /

Year: 1994

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: VOM Tons per Year: 7.24000 Last Updated By: Not reported

Last Updated Date: / /

Year: 1994

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: NOX
Tons per Year: 29.80000
Last Updated By: Not reported

Last Updated Date: / /

Year: 1994

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:SO2Tons per Year:4.10400Last Updated By:Not reported

Last Updated Date: / /

Year: 1994

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:COTons per Year:25.83360

MAP FINDINGS Map ID Direction

Distance

Elevation Site Database(s) **EPA ID Number**

ROCK-TENN CO (Continued)

1000612323

EDR ID Number

Last Updated By: Not reported

Last Updated Date: / /

1993 Year:

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num: Not reported Pollutant Code: VOM Tons per Year: 84

Last Updated By: Not reported

Last Updated Date:

1993 Year:

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num: Not reported Pollutant Code: SO2 4.10400 Tons per Year: Last Updated By: Not reported

Last Updated Date:

1993 Year:

Facility Reported **Emissions Type:** Id Num: Not reported Pollutant Code: NOX Tons per Year: 38.70000 Last Updated By: Not reported

Last Updated Date: / /

Year:

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num: Not reported Pollutant Code: CO Tons per Year: 25.83360 Last Updated By: Not reported

Last Updated Date: / /

Year: 1993

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: CO 26.30000 Tons per Year: Last Updated By: Not reported

Last Updated Date: / /

1993 Year:

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: SO2

Tons per Year:

Last Updated By: Not reported

Last Updated Date: / /

Year: 1993

Emissions Type: Facility Reported Id Num: Not reported VOM Pollutant Code: Tons per Year: 9.13000 Last Updated By: Not reported

Direction Distance Elevation

n Site Database(s) EPA ID Number

ROCK-TENN CO (Continued)

1000612323

EDR ID Number

Last Updated Date: / /

Year: 1993

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:NOXTons per Year:204Last Updated By:Not reported

Last Updated Date: //

Year: 1992

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: SO2
Tons per Year: 4.10400
Last Updated By: Not reported

Last Updated Date: / /

Year: 1992

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: VOM Tons per Year: 8.28000 Last Updated By: Not reported

Last Updated Date: //

Year: 1992

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: CO Tons per Year: 3.44000 Last Updated By: Not reported

Last Updated Date: / /

Year: 1992

Emissions Type: Facility Reported Id Num: Not reported Pollutant Code: NOX
Tons per Year: 4

Last Updated By: Not reported

Last Updated Date: //

Year: 1992

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:VOMTons per Year:84

Last Updated By: Not reported

Last Updated Date: / /

Year: 1992

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:COTons per Year:25.83360Last Updated By:Not reported

Last Updated Date: //

Direction Distance

Distance Elevation Site EDR ID Number

Database(s) EPA ID Number

ROCK-TENN CO (Continued) 1000612323

Year: 1992

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num:Not reportedPollutant Code:NOXTons per Year:204Last Updated By:Not reported

Last Updated Date: / /

Year: 1992

Emissions Type: IEPA Estimated Emissions (tons per year)

Id Num: Not reported Pollutant Code: SO2
Tons per Year: 4.10400
Last Updated By: Not reported

Last Updated Date: / /

O96 AURORA PAPERBOARD DIV DAVEY CO UST U002113037
West 705 N FARNSWORTH AVE N/A

> 1 AURORA, IL 60507

1.231 mi.

6500 ft. Site 5 of 5 in cluster O

Relative: UST:

Lower Facility ID: 2019893

Facility Status: Closed
Actual: Facility Type: None
699 ft. Owner Name: Aurora

Owner Name: Aurora Paperboard Div Davey Co

Owner Id: U0000979

Owner Address: 705 N Farnsworth Ave Owner City,St,Zip: Aurora, IL 60507

Tank Number: 7500 Tank Capacity: Diesel Fuel Tank Substance: Last Used Date: 6/1/1990 **OSFM First Notify Date:** 5/8/1986 **Tank Status:** Removed Red Tag Issue Date: Not reported Install Date: Not reported **Green Tag Decal:** Not reported **Green Tag Issue Date:** Not reported **Green Tag Expire Date:** Not reported Self Service Permit Inspection Date:Not reported **Self Service Permit Expire Date:** Not reported Fee Due: Not reported

Tank Number: 2 Tank Capacity: 15000 Diesel Fuel Tank Substance: Last Used Date: Not reported 5/8/1986 **OSFM First Notify Date:** Tank Status: Removed Red Tag Issue Date: Not reported Install Date: Not reported **Green Tag Decal:** Not reported **Green Tag Issue Date:** Not reported **Green Tag Expire Date:** Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

AURORA PAPERBOARD DIV DAVEY CO (Continued)

U002113037

TIER 2

EDR ID Number

Self Service Permit Inspection Date:Not reported
Self Service Permit Expire Date: Not reported
Fee Due: Not reported

Tank Number: 15000 Tank Capacity: Tank Substance: Diesel Fuel Not reported Last Used Date: **OSFM First Notify Date:** 5/8/1986 Tank Status: Removed Not reported Red Tag Issue Date: Install Date: Not reported **Green Tag Decal:** Not reported **Green Tag Issue Date:** Not reported **Green Tag Expire Date:** Not reported Self Service Permit Inspection Date:Not reported **Self Service Permit Expire Date:** Not reported Fee Due: Not reported

P97 SPEEDWAY 7540 RCRA-CESQG 1000326039
WNW 948 N FARNSWORTH RD FINDS ILD984783142
> 1 AURORA, IL 60505 LUST

> 1 AURORA, IL 60505 1.242 mi.

6559 ft. Site 1 of 5 in cluster P

Relative: RCRA-CESQG:
Lower Date form received by agency: 02/28/2007

Facility name: SPEEDWAY 7540

Actual: Facility address: 948 N FARNSWORTH RD

03 ft. AURORA, IL 60505 EPA ID: ILD984783142

Mailing address: PO BOX 1500

SPRINGFIELD, OH 45501

Contact: CHARLES A BESSE
Contact address: 948 N FARNSWORTH RD

AURORA, IL 60505

Contact country: US

Contact telephone: (937) 863-6272

Contact email: CABESSE@SSALLC.COM

EPA Region: 05

Classification: Conditionally Exempt Small Quantity Generator

Description: Handler: generates 100 kg or less of hazardous waste per calendar

month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from

the cleanup of a spill, into or on any land or water, of acutely

hazardous waste

Map ID MAP FINDINGS Direction

Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

SPEEDWAY 7540 (Continued) 1000326039

Owner/Operator Summary:

SPEEDWAY SUPERAMERICA LLC Owner/operator name:

Owner/operator address: PO BOX 1500

SPRINGFIELD, OH 45501

Owner/operator country: US

Owner/operator telephone: Not reported Legal status: Private Owner/Operator Type: Owner Owner/Op start date: 01/01/1998 Owner/Op end date: Not reported

SPEEDWAY SUPERAMERICA LLC Owner/operator name:

Owner/operator address: PO BOX 1500

SPRINGFIELD, OH 45501

Owner/operator country: US

Owner/operator telephone: Not reported Legal status: Private Owner/Operator Type: Operator Owner/Op start date: 01/01/1998 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): No Recycler of hazardous waste: No Transporter of hazardous waste: Nο Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: No Furnace exemption: No Used oil fuel burner: No Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: No Used oil transporter: No

Off-site waste receiver: Verified to be non-commercial

Historical Generators:

Date form received by agency: 04/09/1990 Facility name: SPEEDWAY 7540

Site name: **EMRO MARKETING NO 7540** Classification: Small Quantity Generator

Hazardous Waste Summary:

Waste code: D001

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF

LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT

WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

MAP FINDINGS Map ID

Direction Distance

Elevation Site Database(s) **EPA ID Number**

SPEEDWAY 7540 (Continued)

1000326039

EDR ID Number

Waste code: D018 BENZENE Waste name:

No violations found Violation Status:

FINDS:

110005872573 Registry ID:

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and

corrective action activities required under RCRA.

LUST:

910388 Incident Num: IL EPA Id: 0894075147 Product: Gasoline 2/15/1991 IEMA Date: Project Manager: Putrich

Project Manager Phone: (217) 524-4827

Email: Steve.Putrich@illinois.gov

PRP Name: **Emro Marketing** PRP Contact: R.G. Schumann PRP Address: P.O. Box 162

PRP City,St,Zip: East Hazel Crest, IL 60429-0162

PRP Phone: Not reported Site Classification: Not reported Section 57.5(g) Letter: 731 Non LUST Determination Letter: 2/14/1997 20 Report Received: Not reported 45 Report Received: Not reported Section 57.5(g) Letter: Not reported NFA/NFR Letter: Not reported NFR Date Recorded: Not reported

Incident Num: 920832 IL EPA Id: 0894075147 Product: Gasoline IEMA Date: 3/31/1992 Project Manager: Putrich

Project Manager Phone: (217) 524-4827

Email: Steve.Putrich@illinois.gov

PRP Name: **Emro Marketing** PRP Contact: R.G. Schumann PRP Address: P.O. Box 162

PRP City, St, Zip: East Hazel Crest, IL 60429-0162

PRP Phone: Not reported Site Classification: Not reported Section 57.5(g) Letter: 731

Non LUST Determination Letter: Not reported 4/15/1992 20 Report Received: 45 Report Received: 12/5/1996

Direction Distance

Elevation Site Database(s) EPA ID Number

SPEEDWAY 7540 (Continued)

1000326039

EDR ID Number

Section 57.5(g) Letter: Not reported NFA/NFR Letter: Not reported NFR Date Recorded: Not reported

 Incident Num:
 960794

 IL EPA Id:
 0894075147

 Product:
 Deisel

 IEMA Date:
 5/10/1996

 Project Manager:
 Putrich

 Project Manager Phone:
 (217) 524-4827

Email: Steve.Putrich@illinois.gov

PRP Name: Emro Marketing
PRP Contact: R.G. Schumann
PRP Address: P.O. Box 162

PRP City,St,Zip: East Hazel Crest, IL 60429-0162

PRP Phone: Not reported Not reported Site Classification: Section 57.5(g) Letter: 732 Non LUST Determination Letter: 6/25/1996 Not reported 20 Report Received: 45 Report Received: Not reported Section 57.5(g) Letter: Not reported NFA/NFR Letter: Not reported NFR Date Recorded: Not reported

TIER 2:

Corporate Name: Speedway SuperAmerica, LLC

Latitude: 41.776462000000002 Longitude: -88.28190399999988

Chemical Name: GASOLINE
CAS Number: 86290815
Max Daily Range: 100,000 - 999,999

Year: 2008

Corporate Name: Speedway SuperAmerica, LLC

Latitude: 41.776462000000002 Longitude: -88.281903999999898

 Chemical Name:
 DIESEL

 CAS Number:
 68476302

 Max Daily Range:
 10,000 - 99,999

Year: 2008

P98 SPEEDWAY SUPERAMERICA LUST S104530273
WNW 948 NORTH FARNSWORTH RD. N/A

> 1 AURORA, IL 60505

1.242 mi.

6559 ft. Site 2 of 5 in cluster P

Relative: LUST:

 Lower
 Incident Num:
 20001961

 IL EPA Id:
 0894075147

 Actual:
 Product:
 Gasoline

 703 ft.
 IEMA Date:
 10/13/2000

 Project Manager:
 NOT ASSIGN

Project Manager: NOT ASSIGNED
Project Manager Phone: Not reported
Email: Not reported

PRP Name: Speedway SuperAmerica

Direction Distance

Elevation Site Database(s) EPA ID Number

SPEEDWAY SUPERAMERICA (Continued)

S104530273

EDR ID Number

PRP Contact: Melissa Frazer PRP Address: 600 Speedway Dr. PRP City,St,Zip: Enon, OH 45323 PRP Phone: 9378643000 Site Classification: Not reported Section 57.5(g) Letter: 732 Non LUST Determination Letter: 12/1/2000 20 Report Received: Not reported 45 Report Received: Not reported Section 57.5(g) Letter: Not reported Not reported NFA/NFR Letter: NFR Date Recorded: Not reported

 Incident Num:
 20012042

 IL EPA Id:
 0894075147

 Product:
 Gasoline

 IEMA Date:
 12/13/2001

 Project Manager:
 Putrich

 Project Manager Phone:
 (217) 524-4827

Email: Steve.Putrich@illinois.gov PRP Name: Speedway SuperAmerica

PRP Contact: Janice Campbell
PRP Address: P.O. Box 1500
PRP City, St, Zip: Springfield, OH 45501

PRP Phone: 9378637722 Site Classification: Not reported Section 57.5(g) Letter: 732 Non LUST Determination Letter: 2/14/2002 20 Report Received: Not reported 45 Report Received: Not reported Section 57.5(g) Letter: Not reported NFA/NFR Letter: Not reported NFR Date Recorded: Not reported

 Incident Num:
 980611

 IL EPA Id:
 0894075147

 Product:
 Unleaded Gas

 IEMA Date:
 3/20/1998

 Project Manager:
 Putrich

 Project Manager Phone:
 (217) 524-4827

Email: Steve.Putrich@illinois.gov PRP Name: Speedway SuperAmerica

PRP Contact: Dan Strubel

PRP Address: Post Office Box 1500
PRP City,St,Zip: Springfield, OH 45501
PRP Phone: 9378643000

Site Classification: Not reported Section 57.5(g) Letter: 732 Non LUST Determination Letter: Not reported 3/25/1998 20 Report Received: 5/4/1998 45 Report Received: Section 57.5(g) Letter: Not reported NFA/NFR Letter: Not reported NFR Date Recorded: Not reported

Incident Num: 992822 IL EPA Id: 0894075147

Direction Distance

Elevation Site Database(s) EPA ID Number

SPEEDWAY SUPERAMERICA (Continued)

S104530273

EDR ID Number

Product: Gasoline, Deisel
IEMA Date: 12/23/1999
Project Manager: Davis
Project Manager Phone: (217) 785-7492

Email: Valerie.A.Davis@illinois.gov PRP Name: Speedway SuperAmerica

PRP Contact: Dan Strubel

PRP Address: Post Office Box 1500 PRP City,St,Zip: Springfield, OH 45501

PRP Phone: 9378643000 Not reported Site Classification: Section 57.5(g) Letter: 732 Non LUST Determination Letter: 6/2/2000 20 Report Received: Not reported 45 Report Received: Not reported Section 57.5(g) Letter: Not reported NFA/NFR Letter: Not reported NFR Date Recorded: Not reported

P99 SPEEDWAY 7540 UST U004128090 WNW 948 NORTH FARNSWORTH ROAD N/A

> 1 AURORA, IL 60504

1.242 mi.

6559 ft. Site 3 of 5 in cluster P

Relative: UST:

Lower Facility ID: 2014573 Facility Status: Active

Actual: Facility Type: Self-Service Station

703 ft. Owner Name: Speedway SuperAmerica, LLC

Owner Id: U0026552
Owner Address: P.O. Box 1500

Owner City, St, Zip: Springfield, OH 455011500

Tank Number: 1
Tank Capacity: 10000
Tank Substance: Gasoline
Last Used Date: Not reported
OSFM First Notify Date: 6/8/1993

Tank Status:

Red Tag Issue Date:
Install Date:
Oren Tag Decal:
Green Tag Issue Date:
Oren Tag Issue Date:
Oren Tag Issue Date:
Oren Tag Issue Date:
Oren Tag Expire Date:
Oren Tag Issue Date:

Fee Due: No

Tank Number: 10
Tank Capacity: 550
Tank Substance: Not reported
Last Used Date: 1/1/1974
OSFM First Notify Date: 4/18/1986

Tank Status: Exempt from registration

Red Tag Issue Date: Not reported Install Date: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

SPEEDWAY 7540 (Continued)

U004128090

EDR ID Number

Green Tag Decal: J000540
Green Tag Issue Date: 7/31/2008
Green Tag Expire Date: 12/31/2010
Self Service Permit Inspection Date:8/22/2008
Self Service Permit Expire Date: 12/31/2010
Fee Due: Not reported

Tank Number: 2
Tank Capacity: 10000
Tank Substance: Gasoline
Last Used Date: Not reported
OSFM First Notify Date: 6/8/1993
Tank Status: Currently in use

Red Tag Issue Date:
Not reported
7/1/1992
Green Tag Decal:
Green Tag Issue Date:
7/31/2008
Green Tag Expire Date:
7/31/2010
Self Service Permit Inspection Date:8/22/2008
Self Service Permit Expire Date:
No

Tank Number: 3 Tank Capacity: 12000 Tank Substance: Gasoline Last Used Date: Not reported OSFM First Notify Date: 6/8/1993 Tank Status: Currently in use Red Tag Issue Date: Not reported Install Date: 7/1/1992 **Green Tag Decal:** J000540 **Green Tag Issue Date:** 7/31/2008 12/31/2010 **Green Tag Expire Date:** Self Service Permit Inspection Date:8/22/2008

12/31/2010

Fee Due: No

Self Service Permit Expire Date:

Tank Number: 4 10000 Tank Capacity: Tank Substance: Diesel Fuel Last Used Date: Not reported 6/8/1993 **OSFM First Notify Date:** Tank Status: Currently in use Red Tag Issue Date: Not reported Install Date: 7/1/1992 **Green Tag Decal:** J000540 Green Tag Issue Date: 7/31/2008 **Green Tag Expire Date:** 12/31/2010 Self Service Permit Inspection Date:8/22/2008 **Self Service Permit Expire Date:** 12/31/2010

Fee Due: No

Tank Number: 5

Direction Distance Elevation

levation Site Database(s) EPA ID Number

SPEEDWAY 7540 (Continued)

U004128090

EDR ID Number

Tank Capacity: 6000 Tank Substance: Gasoline 6/1/1992 Last Used Date: **OSFM First Notify Date:** 3/13/1987 Tank Status: Removed Red Tag Issue Date: Not reported Install Date: 1/1/1969 **Green Tag Decal:** J000540 Green Tag Issue Date: 7/31/2008 **Green Tag Expire Date:** 12/31/2010 Self Service Permit Inspection Date:8/22/2008 12/31/2010 **Self Service Permit Expire Date:** Fee Due: No

Tank Number: 6 6000 Tank Capacity: Tank Substance: Gasoline Last Used Date: 6/1/1992 OSFM First Notify Date: 3/13/1987 Tank Status: Removed Red Tag Issue Date: Not reported Install Date: 1/1/1969 **Green Tag Decal:** J000540 **Green Tag Issue Date:** 7/31/2008 **Green Tag Expire Date:** 12/31/2010 Self Service Permit Inspection Date:8/22/2008

12/31/2010

No

Fee Due: No

Self Service Permit Expire Date:

Fee Due:

Tank Number: 7 Tank Capacity: 8000 Tank Substance: Gasoline Last Used Date: 6/1/1992 3/13/1987 OSFM First Notify Date: **Tank Status:** Removed Red Tag Issue Date: Not reported Install Date: 1/1/1969 **Green Tag Decal:** J000540 **Green Tag Issue Date:** 7/31/2008 **Green Tag Expire Date:** 12/31/2010 Self Service Permit Inspection Date:8/22/2008 **Self Service Permit Expire Date:** 12/31/2010

Tank Number: Tank Capacity: 4000 Diesel Fuel Tank Substance: Last Used Date: 6/1/1992 **OSFM First Notify Date:** 3/13/1987 **Tank Status:** Removed Red Tag Issue Date: Not reported Install Date: 1/1/1979 J000540 Green Tag Decal: **Green Tag Issue Date:** 7/31/2008

Direction Distance

EDR ID Number Elevation Site **EPA ID Number** Database(s)

SPEEDWAY 7540 (Continued) U004128090

Green Tag Expire Date: 12/31/2010 Self Service Permit Inspection Date:8/22/2008 **Self Service Permit Expire Date:** 12/31/2010

Fee Due: No

Tank Number: 9 Tank Capacity: 10000 Tank Substance: Gasoline Last Used Date: 6/1/1992 **OSFM First Notify Date:** 3/13/1987 Tank Status: Removed Red Tag Issue Date: Not reported Install Date: 1/1/1979 **Green Tag Decal:** J000540 **Green Tag Issue Date:** 7/31/2008 12/31/2010 **Green Tag Expire Date:** Self Service Permit Inspection Date:8/22/2008 **Self Service Permit Expire Date:** 12/31/2010

Fee Due: No

P100 **VILLAGE MART ONE HOUR CLEANERS** RCRA-CESQG 1000276249 WNW 950 N FARNSWORTH AVE **FINDS** ILD981192560

AURORA, IL 60505 > 1

1.243 mi.

6562 ft. Site 4 of 5 in cluster P

RCRA-CESQG: Relative:

Date form received by agency: 05/13/1998 Lower Facility name:

VILLAGE MART ONE HOUR CLEANERS Actual: Facility address: 950 N FARNSWORTH AVE

703 ft. AURORA, IL 60606

EPA ID: ILD981192560 VICTOR GONZALES Contact: Contact address: 950 N FARNSWORTH AVE

AURORA, IL 60505

Contact country: US

(708) 851-5757 Contact telephone: Contact email: Not reported

EPA Region: 05 Land type: Private

Classification: Conditionally Exempt Small Quantity Generator

Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time;

or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from

the cleanup of a spill, into or on any land or water, of acutely

hazardous waste

Map ID MAP FINDINGS Direction

Distance Elevation

Site Database(s) **EPA ID Number**

VILLAGE MART ONE HOUR CLEANERS (Continued)

1000276249

EDR ID Number

Owner/Operator Summary:

GONZALES VICTOR Owner/operator name: Owner/operator address: 950 N FRANSWORTH

AURORA, IL 60506

Owner/operator country: Not reported Owner/operator telephone: (708) 851-5757

Legal status: Private Owner/Operator Type: Owner Owner/Op start date: Not reported Owner/Op end date: Not reported

GONZALES VICTOR Owner/operator name: Owner/operator address: 950 N FRANSWORTH AURORA, IL 60506

Owner/operator country: Not reported Owner/operator telephone: (708) 851-5757 Legal status: Private

Owner/Operator Type: Owner Owner/Op start date: 01/01/0001 Owner/Op end date: Not reported

Owner/operator name: NAME NOT REPORTED Owner/operator address: ADDRESS NOT REPORTED CITY NOT REPORTED, AK 99998

Not reported

Owner/operator country: Owner/operator telephone: (312) 555-1212 Legal status: Private Owner/Operator Type: Operator Owner/Op start date: Not reported Owner/Op end date: Not reported

Owner/operator name: NAME NOT REPORTED Owner/operator address: ADDRESS NOT REPORTED CITY NOT REPORTED, AK 99998

Owner/operator country: Not reported Owner/operator telephone: (312) 555-1212 Legal status: Private Owner/Operator Type: Operator

Owner/Op start date: 01/01/0001 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown Unknown Mixed waste (haz. and radioactive): Recycler of hazardous waste: No Transporter of hazardous waste: No Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: Unknown Furnace exemption: Unknown Used oil fuel burner: No Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: No

Direction Distance

Elevation Site Database(s) EPA ID Number

VILLAGE MART ONE HOUR CLEANERS (Continued)

1000276249

EDR ID Number

Used oil transporter: No

Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 11/19/1996

Facility name: VILLAGE MART ONE HOUR CLEANERS

Classification: Small Quantity Generator

Hazardous Waste Summary:

Waste code: D039

Waste name: TETRACHLOROETHYLENE

Waste code: F002

Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE,

METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE,

CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND

1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND

SPENT SOLVENT MIXTURES.

Waste code: D000
Waste name: Not Defined

Waste code: D039

Waste name: TETRACHLOROETHYLENE

Waste code: F002

Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE,

METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE,

CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND

1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND

SPENT SOLVENT MIXTURES.

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 05/13/1998

Evaluation: COMPLIANCE ASSISTANCE VISIT

Area of violation:

Date achieved compliance:

Evaluation lead agency:

Not reported

State

Evaluation date: 02/03/1998

Evaluation: COMPLIANCE ASSISTANCE VISIT

Area of violation:

Date achieved compliance:

Evaluation lead agency:

Not reported

State

FINDS:

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

VILLAGE MART ONE HOUR CLEANERS (Continued)

1000276249

Registry ID: 110007534846

Environmental Interest/Information System

ACES (Illinois - Agency Compliance And Enforcement System) is the

Illinois EPA Project to facilitate the permitting operations

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport,

and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA

program staff to track the notification, permit, compliance, and

corrective action activities required under RCRA.

P101 VILLAGE MART ONE HOUR CLEANERS **INST CONTROL** S104491890 950 NORTH FARNSWORTH AVENUE WNW SRP N/A

> 1 AURORA, IL 60504 1.243 mi.

6562 ft. Site 5 of 5 in cluster P

IL INSTUTIONAL CONTROL:

Relative: Illinois EPA Id: 0894075059 Lower

NFR Letter: 11/14/2000 Actual: Date NFR Recorded: 5/17/2001

703 ft. Type Of Site: Industrial/Commercial

> Comprehensive / Focused: Focused Remediation Applicant Title: Mr.

Remediation Applicant Name: Anthony Zirille EIG Village Mart, LLC RA Company: RA Address: 111 East Wayne Street

RA Secondary Address: Suite 500

RA City, St, Zip: Ft. Wayne, IN 46802-Institutional Controls: Groundwater use restriction

Engineered Barriers: Not reported Worker Caution: False Acres: 0.02999

SRP:

IL EPA Id: 0894075059 US EPA Id: ILD981192560 Longitude: -88.28334 Latitude: 41.77745 Contact Name: Anthony Zirille

Contact Address: 111 East Wayne Street

Contact Address2: Suite 500

Contact City, St, Zip: Ft. Wayne, IN 46802-Contact Phone: (219) 426-4704 Date Enrolled: 7/8/2000 Point Of Contact: Michael W. Ander

Consultant Company: **URS**

1707 Golf Road Consultant Address: Consultant Address2: Suite 1000

Consultant City, St, Zip: Rolling Meadows, IL 60008-

(847) 228-0707 Consultant Phone: Proj Mgr Assigned: Mergen Sec. 4 Letter Date: Not reported NFR Recorded: 5/17/2001

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

VILLAGE MART ONE HOUR CLEANERS (Continued)

S104491890

Active: False Total Acres: 0.03

No Further Remediation Letter Dt: 11/14/2000

Remediation Applicant Co: EIG Village Mart, LLC

Remediation Applicant Title: Mr.

Remediation Applicant Name: Mr. Anthony Zirille Remediation Applicant Company: EIG Village Mart, LLC Remediation Applicant Address: 111 East Wayne Street

Remediation Applicant Address 2: Suite 500

Remediation Applicant City, St, Zip: Ft. Wayne, IN 46802-

0894075059 Illinois EPA:

Site Name: Village Mart One Hour Cleaners

NFR Letter: 11/14/2000 NFR Letter Date Recorded: 5/17/2001

Site Type: Industrial/Commercial

Comprehensive/Focused: Focused

Institutional Controls: Groundwater use restriction

Barrier: Not reported Worker Caution: False 0.02999 Acres:

102 **FOX VALLEY PARK DISTRICT #3** IL NIPC S100789651

LUST S104527374

N/A

N/A

> 1 AURORA, IL 1.328 mi.

7014 ft.

SW

Relative:

Higher

Actual: 712 ft. Q103

BICKETT'S CAR WASH

WNW 1160 NORTH FARNSWORTH AVE.

AURORA, IL 60504 > 1

1.359 mi.

7175 ft. Site 1 of 4 in cluster Q

Relative: Higher

712 ft.

LUST:

Actual:

Incident Num: 892626 IL EPA Id: 0894075141 Product: Gasoline 12/13/1989 IEMA Date:

Project Manager: Rominger Project Manager Phone: Not reported Email: Not reported JEFF LITNER PRP Name: PRP Contact: Not reported PRP Address: 736 Greenwood PRP City,St,Zip: Northbrook, IL 60062

PRP Phone: Not reported Site Classification: Not reported Section 57.5(g) Letter: 731

Non LUST Determination Letter: Not reported 20 Report Received: 2/29/1992 2/29/1992 45 Report Received: Section 57.5(g) Letter: Not reported NFA/NFR Letter: 1/27/1994

MAP FINDINGS Map ID

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

BICKETT'S CAR WASH (Continued)

S104527374

NFR Date Recorded: Not reported

U000176886 104 **KARD GAS** LUST **WSW** 1302 PLAIN AVE UST N/A

> 1 AURORA, IL 60505

1.362 mi. 7190 ft.

LUST: Relative:

Incident Num: 982173 Lower IL EPA Id: 0894075999 Actual: Product: Gasoline, Deisel 686 ft. IEMA Date: 8/31/1998 Project Manager: Lowder

> Project Manager Phone: (217) 785-5734

Email: Mike.Lowder@illinois.gov

PRP Name: Kard Gas PRP Contact: Sharon Poss PRP Address: 1302 Plain Ave. PRP City,St,Zip: Aurora, IL 60505 PRP Phone: 6308592120 Site Classification: Not reported

Section 57.5(g) Letter: 732

Not reported Non LUST Determination Letter: 9/25/1998 20 Report Received: 10/29/1998 45 Report Received: Section 57.5(g) Letter: Not reported NFA/NFR Letter: 2/11/1999 NFR Date Recorded: 3/9/1999

UST:

Facility ID: 2017172 Facility Status: Closed Facility Type: **Golf Course** Owner Name: Kard Gas Owner Id: U0012073 Owner Address: 1302 Plain Ave Owner City, St, Zip: Aurora, IL 60505

Tank Number: Tank Capacity: 5000 Tank Substance: Gasoline 8/28/1998 Last Used Date: 3/14/1986 **OSFM First Notify Date: Tank Status:** Removed Red Tag Issue Date: Not reported Install Date: 1/1/1970 Green Tag Decal: Not reported Green Tag Issue Date: Not reported **Green Tag Expire Date:** Not reported Self Service Permit Inspection Date:Not reported Self Service Permit Expire Date: Not reported Fee Due: Not reported

Tank Number: 2 5000 Tank Capacity:

MAP FINDINGS Map ID

Direction Distance

Elevation Site Database(s) **EPA ID Number**

KARD GAS (Continued) U000176886

Tank Substance: Gasoline 8/28/1998 Last Used Date: 3/14/1986 OSFM First Notify Date: Removed **Tank Status:** Red Tag Issue Date: Not reported Install Date: 1/1/1970 Not reported **Green Tag Decal: Green Tag Issue Date:** Not reported **Green Tag Expire Date:** Not reported Self Service Permit Inspection Date:Not reported **Self Service Permit Expire Date:** Not reported Fee Due: Not reported

Tank Number: Tank Capacity: 5000 Diesel Fuel Tank Substance: 8/28/1998 Last Used Date: **OSFM First Notify Date:** 3/14/1986 **Tank Status:** Removed Not reported Red Tag Issue Date: Install Date: 1/1/1970 **Green Tag Decal:** Not reported **Green Tag Issue Date:** Not reported **Green Tag Expire Date:** Not reported Self Service Permit Inspection Date:Not reported **Self Service Permit Expire Date:** Not reported Fee Due: Not reported

105 **CITGO** LUST S104968058 **WSW 420 NORTH FARNSWORTH** N/A

> 1 AURORA, IL 60505

1.365 mi. 7206 ft.

LUST: Relative:

Higher Incident Num: 20010859 IL EPA Id: 0894075871 Actual: Product: Gasoline 710 ft. IEMA Date: 5/18/2001 Project Manager: McGill

PRP Contact:

Project Manager Phone: (217) 524-5137

Email: Scott.McGill@illinois.gov PRP Name: Citgo

Al Olieh PRP Address: 1700 North Farnsworth Ave., Suite 24

PRP City,St,Zip: Aurora, IL 60505 PRP Phone: 6308510024 Site Classification: HIGH 732 Section 57.5(g) Letter:

Non LUST Determination Letter: Not reported 20 Report Received: 6/8/2001 6/29/2001 45 Report Received: Section 57.5(g) Letter: Not reported NFA/NFR Letter: 7/17/2006 NFR Date Recorded: 9/11/2006

EDR ID Number

Direction Distance

Elevation Site Database(s) EPA ID Number

Q106 LUNDGREN DOWLING

WNW 1180 NORTH FARNSWORTH AVENUE

> 1 AURORA, IL 60505

1.375 mi.

7260 ft. Site 2 of 4 in cluster Q

Relative: LUST:

 Higher
 Incident Num:
 20050131

 IL EPA Id:
 0894075821

Actual: Product: Gasoline
711 ft. IEMA Date: 1/25/2005
Project Manager: Kasa

Project Manager Phone: (217) 557-7048

Email: Steve.Kasa@illinois.gov

PRP Name:
PRP Contact:
PRP Address:
PRP City,St,Zip:
PRP Phone:
Not reported

Section 57.5(g) Letter: P.A.

Non LUST Determination Letter: Not reported

 20 Report Received:
 2/14/2005

 45 Report Received:
 3/21/2005

 Section 57.5(g) Letter:
 Not reported

 NFA/NFR Letter:
 10/26/2006

 NFR Date Recorded:
 12/8/2006

Q107 CLARK OIL & REFINING LUST S104522650

WNW 1180 NORTH FARNSWORTH AVENUE > 1 AURORA, IL 60505

1.375 mi.

7260 ft. Site 3 of 4 in cluster Q

Relative: LUST:

 Higher
 Incident Num:
 950562

 IL EPA Id:
 0894075821

 Actual:
 Product:
 Gasoline

 711 ft.
 IEMA Date:
 3/20/1995

711 ft. IEMA Date: 3/20/1995
Project Manager: Putrich
Project Manager Phone: (217) 524-4827

Email: Steve.Putrich@illinois.gov
PRP Name: Clark Oil & Refining
PRP Contact: Maureen Turman

PRP Address: 800 Roosevelt Rd., Bldg. E. Suite 200

PRP City,St,Zip: Glen Ellyn, IL 60137
PRP Phone: Not reported
Site Classification: Not reported

Section 57.5(g) Letter: 732

Non LUST Determination Letter: Not reported 3/23/1995

45 Report Received: 5/4/1995

Section 57.5(g) Letter: Not reported NFA/NFR Letter: 8/19/1997

NFR Date Recorded: 6/11/1998

EDR ID Number

S106781185

N/A

N/A

LUST

MAP FINDINGS Map ID

Direction Distance

Elevation Site Database(s) **EPA ID Number**

Q108 **GOODYEAR TIRE & RUBBER** LUST S104521936 WNW 1175 NORTH FARNSWORTH AVE. N/A

AURORA, IL 60505 > 1

1.380 mi.

7284 ft. Site 4 of 4 in cluster Q

LUST: Relative:

Higher Actual:

710 ft.

Incident Num: 961456 IL EPA Id: 0894075951 Product: Other Petro IEMA Date: 8/15/1996 Project Manager: Putrich

Project Manager Phone: (217) 524-4827

Email: Steve.Putrich@illinois.gov PRP Name: Goodyear Tire & Rubber

PRP Contact: Joe Smerglia PRP Address: 1144 East Market St. PRP City,St,Zip: Akron, OH 44316-0001

PRP Phone: Not reported Site Classification: Not reported Section 57.5(g) Letter: 732

Non LUST Determination Letter: Not reported 20 Report Received: 9/6/1996 45 Report Received: 1/12/1998 Section 57.5(g) Letter: Not reported NFA/NFR Letter: 11/4/1998 NFR Date Recorded: 5/25/1999

LUST S104524294 109 **JERRY YUSIM DATSUN** SW 1542 EAST NEW YORK ST. N/A AURORA, IL 60503

> 1 1.414 mi.

7467 ft.

LUST: Relative:

Incident Num: Higher IL EPA Id:

0894075182 Actual: Product: Uset Oil 719 ft. IEMA Date: 3/26/1992 Project Manager: Dilbaitis

Project Manager Phone: (217) 785-8378

Bradley.Dilbaitis@illinois.gov Email:

920799

PRP Name: Jerry Yusim Datsun Gerald Murphy PRP Contact: PRP Address: 1542 East New York St. PRP City,St,Zip: Aurora, IL 60503

PRP Phone: Not reported Site Classification: Not reported Section 57.5(g) Letter: 731

Non LUST Determination Letter: Not reported 10/18/2005 20 Report Received: 45 Report Received: 3/29/1993 Section 57.5(g) Letter: Not reported NFA/NFR Letter: 1/18/2006 NFR Date Recorded: 4/23/2007

Incident Num: 923452 IL EPA Id: 0894075182 Product: Uset Oil IEMA Date: 12/4/1992

EDR ID Number

Direction Distance

Elevation Site Database(s) EPA ID Number

JERRY YUSIM DATSUN (Continued)

S104524294

LUST

LUST TRUST

S106058510

N/A

EDR ID Number

Project Manager: Dilbaitis
Project Manager Phone: (217) 785-8378

Email: Bradley.Dilbaitis@illinois.gov

PRP Name: Jerry Yusim Datsun
PRP Contact: Jerry Yusim
PRP Address: P.O. Box 4886

PRP City,St,Zip: Naperville, IL 60567-4886

PRP Phone: Not reported
Site Classification: Not reported
Section 57.5(g) Letter: 731
Non LUST Determination Letter: Not reported
20 Report Received: 2/1/1993

 20 Report Received:
 2/1/1993

 45 Report Received:
 10/18/2005

 Section 57.5(g) Letter:
 Not reported

 NFA/NFR Letter:
 1/18/2006

 NFR Date Recorded:
 4/23/2007

110 CONOCO PHILLIPS
WNW 1331 NORTH FARNSWORTH AVENUE

AURORA, IL 60505

> 1 1.452 mi. 7668 ft.

Relative: LUST:

Lower Incident Num: 20031636

Actual: Product: Gasoline
706 ft. IEMA Date: 11/7/2003
Project Manager: Zuehlke

Project Manager Phone: (217) 557-6937

Email: Wayne.Zuehlke@illinois.gov

PRP Name: Not reported
PRP Contact: Not reported
PRP Address: Not reported
PRP City,St,Zip: Not reported
PRP Phone: Not reported
Site Classification: Not reported

Section 57.5(g) Letter: P.A.

Non LUST Determination Letter: Not reported 12/1/2003 45 Report Received: 12/19/2003 Section 57.5(g) Letter: Not reported NFA/NFR Letter: Not reported NFR Date Recorded: Not reported Not reported

LUST TRUST:

Facility Name: AURORA 66 #33

Queue Date: 9/15/2009

Incident Number: 20031636-57407

Amount To Be Paid: 15430.87

Running Total: 46927138.81

Date Approved: 10/27/2009

Pay Assignee: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

 111
 WATER PROD. CO.
 LUST
 \$104524180

 SE
 3255 EAST NEW YORK ST.
 N/A

> 1 1.454 mi. 7680 ft.

Relative: LUST:

AURORA, IL 60507

Higher

Actual:

723 ft.

 Incident Num:
 930138

 IL EPA Id:
 0434075025

 Product:
 Gasoline

 IEMA Date:
 1/14/1993

Project Manager: NOT ASSIGNED Project Manager Phone: Not reported Email: Not reported PRP Name: Water Prod. Co. PRP Contact: Paul Hawkins PRP Address: P.O. Box 50 PRP City,St,Zip: Aurora, IL 60507 PRP Phone: Not reported Site Classification: Not reported Section 57.5(g) Letter: 731

Non LUST Determination Letter: Not reported 20 Report Received: Not reported 45 Report Received: Not reported Section 57.5(g) Letter: Not reported NFA/NFR Letter: Not reported NFR Date Recorded: Not reported

R112 AGRINETICS

SW 1515 EAST NEW YORK ST. > 1 AURORA, IL 60505

1.462 mi.

7717 ft. Site 1 of 2 in cluster R

Relative: LUST:

 Higher
 Incident Num:
 910133

 IL EPA Id:
 0894075788

 Actual:
 Product:
 Gasoline

 720 ft.
 IEMA Date:
 1/15/1991

 Project Manager:
 Irwin

Project Manager Phone: Not reported Not reported Email: PRP Name: Agrinetics PRP Contact: John Gase PRP Address: P.O. Box 151 PRP City,St,Zip: Naperville, IL 60566 PRP Phone: Not reported Site Classification: Not reported

Section 57.5(g) Letter: 731

Non LUST Determination Letter: Not reported 2/29/1992

45 Report Received: 2/29/1992

Section 57.5(g) Letter: Not reported NFA/NFR Letter: 12/6/1991

NFR Date Recorded: Not reported

TC2800629.2s Page 244

LUST S104526296

N/A

EDR ID Number

MAP FINDINGS Map ID

Direction Distance

Elevation Site Database(s) **EPA ID Number**

R113 CARSON, SUSAN LUST S104523281 N/A

SW 1500 EAST NEW YORK ST. AURORA, IL 60505 > 1

1.485 mi.

7839 ft. Site 2 of 2 in cluster R

LUST: Relative:

Higher

Incident Num: 940663 IL EPA Id: 0894075896 Actual: Product: Gasoline 720 ft. IEMA Date: 3/29/1994 Project Manager: Ingold

Project Manager Phone: (217) 782-6762 Not reported Email: PRP Name: Susan Carson PRP Contact: Joan Soderdahl PRP Address: P.O. Box 517 Aurora, IL 60507 PRP City,St,Zip: PRP Phone: Not reported Site Classification: LOW Section 57.5(g) Letter: 732

Non LUST Determination Letter: Not reported 20 Report Received: 4/20/1994 45 Report Received: 5/18/1994 Section 57.5(g) Letter: Not reported NFA/NFR Letter: 1/18/2002 NFR Date Recorded: 5/15/2002

RCRA-SQG 1000135412 114 **FOX VALLEY FORD FINDS** NW 1401 N FARNSWORTH ILD050659655 AURORA, IL 60505 LUST > 1

1.489 mi. 7859 ft.

RCRA-SQG: Relative:

Date form received by agency: 02/11/1988 Higher

Facility name: FOX VALLEY FORD Facility address: 1401 N FARNSWORTH

Actual: 711 ft. AURORA, IL 60505 EPA ID: ILD050659655

FRAN CIRRINCIONE Contact: 1401 N FARNSWORTH Contact address: AURORA, IL 60505

Contact country:

Contact telephone: (312) 820-1500 Contact email: Not reported

EPA Region: 05

Classification: Small Small Quantity Generator

Handler: generates more than 100 and less than 1000 kg of hazardous Description:

waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of

hazardous waste at any time

Owner/Operator Summary:

FOX VALLEY FORD Owner/operator name: Owner/operator address: ADDRESS NOT REPORTED

CITY NOT REPORTED, AK 99998

Owner/operator country: Not reported **EDR ID Number**

Direction Distance

Elevation Site Database(s) EPA ID Number

FOX VALLEY FORD (Continued)

1000135412

EDR ID Number

Owner/operator telephone: (312) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NAME NOT REPORTED
Owner/operator address: ADDRESS NOT REPORTED
CITY NOT REPORTED, AK 99998

Owner/operator country:

Owner/operator telephone:

Legal status:

Owner/Operator Type:

Owner/Op start date:

Owner/Op end date:

Not reported

Not reported

Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): Unknown Recycler of hazardous waste: No Transporter of hazardous waste: Nο Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: No Furnace exemption: No Used oil fuel burner: Nο Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: Nο Used oil transporter: No

Off-site waste receiver: Verified to be non-commercial

Hazardous Waste Summary:

Waste code: D000
Waste name: Not Defined

Waste code: D001

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF

LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT

WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

FINDS:

Registry ID: 110005830574

Environmental Interest/Information System

ACES (Illinois - Agency Compliance And Enforcement System) is the

Illinois EPA Project to facilitate the permitting operations

Distance

Elevation Site Database(s) EPA ID Number

FOX VALLEY FORD (Continued)

1000135412

EDR ID Number

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

LUST:

 Incident Num:
 890746

 IL EPA Id:
 0894075066

 Product:
 Non Petro

 IEMA Date:
 5/8/1989

 Project Manager:
 Putrich

 Project Manager Phone:
 (217) 524-483

Project Manager Phone: (217) 524-4827
Email: Steve.Putrich@illinois.gov

PRP Name: Ford Motor Co.

PRP Contact: Dan Gordan
PRP Address: 1 Park Lane Blvd., Suite 1500 East

PRP City,St,Zip: Dearborn, MI 48126 PRP Phone: Not reported

Site Classification: Not reported

Section 57.5(g) Letter: 731

Non LUST Determination Letter: Not reported 20 Report Received: Not reported 45 Report Received: Not reported Section 57.5(g) Letter: Not reported NFA/NFR Letter: 1/6/1997 NFR Date Recorded: Not reported

ORPHAN SUMMARY

AURORA 1008110605 RT 31 60504 FINDS, AIRS AURORA S108112978 SCHINDLBECK,JOE P 527TH ST 60505 SWFLF AURORA S108110792 BFI 1566 AURORA AVENUE LN 60504 SWFLF AURORA U001144754 OAKHURST FOREST PRESERVE 1850 AURORA 60504 UST AURORA S109615995 BKK ELECTRONICS PITTWAY CORP 780 MC CLURE RD 60504 MANIFEST AURORA S109615995 BKK ELECTRONICS INC 780 MC CLURE RD 60504 AUROR AURORA S110151047 BATAVIA 2700 COUNTY LINE FARM 60504 AIRS AURORA S110152234 DUR-O-WAL, INC. 625 CRANE STREET 60505 TIER 2 AURORA S10902626 DW CLEANERS 2211 S EOLA RD 60504 PRYCLEANERS AURORA S109417805 SHELL OIL PRODUCTS US 185 IN FARNSWORTH AVE 60505 LUST AURORA S109417805 SHELE OIL PRODUCTS US 185 IN FARNSWORTH AVE 60505 LUST AURORA	City	EDR ID	Site Name	Site Address	Zip	Database(s)
AURORA 1004110915	AURORA	1005635243		IL & INDIAN TRL		FINDS, AIRS
AURORA 100417605 RT 31 RT 25 RT 31 RT 31	AURORA	1003870051		RT 25 & E SULLIVAN RD	60504	CERC-NFRAP
AURORA 1008110605 RT 31 AURORA 1008110605 RT 31 AURORA 5108112978 SCHINDLBECK,JOE P 527TH ST 65056 RIPLOS, AIRS 1 AURORA 1018110792 BF SCHINDLBECK,JOE P 527TH ST 65050 SWF/LF 1 AURORA 1018110792 BF SCHINDLBECK,JOE P 527TH ST 65054 SWF/LF 1 AURORA 1018110792 BF SCHINDLBECK,JOE P 527TH ST 65054 SWF/LF 1 AURORA 1008114784 OAKHURST FOREST PRESERVE 1850 STH AVE 60504 UST 1 AURORA S109815995 BR SELECTRONICS PITTWAY CORP 780 MC CLURE RD 65054 WANIFEST AURORA S109815995 BRK ELECTRONICS PITTWAY CORP 780 MC CLURE RD 65054 WANIFEST AURORA S109815995 BRK ELECTRONICS NIC 780 MC CLURE RD 65054 WANIFEST AURORA S11015127 BRK ELECTRONICS NIC 780 MC CLURE RD 65054 WANIFEST AURORA S11015127 DW CLEARERS 2210 COUNTY LINE FARM 65054 TIER 2 AURORA S11015223 DW CLEARERS 2380 SEOLA RD 65054 TIER 2 AURORA S10982626 ALL CLEANERS 2380 SEOLA RD 65054 FINDS, AIRS DUR-OWAL, INC. 625 CRANE STREET 65055 TUST AURORA S1098147855 BHELL OIL PRODUCTS US 1851 N FARNSWORTH AVE 65054 LUST WANIFEST AURORA S109147819 SPEEDWAY SUPERAMERICA 948 N FARNSWORTH AVE 65055 LUST AURORA 1012178606 SEARS 1680 2 FOX AULEY MALL 660554 CRA-S-G-G-G-G-G-G-G-G-G-G-G-G-G-G-G-G-G-G-	AURORA	1008111941		875 RT 25	60505	FINDS, AIRS
AURORA 100811095	AURORA	1004476065		RT 25		FINDS, AIRS
AURORA 10081 10605 RT 31 60504 FINDS, AIRS AURORA \$108112978 SCHINDLBECK,JOE P 527TH ST 60504 SWFL/F AURORA \$108110792 BFI 1566 AURORA AVENUE LN 60504 SWFL/F AURORA \$109615995 BRK ELECTRONICS PITTWAY CORP 780 MC CLURE RD 60504 MANIFEST AURORA \$107740557 BRK ELECTRONICS INC 780 MC CLURE RD 60504 AUROR AURORA \$107740557 BRK ELECTRONICS INC 780 MC CLURE RD 60504 AURO AURORA \$110151047 BATAWIA 2700 COUNTY LINE FARM 60504 TIER 2 AURORA \$11015224 DUR-O-WAL, INC. 625 CRANE STREET 60505 TIER 2 AURORA \$109902626 DW CLEANERS 2380 S EOLA RD 60504 FINDS, AIRS AURORA \$109820294 AURORA \$109820394 SHELL OIL PRODUCTS US 1851 N FARNSWORTH AVE 60505 LUST AURORA \$109147935 SPEEDWAY SUPERAMERICA 3948 N FARNSWORTH AVE 60504 <t< td=""><td>AURORA</td><td>1000217312</td><td></td><td>RT 31</td><td></td><td>CERC-NFRAP, CORRACTS, RCRA-L(</td></t<>	AURORA	1000217312		RT 31		CERC-NFRAP, CORRACTS, RCRA-L(
AURORA \$108112978 SCHINDLBECK,JOE P \$27TH ST 60505 SWF/LF AURORA \$108110792 BFI 1565 AURORA AVENUE LN 60504 SWF/LF AURORA 0001144754 AOKHURST FOREST PRESERVE 1850 AURORA 60504 UST AURORA \$109615995 BRK ELECTRONICS PITWAY CORP 780 MC CLURE RD 60504 MANIFEST AURORA \$101714037 BRK ELECTRONICS PITWAY CORP 780 MC CLURE RD 60504 MANIFEST AURORA \$110151047 BATAVIA 2700 COUNTY LINE FARM 60504 4IRS AURORA \$110152234 DUR-O-WAL, INC. 625 CRANE STREET 60505 TER 2 AURORA \$110152234 DUR-O-WAL, INC. 2380 S EDLA RD 60504 FINDS, AIRS AURORA \$10982626 DUR-O-WAL, INC. 2211 S EOLA RD 60504 FINDS, AIRS AURORA \$1098147935 SHELL OIL PRODUCTS US 1851 N FARNSWORTH AVE 6050 LUST AURORA \$109147931 SPEEDWAY SUPERAMERICA 348 N FARNSWORTH AVE 6050						TRIS, PADS, MANIFEST, MANIFEST
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AURORA 1008210294 2211 S EOLA RD 60504 FINDS, AIRS AURORA \$106540560 ALL CLEANERS 2211 S EOLA RD DRYCLEANERS AURORA \$109147950 SHELL OIL PRODUCTS US 1851 N FARNSWORTH AVE 60505 LUST AURORA \$109147913 SPEDWAY SUPERAMERICA 948 N FARNSWORTH AVE 60505 LUST AURORA 1012178606 SEARS 1660 2 FOX VALLEY MALL 60504 RCRA-SQG AURORA \$110150575 AKZO NOBEL PAINTS LLC 300 EAST INDIAN TRAIL ROAD 60505 TIER 2 AURORA \$1008151257 AKZO NOBEL PAINTS LLC 300 EAST INDIAN TRAIL ROAD 60505 TIER 2 AURORA \$1008151257 AKZO NOBEL PAINTS LLC 300 EAST INDIAN TRAIL ROAD 60505 TIER 2 AURORA \$1008151257 TELEDYNE PINES 601 W NEW YORK ST AIRS AURORA \$1005443424 PRIME CLEANERS 3015 E NEW YORK ST 60504 PRYCLEANERS AURORA \$1005443424 PRIME CLEANERS 30260 E NEW YORK ST 60504 SRP	AURORA	S110152234	DUR-O-WAL, INC.	625 CRANE STREET	60505	TIER 2
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To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 03/31/2010 Source: EPA
Date Data Arrived at EDR: 04/02/2010 Telephone: N/A

Date Made Active in Reports: 04/12/2010 Last EDR Contact: 05/07/2010

Number of Days to Update: 10 Next Scheduled EDR Contact: 07/26/2010
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1 EPA Region 6

Telephone 617-918-1143 Telephone: 214-655-6659

EPA Region 3 EPA Region 7

Telephone 215-814-5418 Telephone: 913-551-7247

EPA Region 4 EPA Region 8

Telephone 404-562-8033 Telephone: 303-312-6774

EPA Region 5 EPA Region 9

Telephone 312-886-6686 Telephone: 415-947-4246

EPA Region 10

Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 03/31/2010 Source: EPA
Date Data Arrived at EDR: 04/02/2010 Telephone: N/A

Date Made Active in Reports: 04/12/2010 Last EDR Contact: 05/07/2010

Number of Days to Update: 10 Next Scheduled EDR Contact: 07/26/2010
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991 Date Data Arrived at EDR: 02/02/1994 Date Made Active in Reports: 03/30/1994

Number of Days to Update: 56

Source: EPA Telephone: 202-564-4267 Last EDR Contact: 05/17/2010

Next Scheduled EDR Contact: 08/30/2010 Data Release Frequency: No Update Planned

Page 1227 of 2624 TC2800629.2s Page GR-1

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 03/31/2010 Date Data Arrived at EDR: 04/02/2010 Date Made Active in Reports: 04/12/2010

Number of Days to Update: 10

Source: EPA Telephone: N/A

Last EDR Contact: 05/07/2010 Next Scheduled EDR Contact: 07/26/2010 Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 01/29/2010
Date Data Arrived at EDR: 02/09/2010
Date Made Active in Reports: 04/12/2010

Number of Days to Update: 62

Source: EPA

Telephone: 703-412-9810 Last EDR Contact: 06/11/2010

Next Scheduled EDR Contact: 07/12/2010 Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPAa??s Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 06/23/2009 Date Data Arrived at EDR: 01/15/2010 Date Made Active in Reports: 02/10/2010

Number of Days to Update: 26

Source: Environmental Protection Agency Telephone: 703-603-8704

Telephone: 703-603-8704 Last EDR Contact: 04/30/2010

Next Scheduled EDR Contact: 07/26/2010 Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 06/23/2009 Date Data Arrived at EDR: 09/02/2009 Date Made Active in Reports: 09/21/2009

Number of Days to Update: 19

Source: EPA Telephone: 703-412-9810

Last EDR Contact: 06/11/2010

Next Scheduled EDR Contact: 09/13/2010 Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/25/2010 Date Data Arrived at EDR: 03/31/2010 Date Made Active in Reports: 05/27/2010

Number of Days to Update: 57

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 05/17/2010

Next Scheduled EDR Contact: 08/30/2010 Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 02/17/2010 Date Data Arrived at EDR: 02/19/2010 Date Made Active in Reports: 05/17/2010

Number of Days to Update: 87

Source: Environmental Protection Agency

Telephone: 312-886-6186 Last EDR Contact: 04/29/2010

Next Scheduled EDR Contact: 07/19/2010 Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 02/17/2010 Date Data Arrived at EDR: 02/19/2010 Date Made Active in Reports: 05/17/2010 Number of Days to Update: 87

Source: Environmental Protection Agency Telephone: 312-886-6186

Last EDR Contact: 04/29/2010 Next Scheduled EDR Contact: 07/19/2010 Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 02/17/2010 Date Data Arrived at EDR: 02/19/2010 Date Made Active in Reports: 05/17/2010

Number of Days to Update: 87

Source: Environmental Protection Agency

Telephone: 312-886-6186 Last EDR Contact: 04/29/2010

Next Scheduled EDR Contact: 07/19/2010 Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 02/17/2010 Date Data Arrived at EDR: 02/19/2010 Date Made Active in Reports: 05/17/2010

Number of Days to Update: 87

Source: Environmental Protection Agency

Telephone: 312-886-6186 Last EDR Contact: 04/29/2010

Next Scheduled EDR Contact: 07/19/2010 Data Release Frequency: Varies

TC2800629.2s Page GR-3 Page 1229 of 2624

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 12/20/2009 Date Data Arrived at EDR: 01/20/2010 Date Made Active in Reports: 04/12/2010

Number of Days to Update: 82

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 06/14/2010

Next Scheduled EDR Contact: 09/27/2010 Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 12/20/2009 Date Data Arrived at EDR: 01/20/2010 Date Made Active in Reports: 04/12/2010

Number of Days to Update: 82

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 06/14/2010

Next Scheduled EDR Contact: 09/27/2010 Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 01/22/2010 Date Made Active in Reports: 02/11/2010

Number of Days to Update: 20

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180 Last EDR Contact: 04/07/2010

Next Scheduled EDR Contact: 07/19/2010 Data Release Frequency: Annually

State- and tribal - equivalent NPL

CAT: Category List

Sites on this list are: Notice of Response Action, NPL, Pre/proposed NPL, Completed Remedial Action, Site Remediation Program, Federal Facilities, and Cleanup Started and/or Completed Sites.

Date of Government Version: 06/01/1997 Date Data Arrived at EDR: 07/07/1997 Date Made Active in Reports: 08/14/1997

Number of Days to Update: 38

Source: Illinois EPA Telephone: N/A

Last EDR Contact: 02/26/2001 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

State- and tribal - equivalent CERCLIS

SHWS: State Oversight List

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 03/01/2010 Date Data Arrived at EDR: 03/30/2010 Date Made Active in Reports: 04/07/2010

Number of Days to Update: 8

Source: Illinois Environmental Protection Agency

Telephone: 217-524-4826 Last EDR Contact: 05/03/2010

Next Scheduled EDR Contact: 08/16/2010 Data Release Frequency: Semi-Annually

Page 1230 of 2624 TC2800629.2s Page GR-4

State and tribal landfill and/or solid waste disposal site lists

LF WMRC: Waste Management & Research Center Landfill Database

The Waste Management & Research Center Landfill Database includes records from the Department of Public Health, Department of Mines & Minerals, Illinois Environmental Protection Agency, State Geological Survey, Northeastern Illinois Planning Commission and Pollution Control Board.

Date of Government Version: 12/31/2001 Date Data Arrived at EDR: 10/06/2006 Date Made Active in Reports: 11/06/2006

Number of Days to Update: 31

Source: Department of Natural Resources

Telephone: 217-333-8940 Last EDR Contact: 09/18/2009

Next Scheduled EDR Contact: 12/28/2009 Data Release Frequency: No Update Planned

SWF/LF: Available Disposal for Solid Waste in Illinois - Solid Waste Landfills Subject to State Surcharge

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 12/31/2008 Date Data Arrived at EDR: 03/02/2010 Date Made Active in Reports: 04/07/2010

Number of Days to Update: 36

Source: Illinois Environmental Protection Agency

Telephone: 217-785-8604 Last EDR Contact: 05/03/2010

Next Scheduled EDR Contact: 08/16/2010 Data Release Frequency: Annually

LF SPECIAL WASTE: Special Waste Site List

These landfills, as of January 1, 1990, accept non-hazardous special waste pursuant to the Illinois EPA Non-Hazardous Special Waste Definition. List A includes landfills that may receive any non-hazardous waste, Non-Regional Pollution Control Facilities are so noted. List B includes landfills designed to receive specific non-hazardous wastes. List B landfills are designated as a Regional Pollution Control Facility by RPCF, or Non-Regional Pollution Control Facility by Non-RPCF.

Date of Government Version: 01/01/1990 Date Data Arrived at EDR: 06/17/2009 Date Made Active in Reports: 07/15/2009

Number of Days to Update: 28

Source: Illinois EPA Telephone: 217-782-9288 Last EDR Contact: 06/10/2009 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

IL NIPC: Solid Waste Landfill Inventory

Solid Waste Landfill Inventory. NIPC is an inventory of active and inactive solid waste disposal sites, based on state, local government and historical archive data. Included are numerous sites which previously had never been identified largely because there was no obligation to register such sites prior to 1971.

Date of Government Version: 08/01/1988 Date Data Arrived at EDR: 08/01/1994 Date Made Active in Reports: 08/12/1994

Number of Days to Update: 11

Source: Northeastern Illinois Planning Commission

Telephone: 312-454-0400 Last EDR Contact: 05/23/2006 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank Sites

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 04/30/2010 Date Data Arrived at EDR: 05/04/2010 Date Made Active in Reports: 05/20/2010

Number of Days to Update: 16

Source: Illinois Environmental Protection Agency

Telephone: 217-782-6762 Last EDR Contact: 06/17/2010

Next Scheduled EDR Contact: 08/16/2010 Data Release Frequency: Semi-Annually

TC2800629.2s Page GR-5

LUST TRUST: Underground Storage Tank Fund Payment Prioirty List

In case sufficient funds are not available in the Underground Storage Tank Fund, requests for payment are entered on the Payment Priority List by "queue date" order. As required by the Environmental Protection Act, the queue date is the date that a complete request for partial or final payment was received by the Agency. The queue date is "officially" confirmed at the end of the payment review process when a Final Decision Letter is sent to the site owner.

Date of Government Version: 04/20/2010 Date Data Arrived at EDR: 05/04/2010 Date Made Active in Reports: 05/20/2010

Number of Days to Update: 16

Source: Illinois EPA Telephone: 217-782-6762 Last EDR Contact: 06/17/2010

Next Scheduled EDR Contact: 08/16/2010 Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 02/01/2010 Date Data Arrived at EDR: 03/03/2010 Date Made Active in Reports: 04/12/2010

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: 415-972-3372 Last EDR Contact: 05/03/2010

Next Scheduled EDR Contact: 08/16/2010 Data Release Frequency: Quarterly

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 03/10/2010 Date Data Arrived at EDR: 03/16/2010 Date Made Active in Reports: 04/12/2010

Number of Days to Update: 27

Source: EPA Region 4 Telephone: 404-562-8677 Last EDR Contact: 05/03/2010

Next Scheduled EDR Contact: 08/16/2010 Data Release Frequency: Semi-Annually

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 05/04/2010 Date Data Arrived at EDR: 05/05/2010 Date Made Active in Reports: 05/27/2010

Number of Days to Update: 22

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 05/03/2010

Next Scheduled EDR Contact: 08/16/2010 Data Release Frequency: Quarterly

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/19/2009 Date Data Arrived at EDR: 02/19/2009 Date Made Active in Reports: 03/16/2009

Number of Days to Update: 25

Source: EPA Region 1 Telephone: 617-918-1313 Last EDR Contact: 05/03/2010

Next Scheduled EDR Contact: 08/16/2010 Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 05/03/2010 Date Data Arrived at EDR: 05/05/2010 Date Made Active in Reports: 05/27/2010

Number of Days to Update: 22

Source: EPA Region 6 Telephone: 214-665-6597 Last EDR Contact: 05/03/2010

Next Scheduled EDR Contact: 08/16/2010 Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 03/24/2009 Date Data Arrived at EDR: 05/20/2009 Date Made Active in Reports: 06/17/2009

Number of Days to Update: 28

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 05/04/2010

Next Scheduled EDR Contact: 08/16/2010 Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 02/25/2010 Date Data Arrived at EDR: 02/25/2010 Date Made Active in Reports: 04/12/2010

Number of Days to Update: 46

Source: EPA Region 8 Telephone: 303-312-6271 Last EDR Contact: 05/03/2010

Next Scheduled EDR Contact: 08/16/2010 Data Release Frequency: Quarterly

State and tribal registered storage tank lists

UST: Underground Storage Tank Facility List

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 05/03/2010 Date Data Arrived at EDR: 05/04/2010 Date Made Active in Reports: 05/20/2010

Number of Days to Update: 16

Source: Illinois State Fire Marshal Telephone: 217-785-0969 Last EDR Contact: 05/04/2010

Next Scheduled EDR Contact: 08/16/2010 Data Release Frequency: Quarterly

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 03/10/2010 Date Data Arrived at EDR: 03/16/2010 Date Made Active in Reports: 04/12/2010

Number of Days to Update: 27

Source: EPA Region 4 Telephone: 404-562-9424 Last EDR Contact: 05/03/2010

Next Scheduled EDR Contact: 08/16/2010 Data Release Frequency: Semi-Annually

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 02/01/2010 Date Data Arrived at EDR: 03/03/2010 Date Made Active in Reports: 04/12/2010

Number of Days to Update: 40

Source: EPA Region 9 Telephone: 415-972-3368 Last EDR Contact: 05/03/2010

Next Scheduled EDR Contact: 08/16/2010 Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 02/25/2010 Date Data Arrived at EDR: 02/25/2010 Date Made Active in Reports: 04/12/2010

Number of Days to Update: 46

Source: EPA Region 8 Telephone: 303-312-6137 Last EDR Contact: 05/03/2010

Next Scheduled EDR Contact: 08/16/2010 Data Release Frequency: Quarterly

TC2800629.2s Page GR-7

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 02/11/2010 Date Data Arrived at EDR: 02/11/2010 Date Made Active in Reports: 04/12/2010

Number of Days to Update: 60

Source: EPA Region 5 Telephone: 312-886-6136 Last EDR Contact: 05/03/2010

Next Scheduled EDR Contact: 08/16/2010 Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/01/2008 Date Data Arrived at EDR: 12/30/2008 Date Made Active in Reports: 03/16/2009

Number of Days to Update: 76

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 05/12/2010

Next Scheduled EDR Contact: 08/16/2010 Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/03/2010 Date Data Arrived at EDR: 05/05/2010 Date Made Active in Reports: 05/27/2010

Number of Days to Update: 22

Source: EPA Region 6 Telephone: 214-665-7591 Last EDR Contact: 05/03/2010

Next Scheduled EDR Contact: 08/16/2010 Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/19/2009 Date Data Arrived at EDR: 02/19/2009 Date Made Active in Reports: 03/16/2009

Number of Days to Update: 25

Source: EPA, Region 1 Telephone: 617-918-1313 Last EDR Contact: 05/03/2010

Next Scheduled EDR Contact: 08/16/2010 Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 05/04/2010 Date Data Arrived at EDR: 05/05/2010 Date Made Active in Reports: 05/27/2010

Number of Days to Update: 22

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 05/03/2010

Next Scheduled EDR Contact: 08/16/2010 Data Release Frequency: Quarterly

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010 Date Data Arrived at EDR: 02/16/2010 Date Made Active in Reports: 04/12/2010

Number of Days to Update: 55

Source: FEMA

Telephone: 202-646-5797 Last EDR Contact: 04/19/2010

Next Scheduled EDR Contact: 08/02/2010

Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

ENG CONTROLS: Sites with Engineering Controls

Sites using of engineered barriers (e.g., asphalt or concrete paving).

Date of Government Version: 04/23/2010 Date Data Arrived at EDR: 04/26/2010 Date Made Active in Reports: 05/20/2010

Number of Days to Update: 24

Source: Illinois Environmental Protection Agency

Telephone: 217-782-6761 Last EDR Contact: 06/03/2010

Next Scheduled EDR Contact: 08/09/2010 Data Release Frequency: Quarterly

Inst Control: Institutional Controls

Legal or administrative restrictions on land use and/or other activities (e.g., groundwater use restrictions) which effectively limit exposure to contamination may be employed as alternatives to removal or treatment of contamination.

Date of Government Version: 04/23/2010 Date Data Arrived at EDR: 04/26/2010 Date Made Active in Reports: 05/20/2010

Number of Days to Update: 24

Source: Illinois Environmental Protection Agency

Telephone: 217-782-6761 Last EDR Contact: 06/03/2010

Next Scheduled EDR Contact: 08/09/2010 Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 04/02/2008 Date Data Arrived at EDR: 04/22/2008 Date Made Active in Reports: 05/19/2008

Number of Days to Update: 27

Source: EPA, Region 1 Telephone: 617-918-1102 Last EDR Contact: 04/05/2010

Next Scheduled EDR Contact: 07/19/2010 Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008 Date Data Arrived at EDR: 04/22/2008 Date Made Active in Reports: 05/19/2008

Number of Days to Update: 27

Source: EPA, Region 7 Telephone: 913-551-7365 Last EDR Contact: 04/20/2009

Next Scheduled EDR Contact: 07/20/2009 Data Release Frequency: Varies

SRP: Site Remediation Program Database

The database identifies the status of all voluntary remediation projects administered through the pre-notice site cleanup program (1989 to 1995) and the site remediation program (1996 to the present).

Date of Government Version: 04/23/2010 Date Data Arrived at EDR: 04/26/2010 Date Made Active in Reports: 05/20/2010

Number of Days to Update: 24

Source: Illinois Environmental Protection Agency

Telephone: 217-785-9407 Last EDR Contact: 06/03/2010

Next Scheduled EDR Contact: 08/09/2010 Data Release Frequency: Semi-Annually

State and tribal Brownfields sites

BROWNFIELDS: Municipal Brownfields Redevelopment Grant Program Project Descriptions

The Illinois Municipal Brownfields Redevelopment Grant Program (MBRGP) offers grants worth a maximum of \$240,000 each to municipalities to assist in site investigation activities, development of cleanup objectives, and performance of cleanup activities. Brownfields are abandoned or underused industrial and/or commercial properties that are contaminated (or thought to be contaminated) and have an active potential for redevelopment.

Date of Government Version: 02/10/2010 Date Data Arrived at EDR: 02/11/2010 Date Made Active in Reports: 02/18/2010

Number of Days to Update: 7

Source: Illinois Environmental Protection Agency

Telephone: 217-785-3486 Last EDR Contact: 05/17/2010

Next Scheduled EDR Contact: 08/16/2010 Data Release Frequency: Varies

Page 1235 of 2624 TC2800629.2s Page GR-9

BROWNFIELDS: Redevelopment Assessment Database

The Office of Site Evaluations Redevelopment Assessment database identifies the status of all properties within the State in which the Illinois EPA's Office of Site Evaluation has conducted a municipal Brownfield Redevelopment Assessment.

Date of Government Version: 05/03/2010 Date Data Arrived at EDR: 05/04/2010 Date Made Active in Reports: 05/20/2010

Number of Days to Update: 16

Source: Illinois Environmental Protection Agency

Telephone: 217-524-1658 Last EDR Contact: 05/04/2010

Next Scheduled EDR Contact: 08/16/2010 Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 03/02/2010 Date Data Arrived at EDR: 03/23/2010 Date Made Active in Reports: 05/17/2010

Number of Days to Update: 55

Source: Environmental Protection Agency

Telephone: 202-566-2777 Last EDR Contact: 03/23/2010

Next Scheduled EDR Contact: 07/12/2010 Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985 Date Data Arrived at EDR: 08/09/2004 Date Made Active in Reports: 09/17/2004

Number of Days to Update: 39

Source: Environmental Protection Agency

Telephone: 800-424-9346 Last EDR Contact: 06/09/2004 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009 Date Data Arrived at EDR: 05/07/2009 Date Made Active in Reports: 09/21/2009

Number of Days to Update: 137

Source: EPA, Region 9 Telephone: 415-972-3336 Last EDR Contact: 06/21/2010

Next Scheduled EDR Contact: 09/20/2010 Data Release Frequency: Varies

LF SPECIAL WASTE: Special Waste Site List

These landfills, as of January 1, 1990, accept non-hazardous special waste pursuant to the Illinois EPA Non-Hazardous Special Waste Definition. List A includes landfills that may receive any non-hazardous waste, Non-Regional Pollution Control Facilities are so noted. List B includes landfills designed to receive specific non-hazardous wastes. List B landfills are designated as a Regional Pollution Control Facility by RPCF, or Non-Regional Pollution Control Facility by Non-RPCF.

TC2800629.2s Page GR-10

Date of Government Version: 01/01/1990 Date Data Arrived at EDR: 06/17/2009 Date Made Active in Reports: 07/15/2009

Number of Days to Update: 28

Source: Illinois EPA Telephone: 217-782-9288 Last EDR Contact: 06/10/2009 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008

Number of Days to Update: 52

Source: Environmental Protection Agency

Telephone: 703-308-8245 Last EDR Contact: 06/08/2010

Next Scheduled EDR Contact: 08/23/2010 Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 08/19/2009 Date Data Arrived at EDR: 12/29/2009 Date Made Active in Reports: 02/10/2010

Number of Days to Update: 43

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 03/08/2010

Next Scheduled EDR Contact: 09/20/2010 Data Release Frequency: Quarterly

CDL: Meth Drug Lab Site Listing

A listing of clandestine/meth drug lab locations.

Date of Government Version: 04/21/2010 Date Data Arrived at EDR: 04/22/2010 Date Made Active in Reports: 05/20/2010

Number of Days to Update: 28

Source: Department of Public Health Telephone: 217-782-5750

Last EDR Contact: 04/19/2010

Next Scheduled EDR Contact: 08/02/2010 Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007 Date Data Arrived at EDR: 11/19/2008 Date Made Active in Reports: 03/30/2009

Number of Days to Update: 131

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 03/23/2009

Next Scheduled EDR Contact: 06/22/2009 Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/05/2010 Date Data Arrived at EDR: 02/11/2010 Date Made Active in Reports: 04/12/2010

Number of Days to Update: 60

Source: Environmental Protection Agency

Telephone: 202-564-6023 Last EDR Contact: 05/03/2010

Next Scheduled EDR Contact: 08/16/2010 Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure

properties.

Date of Government Version: 12/09/2005 Date Data Arrived at EDR: 12/11/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 31

Source: Department of the Navy Telephone: 843-820-7326 Last EDR Contact: 05/24/2010

Next Scheduled EDR Contact: 09/06/2010

Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 04/06/2010 Date Data Arrived at EDR: 04/07/2010 Date Made Active in Reports: 05/27/2010

Number of Days to Update: 50

Source: U.S. Department of Transportation

Telephone: 202-366-4555 Last EDR Contact: 04/07/2010

Next Scheduled EDR Contact: 07/19/2010 Data Release Frequency: Annually

SPILLS: State spills

A listing of incidents reported to the Office of Emergency Response.

Date of Government Version: 04/19/2010 Date Data Arrived at EDR: 04/21/2010 Date Made Active in Reports: 05/20/2010

Number of Days to Update: 29

Source: Illinois EPA Telephone: 217-558-1677 Last EDR Contact: 04/19/2010

Next Scheduled EDR Contact: 08/02/2010 Data Release Frequency: Varies

Other Ascertainable Records

RCRA-NonGen: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 02/17/2010 Date Data Arrived at EDR: 02/19/2010 Date Made Active in Reports: 05/17/2010

Number of Days to Update: 87

Source: Environmental Protection Agency

Telephone: 312-886-6186 Last EDR Contact: 04/29/2010

Next Scheduled EDR Contact: 07/19/2010 Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/12/2010 Date Data Arrived at EDR: 02/09/2010 Date Made Active in Reports: 04/12/2010

Number of Days to Update: 62

Source: Department of Transporation, Office of Pipeline Safety

Telephone: 202-366-4595 Last EDR Contact: 05/12/2010

Next Scheduled EDR Contact: 08/23/2010 Data Release Frequency: Varies

Page 1238 of 2624 TC2800629.2s Page GR-12

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 11/10/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 62

Source: USGS Telephone: 703-692-8801 Last EDR Contact: 04/21/2010

Next Scheduled EDR Contact: 08/02/2010 Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2008 Date Data Arrived at EDR: 09/30/2009 Date Made Active in Reports: 12/01/2009

Number of Days to Update: 62

Source: U.S. Army Corps of Engineers

Telephone: 202-528-4285 Last EDR Contact: 06/16/2010

Next Scheduled EDR Contact: 09/27/2010 Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 04/11/2010 Date Data Arrived at EDR: 04/19/2010 Date Made Active in Reports: 05/17/2010

Number of Days to Update: 28

Source: Department of Justice, Consent Decree Library

Telephone: Varies

Last EDR Contact: 04/05/2010

Next Scheduled EDR Contact: 07/19/2010 Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 04/29/2010 Date Data Arrived at EDR: 05/07/2010 Date Made Active in Reports: 05/27/2010

Number of Days to Update: 20

Source: EPA

Telephone: 703-416-0223 Last EDR Contact: 06/16/2010

Next Scheduled EDR Contact: 09/27/2010 Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 01/05/2009 Date Data Arrived at EDR: 05/07/2009 Date Made Active in Reports: 05/08/2009

Number of Days to Update: 1

Source: Department of Energy Telephone: 505-845-0011 Last EDR Contact: 06/01/2010

Next Scheduled EDR Contact: 09/13/2010 Data Release Frequency: Varies

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/12/2010 Date Data Arrived at EDR: 03/10/2010 Date Made Active in Reports: 05/17/2010

Number of Days to Update: 68

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959 Last EDR Contact: 06/09/2010

Next Scheduled EDR Contact: 09/20/2010 Data Release Frequency: Semi-Annually

TC2800629.2s Page GR-13

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2008 Date Data Arrived at EDR: 01/13/2010 Date Made Active in Reports: 02/18/2010

Number of Days to Update: 36

Source: EPA

Telephone: 202-566-0250 Last EDR Contact: 06/04/2010

Next Scheduled EDR Contact: 09/13/2010 Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site

Date of Government Version: 12/31/2002 Date Data Arrived at EDR: 04/14/2006 Date Made Active in Reports: 05/30/2006

Number of Days to Update: 46

Source: EPA

Telephone: 202-260-5521 Last EDR Contact: 04/21/2010

Next Scheduled EDR Contact: 07/12/2010 Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009 Date Data Arrived at EDR: 04/16/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Telephone: 202-566-1667 Last EDR Contact: 06/01/2010

Next Scheduled EDR Contact: 09/13/2010 Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009 Date Data Arrived at EDR: 04/16/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 25

Source: EPA

Telephone: 202-566-1667 Last EDR Contact: 06/01/2010

Next Scheduled EDR Contact: 09/13/2010 Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006 Date Data Arrived at EDR: 03/01/2007 Date Made Active in Reports: 04/10/2007

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 12/17/2007

Next Scheduled EDR Contact: 03/17/2008 Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Page 1240 of 2624 TC2800629.2s Page GR-14

Date of Government Version: 10/19/2006 Date Data Arrived at EDR: 03/01/2007 Date Made Active in Reports: 04/10/2007

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 12/17/2008

Next Scheduled EDR Contact: 03/17/2008 Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2008 Date Data Arrived at EDR: 01/06/2010 Date Made Active in Reports: 02/10/2010

Number of Days to Update: 35

Source: EPA Telephone: 202-564-4203

Last EDR Contact: 05/03/2010

Next Scheduled EDR Contact: 08/16/2010 Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 04/24/2010 Date Data Arrived at EDR: 04/29/2010 Date Made Active in Reports: 05/17/2010

Number of Days to Update: 18

Source: Environmental Protection Agency

Telephone: 202-564-5088 Last EDR Contact: 03/29/2010

Next Scheduled EDR Contact: 07/12/2010 Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 09/01/2009 Date Data Arrived at EDR: 10/21/2009 Date Made Active in Reports: 12/01/2009

Number of Days to Update: 41

Source: EPA

Telephone: 202-566-0500 Last EDR Contact: 04/22/2010

Next Scheduled EDR Contact: 08/02/2010 Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 03/18/2010 Date Data Arrived at EDR: 04/06/2010 Date Made Active in Reports: 05/27/2010

Number of Days to Update: 51

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169 Last EDR Contact: 06/14/2010

Next Scheduled EDR Contact: 09/27/2010 Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 04/13/2010 Date Data Arrived at EDR: 04/14/2010 Date Made Active in Reports: 05/17/2010

Number of Days to Update: 33

Source: Environmental Protection Agency

Telephone: 202-343-9775 Last EDR Contact: 04/14/2010

Next Scheduled EDR Contact: 07/26/2010 Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 04/14/2010 Date Data Arrived at EDR: 04/16/2010 Date Made Active in Reports: 05/27/2010

Number of Days to Update: 41

Source: EPA

Telephone: (312) 353-2000 Last EDR Contact: 06/14/2010

Next Scheduled EDR Contact: 09/27/2010 Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995 Date Data Arrived at EDR: 07/03/1995 Date Made Active in Reports: 08/07/1995

Number of Days to Update: 35

Source: EPA

Telephone: 202-564-4104 Last EDR Contact: 06/02/2008

Next Scheduled EDR Contact: 09/01/2008 Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2007 Date Data Arrived at EDR: 02/25/2010 Date Made Active in Reports: 05/12/2010

Number of Days to Update: 76

Source: EPA/NTIS Telephone: 800-424-9346 Last EDR Contact: 05/25/2010

Next Scheduled EDR Contact: 09/06/2010 Data Release Frequency: Biennially

UIC: Underground Injection Wells

Injection wells are used for disposal of fluids by "injection" into the subsurface. The construction of injection wells range from very technical designs with twenty-four hour monitoring to simply a hole dug in the ground to control runoff. As a result of this diversity, the UIC Program divides injection wells into five different classes.

Date of Government Version: 03/23/2010 Date Data Arrived at EDR: 03/31/2010 Date Made Active in Reports: 04/07/2010

Number of Days to Update: 7

Source: Illinois EPA Telephone: 217-782-9878 Last EDR Contact: 06/01/2010

Next Scheduled EDR Contact: 09/13/2010 Data Release Frequency: Varies

NPDES: A Listing of Active Permits

A listing of facilities currently active in the state. The types of permits are public, private, federal and state.

Date of Government Version: 01/15/2010 Date Data Arrived at EDR: 01/15/2010 Date Made Active in Reports: 01/26/2010

Number of Days to Update: 11

Source: Illinois EPA Telephone: 217-782-0610 Last EDR Contact: 04/12/2010

Next Scheduled EDR Contact: 07/26/2010 Data Release Frequency: Varies

DRYCLEANERS: Illinois Licensed Drycleaners

Any retail drycleaning facility in Illinois must apply for a license through the Illinois Drycleaner Environmental Response Trust Fund. Drycleaner Environmental Response Trust Fund of Illinois.

TC2800629.2s Page GR-16

Date of Government Version: 03/01/2010 Date Data Arrived at EDR: 03/04/2010 Date Made Active in Reports: 04/07/2010

Number of Days to Update: 34

Source: Drycleaner Environmental Response Trust Fund of Illinois

Telephone: 800-765-4041 Last EDR Contact: 06/02/2010

Next Scheduled EDR Contact: 09/13/2010 Data Release Frequency: Varies

IMPDMENT: Surface Impoundment Inventory

Statewide inventory of industrial, municipal, mining, oil & gas, and large agricultural impoundment. This study was conducted by the Illinois EPA to assess potential for contamination of shallow aquifers. This was a one-time study. Although many of the impoundments may no longer be present, the sites may be contaminated.

Date of Government Version: 12/31/1980 Date Data Arrived at EDR: 03/08/2002 Date Made Active in Reports: 06/03/2002

Number of Days to Update: 87

Source: Illinois Waste Management & Research Center

Telephone: 217-333-8940 Last EDR Contact: 02/20/2002 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

AIRS: AIRS

A listing of air permits and emissions information.

Date of Government Version: 12/31/2008 Date Data Arrived at EDR: 02/12/2009 Date Made Active in Reports: 02/27/2009

Number of Days to Update: 15

Source: Illinois EPA Telephone: 217-557-0314 Last EDR Contact: 04/12/2010

Next Scheduled EDR Contact: 07/26/2010 Data Release Frequency: Varies

TIER 2: Tier 2 Information Listing

A listing of facilities which store or manufacture hazardous materials and submit a chemical inventory report.

Date of Government Version: 02/19/2010 Date Data Arrived at EDR: 02/25/2010 Date Made Active in Reports: 04/07/2010

Number of Days to Update: 41

Source: Illinois Emergency Management Agency

Telephone: 217-785-9860 Last EDR Contact: 05/24/2010

Next Scheduled EDR Contact: 09/06/2010 Data Release Frequency: Annually

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 12/08/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 34

Source: USGS

Telephone: 202-208-3710 Last EDR Contact: 04/21/2010

Next Scheduled EDR Contact: 08/02/2010 Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 02/10/2010
Date Data Arrived at EDR: 02/11/2010
Date Made Active in Reports: 04/12/2010

Number of Days to Update: 60

Source: Environmental Protection Agency

Telephone: 615-532-8599 Last EDR Contact: 05/10/2010

Next Scheduled EDR Contact: 08/09/2010 Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

TC2800629.2s Page GR-17

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 02/06/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 339

Source: U.S. Geological Survey Telephone: 888-275-8747 Last EDR Contact: 04/21/2010

Next Scheduled EDR Contact: 08/02/2010

Data Release Frequency: N/A

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 01/01/2008 Date Data Arrived at EDR: 02/18/2009 Date Made Active in Reports: 05/29/2009

Number of Days to Update: 100

Source: Environmental Protection Agency

Telephone: 202-566-0517 Last EDR Contact: 05/14/2010

Next Scheduled EDR Contact: 08/16/2010 Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 11/09/2009 Date Data Arrived at EDR: 12/18/2009 Date Made Active in Reports: 02/10/2010

Number of Days to Update: 54

Source: Environmental Protection Agency

Telephone: N/A

Last EDR Contact: 06/14/2010

Next Scheduled EDR Contact: 09/27/2010 Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 08/07/2009 Date Made Active in Reports: 10/22/2009

Number of Days to Update: 76

Source: Department of Energy Telephone: 202-586-8719 Last EDR Contact: 04/21/2010

Next Scheduled EDR Contact: 08/02/2010

Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A Date Data Arrived at EDR: N/A Date Made Active in Reports: N/A

Number of Days to Update: N/A

Source: EDR, Inc. Telephone: N/A Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

EDR Historical Auto Stations: EDR Proprietary Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc.

TC2800629.2s Page GR-18 Page 1244 of 2624

Date of Government Version: N/A Date Data Arrived at EDR: N/A Date Made Active in Reports: N/A Number of Days to Update: N/A Source: EDR, Inc. Telephone: N/A Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

EDR Historical Cleaners: EDR Proprietary Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc.

Date of Government Version: N/A Date Data Arrived at EDR: N/A Date Made Active in Reports: N/A Number of Days to Update: N/A Source: EDR, Inc. Telephone: N/A Last EDR Contact: N/A

s to Update: N/A Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2007 Date Data Arrived at EDR: 08/26/2009 Date Made Active in Reports: 09/11/2009

Number of Days to Update: 16

Source: Department of Environmental Protection

Telephone: 860-424-3375 Last EDR Contact: 06/04/2010

Next Scheduled EDR Contact: 09/06/2010 Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 01/20/2010 Date Made Active in Reports: 02/05/2010

Number of Days to Update: 16

Source: Department of Environmental Protection

Telephone: N/A

Last EDR Contact: 04/23/2010

Next Scheduled EDR Contact: 08/02/2010 Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 04/30/2010 Date Data Arrived at EDR: 05/13/2010 Date Made Active in Reports: 06/21/2010

Number of Days to Update: 39

Source: Department of Environmental Conservation

Telephone: 518-402-8651 Last EDR Contact: 05/13/2010

Next Scheduled EDR Contact: 08/23/2010 Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2008 Date Data Arrived at EDR: 12/01/2009 Date Made Active in Reports: 12/14/2009

Number of Days to Update: 13

Source: Department of Environmental Protection

Telephone: 717-783-8990 Last EDR Contact: 05/24/2010

Next Scheduled EDR Contact: 09/06/2010 Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 11/03/2009 Date Data Arrived at EDR: 02/12/2010 Date Made Active in Reports: 02/22/2010

Number of Days to Update: 10

Source: Department of Environmental Management

Telephone: 401-222-2797 Last EDR Contact: 06/01/2010

Next Scheduled EDR Contact: 09/13/2010 Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2008 Date Data Arrived at EDR: 07/17/2009 Date Made Active in Reports: 08/10/2009

Number of Days to Update: 24

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 06/21/2010

Next Scheduled EDR Contact: 10/04/2010 Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data Source: Rextag Strategies Corp. Telephone: (281) 769-2247

U.S. Electric Transmission and Power Plants Systems Digital GIS Data

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services,

a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary

and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are

comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Homes & Centers Listing Source: Department of Children & Family Services

Telephone: 312-814-4150

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2009 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

EOLA YARD IMPROVEMENTS PROJECT LEVEL EA EOLA YARD IMPROVEMENTS PROJECT LEVEL EA AURORA, IL 60504

TARGET PROPERTY COORDINATES

Latitude (North): 41.77270 - 41° 46' 21.7" Longitude (West): 88.2583 - 88° 15' 29.9"

Universal Tranverse Mercator: Zone 16 UTM X (Meters): 395416.7 UTM Y (Meters): 4625092.0

Elevation: 709 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map: 41088-G3 AURORA NORTH, IL

Most Recent Revision: 1998

East Map: 41088-G2 NAPERVILLE, IL

Most Recent Revision: 1998

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

- 1. Groundwater flow direction, and
- 2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

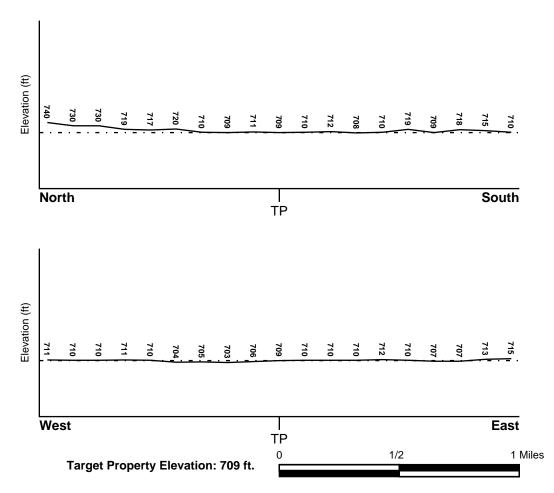
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

FEMA Flood Electronic Data

Target Property County DUPAGE, IL

YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property:

1701970050B - FEMA Q3 Flood data

Additional Panels in search area:

17089C - FEMA DFIRM Flood data 1703200015D - FEMA Q3 Flood data 1703200025E - FEMA Q3 Flood data

NATIONAL WETLAND INVENTORY

NWI Electronic Data Coverage

NWI Quad at Target Property
AURORA NORTH

YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius: 1.25 miles Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

 MAP ID
 FROM TP
 GROUNDWATER FLOW

 Not Reported
 On the control of the control o

^{*©1996} Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Soil Surface Texture:

GEOLOGIC AGE IDENTIFICATION

Era: Paleozoic Category: Stratifed Sequence

System: Silurian

Series: Middle Silurian (Niagoaran)

Code: S2 (decoded above as Era, System & Series)

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: MORLEY

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward

movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained. Soils have a layer of low hydraulic

conductivity, wet state high in the profile. Depth to water table is 3

to 6 feet.

silt loam

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

Soil Layer Information								
	Boundary			Classification				
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)	
1	0 inches	9 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.60	Max: 7.30 Min: 5.10	
2	9 inches	28 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.60 Min: 0.20	Max: 7.80 Min: 5.60	
3	28 inches	42 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.60 Min: 0.06	Max: 8.40 Min: 6.10	
4	42 inches	60 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.60 Min: 0.06	Max: 8.40 Min: 6.10	

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: silty clay loam

muck loam

Surficial Soil Types: silty clay loam

muck loam

Shallow Soil Types: silty clay loam

silt loam

Deeper Soil Types: muck

stratified

gravelly - loamy sand

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE SEARCH DISTANCE (miles)

Federal USGS 1.000

Federal FRDS PWS Nearest PWS within 1 mile

State Database 1.000

FEDERAL USGS WELL INFORMATION

MAP ID

LOCATION FROM TP

LOCATION

S79 USGS2383327 1/2 - 1 Mile WSW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

WELL ID

MAP ID WELL ID FROM TP

080 IL0895185 1/2 - 1 Mile WSW

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	FROM TP
MAP ID 1 2 3 4 A5 6 7 B8 B9 A10 11 12 C13 14 C15 D16 E17	WELL ID ILSG10000197019 ILSG10000196900 P13004 ILSG10000196984 ILSG10000196886 ILSG10000197572 ILSG10000196794 ILSG10000196803 P13006 ILSG10000196796 P34432 ILSG10000196801 ILSG10000196801 ILSG10000196800 P34431 ILSG10000197040 ILSG10000197040 ILSG10000196747	
F18 D19 E20	ILSG10000196833 P34435 ILSG10000196689	1/4 - 1/2 Mile SW 1/4 - 1/2 Mile WSW 1/4 - 1/2 Mile SW

GEOCHECK[®] - PHYSICAL SETTING SOURCE SUMMARY

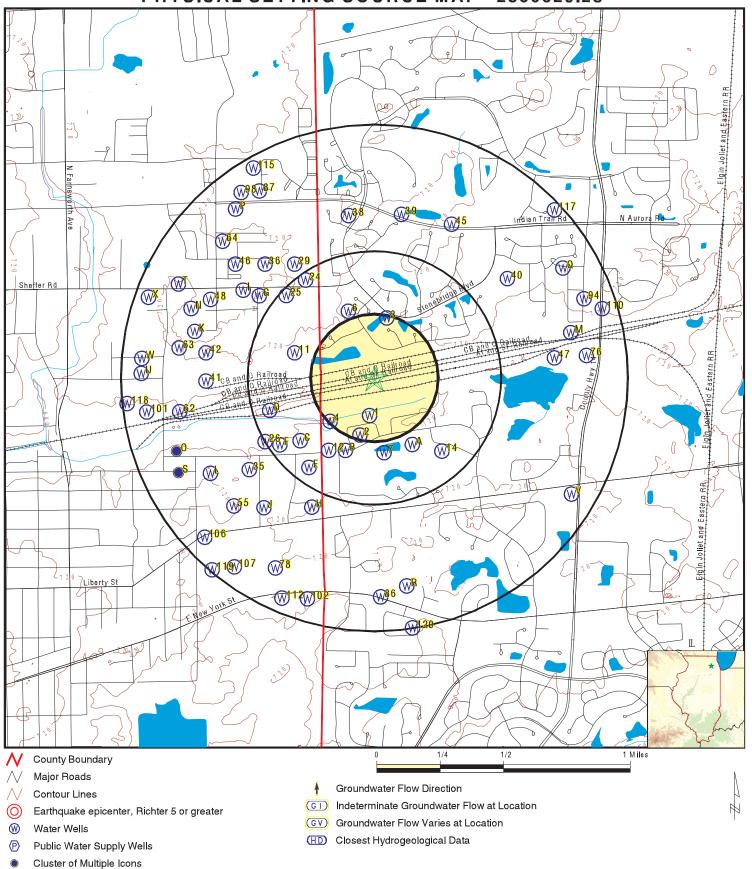
STATE DATABASE WELL INFORMATION

GEOCHECK[®] - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
MAP ID R73 R74 S75 76 S77 78 T81 T82 S83 S84 S85 86 87 P88 P89 P90 P91 S92 S93 94 Q95 U96 V97 98 W99 V100 101 102 U103 U104 W105 106 107 X108 U109 110 U111 112 W113 X114 115 Y116	P13012 P13009 ILEP10000005338 ILSG10000197309 ILSG10000196700 ILSG1000019677 ILSG10000197711 ILSG10000197712 ILSG10000196670 ILSG10000196671 ILSG10000196672 ILSG10000195952 ILEP10000005416 ILSG10000198098 P34441 P34442 P34568 P13000 ILSG10000197827 ILSG10000197222 ILSG10000197222 ILSG10000197222 ILSG10000197222 ILSG10000197220 ILSG10000197290 ILSG10000197290 ILSG10000197678 ILSG10000198333	FROM TP 1/2 - 1 Mile South 1/2 - 1 Mile South 1/2 - 1 Mile WSW 1/2 - 1 Mile East 1/2 - 1 Mile WSW 1/2 - 1 Mile SSW 1/2 - 1 Mile WSW 1/2 - 1 Mile NWW 1/2 - 1 Mile NW 1/2 - 1 Mile WSW 1/2 - 1 Mile ENE 1/2 - 1 Mile ESE 1/2 - 1 Mile West 1/2 - 1 Mile West 1/2 - 1 Mile WSSW 1/2 - 1 Mile WSST 1/2 - 1 MI
X116 117 118 119 120	P34447 P13003 ILSG10000197068 ILSG10000196146 ILSG10000195754	1/2 - 1 Mile WNW 1/2 - 1 Mile NE 1/2 - 1 Mile West 1/2 - 1 Mile SW 1/2 - 1 Mile South

PHYSICAL SETTING SOURCE MAP - 2800629.2s



SITE NAME: Eola Yard Improvements Project Level EA ADDRESS: Eola Yard Improvements Project Level EA

Aurora IL 60504 LAT/LONG: 541,7727,488.2583 CLIENT: HDR Engineering, Inc. CONTACT: Robin Martel

INQUIRY#: 2800629.2s

DATE: June 23, 2010 10:01 am

Map ID Direction Distance

Elevation Database EDR ID Number

South 1/8 - 1/4 Mile **IL WELLS** ILSG10000197019

Higher

Api number: 120433000300 Longitude: -88.258664 Latitude: 41.77055 Section:

18 Twp: 38 Tdir: Ν Rng: 9

Rdir: Е Farm name: Aurora East Water Treatment PI Farm num: Not Reported Company na: IL Dept. of Transportation

ENG Elevation: 716 Status: GL Total dept: 20 Elevref: Wformation: Not Reported Wfmfrom: 0 Wfmto: Pumpgpm: 0

ILSG10000197019 Site id:

SSW **IL WELLS** ILSG10000196900

1/8 - 1/4 Mile Higher

> 120433000400 Api number: Longitude: -88.259399 Latitude: 41.769433

Section: 38 18 Twp: Tdir: Ν Rng:

Rdir: Ε Farm name: Aurora East Water Treatment PI Not Reported IL Dept. of Transportation Farm num: Company na:

ENG Elevation: 714 Status: Elevref: GL Total dept: 75 Wformation: Not Reported Wfmfrom: 0 Wfmto: 0 Pumpgpm: ILSG10000196900

NNE **IL WELLS** P13004

1/8 - 1/4 Mile Higher

Site id:

Well ID: 181816 Second ID: Not Reported

Info Source: IL Private Water Wells Survey

Owner: JAMES VOJCEK

Date Drilled: 10/27/1985 Permit: Not Reported Depth (in feet): 100 Aquifer Type: 043 **DUPAGE** County Code: County: 38N Township: Range: 09E

Section: 18 Plot Location: Not Reported

Well Use: Domestic Well Type:

Record Type: Affidavit Driller: **BECK**

Map ID Direction Distance

Elevation Database EDR ID Number

IL WELLS ILSG10000196984

1/8 - 1/4 Mile Lower

 Api number:
 120433000200

 Longitude:
 -88.261682

 Latitude:
 41.770214

 Section:
 18
 Twp:
 38

 Tdir:
 N
 Rng:
 9

Rdir: E Farm name: Aurora East Water Treatment PI Farm num: Not Reported Company na: IL Dept. of Transportation

 Status:
 ENG
 Elevation:
 713

 Elevref:
 GL
 Total dept:
 20

 Wformation:
 Not Reported
 Wfmfrom:
 0

 Wfmto:
 0
 Pumpgpm:
 0

Site id: ILSG10000196984

A5 SSE IL WELLS ILSG10000196886

1/4 - 1/2 Mile Lower

> Api number: 120432501800 Longitude: -88.255457 Latitude: 41.769313

 Section:
 18
 Twp:
 38

 Tdir:
 N
 Rng:
 9

Rdir: E Farm name: Metropolitan Management Co.

Farm num: Not Reported Company na: Knierim, James

WATER Elevation: Status: 0 Elevref: Not Reported Total dept: 200 Wformation: rock Wfmfrom: 60 Wfmto: 7 200 Pumpgpm:

Site id: ILSG10000196886

6 NNW IL WELLS ILSG10000197572 1/4 - 1/2 Mile

Higher

Api number:

 Longitude:
 -88.26029

 Latitude:
 41.776515

 Section:
 18
 Twp:

 Tdir:
 N
 Rng:

120433113900

Rdir: E Farm name: Aurora Venture
Farm num: Not Reported Company na: Gaffke, George E.

Status:WATERElevation:0Elevref:Not ReportedTotal dept:630Wformation:limestoneWfmfrom:290

38

9

Wfmto: 630 Pumpgpm: 0 Site id: ILSG10000197572

7 South IL WELLS ILSG10000196794 1/4 - 1/2 Mile

1/4 - 1/2 Mi Higher

 Api number:
 120433000500

 Longitude:
 -88.257558

 Latitude:
 41.768425

 Section:
 18
 Twp:
 38

 Tdir:
 N
 Rng:
 9

Rdir: E Farm name: Aurora East Water Treatment PI Farm num: On Reported Company na: IL Dept. of Transportation

 Status:
 ENG
 Elevation:
 708

 Elevref:
 GL
 Total dept:
 11

 Wformation:
 Not Reported
 Wfmfrom:
 0

 Wfmto:
 0
 Pumpgpm:
 0

Site id: ILSG10000196794

B8 SSW IL WELLS ILSG10000196803

1/4 - 1/2 Mile Lower

> Api number: 120433000100 Longitude: -88.260283 Latitude: 41.76859

 Section:
 18
 Twp:
 38

 Tdir:
 N
 Rng:
 9

Rdir: E Farm name: Aurora East Water Treatment PI Farm num: Not Reported Company na: IL Dept. of Transportation

 Status:
 ENG
 Elevation:
 709

 Elevref:
 GL
 Total dept:
 40

 Wformation:
 Not Reported
 Wfmfrom:
 0

 Wfmto:
 0
 Pumpgpm:
 0

B9
SSW
IL WELLS P13006
1/4 - 1/2 Mile

Lower

Site id:

Well ID: 181818 Second ID: Not Reported

Info Source: IL Private Water Wells Survey

Owner: METROPOLITAN MANAGEMENT CO

ILSG10000196803

056292 Date Drilled: 01/13/1977 Permit: Aquifer Type: Depth (in feet): 200 **Bedrock DUPAGE** County Code: 043 County: Township: 38N Range: 09E Section: 18 Plot Location: 5A Well Use: Commercial Well Type:

Record Type: Construction Report, Geology

Driller: KNIERIM

Map ID Direction Distance

Elevation Database EDR ID Number

A10 SSE 1/4 - 1/2 Mile

ŠĒ IL WELLS ILSG10000196796

Lower

 Api number:
 120433000600

 Longitude:
 -88.255351

 Latitude:
 41.768468

 Section:
 18
 Twp:
 38

 Tdir:
 N
 Rng:
 9

Rdir: E Farm name: Aurora East Water Treatment PI Farm num: Not Reported Company na: IL Dept. of Transportation

 Status:
 ENG
 Elevation:
 707

 Elevref:
 GL
 Total dept:
 11

 Wformation:
 Not Reported
 Wfmfrom:
 0

 Wfmto:
 0
 Pumpgpm:
 0

Site id: ILSG10000196796

11 WNW 1/4 - 1/2 Mile Higher

gher

Second ID:

Well ID: 066114
Info Source: IL Private Water Wells Survey

Owner: GARY BOREN

 Permit:
 M110990
 Date Drilled:
 01/13/1984

 Depth (in feet):
 155
 Aquifer Type:
 ~~

 County Code:
 089
 County:
 KANE

Township:38NRange:08ESection:13Plot Location:1DWell Use:DomesticWell Type:~~

Record Type: Construction Report, Geology

Driller: NEELY

43

SSW 1/4 - 1/2 Mile

> Api number: 120433000000 Longitude: -88.261793 Latitude: 41.768559

 Section:
 18
 Twp:
 38

 Tdir:
 N
 Rng:
 9

Rdir: E Farm name: Aurora East Water Treatment PI Farm num: Not Reported Company na: IL Dept. of Transportation

Status:ENGElevation:712Elevref:GLTotal dept:40Wformation:Not ReportedWfmfrom:0

IL WELLS

IL WELLS

Not Reported

P34432

ILSG10000196801

Wfmto: 0 Pumpgpm: 0 Site id: ILSG10000196801

C13 SW IL WELLS ILSG10000196852

1/4 - 1/2 Mile Lower

> Api number: 120890141000 Longitude: -88.263546 Latitude: 41.769161

 Section:
 13
 Twp:
 38

 Tdir:
 N
 Rng:
 8

Rdir: E Farm name: Masonry Systems of III.

Farm num: 1 Company na: Geltz, N. H.

 Status:
 WATER
 Elevation:
 0

 Elevref:
 Not Reported
 Total dept:
 137

 Wformation:
 Not Reported
 Wfmfrom:
 0

 Wfmto:
 0
 Pumpgpm:
 0

Site id: ILSG10000196852

14 SE IL WELLS ILSG10000196800

1/4 - 1/2 Mile Higher

> Api number: 120433000700 Longitude: -88.253141 Latitude: 41.768512

 Section:
 18
 Twp:
 38

 Tdir:
 N
 Rng:
 9

Rdir: E Farm name: Aurora East Water Treatment PI Farm num: Not Reported Company na: IL Dept. of Transportation

Status: **ENG** Elevation: 710 GL Total dept: Elevref: 11 0 Wformation: Not Reported Wfmfrom: Wfmto: Pumpgpm: 0 Site id: ILSG10000196800

C15 SW IL WELLS P34431 1/4 - 1/2 Mile

1/4 - 1/2 Mile Lower

Well ID: 066113 Second ID: Not Reported

Info Source: IL Private Water Wells Survey

Owner: MASONRY SYSTEMS OF ILL

M017405 Date Drilled: 04/28/1972 Permit: Aquifer Type: Depth (in feet): 137 **KANE** County Code: 089 County: Township: 38N Range: 08E Section: 13 Plot Location: 1A IN Well Use: Well Type:

Record Type: Construction Report, Geology

Driller: GELTZ

Map ID Direction Distance

Elevation Database **EDR ID Number**

D16 WSW **IL WELLS** ILSG10000197040

1/4 - 1/2 Mile Lower

> Api number: 120893077200 Longitude: -88.265951 Latitude: 41.770931

Section: 38 13 Twp: Tdir: Ν Rng: 8 Rdir: Е Farm name: **Eola Warehousing**

Farm num: Not Reported Company na: Knierim, Phil WATER Elevation: 0 Status: Total dept: 100 Elevref: Not Reported Wformation: rock Wfmfrom: 40 Wfmto: 100 Pumpgpm: 0

ILSG10000197040 Site id:

1/4 - 1/2 Mile Higher

SW

120890136000 Api number: Longitude: -88.263073 Latitude: 41.767817

Section: 38 24 Twp: Tdir: Ν Rng: 8

Rdir: Е Farm name: Valley Volkswagon Sission, Edward H. Not Reported Farm num: Company na:

Status: WATER Elevation: 0 Elevref: Not Reported Total dept: 125 Wformation: Not Reported Wfmfrom: 0 Wfmto: 0 Pumpgpm:

ILSG10000196747 Site id:

F18 **IL WELLS** ILSG10000196833 SW

1/4 - 1/2 Mile Lower

> Api number: 120892284100 Longitude: -88.265104 41.768899 Latitude:

Section: 13 Twp: 38 Tdir: Ν Rng: 8

Ε Aurora Precast Cncrt Rdir: Farm name: Geltz, N. H. Farm num: 1 Company na:

WATER Status: Elevation: 0 Elevref: Not Reported Total dept: 150 Wformation: Not Reported Wfmfrom: 0

IL WELLS

ILSG10000196747

Wfmto: 0 Pumpgpm: Site id: ILSG10000196833

D19 WSW **IL WELLS** P34435

1/4 - 1/2 Mile Lower

> 241023 Well ID: Second ID: Not Reported

IL Private Water Wells Survey Info Source:

Owner: **EOLA WARCHOUSING**

Permit: 089-0578-92 Date Drilled: 11/06/1992 Depth (in feet): 100 Aquifer Type: Bedrock 089 County: **KANE** County Code: Township: 38N 08E Range: Section: 13 Plot Location: 2B Well Use: Domestic Well Type:

Construction Report, Geology Record Type:

KNIERIM Driller:

E20 SW 1/4 - 1/2 Mile **IL WELLS** ILSG10000196689

Higher

Api number: 120893069300 Longitude: -88.263527 Latitude: 41.767336

Section: 24 Twp: 38 Tdir: Ν Rng: 8

Е DuKane Precast Inc. Rdir: Farm name: Farm num: 2 Neeley, Harry C. Company na:

Status: WATER Elevation: 715 300 Elevref: GL Total dept: Wfmfrom: 92 Wformation: limestone 0 Wfmto: 300 Pumpgpm:

ILSG10000196689 Site id:

F21 SW 1/4 - 1/2 Mile Higher

> Well id: 08900 W cws num: Not Reported W cws name: Not Reported W status: Not Reported W suscept: Not Reported W policy: Not Reported

W min setb: W d depth: 0

W aquifer: Not Reported

Amb well: 0 X coord: 3335435 Y coord: 3181960.25

Pws status: Not Reported Sdwis well: Not Reported

IL WELLS

ILEP10000005341

Sys number: Not Reported Api: Not Reported

Cwswell merg are: 0

Fac name: NITREX INC CHICAGO OPERATIONS

Facility n: IL3066340
Addr one t: 1900 PLAIN AVE
Addr two t: Not Reported

 City name:
 AURORA
 State code:
 IL

 Zip code:
 60505
 Fips cd:
 89

 Prn cnty:
 Kane
 Status cd:
 I

Fed type c: NP B name: INDUSTRIAL/AGRICULTURAL

Pop cnt: 0 Lat dec de: 41.76833

 Long dec d:
 -88.265

 Meridian:
 3
 Township:

 Range:
 8E
 Section:

Updt ts: 09/14/2006 Site id: ILEP1000005341

F22 WSW IL WELLS ILSG10000196844 1/4 - 1/2 Mile

38N

13

1/4 - 1/2 Mile Lower

 Api number:
 120893457800

 Longitude:
 -88.265944

 Latitude:
 41.769103

 Section:
 13
 Twp:
 38

 Tdir:
 N
 Rng:
 8

Rdir: E Farm name: Alliance Metal Treating

Farm num: Not Reported Company na: Not Reported

 Status:
 WATER
 Elevation:
 0

 Elevref:
 Not Reported
 Total dept:
 0

 Wformation:
 Not Reported
 Wfmfrom:
 0

 Wfmto:
 0
 Pumpgpm:
 0

Site id: ILSG10000196844

F23
WSW
IL WELLS
ILSG10000196845
1/4 - 1/2 Mile
Lower

Api number: 120893341500 Longitude: -88.265944 Latitude: 41.769103

 Section:
 13
 Twp:
 38

 Tdir:
 N
 Rng:
 8

Rdir: E Farm name: Bach Building Systems Farm num: Company na: Brown, Darwin

 Status:
 WATER
 Elevation:
 0

 Elevref:
 Not Reported
 Total dept:
 160

 Wformation:
 yellow & white lime
 Wfmfrom:
 125

 Wfmto:
 0
 Pumpgpm:
 0

Site id: ILSG10000196845

Map ID Direction Distance Elevation

Database EDR ID Number 24 NW **IL WELLS** ILSG10000197721

1/4 - 1/2 Mile

Higher

Api number: 120892222600 Longitude: -88.263557 Latitude: 41.778299 Section:

38 13 Twp: Tdir: Ν Rng: 8 Rdir: Е Farm name: Friedens Donald

Farm num: 1 Company na: Geltz, N. H. WATER Elevation: 0 Status: Total dept: 132 Elevref: Not Reported Wformation: Not Reported Wfmfrom: 0 Wfmto: Pumpgpm: 0

ILSG10000197721 Site id:

25 NW 1/4 - 1/2 Mile Higher

IL WELLS ILSG10000197667

120892694000 Api number: Longitude: -88.265031 Latitude: 41.777407

Section: 38 13 Twp: Tdir: Ν Rng: 8

Rdir: Е Farm name: Bohr, Don Not Reported Neely, Mark S. Farm num: Company na:

Status: WATER Elevation: 720 Elevref: GL Total dept: 320 Wformation: dolomite Wfmfrom: 300 Wfmto: 5 320 Pumpgpm:

ILSG10000197667 Site id:

26 WSW 1/4 - 1/2 Mile Lower

> Well ID: 066116 Second ID: Not Reported

Info Source: IL Private Water Wells Survey

Owner: AURORA PRECAST CONCRETE INC

M043201 Date Drilled: 11/19/1975 Permit: Depth (in feet): 150 Aquifer Type: 089 **KANE** County Code: County: 38N Township: 08E Range: Section: 13 Plot Location: 2A Well Use: IN Well Type:

Record Type: Construction Report, Geology

Driller: **GELTZ** **IL WELLS**

P34434

Map ID Direction Distance

Elevation Database EDR ID Number

06/04/1969

26940

G27 NW IL WELLS P34436

1/2 - 1 Mile Higher

Well ID: 066117 Second ID: Not Reported

Info Source: IL Private Water Wells Survey

Owner: GLEN THUOT
Permit: M007579 Date Drilled:
Depth (in feet): 205 Aquifer Type:

 County Code:
 089
 County:
 KANE

 Township:
 38N
 Range:
 08E

 Section:
 13
 Plot Location:
 2E

 Well Use:
 Domestic
 Well Type:
 ~~

Record Type: Construction Report, Geology

Driller: NEELY

G28 NW IL WELLS P34437

NW 1/2 - 1 Mile Higher

Well ID:

gner

Second ID:

Info Source: IL Private Water Wells Survey

Owner: DON BOHR

 Permit:
 M123959
 Date Drilled:
 05/23/1986

 Depth (in feet):
 320
 Aquifer Type:
 ~~

 County Code:
 089
 County:
 KANE

 Township:
 38N
 Range:
 08F

Township:38NRange:08ESection:13Plot Location:2EWell Use:DomesticWell Type:~~

Record Type: Construction Report, Geology

Driller: NEELY

Well Type:

NW 1/2 - 1 Mile Higher

Well Use:

Well ID: 066115 Second ID: Not Reported

Info Source: IL Private Water Wells Survey

Owner: DONALD J FRIEDERS

Permit: M030283 Date Drilled: 06/06/1974 Depth (in feet): 132 Aquifer Type: 089 **KANE** County Code: County: Township: 38N Range: 08E 13 Plot Location: 1F Section:

Record Type: Construction Report, Geology

Domestic

Driller: GELTZ

IL WELLS

P34433

Map ID Direction Distance

Elevation Database EDR ID Number G30

NW **IL WELLS** ILSG10000197657

1/2 - 1 Mile Higher

> Api number: 120890055900 Longitude: -88.267195 Latitude: 41.7773

Section: 38 13 Twp: Tdir: Ν Rng: 8 Rdir: Е Farm name: Thuott Glen

Neely, Paul C. Farm num: Not Reported Company na: WATER Elevation: 675 Status: GL Total dept: 205 Elevref:

Wformation: Not Reported Wfmfrom: 0 Wfmto: Pumpgpm: 0 ILSG10000197657

H31 SSW 1/2 - 1 Mile **IL WELLS** ILSG10000196521

Higher

Site id:

120892984000 Api number: Longitude: -88.263502 41.765519 Latitude:

Section: 38 24 Twp: Tdir: Ν Rng: Ε Rdir: Farm name: Wil-Fred

Fykes, Charles N. Farm num: 1 Company na:

Status: WATER Elevation: Elevref: Not Reported Total dept: 205 Wformation: limestone Wfmfrom: 120 Wfmto: 205 0 Pumpgpm:

ILSG10000196521 Site id:

H32 SSW 1/2 - 1 Mile **IL WELLS** ILSG10000196491

Higher

Api number: 120892896800 Longitude: -88.262659 Latitude: 41.765097

Section: 24 Twp: 38 Tdir: Ν Rng: 8

Ε Mandel, Harvey Rdir: Farm name: Neely, Mark S. Not Reported Farm num: Company na:

WATER 730 Status: Elevation: Elevref: GL Total dept: 170 Wformation: limestone Wfmfrom: 0

Wfmto: 30 Pumpgpm: Site id: ILSG10000196491

G33 WNW 1/2 - 1 Mile **IL WELLS** ILSG10000197654

Higher

120892895500 Api number: Longitude: -88.267866 Latitude: 41.777257

Section: 13 Twp: 38 Tdir: Ν Rng: 8

Е Rdir: Farm name: Boren, Gary Not Reported Neely, Mark S. Farm num: Company na:

Status: WATER Elevation: 720 Elevref: GL Total dept: 155 Wformation: Wfmfrom: 0 lime Wfmto: 0 Pumpgpm: 10

Site id: ILSG10000197654

134 WNW 1/2 - 1 Mile **IL WELLS** ILSG10000197652

Higher

Api number: 120892663800 Longitude: -88.268234 Latitude: 41.777247

Section: 13 Twp: 38 Tdir: Ν 8 Rng:

Rdir: Ε Farm name: Hauser, Elmer Farm num: Not Reported Company na: Pitz, John W.

Status: WATER Elevation: 720 Total dept: 0 Elevref: GL 74 Wformation: limestone Wfmfrom: Wfmto: 170 Pumpgpm: 10 Site id: ILSG10000197652

SW 1/2 - 1 Mile Higher

> 120892348000 Api number: Longitude: -88.267852 Latitude: 41.767457

Section: 24 38 Twp: Ν Tdir: Rng: 8

Rdir: Ε Farm name: J N Abens Const Farm num: Not Reported Company na: Knierim Company, Inc.

Status: WATER Elevation: Not Reported Elevref: Total dept: 160 Not Reported Wfmfrom: 0 Wformation:

IL WELLS

ILSG10000196697

Wfmto: 0 Pumpgpm: Site id: ILSG10000196697

36 NW **IL WELLS** P34438

1/2 - 1 Mile Higher

> Well ID: 066119 Not Reported Second ID:

IL Private Water Wells Survey Info Source:

Owner: RICHARD HEIMNAN

Permit: M083291 Date Drilled: 01/10/1979 Depth (in feet): 360 Aquifer Type: 089 County: **KANE** County Code: Township: 38N 08E Range: Section: 13 Plot Location: 2F Well Use: Domestic Well Type:

Construction Report, Geology Record Type:

K AND K Driller:

137 NW 1/2 - 1 Mile **IL WELLS** ILSG10000197716

Higher

Api number: 120893511900 Longitude: -88.268413 Latitude: 41.778183

Section: 13 Twp: 38 Tdir: Ν Rng: 8

Е Gonnerman, Steve Rdir: Farm name: Farm num: Neely, Mark S. Company na: 1

Status: WATER Elevation: 710 180 Elevref: Not Reported Total dept: limestone Wfmfrom: 65 Wformation: 180 12 Wfmto: Pumpgpm:

ILSG10000197716 Site id:

38 North 1/2 - 1 Mile **IL WELLS** ILSG10000198074

Higher

Api number: 120432721700 Longitude: -88.260275 Latitude: 41.781981

Section: 18 Twp: 38 Tdir: Ν Rng:

Ε Vojeck, Jim & Dianne Rdir: Farm name: Farm num: 1 Company na: Fykes, Charles N.

Status: WATER Elevation: Elevref: Not Reported Total dept: 145 Wformation: limestone Wfmfrom: 88

Wfmto: 145 12 Pumpgpm: Site id: ILSG10000198074

39 North 1/2 - 1 Mile Higher **IL WELLS** P13005

181817 Well ID: Second ID: 28168

Info Source: IL Private Water Wells Survey

Owner: AURORA VENTURE GOLF COURSE

Permit: 139046 Date Drilled: 06/20/1988 Aquifer Type: Depth (in feet): 345 Bedrock 043 County: **DUPAGE** County Code: Township: 38N 09E Range: Section: 18 Plot Location: 4H Well Use: Irrigation Well Type:

Construction Report, Geology Record Type:

LAYNE WESTERN Driller:

40 NE **IL WELLS** ILSG10000197736

1/2 - 1 Mile Higher

> Api number: 120433017800 Longitude: -88.248136 Latitude: 41.778381

Section: 18 Twp: 38 Tdir: Ν Rng: 9

Xinos, Bill Е Rdir: Farm name: Farm num: Not Reported Pitz, John W. Company na:

Status: WATER Elevation: 200 Elevref: Not Reported Total dept: limestone Wfmfrom: Wformation: 117 Wfmto: 200 Pumpgpm: 15

ILSG10000197736 Site id:

41 West **IL WELLS** P34443 1/2 - 1 Mile Higher

Well ID: 066124 Second ID: Not Reported

Info Source: IL Private Water Wells Survey

BURLINGTON NORTHERN Owner:

Permit: Not Reported Date Drilled: 00/00/0000

Depth (in feet): 1385 Aquifer Type: 089 County Code: County: **KANE** 38N Township: Range: 08E Section: 13 Plot Location: 4C Well Use: IN Well Type:

Record Type: Affidavit

Driller: LAYNE-WESTERN

Map ID Direction Distance Elevation

42 West

IL WELLS P34444 1/2 - 1 Mile

Higher

Well ID: 066125 Second ID: 26689

Info Source: IL Private Water Wells Survey

ROBERT MICHALSKI Owner:

Date Drilled: Permit: M119962 08/28/1985 Depth (in feet): 200 Aquifer Type: County Code: 089 County: **KANE** 38N Township: Range: 08E Section: 13 Plot Location: 4D

Well Use: Domestic Well Type: Construction Report, Geology Record Type:

Driller: **NEELY**

J43 SW **IL WELLS** P34560

1/2 - 1 Mile Higher

> Well ID: Second ID: Not Reported

IL Private Water Wells Survey Info Source:

HARVEY MANDEL Owner:

Permit: M095007 Date Drilled: 07/23/1980

170 Depth (in feet): Aquifer Type: County Code: 089 County: **KANE** Township: 38N Range: 08E 24 Section: Plot Location: 1G Well Use: Well Type: Domestic

Record Type: Construction Report, Geology

Driller: **NEELY**

SW **IL WELLS** P34561

1/2 - 1 Mile Higher

> 174138 Not Reported Well ID: Second ID:

Info Source: IL Private Water Wells Survey

Owner: WIL-FRED #1

Permit: 017412 Date Drilled: 04/28/1990 205 Aquifer Type: Bedrock Depth (in feet): 089 **KANE** County Code: County: Township: 38N Range: 08E 24 Plot Location: Section: 1G Industrial/Commercial Well Use: Well Type:

Construction Report, Geology Record Type:

Driller: **FYKES** Database

EDR ID Number

Map ID Direction Distance

Elevation Database EDR ID Number

45 NNE IL WELLS ILSG10000198031

1/2 - 1 Mile Higher

 Api number:
 120432816800

 Longitude:
 -88.252403

 Latitude:
 41.781485

 Section:
 18
 Twp:
 38

 Tdir:
 N
 Rng:
 9

Rdir: E Farm name: Venture, Aurora Farm num: 1 Company na: Neupert, Thomas A.

Status:WATERElevation:0Elevref:Not ReportedTotal dept:345Wformation:limestoneWfmfrom:118Wfmto:345Pumpgpm:570

Site id: ILSG10000198031

46 NW IL WELLS P34439

1/2 - 1 Mile Higher

Well ID: Second ID: Not Reported

Info Source: IL Private Water Wells Survey

Owner: ROBERT MICHALSKI

Permit: Not Reported Date Drilled: 00/00/0000
Depth (in feet): 71 Aquifer Type: ~~
County Code: 089 County: KANE

 County Code.
 069
 County.
 RAN

 Township:
 38N
 Range:
 08E

 Section:
 13
 Plot Location:
 3F

 Well Use:
 Domestic
 Well Type:
 ~~

Record Type: Affidavit
Driller: Not Reported

47 East IL WELLS P13001

1/2 - 1 Mile Higher

Well ID: 181813 Second ID: Not Reported

Info Source: IL Private Water Wells Survey

Owner: AURORA VENTURE

Permit: Not Reported Date Drilled: 07/18/1987 Bedrock Depth (in feet): 102 Aquifer Type: County Code: 043 County: **DUPAGE** Township: 38N 09E Range: Section: Plot Location: 17 8D Well Use: Domestic Well Type:

Record Type: Affidavit
Driller: GELTZ

Map ID Direction Distance

Elevation Database EDR ID Number

48 WNW 1/2 - 1 Mile **IL WELLS** ILSG10000197647

Higher

Api number: 120892668900 Longitude: -88.270813 Latitude: 41.777185

Section: 38 13 Twp: Tdir: Ν Rng: 8

Rdir: Е Farm name: Michalski, Robert Neely, Mark S. Farm num: Not Reported Company na: WATER Elevation: 725 Status:

GL Total dept: 200 Elevref: Wformation: limestone Wfmfrom: 0 Wfmto: Pumpgpm: 20 ILSG10000197647

K49 WNW 1/2 - 1 Mile Higher

Site id:

120890065700 Api number: Longitude: -88.272021

Latitude: 41.775358 Section: 38 13 Twp: Tdir: Ν Rng:

Rdir: Е Farm name: Sherman Earl James Not Reported Neely&Schimelpfening Farm num: Company na:

Status: WATER Elevation: 710 Elevref: GL Total dept: 107 Wformation: Not Reported Wfmfrom: 0 Wfmto: 0 Pumpgpm:

ILSG10000197439 Site id:

K50 WNW 1/2 - 1 Mile **IL WELLS** ILSG10000197440

Higher

Api number:

Longitude: -88.272021 Latitude: 41.775358 Section: 38 13 Twp: Tdir: Ν Rng: 8

120890065500

Е Not Reported Rdir: Farm name: Western W Scraper Co

3 Farm num: Company na: WATER Status: Elevation: 695 Elevref: GL Total dept: 1410 Wformation: Not Reported Wfmfrom: 0

IL WELLS

ILSG10000197439

Wfmto: 0 Pumpgpm: Site id: ILSG10000197440

L51 WSW **IL WELLS** ILEP10000005331 1/2 - 1 Mile

Higher

Well id: 08901 W cws num: Not Reported Not Reported W cws name: Not Reported W status: W suscept: Not Reported W policy: Not Reported

W min setb: W d depth: 0

W aquifer: Not Reported Amb well: 0 X coord: 3333979 Y coord: 3181494.25 Not Reported

Pws status: Sdwis well: Not Reported Sys number: Not Reported Api: Not Reported

Cwswell merg are:

Fac name: **DUR-O-WAL EAST WELL**

Facility n: IL3066613

625 CRANE STREET Addr one t:

Addr two t: Not Reported

City name: **AURORA** State code: ΙL 89 Zip code: 60505 Fips cd: Prn cnty: Status cd: Kane

Fed type c: **NTNC** B name: INDUSTRIAL/AGRICULTURAL

Pop cnt: 80 Lat dec de: 41.76722 Long dec d: -88.27028

38N 3 Meridian: Township: Section: Range: 8E 24

Updt ts: 09/21/2006 Site id: ILEP10000005331

L52 WSW 1/2 - 1 Mile ILEP1000005336 **IL WELLS**

Higher

08901 W cws num: Not Reported Well id: W cws name: Not Reported W status: Not Reported W suscept: Not Reported W policy: Not Reported

W min setb: W d depth: 0

W aquifer: Not Reported

Amb well: 0

X coord: 3333840.5 3181703.75 Y coord:

Sdwis well: Not Reported Pws status: Not Reported Sys number: Not Reported Api: Not Reported

Cwswell merg are:

Fac name: **DUR-O-WALL NORTH WELL**

Facility n: IL3066605

Addr one t: **625 CRANE STREET**

Addr two t: Not Reported

City name: **AURORA** State code: ΙL Zip code: 60505 Fips cd: 89 Prn cnty: Status cd: Kane

INDUSTRIAL/AGRICULTURAL Fed type c: **NTNC** B name:

Pop cnt: 80

Lat dec de: 41.76778

TC2800629.2s Page A-27

-88.27083 Long dec d:

Meridian: 3 Township: 38N Range: 8E Section: 24

ILEP10000005336 Updt ts: 09/21/2006 Site id:

WSW 1/2 - 1 Mile **IL WELLS** ILSG10000196674

Higher

Api number: 120890116200 Longitude: -88.270729 Latitude: 41.767172

Section: 24 Twp: 38 Tdir: Ν Rng: 8

Dur-O-Wal of III. Rdir: Е Farm name: 2 Geltz, N. H. Farm num: Company na: WATER Elevation: Status: 0

Elevref: Not Reported Total dept: 308 Wformation: Not Reported Wfmfrom: 0 Wfmto: Pumpgpm: 0

ILSG10000196674 Site id:

wsw 1/2 - 1 Mile Higher

> Api number: 120890099700 Longitude: -88.270729

41.767172 Latitude: Section: 24 38 Twp: Tdir: Ν Rng:

Dur-O-Wal Of III Rdir: Ε Farm name: Geltz, N. H. Farm num: Company na: WATER Elevation: 0

Status: Total dept: 200 Elevref: Not Reported Wformation: Not Reported Wfmfrom: 0 Wfmto: Pumpgpm: 0 ILSG10000196675 Site id:

IL WELLS ILEP10000005320

1/2 - 1 Mile Higher

> Well id: 08902 W cws num: Not Reported Not Reported Not Reported W cws name: W status: W suscept: Not Reported Not Reported W policy:

W min setb: 0 W d depth: 0

W aquifer: Not Reported

Amb well:

X coord: 3334374.25 3180853 Y coord:

Pws status: Not Reported Sdwis well: Not Reported

IL WELLS

ILSG10000196675

Sys number: Not Reported Api: Not Reported

Cwswell merg are: 0

Fac name: JOHNSON ELEM SCHOOL DIST #131

Facility n: IL3075044

Addr one t: 1934 LIBERTY ROAD
Addr two t: Not Reported

City name:AURORAState code:ILZip code:60505Fips cd:89Prn cnty:KaneStatus cd:I

Fed type c: NP B name: SCHOOL

Pop cnt: 0
Lat dec de: 41.76528
Long dec d: -88.26889

 Long dec d:
 -88.26889

 Meridian:
 3
 Township:
 38N

 Range:
 8E
 Section:
 24

Updt ts: 09/18/2006 Site id: ILEP10000005320

M56
ENE IL WELLS ILSG10000197429

ENE 1/2 - 1 Mile Higher

> Api number: 120430000100 Longitude: -88.243896 Latitude: 41.775283

 Section:
 17
 Twp:
 38

 Tdir:
 N
 Rng:
 9

Rdir: E Farm name: Reber Preserving Co

Farm num: Not Reported Company na: No Company

Status: WATER Elevation: 715 Elevref: GL Total dept: 200 0 Wformation: Not Reported Wfmfrom: Wfmto: 0 Pumpgpm: 0

Site id: ILSG10000197429

N57
WNW
IL WELLS
1/2 - 1 Mile
Higher

Well ID: Second ID: Not Reported

Info Source: IL Private Water Wells Survey

Owner: EARL JAMES SHERMAN

 Permit:
 Not Reported
 Date Drilled:
 00/00/1942

 Depth (in feet):
 107
 Aquifer Type:
 ~~

 County Code:
 089
 County:
 KANE

 Township:
 38N
 Range:
 08E

Section: 13 Plot Location: Not Reported

Well Use: Domestic Well Type: ~~

Record Type: Geology, Any other type of record

Driller: NEELY-SCHIMELPFENIG

N58 WNW 1/2 - 1 Mile Higher

IL WELLS P34430

P34428

Well ID: Second ID: Not Reported

Info Source: IL Private Water Wells Survey

Owner: NAT. COLLEGE OF CHIROPRACTIC

Permit:Not ReportedDate Drilled:11/08/1991Depth (in feet):60Aquifer Type:--County Code:089County:KANETownship:38NRange:08E

Section: 13 Plot Location: Not Reported

Well Use: School Well Type: --

Record Type: Affidavit
Driller: J.BRICKEY

N59 WNW IL WELLS P34427

1/2 - 1 Mile Higher

Well ID: 066111 Second ID: Not Reported

Info Source: IL Private Water Wells Survey

Owner: DONALD BOHR

 Permit:
 Not Reported
 Date Drilled:
 00/00/0000

 Depth (in feet):
 98
 Aquifer Type:
 ~~

 County Code:
 089
 County:
 KANE

 Township:
 38N
 Range:
 08E

Section: 13 Plot Location: Not Reported

Well Use: Domestic Well Type: ~~

Record Type: Chemical Analysis
Driller: Not Reported

N60 WNW 1/2 - 1 Mile Higher

Well ID: 071953 Second ID: Not Reported

Info Source: IL Private Water Wells Survey
Owner: WESTERN AUSTIN

Permit:Not ReportedDate Drilled:00/00/1946Depth (in feet):1461Aquifer Type:~~County Code:089County:KANETownship:38NRange:08E

Section: 13 Plot Location: Not Reported

Well Use: Commercial Well Type: ~~

Record Type: Construction Report, Geology

Driller: Not Reported

L61 WSW IL WELLS 1/2 - 1 Mile

IL WELLS

P34429

P34565

Higher

Well ID: 066185 Second ID: Not Reported

Info Source: IL Private Water Wells Survey

Owner: J N ABENS CONST CO

M062024 Date Drilled: 06/15/1977 Permit: Depth (in feet): 160 Aquifer Type: 089 KANE County Code: County: Township: 38N Range: 08E Section: 24 Plot Location: ЗН Well Use: Domestic Well Type:

Record Type: Construction Report, Geology

Driller: KNIERIM

62 West IL WELLS ILSG10000197033

1/2 - 1 Mile Lower

> Api number: 120893503100 Longitude: -88.273168 Latitude: 41.770764

 Section:
 13
 Twp:
 38

 Tdir:
 N
 Rng:
 8

Rdir: E Farm name: Partida-Cuevas, Abel Farm num: Not Reported Company na: Brown, Darwin

 Status:
 WATER
 Elevation:
 0

 Elevref:
 Not Reported
 Total dept:
 120

 Wformation:
 rock
 Wfmfrom:
 90

 Wfmto:
 0
 Pumpgpm:
 0

Site id: ILSG10000197033

63 West IL WELLS ILSG10000197344

63 West 1/2 - 1 Mile Higher

 Api number:
 120893203700

 Longitude:
 -88.27322

 Latitude:
 41.774414

 Section:
 13
 Twp:
 38

 Tdir:
 N
 Rng:
 8

Rdir: E Farm name: Sparkling Springs Farm num: Not Reported Company na: Kerry, Charles

Status:WATERElevation:0Elevref:Not ReportedTotal dept:780Wformation:sandstoneWfmfrom:580Wfmto:780Pumpgpm:0

Site id: ILSG10000197344

64 NW IL WELLS ILSG10000197960

1/2 - 1 Mile Higher

TC2800629.2s Page A-31

 Api number:
 120892895600

 Longitude:
 -88.269891

 Latitude:
 41.780514

 Section:
 13
 Twp:
 38

 Tdir:
 N
 Rng:
 8

Rdir: E Farm name: Kobulnicky, Henry Farm num: Not Reported Company na: Ward, Delbert G.

Status: WATER Elevation: 725 100 Elevref: GL Total dept: 0 Wformation: Wfmfrom: rock 12 Wfmto: 100 Pumpgpm:

Site id: ILSG10000197960

O65 WSW IL WELLS ILSG10000196837

1/2 - 1 Mile Lower

> Api number: 120893593500 Longitude: -88.273142 Latitude: 41.768939

 Section:
 13
 Twp:
 38

 Tdir:
 N
 Rng:
 8

Rdir: E Farm name: Fidler, Brenda S. Farm num: 1 Company na: William Knierim

 Status:
 WATER
 Elevation:
 0

 Elevref:
 Not Reported
 Total dept:
 700

 Wformation:
 sandstone
 Wfmfrom:
 660

 Wfmto:
 700
 Pumpgpm:
 12

Site id: ILSG10000196837

P66
NW IL WELLS ILSG10000198051

1/2 - 1 Mile Higher

> Api number: 120890040900 Longitude: -88.268438 Latitude: 41.781839

 Section:
 13
 Twp:
 38

 Tdir:
 N
 Rng:
 8

 Rdir:
 E
 Farm name:
 Popp Jina

Farm num: Company na: Geltz, N. H. Status: WATER Elevation: Elevref: Not Reported Total dept: 121 Wformation: Not Reported Wfmfrom: 0 0 Wfmto: Pumpgpm:

Site id: ILSG10000198051

M67 ENE 1/2 - 1 Mile Higher

IL WELLS ILSG10000197432

Api number: 120430159500 Longitude: -88.242702 Latitude: 41.775295

38 Section: 17 Twp: Tdir: Ν Rng: 9

Е Rdir: Farm name: CB&QRrCompany Farm num: Not Reported Company na: Geiger, S. B. Co.

Status: WATER Elevation: 714 1428 GL Total dept: Elevref: Wformation: Not Reported Wfmfrom: 0 0 Wfmto: Pumpgpm:

Site id: ILSG10000197432

Q68 ENE **IL WELLS** P13002

1/2 - 1 Mile Higher

> Well ID: 181814 Second ID: Not Reported

Info Source: IL Private Water Wells Survey

Owner: D HAIAR

07/01/1970 Permit: 009933 Date Drilled: Depth (in feet): 144 Aquifer Type: **Bedrock DUPAGE** County Code: 043 County: Township: 38N Range: 09E 8F Section: 17 Plot Location: Well Use: Domestic Well Type:

Record Type: Construction Report, Geology

HAROLD N POHL Driller:

R69 IL WELLS South P13010 1/2 - 1 Mile Higher

174934 Well ID: Second ID: Not Reported

IL Private Water Wells Survey Info Source:

Not Reported Owner:

Permit: Not Reported Date Drilled: 00/00/0000 Depth (in feet): 205 Aquifer Type: **Bedrock DUPAGE** County Code: 043 County: 38N Township: Range: 09E Section: Not Reported

Plot Location:

Well Use: Not Reported Well Type:

Record Type: Construction Report, Geology

BLPALMER Driller:

R70

South 1/2 - 1 Mile

Higher

IL WELLS

P13008

Well ID: 174932 Second ID: Not Reported

Info Source: IL Private Water Wells Survey

Owner: Not Reported

Date Drilled: 00/00/0000 Permit: Not Reported Depth (in feet): 105 Aquifer Type: Bedrock **DUPAGE** County Code: 043 County: Township: 38N Range: 09E

Section: 19 Plot Location: Not Reported

Well Use: Not Reported Well Type:

Construction Report, Geology Record Type:

BL PALMER Driller:

R71 South **IL WELLS** P13013

1/2 - 1 Mile Higher

181822 Well ID: Second ID: Not Reported

Info Source: IL Private Water Wells Survey

Owner: **DONALD NICOLE LOT 9**

Permit: 102686 Date Drilled: 02/23/1982 Depth (in feet): 200 Aquifer Type: Bedrock **DUPAGE** County Code: 043 County: 09E Township: 38N Range:

Section: 19 Plot Location: Not Reported

Well Use: Domestic Well Type:

Construction Report, Geology, Indicates comment in owner's field something Record Type:

unusual

Driller: P KNIERIM

R72

South 1/2 - 1 Mile Higher

> 181820 Well ID: Second ID: Not Reported

IL Private Water Wells Survey Info Source:

Owner: STONINGTON DEVELOPMENT

Permit: Not Reported Date Drilled: 03/09/1988

Depth (in feet): Aquifer Type: 100

DUPAGE County Code: 043 County: 38N Township: Range: 09E Section: 19 Plot Location: Not Reported

Well Use: Domestic Well Type:

Record Type: Affidavit

K & K WELL DRILLING Driller:

R73 South 1/2 - 1 Mile Higher

IL WELLS

IL WELLS

P13011

P13012

Well ID: 181821 Second ID: Not Reported

Info Source: IL Private Water Wells Survey

Owner: HENRY F GROESCH

Date Drilled: 08/31/1967 Permit: 003379 Depth (in feet): 150 Aquifer Type: Bedrock **DUPAGE** County Code: 043 County: Township: 38N Range: 09E

Section: 19 Plot Location: Not Reported

Well Use: Domestic Well Type: --

Record Type: Construction Report, Geology

Driller: AUGUSTYNIAK

R74 South IL WELLS P13009

1/2 - 1 Mile Higher

Well ID: 174933 Second ID: Not Reported

Info Source: IL Private Water Wells Survey

Owner: Not Reported

Permit: Not Reported Date Drilled: 00/00/0000 Depth (in feet): 110 Aquifer Type: Bedrock **DUPAGE** County Code: 043 County: Township: 38N Range: 09E Section: Plot Location: Not Reported

Section. 19 Fiol Location. Not Repo

Well Use: Not Reported Well Type:

Record Type: Construction Report, Geology

Driller: B L PALMER

\$75 WSW IL WELLS ILEP10000005338

1/2 - 1 Mile Lower

 Well id:
 20031
 W cws num:
 0895185

 W cws name:
 DEARBORN MHP
 W status:
 A

 W suscept:
 C2
 W policy:
 U

W suscept: C2
W min setb: 400
W d depth: 169
W aquifer: 5050
Amb well: 0
X coord: 3333253
Y coord: 3333253

 Pws status:
 A
 Sdwis well:
 WL20031

 Sys number:
 IL0895185
 Api:
 120893436700

Cwswell merg are: 0

Fac name: Not Reported
Facility n: Not Reported
Addr one t: Not Reported
Addr two t: Not Reported

City name: Not Reported State code: Not Reported Zip code: Not Reported Fips cd: Not Reported Prn cnty: Not Reported Status cd: Not Reported Not Reported Fed type c: B name: Not Reported

Pop cnt: 0 Lat dec de: 0

Long dec d:

Meridian:Not ReportedTownship:Not ReportedRange:Not ReportedSection:Not ReportedUpdt ts:12/30/1899Site id:ILEP10000005338

76
East IL WELLS ILSG10000197309

1/2 - 1 Mile Higher

 Api number:
 120430159400

 Longitude:
 -88.242097

 Latitude:
 41.773983

 Section:
 17
 Twp:
 38

 Tdir:
 N
 Rng:
 9

Rdir: E Farm name: C B & Q Rr
Farm num: Not Reported Company na: Archibald, E. C.
Status: WATER Floyation: 718

 Status:
 WATER
 Elevation:
 718

 Elevref:
 GL
 Total dept:
 166

 Wformation:
 Not Reported
 Wfmfrom:
 0

 Wfmto:
 0
 Pumpgpm:
 0

Site id: ILSG10000197309

\$77
WSW
IL WELLS
ILSG10000196700

1/2 - 1 Mile Lower

> Api number: 120892616200 Longitude: -88.273058 Latitude: 41.767474

 Section:
 24
 Twp:
 38

 Tdir:
 N
 Rng:
 8

Rdir: E Farm name: City of Aurora Pioneer Park

Farm num: Not Reported Company na: Layne-Western

Status:WATERElevation:0Elevref:Not ReportedTotal dept:115Wformation:Not ReportedWfmfrom:0Wfmto:0Pumpgpm:0

Site id: ILSG10000196700

70

SSW 1/2 - 1 Mile Higher

> Api number: 120890147700 Longitude: -88.265858 Latitude: 41.76183

 Section:
 24
 Twp:
 38

 Tdir:
 N
 Rng:
 8

Rdir: E Farm name: Gongalez Amon Farm num: 1 Company na: Geltz, N. H.

Status: WATER Elevation: 0
Elevref: Not Reported Total dept: 141
Wformation: Not Reported Wfmfrom: 0

TC2800629.2s Page A-36

IL WELLS

ILSG10000196157

Wfmto: 0 Pumpgpm: 0

Site id: ILSG10000196157

\$79
WSW
FED USGS USG\$2383327

1/2 - 1 Mile Lower

Agency cd: USGS Site no: 414604088162401

Site name: 38N 8E-24.5h1

Latitude: 414604 EDR Site id: USGS2383327 Longitude: 0881624 Dec lat: 41.767807 Dec Ion: -88.27340371 Coor meth: М Latlong datum: F NAD27 Coor accr: Dec latlong datum: NAD83 District: 17 State: 17 County: 089

Country: US Land net: NENENWS24 T 38N R 3E 3

Location map: AURORA NORTH Map scale: 24000

Altitude: 705

Altitude method: Interpolated from topographic map

Altitude accuracy: Not Reported

Altitude datum: National Geodetic Vertical Datum of 1929 Hydrologic: Lower Fox. Illinois. Area = 1090 sq.mi.

Topographic: Flat surface

Site type: Ground-water other than Spring Date construction: Not Reported

Date inventoried: Not Reported Mean greenwich time offset: CST

Local standard time flag: N

Type of ground water site: Single well, other than collector or Ranney type

Aquifer Type: Not Reported
Aquifer: SILURIAN SYSTEM

Well depth: 169 Hole depth: Not Reported

Source of depth data: other government (other than USGS)

Project number: 441706200

Real time data flag: 0 Daily flow data begin date: 0000-00-00 Daily flow data end date: 0000-00-00 Daily flow data count: 0

Peak flow data begin date: 0000-00-00 Peak flow data end date: 0000-00-00 Peak flow data end date: 0000-00-00

Peak flow data count: 0 Water quality data begin date: 1986-09-24

Water quality data end date:1986-09-24 Water quality data count: 1

Ground water data begin date: 0000-00-00 Ground water data end date: 0000-00-00

Ground water data count: 0

Ground-water levels, Number of Measurements: 0

O80

WSW
1/2 - 1 Mile
Lower

Lower

 Pwsid:
 IL0895185
 Epa region:
 05

 State:
 IL
 County:
 Kane

Pws name: DEARBORN MHP

Population Served: 26 Pwssvcconn: 14

PWS Source: Groundwater

Pws type: CWS

Status: Active Owner type: Private

Facility id: 13426

Facility name: DISTRIBUTION PRESSURE STORAGE

Facility type: Storage Treatment process: hypochlorination, post

Treatment objective: disinfection

IL0895185

Contact name: DRESLER, STANLEY
Original name: DRESLER, STANLEY

Contact phone: 630-920-8350 Contact address1: PO BOX 309

Contact address2: Not Reported
Contact city: HINSDALE
Contact zip: 60522

Contact zip:

Contact name:

Contact zip:

Pwsid: IL0895185 Epa region: 05

State: IL County: Kane Pws name: DEARBORN MHP

Population Served: 26 Pwssvcconn: 14

PWS Source: Groundwater
Pws type: CWS

60522

60522

Status: Active Owner type: Private

Facility id: 15841
Facility name: TP 01-TREATMENT

Facility type: Treatment_plant Treatment process: hypochlorination, post

Treatment objective: disinfection
Contact name: DRESLER, STANLEY

Original name: DRESLER, STANLEY
Contact phone: 630-920-8350 Contact address1: PO BOX 309

 Pwsid:
 IL0895185
 Epa region:
 05

 State:
 IL
 County:
 Kane

Pws name: DEARBORN MHP

Population Served: 26 Pwssvcconn: 14

PWS Source: Groundwater
Pws type: CWS

DRESLER, STANLEY

 Pws type:
 CWS

 Status:
 Active

 Owner type:
 Private

Facility id: 19748
Facility name: WELL 1 (20031)

Facility type: Well Treatment process: hypochlorination, post

Treatment objective: disinfection

Original name: DRESLER, STANLEY

Contact phone: 630-920-8350 Contact address1: PO BOX 309

Contact phone: 630-920-8350 Contact address1: PO BOX 309

Contact address2: Not Reported

Contact city: HINSDALE

Pwsid: IL0895185 Epa region: 05

State: IL County: Kane
Pws name: DEARBORN MHP

Population Served: 26 Pwssvcconn: 14

PWS Source: Groundwater

Pws type: CWS
Status: Active Owner type: Private

Facility id: 24035

Facility name: DEARBORN MHP
Facility type: Distribution_system_zone Treatment process: hypochlorination, post

Treatment objective: disinfection Treatment process. Treatment process.

Contact name: DRESLER, STANLEY Original name: DRESLER, STANLEY

Contact phone: 630-920-8350 Contact address1: PO BOX 309

Contact address2: Not Reported Contact city: HINSDALE Contact zip: 60522

Pwsid: IL0895185 Epa region: 05 Kane State: IL County:

DEARBORN MHP Pws name:

Population Served: 26 Pwssvcconn: 14

PWS Source: Groundwater Pws type: **CWS**

Active Owner type: Private Status:

27694 Facility id: Facility name: GENERIC FINISHED SAMPLING STATION

Facility type: Sampling_station Treatment process: hypochlorination, post

Treatment objective: disinfection

Contact name: DRESLER, STANLEY Original name: DRESLER, STANLEY

Contact phone: 630-920-8350 Contact address1: PO BOX 309

Contact address2: Not Reported Contact city: HINSDALE 60522 Contact zip:

Pwsid: IL0895185 Epa region: 05 State: County: Kane

DEARBORN MHP Pws name:

Population Served: 26 Pwssvcconn: 14

Groundwater PWS Source:

CWS Pws type:

Status: Active Owner type: Private

Facility id: 30116

GENERIC RAW SAMPLING STATION Facility name:

Facility type: Sampling_station Treatment process: hypochlorination, post

Treatment objective: disinfection

Contact name: DRESLER, STANLEY Original name: DRESLER, STANLEY

PO BOX 309 Contact phone: 630-920-8350 Contact address1:

Contact address2: Not Reported Contact city: HINSDALE 60522 Contact zip:

PWS ID: IL0895185

Date Initiated: Not Reported Date Deactivated: Not Reported

PWS Name: **DEARBORN MHP**

AURORA, IL 60566

Addressee / Facility: Not Reported

41 46 5.0000 Facility Longitude: Facility Latitude: 88 16 25.0000

City Served: **AURORA**

Treatment Class: Treated Population: 32

PWS currently has or had major violation(s) or enforcement: YES

VIOLATIONS INFORMATION:

PWS Phone: Violation ID: 9322835 Source ID: 000 Not Reported 01/01/93 Vio. end Date: Vio. beginning Date: 12/31/93 Vio. Period: 012 Months

Num required Samples: Not Reported Number of Samples Taken: 000

Not Reported Analysis Result: Maximum Contaminant Level: Not Reported

Analysis Method: Not Reported

Violation Type: Monitoring, Regular TC2800629.2s Page A-39 Contaminant: **NITRATE**

Not Reported Page 1286 Of 2624s Date:

Violation ID: 9422836 Source ID: Not Reported PWS Phone: Not Reported Vio. beginning Date: 02/01/94 Vio. end Date: 02/28/94 Vio. Period: 001 Months

Num required Samples: Not Reported Number of Samples Taken: Not Reported Analysis Result: Not Reported Maximum Contaminant Level: Not Reported

Analysis Method: Not Reported

Violation Type: Monitoring, Routine Major (TCR)

Contaminant: COLIFORM (TCR)
Vio. Awareness Date: Not Reported

Violation ID:9422837Source ID:Not ReportedPWS Phone:Not ReportedVio. beginning Date:03/01/94Vio. end Date:03/31/94Vio. Period:001 Months

Num required Samples: Not Reported Analysis Result: Not Reported Maximum Contaminant Level: Not Reported Analysis Method: Not Reported

Analysis Method: Not Reported
Violation Type: Monitoring, Routine Major (TCR)

Contaminant: COLIFORM (TCR)
Vio. Awareness Date: Not Reported

Violation ID: 9424567 Source ID: Not Reported PWS Phone: Not Reported Vio. beginning Date: 01/01/94 Vio. end Date: 06/30/94 Vio. Period: 006 Months

Num required Samples:Not ReportedNumber of Samples Taken:Not ReportedAnalysis Result:Not ReportedMaximum Contaminant Level:Not Reported

Analysis Method: Not Reported

Violation Type: Initial Tap Sampling for Pb and Cu

Contaminant: LEAD & COPPER RULE

Vio. Awareness Date: Not Reported

Violation ID: 9424566 Source ID: Not Reported PWS Phone: Not Reported Vio. beginning Date: 05/01/94 Vio. end Date: 05/31/94 Vio. Period: 001 Months

Num required Samples: Not Reported Number of Samples Taken: Not Reported Analysis Result: Not Reported Maximum Contaminant Level: Not Reported

Analysis Method: Not Reported

Violation Type: Monitoring, Routine Major (TCR)

Not Reported

Not Reported

Contaminant: COLIFORM (TCR)
Vio. Awareness Date: Not Reported

Vio. Awareness Date:

Vio. Awareness Date:

Violation ID: 9424565 Source ID: 000 PWS Phone: Not Reported Vio. beginning Date: 04/01/94 Vio. end Date: 06/30/94 Vio. Period: 003 Months

Vio. beginning Date: 04/01/94 Vio. end Date: 06/30/94 Vio. Peric Num required Samples: Not Reported Number of Samples Taken: 000

Analysis Result: Not Reported Maximum Contaminant Level: Not Reported
Analysis Method: Not Reported
Violation Type: Monitoring, Regular
Contaminant: STYRENE Not Reported

Violation ID: 9424564 Source ID: 000 PWS Phone: Not Reported Vio. beginning Date: 04/01/94 Vio. end Date: 06/30/94 Vio. Period: 003 Months

Num required Samples: Not Reported Number of Samples Taken: 000

Analysis Result: Not Reported Maximum Contaminant Level: Not Reported
Analysis Method: Not Reported
Violation Type: Monitoring, Regular
Contaminant: ETHYLBENZENE

Violation ID: 9424563 Source ID: 000 PWS Phone: Not Reported Vio. beginning Date: 04/01/94 Vio. end Date: 06/30/94 Vio. Period: 003 Months

Num required Samples: Not Reported Number of Samples Taken: 000

Analysis Result: Not Reported Maximum Contaminant Level: Not Reported

Analysis Method: Not Reported Violation Type: Monitoring, Regular Contaminant: **TOLUENE**

Vio. Awareness Date: Not Reported

Violation ID: 9424562 Source ID: 000 PWS Phone: Not Reported Vio. beginning Date: 04/01/94 Vio. end Date: 06/30/94 Vio. Period: 003 Months

Num required Samples: Not Reported Number of Samples Taken: 000

Analysis Result: Not Reported Maximum Contaminant Level: Not Reported

Analysis Method: Not Reported Violation Type: Monitoring, Regular Contaminant: **BENZENE** Vio. Awareness Date: Not Reported

Violation ID: 9424561 Source ID: 000 PWS Phone: Not Reported 04/01/94 06/30/94 Vio. Period: 003 Months Vio. beginning Date: Vio. end Date:

Num required Samples: Not Reported Number of Samples Taken: 000

Analysis Result: Not Reported Maximum Contaminant Level: Not Reported

Not Reported Analysis Method: Violation Type: Monitoring, Regular

Contaminant: MONOCHLOROBENZENE (CHLOROBENZENE)

Vio. Awareness Date: Not Reported

Source ID: Violation ID: 9424560 000 PWS Phone: Not Reported Vio. beginning Date: 04/01/94 Vio. end Date: 06/30/94 Vio. Period: 003 Months

Num required Samples: Not Reported Number of Samples Taken: 000

Analysis Result: Not Reported Maximum Contaminant Level: Not Reported

Analysis Method: Not Reported Monitoring, Regular Violation Type:

Contaminant: **TETRACHLOROETHYLENE**

Vio. Awareness Date: Not Reported

PWS Phone: Violation ID: 9424559 Source ID: 000 Not Reported Vio. beginning Date: 04/01/94 Vio. end Date: 06/30/94 Vio. Period: 003 Months

Num required Samples: Not Reported Number of Samples Taken: 000

Analysis Result: Not Reported Maximum Contaminant Level: Not Reported

Analysis Method: Not Reported Monitoring, Regular Violation Type: TRICHLOROETHYLENE Contaminant:

Vio. Awareness Date: Not Reported

Violation ID: 9424558 Source ID: 000 PWS Phone: Not Reported Vio. Period: 06/30/94 003 Months Vio. beginning Date: 04/01/94 Vio. end Date:

Num required Samples: Not Reported Number of Samples Taken: 000

Analysis Result: Not Reported Maximum Contaminant Level: Not Reported

Analysis Method: Not Reported Monitoring, Regular Violation Type: Contaminant: 1,2-DICHLOROPROPANE

Vio. Awareness Date: Not Reported

Violation ID: 9424557 Source ID: 000 PWS Phone: Not Reported Vio. beginning Date: 04/01/94 Vio. end Date: 06/30/94 Vio. Period: 003 Months

Num required Samples: Not Reported Number of Samples Taken: 000

Analysis Result: Not Reported Maximum Contaminant Level: Not Reported

Analysis Method: Not Reported
Violation Type: Monitoring, Regular

Contaminant: CARBON TETRACHLORIDE

Vio. Awareness Date: Not Reported

Violation ID:9424556Source ID:000PWS Phone:Not ReportedVio. beginning Date:04/01/94Vio. end Date:06/30/94Vio. Period:003 Months

Num required Samples: Not Reported Number of Samples Taken: 000

Analysis Result: Not Reported Maximum Contaminant Level: Not Reported

Analysis Method: Not Reported
Violation Type: Monitoring, Regular

Contaminant: 1,1,1-TRICHLOROETHANE

Vio. Awareness Date: Not Reported

Violation ID: 9424555 Source ID: 000 PWS Phone: Not Reported Vio. beginning Date: 04/01/94 Vio. end Date: 06/30/94 Vio. Period: 003 Months

Num required Samples: Not Reported Number of Samples Taken: 000

Analysis Result: Not Reported Maximum Contaminant Level: Not Reported

Analysis Method: Not Reported
Violation Type: Monitoring, Regular
Contaminant: 1,2-DICHLOROETHANE

Vio. Awareness Date: Not Reported

Violation ID: 9424554 Source ID: 000 PWS Phone: Not Reported Vio. beginning Date: 04/01/94 Vio. end Date: 06/30/94 Vio. Period: 003 Months

Num required Samples: Not Reported Number of Samples Taken: 000

Analysis Result: Not Reported Maximum Contaminant Level: Not Reported

Analysis Method: Not Reported
Violation Type: Monitoring, Regular

Contaminant: TRANS-1,2-DICHLOROETHYLENE

Vio. Awareness Date: Not Reported

Violation ID: 9424553 Source ID: 000 PWS Phone: Not Reported Vio. beginning Date: 04/01/94 Vio. end Date: 06/30/94 Vio. Period: 003 Months

Num required Samples: Not Reported Number of Samples Taken: 000

Analysis Result: Not Reported Maximum Contaminant Level: Not Reported

Analysis Method: Not Reported
Violation Type: Monitoring, Regular
Contaminant: 1,1-DICHLOROETHYLENE

Vio. Awareness Date: Not Reported

Violation ID: 9424552 Source ID: 000 PWS Phone: Not Reported Vio. beginning Date: 04/01/94 Vio. end Date: 06/30/94 Vio. Period: 003 Months

Num required Samples: Not Reported Number of Samples Taken: 000

Analysis Result: Not Reported Maximum Contaminant Level: Not Reported
Analysis Method: Not Reported
Violation Type: Monitoring Regular

Violation Type: Monitoring, Regular
Contaminant: P-DICHLOROBENZENE

Vio. Awareness Date: Not Reported

Violation ID: 9424551 Source ID: 000 PWS Phone: Not Reported Vio. beginning Date: 04/01/94 Vio. end Date: 06/30/94 Vio. Period: 003 Months

Num required Samples: Not Reported Number of Samples Taken: 000

Analysis Result: Not Reported Maximum Contaminant Level: Not Reported

Analysis Method: Not Reported
Violation Type: Monitoring, Regular
Contaminant: O-DICHLOROBENZENE

Vio. Awareness Date: Not Reported

Violation ID:9424550Source ID:000PWS Phone:Not ReportedVio. beginning Date:04/01/94Vio. end Date:06/30/94Vio. Period:003 Months

Num required Samples:Not ReportedNumber of Samples Taken:000Analysis Result:Not ReportedMaximum Contaminant Level:Not Reported

Analysis Result:
Analysis Method:
Violation Type:
Contaminant:
Vio. Awareness Date:

Not Reported
Monitoring, Regular
XYLENES, TOTAL
Not Reported

Violation ID:9424549Source ID:000PWS Phone:Not ReportedVio. beginning Date:04/01/94Vio. end Date:06/30/94Vio. Period:003 Months

Num required Samples: Not Reported Number of Samples Taken: 000

Analysis Result: Not Reported Maximum Contaminant Level: Not Reported

Analysis Method: Not Reported
Violation Type: Monitoring, Regular

Contaminant: CIS-1,2-DICHLOROETHYLENE

Vio. Awareness Date: Not Reported

Violation ID: 9321129 Source ID: Not Reported PWS Phone: Not Reported Vio. beginning Date: 04/01/93 Vio. end Date: 09/30/93 Vio. Period: 006 Months

Num required Samples: Not Reported Number of Samples Taken: Not Reported Analysis Result: Not Reported Maximum Contaminant Level: Not Reported

Analysis Method: Not Reported

Violation Type: Initial Tap Sampling for Pb and Cu

Contaminant: LEAD & COPPER RULE

Vio. Awareness Date: Not Reported

ENFORCEMENT INFORMATION:

System Name: DEARBORN MHP

Violation Type: Monitoring, Routine Minor (TCR)

Contaminant: COLIFORM (TCR)

Compliance Period: 3/1/2001 0:00:00 - 3/31/2001 0:00:00

Violation ID: 5295201

Enforcement Date: 5/15/2001 0:00:00 Enf. Action: State Violation/Reminder Notice

System Name: DEARBORN MHP

Violation Type: Monitoring, Routine Minor (TCR)

Contaminant: COLIFORM (TCR)

Compliance Period: 3/1/2001 0:00:00 - 3/31/2001 0:00:00

Violation ID: 5295201

Enforcement Date: 5/15/2001 0:00:00 Enf. Action: State Public Notif Requested

System Name: DEARBORN MHP

Violation Type: Monitoring, Routine Minor (TCR)

Contaminant: COLIFORM (TCR)

Compliance Period: 3/1/2001 0:00:00 - 3/31/2001 0:00:00

Violation ID: 5295201

Enforcement Date: 5/15/2001 0:00:00 Enf. Action: State Violation/Reminder Notice

ENFORCEMENT INFORMATION:

System Name: DEARBORN MHP

Violation Type: Monitoring, Routine Minor (TCR)

Contaminant: COLIFORM (TCR)

Compliance Period: 3/1/2001 0:00:00 - 3/31/2001 0:00:00

Violation ID: 5295201

Enforcement Date: 5/15/2001 0:00:00 Enf. Action: State Public Notif Requested

System Name: DEARBORN MHP

Violation Type: Monitoring, Repeat Major (TCR)

Contaminant: COLIFORM (TCR)

Compliance Period: 2/1/2001 0:00:00 - 2/28/2001 0:00:00

Violation ID: 5295301

Enforcement Date: 4/15/2001 0:00:00 Enf. Action: State Violation/Reminder Notice

System Name: DEARBORN MHP

Violation Type: Monitoring, Repeat Major (TCR)

Contaminant: COLIFORM (TCR)

Compliance Period: 2/1/2001 0:00:00 - 2/28/2001 0:00:00

Violation ID: 5295301

Enforcement Date: 4/15/2001 0:00:00 Enf. Action: State Public Notif Requested

System Name: DEARBORN MHP

Violation Type: Monitoring, Repeat Major (TCR)

Contaminant: COLIFORM (TCR)

Compliance Period: 2/1/2001 0:00:00 - 2/28/2001 0:00:00

Violation ID: 5295301

Enforcement Date: 4/15/2001 0:00:00 Enf. Action: State Violation/Reminder Notice

System Name: DEARBORN MHP

Violation Type: Monitoring, Repeat Major (TCR)

Contaminant: COLIFORM (TCR)

Compliance Period: 2/1/2001 0:00:00 - 2/28/2001 0:00:00

Violation ID: 5295301

Enforcement Date: 4/15/2001 0:00:00 Enf. Action: State Public Notif Requested

System Name: DEARBORN MHP

Violation Type: Monitoring, Routine Major (TCR)

Contaminant: COLIFORM (TCR)

Compliance Period: 5/1/2002 0:00:00 - 5/31/2002 0:00:00

Violation ID: 5601202

Enforcement Date: 8/29/2002 0:00:00 Enf. Action: State Public Notif Requested

System Name: DEARBORN MHP

Violation Type: Monitoring, Routine Major (TCR)

Contaminant: COLIFORM (TCR)

Compliance Period: 5/1/2002 0:00:00 - 5/31/2002 0:00:00

Violation ID: 5601202

Enforcement Date: 8/29/2002 0:00:00 Enf. Action: State Public Notif Requested

System Name: DEARBORN MHP

Violation Type: Monitoring, Routine Major (TCR)

Contaminant: COLIFORM (TCR)

Compliance Period: 5/1/2002 0:00:00 - 5/31/2002 0:00:00

Violation ID: 5601202

Enforcement Date: 8/29/2002 0:00:00 Enf. Action: State Violation/Reminder Notice

System Name: DEARBORN MHP

Violation Type: Monitoring, Routine Major (TCR)

Contaminant: COLIFORM (TCR)

Compliance Period: 5/1/2002 0:00:00 - 5/31/2002 0:00:00

Violation ID: 5601202

Enforcement Date: 8/29/2002 0:00:00 Enf. Action: State Violation/Reminder Notice

ENFORCEMENT INFORMATION:

System Name: DEARBORN MHP

Violation Type: Monitoring and Reporting Stage 1

Contaminant: 0999

Compliance Period: 4/1/2004 0:00:00 - 6/30/2004 0:00:00

Violation ID: 5601704

Enforcement Date: 8/26/2004 0:00:00 Enf. Action: State Compliance Achieved

System Name: DEARBORN MHP

Violation Type: Monitoring and Reporting Stage 1

Contaminant: 0999

Compliance Period: 4/1/2004 0:00:00 - 6/30/2004 0:00:00

Violation ID: 5601704

Enforcement Date: 8/24/2004 0:00:00 Enf. Action: State Public Notif Requested

System Name: DEARBORN MHP

Violation Type: Monitoring and Reporting Stage 1

Contaminant: 0999

Compliance Period: 4/1/2004 0:00:00 - 6/30/2004 0:00:00

Violation ID: 5601704

Enforcement Date: 8/26/2004 0:00:00 Enf. Action: State Compliance Achieved

System Name: DEARBORN MHP

Violation Type: Monitoring and Reporting Stage 1

Contaminant: 0999

Compliance Period: 4/1/2004 0:00:00 - 6/30/2004 0:00:00

Violation ID: 5601704

Enforcement Date: 8/24/2004 0:00:00 Enf. Action: State Public Notif Requested

System Name: DEARBORN MHP

Violation Type: Monitoring and Reporting Stage 1

Contaminant: 0999

Compliance Period: 4/1/2004 0:00:00 - 6/30/2004 0:00:00

Violation ID: 5601704

Enforcement Date: 8/24/2004 0:00:00 Enf. Action: State Violation/Reminder Notice

System Name: DEARBORN MHP

Violation Type: Monitoring and Reporting Stage 1

Contaminant: 0999

Compliance Period: 4/1/2004 0:00:00 - 6/30/2004 0:00:00

Violation ID: 5601704

Enforcement Date: 11/29/2005 0:00:00 Enf. Action: State Public Notif Received

System Name: DEARBORN MHP

Violation Type: Monitoring and Reporting Stage 1

Contaminant: 0999

Compliance Period: 4/1/2004 0:00:00 - 6/30/2004 0:00:00

Violation ID: 5601704

Enforcement Date: 8/24/2004 0:00:00 Enf. Action: State Violation/Reminder Notice

System Name: DEARBORN MHP

Violation Type: Monitoring and Reporting Stage 1

Contaminant: 0999

Compliance Period: 4/1/2004 0:00:00 - 6/30/2004 0:00:00

Violation ID: 5601704

Enforcement Date: 11/29/2005 0:00:00 Enf. Action: State Public Notif Received

System Name: DEARBORN MHP

Violation Type: Monitoring and Reporting Stage 1

Contaminant: 0999

Compliance Period: 7/1/2004 0:00:00 - 9/30/2004 0:00:00

Violation ID: 5601805

Enforcement Date: 10/7/2004 0:00:00 Enf. Action: State Violation/Reminder Notice

ENFORCEMENT INFORMATION:

System Name: DEARBORN MHP

Violation Type: Monitoring and Reporting Stage 1

Contaminant: 0999

Compliance Period: 7/1/2004 0:00:00 - 9/30/2004 0:00:00

Violation ID: 5601805

Enforcement Date: 8/26/2004 0:00:00 Enf. Action: State Compliance Achieved

System Name: DEARBORN MHP

Violation Type: Monitoring and Reporting Stage 1

Contaminant: 0999

Compliance Period: 7/1/2004 0:00:00 - 9/30/2004 0:00:00

Violation ID: 5601805

Enforcement Date: 8/26/2004 0:00:00 Enf. Action: State Compliance Achieved

System Name: DEARBORN MHP

Violation Type: Monitoring and Reporting Stage 1

Contaminant: 0999

Compliance Period: 7/1/2004 0:00:00 - 9/30/2004 0:00:00

Violation ID: 5601805

Enforcement Date: 11/29/2005 0:00:00 Enf. Action: State Public Notif Received

System Name: DEARBORN MHP

Violation Type: Monitoring and Reporting Stage 1

Contaminant: 0999

Compliance Period: 7/1/2004 0:00:00 - 9/30/2004 0:00:00

Violation ID: 5601805

Enforcement Date: 10/7/2004 0:00:00 Enf. Action: State Public Notif Requested

System Name: DEARBORN MHP

Violation Type: Monitoring and Reporting Stage 1

Contaminant: 0999

Compliance Period: 7/1/2004 0:00:00 - 9/30/2004 0:00:00

Violation ID: 5601805

Enforcement Date: 11/29/2005 0:00:00 Enf. Action: State Public Notif Received

System Name: DEARBORN MHP

Violation Type: Monitoring and Reporting Stage 1

Contaminant: 0999

Compliance Period: 7/1/2004 0:00:00 - 9/30/2004 0:00:00

Violation ID: 5601805

Enforcement Date: 10/7/2004 0:00:00 Enf. Action: State Violation/Reminder Notice

System Name: DEARBORN MHP

Violation Type: Monitoring and Reporting Stage 1

Contaminant: 0999

Compliance Period: 7/1/2004 0:00:00 - 9/30/2004 0:00:00

Violation ID: 5601805

Enforcement Date: 10/7/2004 0:00:00 Enf. Action: State Public Notif Requested

System Name: DEARBORN MHP

Violation Type: PN Violation for NPDWR Violation

Contaminant: 7500

Compliance Period: 8/4/2005 0:00:00 - 11/29/2005 0:00:00

Violation ID: 5602705

Enforcement Date: 9/14/2005 0:00:00 Enf. Action: State Violation/Reminder Notice

System Name: DEARBORN MHP

Violation Type: PN Violation for NPDWR Violation

Contaminant: 7500

Compliance Period: 8/4/2005 0:00:00 - 11/29/2005 0:00:00

Violation ID: 5602705

Enforcement Date: 12/5/2005 0:00:00 Enf. Action: State BCA Signed

ENFORCEMENT INFORMATION:

System Name: DEARBORN MHP

Violation Type: PN Violation for NPDWR Violation

Contaminant: 7500

Compliance Period: 8/4/2005 0:00:00 - 11/29/2005 0:00:00

Violation ID: 5602705

Enforcement Date: 11/29/2005 0:00:00 Enf. Action: State Compliance Achieved

System Name: DEARBORN MHP

Violation Type: PN Violation for NPDWR Violation

Contaminant: 7500

Compliance Period: 8/4/2005 0:00:00 - 11/29/2005 0:00:00

Violation ID: 5602705

Enforcement Date: 10/27/2005 0:00:00 Enf. Action: State Formal NOV Issued

System Name: DEARBORN MHP

Violation Type: PN Violation for NPDWR Violation

Contaminant: 7500

Compliance Period: 8/4/2005 0:00:00 - 11/29/2005 0:00:00

Violation ID: 5602705

Enforcement Date: 10/27/2005 0:00:00 Enf. Action: State Formal NOV Issued

System Name: DEARBORN MHP

Violation Type: PN Violation for NPDWR Violation

Contaminant: 7500

Compliance Period: 8/4/2005 0:00:00 - 11/29/2005 0:00:00

Violation ID: 5602705

Enforcement Date: 11/29/2005 0:00:00 Enf. Action: State Compliance Achieved

System Name: DEARBORN MHP

Violation Type: PN Violation for NPDWR Violation

Contaminant: 7500

Compliance Period: 8/4/2005 0:00:00 - 11/29/2005 0:00:00

Violation ID: 5602705

Enforcement Date: 12/5/2005 0:00:00 Enf. Action: State BCA Signed

System Name: DEARBORN MHP

Violation Type: PN Violation for NPDWR Violation

Contaminant: 7500

Compliance Period: 8/4/2005 0:00:00 - 11/29/2005 0:00:00

Violation ID: 5602705

Enforcement Date: 9/14/2005 0:00:00 Enf. Action: State Violation/Reminder Notice

System Name: DEARBORN MHP

Violation Type: Other Non-NPDWR Potential Health Risks

Contaminant: 7500

Compliance Period: 8/4/2005 0:00:00 - 11/29/2005 0:00:00

Violation ID: 5602805

Enforcement Date: 12/5/2005 0:00:00 Enf. Action: State BCA Signed

System Name: DEARBORN MHP

Violation Type: Other Non-NPDWR Potential Health Risks Contaminant: 7500

Compliance Period: 8/4/2005 0:00:00 - 11/29/2005 0:00:00 Violation ID: 5602805

Enforcement Date: 11/29/2005 0:00:00 Enf. Action: State Compliance Achieved

System Name: DEARBORN MHP

Violation Type: Other Non-NPDWR Potential Health Risks

Contaminant: 7500

Compliance Period: 8/4/2005 0:00:00 - 11/29/2005 0:00:00

Violation ID: 5602805

Enforcement Date: 9/14/2005 0:00:00 Enf. Action: State Violation/Reminder Notice

ENFORCEMENT INFORMATION:

System Name: DEARBORN MHP

Violation Type: Other Non-NPDWR Potential Health Risks

Contaminant: 7500

Compliance Period: 8/4/2005 0:00:00 - 11/29/2005 0:00:00

Violation ID: 5602805

Enforcement Date: 9/14/2005 0:00:00 Enf. Action: State Violation/Reminder Notice

System Name: DEARBORN MHP

Violation Type: Other Non-NPDWR Potential Health Risks

Contaminant: 7500

Compliance Period: 8/4/2005 0:00:00 - 11/29/2005 0:00:00

Violation ID: 5602805

Enforcement Date: 12/5/2005 0:00:00 Enf. Action: State BCA Signed

System Name: DEARBORN MHP

Violation Type: Other Non-NPDWR Potential Health Risks

Contaminant: 7500

Compliance Period: 8/4/2005 0:00:00 - 11/29/2005 0:00:00

Violation ID: 5602805

Enforcement Date: 11/29/2005 0:00:00 Enf. Action: State Compliance Achieved

System Name: DEARBORN MHP

Violation Type: Other Non-NPDWR Potential Health Risks Contaminant: 7500

Compliance Period: 8/4/2005 0:00:00 - 11/29/2005 0:00:00

Violation ID: 5602805

Enforcement Date: 10/27/2005 0:00:00 Enf. Action: State Formal NOV Issued

System Name: DEARBORN MHP

Violation Type: Other Non-NPDWR Potential Health Risks

Contaminant: 7500

Compliance Period: 8/4/2005 0:00:00 - 11/29/2005 0:00:00

Violation ID: 5602805

Enforcement Date: 10/27/2005 0:00:00 Enf. Action: State Formal NOV Issued

System Name: DEARBORN MHP

Violation Type: PN Violation for NPDWR Violation

Contaminant: 7500

Compliance Period: 10/8/2005 0:00:00 - 11/29/2005 0:00:00

Violation ID: 5603106

Enforcement Date: 10/27/2005 0:00:00 Enf. Action: State Formal NOV Issued

System Name: DEARBORN MHP

Violation Type: PN Violation for NPDWR Violation

Contaminant: 7500

Compliance Period: 10/8/2005 0:00:00 - 11/29/2005 0:00:00

Violation ID: 5603106

Enforcement Date: 10/27/2005 0:00:00 Enf. Action: State Formal NOV Issued

System Name: DEARBORN MHP

Violation Type: PN Violation for NPDWR Violation

Contaminant: 7500

Compliance Period: 10/8/2005 0:00:00 - 11/29/2005 0:00:00

Violation ID: 5603106

Enforcement Date: 11/10/2005 0:00:00 Enf. Action: State Violation/Reminder Notice

System Name: DEARBORN MHP

Violation Type: PN Violation for NPDWR Violation

Contaminant: 7500

Compliance Period: 10/8/2005 0:00:00 - 11/29/2005 0:00:00

Violation ID: 5603106

Enforcement Date: 11/29/2005 0:00:00 Enf. Action: State Compliance Achieved

ENFORCEMENT INFORMATION:

System Name: DEARBORN MHP

Violation Type: PN Violation for NPDWR Violation

Contaminant: 7500

Compliance Period: 10/8/2005 0:00:00 - 11/29/2005 0:00:00

Violation ID: 5603106

Enforcement Date: 12/5/2005 0:00:00 Enf. Action: State BCA Signed

System Name: DEARBORN MHP

Violation Type: PN Violation for NPDWR Violation

Contaminant: 7500

Compliance Period: 10/8/2005 0:00:00 - 11/29/2005 0:00:00

Violation ID: 5603106

Enforcement Date: 12/5/2005 0:00:00 Enf. Action: State BCA Signed

System Name: DEARBORN MHP

Violation Type: PN Violation for NPDWR Violation

Contaminant: 7500

Compliance Period: 10/8/2005 0:00:00 - 11/29/2005 0:00:00

Violation ID: 5603106

Enforcement Date: 11/29/2005 0:00:00 Enf. Action: State Compliance Achieved

System Name: DEARBORN MHP

Violation Type: PN Violation for NPDWR Violation

Contaminant: 7500

Compliance Period: 10/8/2005 0:00:00 - 11/29/2005 0:00:00

Violation ID: 5603106

Enforcement Date: 11/10/2005 0:00:00 Enf. Action: State Violation/Reminder Notice

System Name: DEARBORN MHP

Violation Type: Other Non-NPDWR Potential Health Risks

Contaminant: 7500

Compliance Period: 10/8/2005 0:00:00 - 11/29/2005 0:00:00

Violation ID: 5603206

Enforcement Date: 11/10/2005 0:00:00 Enf. Action: State Violation/Reminder Notice

System Name: DEARBORN MHP

Violation Type: Other Non-NPDWR Potential Health Risks

Contaminant: 7500

Compliance Period: 10/8/2005 0:00:00 - 11/29/2005 0:00:00

Violation ID: 5603206

Enforcement Date: 11/29/2005 0:00:00 Enf. Action: State Compliance Achieved

System Name: DEARBORN MHP

Violation Type: Other Non-NPDWR Potential Health Risks

Contaminant: 7500

Compliance Period: 10/8/2005 0:00:00 - 11/29/2005 0:00:00

Violation ID: 5603206

Enforcement Date: 12/5/2005 0:00:00 Enf. Action: State BCA Signed

System Name: DEARBORN MHP

Violation Type: Other Non-NPDWR Potential Health Risks Contaminant: 7500
Compliance Period: 10/8/2005 0:00:00 - 11/29/2005 0:00:00

Violation ID: 5603206

Enforcement Date: 12/5/2005 0:00:00 Enf. Action: State BCA Signed

System Name: DEARBORN MHP

Violation Type: Other Non-NPDWR Potential Health Risks

Contaminant: 7500

Compliance Period: 10/8/2005 0:00:00 - 11/29/2005 0:00:00

Violation ID: 5603206

Enforcement Date: 11/29/2005 0:00:00 Enf. Action: State Compliance Achieved

ENFORCEMENT INFORMATION:

System Name: DEARBORN MHP

Violation Type: Other Non-NPDWR Potential Health Risks

Contaminant: 7500

Compliance Period: 10/8/2005 0:00:00 - 11/29/2005 0:00:00

Violation ID: 5603206

Enforcement Date: 11/10/2005 0:00:00 Enf. Action: State Violation/Reminder Notice

System Name: DEARBORN MHP

Violation Type: Other Non-NPDWR Potential Health Risks

Contaminant: 7500

Compliance Period: 10/8/2005 0:00:00 - 11/29/2005 0:00:00

Violation ID: 5603206

Enforcement Date: 10/27/2005 0:00:00 Enf. Action: State Formal NOV Issued

System Name: DEARBORN MHP

Violation Type: Other Non-NPDWR Potential Health Risks

Contaminant: 7500

Compliance Period: 10/8/2005 0:00:00 - 11/29/2005 0:00:00

Violation ID: 5603206

Enforcement Date: 10/27/2005 0:00:00 Enf. Action: State Formal NOV Issued

System Name: DEARBORN MHP

Violation Type: Monitoring and Reporting Stage 1

Contaminant: 0999

Compliance Period: 10/1/2005 0:00:00 - 12/31/2005 0:00:00

Violation ID: 5603506

Enforcement Date: 1/17/2006 0:00:00 Enf. Action: State Compliance Achieved

System Name: DEARBORN MHP

Violation Type: Monitoring and Reporting Stage 1

Contaminant: 0999

Compliance Period: 10/1/2005 0:00:00 - 12/31/2005 0:00:00

Violation ID: 5603506

Enforcement Date: 1/26/2006 0:00:00 Enf. Action: State Violation/Reminder Notice

System Name: DEARBORN MHP

Violation Type: Monitoring and Reporting Stage 1

Contaminant: 0999

Compliance Period: 10/1/2005 0:00:00 - 12/31/2005 0:00:00

Violation ID: 5603506

Enforcement Date: 1/26/2006 0:00:00 Enf. Action: State Public Notif Requested

System Name: DEARBORN MHP

Violation Type: Monitoring and Reporting Stage 1

Contaminant: 0999

Compliance Period: 10/1/2005 0:00:00 - 12/31/2005 0:00:00

Violation ID: 5603506

Enforcement Date: 1/26/2006 0:00:00 Enf. Action: State Public Notif Requested

System Name: DEARBORN MHP

Violation Type: Monitoring and Reporting Stage 1

Contaminant: 0999

Compliance Period: 10/1/2005 0:00:00 - 12/31/2005 0:00:00

Violation ID: 5603506

Enforcement Date: 1/26/2006 0:00:00 Enf. Action: State Violation/Reminder Notice

System Name: DEARBORN MHP

Violation Type: Monitoring and Reporting Stage 1

Contaminant: 0999

Compliance Period: 10/1/2005 0:00:00 - 12/31/2005 0:00:00

Violation ID: 5603506

Enforcement Date: 1/17/2006 0:00:00 Enf. Action: State Compliance Achieved

ENFORCEMENT INFORMATION:

System Name: DEARBORN MHP

Violation Type: Monitoring, Routine Major (TCR)

Contaminant: COLIFORM (TCR)

Compliance Period: 6/1/2006 0:00:00 - 6/30/2006 0:00:00

Violation ID: 5604006

Enforcement Date: 7/25/2006 0:00:00 Enf. Action: State Public Notif Requested

System Name: DEARBORN MHP

Violation Type: Monitoring, Routine Major (TCR)

Contaminant: COLIFORM (TCR)

Compliance Period: 6/1/2006 0:00:00 - 6/30/2006 0:00:00

Violation ID: 5604006

Enforcement Date: 7/25/2006 0:00:00 Enf. Action: State Violation/Reminder Notice

System Name: DEARBORN MHP

Violation Type: Monitoring, Routine Major (TCR)

Contaminant: COLIFORM (TCR)

Compliance Period: 6/1/2006 0:00:00 - 6/30/2006 0:00:00

Violation ID: 5604006

Enforcement Date: No Enf Action as of Enf. Action: 10/17/2006 0:00:00

System Name: DEARBORN MHP

Violation Type: Monitoring and Reporting Stage 1

Contaminant: 0999

Compliance Period: 4/1/2006 0:00:00 - 6/30/2006 0:00:00

Violation ID: 5604106

Enforcement Date: 7/26/2006 0:00:00 Enf. Action: State Public Notif Requested

System Name: DEARBORN MHP

Violation Type: Monitoring and Reporting Stage 1

Contaminant: 0999

Compliance Period: 4/1/2006 0:00:00 - 6/30/2006 0:00:00

Violation ID: 5604106

Enforcement Date: 8/1/2006 0:00:00 Enf. Action: State Public Notif Received

System Name: DEARBORN MHP

Violation Type: Monitoring and Reporting Stage 1

Contaminant: 0999

Compliance Period: 4/1/2006 0:00:00 - 6/30/2006 0:00:00

Violation ID: 5604106

Enforcement Date: No Enf Action as of Enf. Action: 10/17/2006 0:00:00

System Name: DEARBORN MHP

Violation Type: Monitoring and Reporting Stage 1

Contaminant: 0999

Compliance Period: 4/1/2006 0:00:00 - 6/30/2006 0:00:00

Violation ID: 5604106

Enforcement Date: 7/20/2006 0:00:00 Enf. Action: State Compliance Achieved

System Name: DEARBORN MHP

Violation Type: Monitoring and Reporting Stage 1

Contaminant: 0999

Compliance Period: 4/1/2006 0:00:00 - 6/30/2006 0:00:00

Violation ID: 5604106

Enforcement Date: 7/26/2006 0:00:00 Enf. Action: State Violation/Reminder Notice

System Name: DEARBORN MHP

Violation Type: Monitoring, Routine Major (TCR)

Contaminant: COLIFORM (TCR)

Compliance Period: 9/1/2006 0:00:00 - 9/30/2006 0:00:00

Violation ID: 5604207

Enforcement Date: 10/16/2006 0:00:00 Enf. Action: State Public Notif Requested

ENFORCEMENT INFORMATION:

System Name: DEARBORN MHP

Violation Type: Monitoring, Routine Major (TCR)

Contaminant: COLIFORM (TCR)

Compliance Period: 9/1/2006 0:00:00 - 9/30/2006 0:00:00

Violation ID: 5604207

Enforcement Date: 10/16/2006 0:00:00 Enf. Action: State Violation/Reminder Notice

System Name: DEARBORN MHP

Violation Type: Monitoring and Reporting Stage 1

Contaminant: 0999

Compliance Period: 7/1/2006 0:00:00 - 9/30/2006 0:00:00

Violation ID: 5604307

Enforcement Date: 10/17/2006 0:00:00 Enf. Action: State Violation/Reminder Notice

System Name: DEARBORN MHP

Violation Type: Monitoring and Reporting Stage 1

Contaminant: 0999

Compliance Period: 7/1/2006 0:00:00 - 9/30/2006 0:00:00

Violation ID: 5604307

Enforcement Date: 10/17/2006 0:00:00 Enf. Action: State Public Notif Requested

System Name: DEARBORN MHP

Violation Type: Monitoring and Reporting Stage 1

Contaminant: 0999

Compliance Period: 7/1/2006 0:00:00 - 9/30/2006 0:00:00

Violation ID: 5604307

Enforcement Date: 10/26/2006 0:00:00 Enf. Action: State Compliance Achieved

System Name: DEARBORN MHP

Violation Type: Initial Tap Sampling for Pb and Cu

Contaminant: LEAD & COPPER RULE Compliance Period: 1994-07-01 - 2015-12-31

Violation ID: 9321129 Enforcement Date: 1995-01-01

Enforcement Date: 1995-01-01 Enf. Action: State Compliance Achieved

System Name: DEARBORN MHP

Violation Type: Monitoring, Routine Major (TCR)

Contaminant: COLIFORM (TCR)
Compliance Period: 1994-02-01 - 1994-02-28

Violation ID: 9422836

Enforcement Date: 1994-04-07 Enf. Action: State Violation/Reminder Notice

System Name: DEARBORN MHP

Violation Type: Monitoring, Routine Major (TCR)

Contaminant: COLIFORM (TCR)
Compliance Period: 1994-02-01 - 1994-02-28

Violation ID: 9422836 Enforcement Date: 9422836

Enforcement Date: 1994-04-07 Enf. Action: State Public Notif Requested

System Name: DEARBORN MHP

Violation Type: Monitoring, Routine Major (TCR)

Contaminant: COLIFORM (TCR)
Compliance Period: 1994-03-01 - 1994-03-31

Violation ID: 9422837

Enforcement Date: 1994-05-12 Enf. Action: State Violation/Reminder Notice

System Name: DEARBORN MHP

Violation Type: Monitoring, Routine Major (TCR)

Contaminant: COLIFORM (TCR)
Compliance Period: 1994-03-01 - 1994-03-31

Violation ID: 9422837

Enforcement Date: 1994-05-12 Enf. Action: State Public Notif Requested

ENFORCEMENT INFORMATION:

System Name: DEARBORN MHP
Violation Type: Monitoring, Regular

Contaminant: CIS-1,2-DICHLOROETHYLENE Compliance Period: 1994-04-01 - 1994-06-30

Violation ID: 9424549

Enforcement Date: 1994-07-14 Enf. Action: State Violation/Reminder Notice

System Name: DEARBORN MHP
Violation Type: Monitoring, Regular

Contaminant: CIS-1,2-DICHLOROETHYLENE Compliance Period: 1994-04-01 - 1994-06-30

Violation ID: 9424549

Enforcement Date: 1994-07-14 Enf. Action: State Public Notif Requested

System Name: DEARBORN MHP
Violation Type: Monitoring, Regular

Contaminant: CIS-1,2-DICHLOROETHYLENE Compliance Period: 1994-04-01 - 1994-06-30

Violation ID: 9424549

Enforcement Date: 1994-11-09 Enf. Action: State Compliance Achieved

System Name: DEARBORN MHP
Violation Type: Monitoring, Regular
Contaminant: XYLENES, TOTAL
Compliance Period: 1994-04-01 - 1994-06-30

Violation ID: 1994-04-01 - 1994-04-04-01 - 1994-04-01 - 1994-04-01 - 1994-04-01 - 1994-04-01 - 1994-04-01 - 1994-04-01 - 1994-04-01 - 1994-04-01 - 1994-04-01 - 1994-04-01 - 1994-04-01 - 1994-04-01 - 1994-04-01 - 1994-04-01 - 1994-04-01 - 1994-04-01 - 1994-04-01 - 1994-04-01 - 1994-04-01 - 1

Enforcement Date: 1994-07-14 Enf. Action: State Violation/Reminder Notice

System Name: DEARBORN MHP
Violation Type: Monitoring, Regular
Contaminant: XYLENES, TOTAL
Compliance Period: 1994-04-01 - 1994-06-3

Compliance Period: 1994-04-01 - 1994-06-30 Violation ID: 9424550

Enforcement Date: 1994-07-14 Enf. Action: State Public Notif Requested

System Name: DEARBORN MHP
Violation Type: Monitoring, Regular
Contaminant: XYLENES, TOTAL
Compliance Period: 1994-04-01 - 1994-06-30

Violation ID: 9424550

Enforcement Date: 1994-11-09 Enf. Action: State Compliance Achieved

System Name: DEARBORN MHP
Violation Type: Monitoring, Regular
Contaminant: O-DICHLOROBENZENE
Compliance Period: 1994-04-01 - 1994-06-30

Violation ID: 9424551

Enforcement Date: 1994-07-14 Enf. Action: State Violation/Reminder Notice

System Name: DEARBORN MHP
Violation Type: Monitoring, Regular
Contaminant: O-DICHLOROBENZENE
Compliance Period: 1994-04-01 - 1994-06-30

Violation ID: 9424551

Enforcement Date: 1994-07-14 Enf. Action: State Public Notif Requested

System Name: DEARBORN MHP
Violation Type: Monitoring, Regular
Contaminant: O-DICHLOROBENZENE
Compliance Period: 1994-04-01 - 1994-06-30

Violation ID: 9424551

Enforcement Date: 1994-11-09 Enf. Action: State Compliance Achieved

ENFORCEMENT INFORMATION:

System Name: DEARBORN MHP
Violation Type: Monitoring, Regular
Contaminant: P-DICHLOROBENZENE
Compliance Period: 1994-04-01 - 1994-06-30

Violation ID: 9424552

Enforcement Date: 1994-07-14 Enf. Action: State Violation/Reminder Notice

System Name: DEARBORN MHP
Violation Type: Monitoring, Regular
Contaminant: P-DICHLOROBENZENE
Compliance Period: 1994-04-01 - 1994-06-30

Violation ID: 9424552

Enforcement Date: 1994-07-14 Enf. Action: State Public Notif Requested

System Name: DEARBORN MHP
Violation Type: Monitoring, Regular
Contaminant: P-DICHLOROBENZENE
Compliance Period: 1994-04-01 - 1994-06-30

Violation ID: 9424552 Enforcement Date: 1994-11-09

Enforcement Date: 1994-11-09 Enf. Action: State Compliance Achieved

System Name: DEARBORN MHP
Violation Type: Monitoring, Regular
Contaminant: 11-DICHLOROETHY

Contaminant: 1,1-DICHLOROETHYLENE
Compliance Period: 1994-04-01 - 1994-06-30

Violation ID: 9424553 Enforcement Date: 9424553

Enforcement Date: 1994-07-14 Enf. Action: State Violation/Reminder Notice

Enf. Action:

System Name: DEARBORN MHP
Violation Type: Monitoring, Regular
Contaminant: 1,1-DICHLOROETHYLENE
Compliance Period: 1994-04-01 - 1994-06-30

Contaminant: 1,1-DICHLOROETHYLENE
Compliance Period: 1994-04-01 - 1994-06-30
Violation ID: 9424553
Enforcement Date: 1994-07-14

System Name: DEARBORN MHP
Violation Type: Monitoring, Regular

Contaminant: 1,1-DICHLOROETHYLENE
Compliance Period: 1994-04-01 - 1994-06-30

Violation ID: 9424553

Enforcement Date: 1994-11-09 Enf. Action: State Compliance Achieved

System Name: DEARBORN MHP
Violation Type: Monitoring, Regular

Contaminant: TRANS-1,2-DICHLOROETHYLENE

Compliance Period: 1994-04-01 - 1994-06-30

Violation ID: 9424554

Enforcement Date: 1994-07-14 Enf. Action: State Violation/Reminder Notice

T81 WNW 1/2 - 1 Mile Higher

IL WELLS ILSG10000197711

State Public Notif Requested

Api number: 120892347600 Longitude: -88.273268 Latitude: 41.778067

 Section:
 13
 Twp:
 38

 Tdir:
 N
 Rng:
 8

 Rdir:
 E
 Farm name:
 Kresz Tony

Farm num: Not Reported Company na: Will-Dupage Drill Co.

 Status:
 WATER
 Elevation:
 0

 Elevref:
 Not Reported
 Total dept:
 145

 Wformation:
 Not Reported
 Wfmfrom:
 0

 Wfmto:
 0
 Pumpgpm:
 0

Site id: ILSG10000197711

T82
WNW IL WELLS ILSG10000197712

1/2 - 1 Mile Higher

> Api number: 120890040700 Longitude: -88.273268 Latitude: 41.778067

 Section:
 13
 Twp:
 38

 Tdir:
 N
 Rng:
 8

Rdir: E Farm name: Hubbard William Farm num: 1 Company na: Geltz, N. H.

Status:WATERElevation:0Elevref:Not ReportedTotal dept:173Wformation:Not ReportedWfmfrom:0Wfmto:0Pumpgpm:0

Site id: ILSG10000197712

\$83 WSW IL WELLS ILSG10000196670

1/2 - 1 Mile Lower

> Api number: 120892304200 Longitude: -88.27313 Latitude: 41.767117

 Section:
 24
 Twp:
 38

 Tdir:
 N
 Rng:
 8

Rdir: E Farm name: Property Addition
Farm num: B-3 Company na: Layne Western Co., Inc.

 Status:
 ENG
 Elevation:
 710

 Elevref:
 GL
 Total dept:
 20

 Wformation:
 Not Reported
 Wfmfrom:
 0

 Wfmto:
 0
 Pumpgpm:
 0

Site id: ILSG10000196670

S84

WSW 1/2 - 1 Mile Lower IL WELLS ILSG10000196671

 Api number:
 120893436700

 Longitude:
 -88.27313

 Latitude:
 41.767117

 Section:
 24
 Twp:
 38

 Tdir:
 N
 Rng:
 8

Rdir: E Farm name: Dearborn MHP Farm num: Not Reported Company na: Not Reported

Status:WATERElevation:0Elevref:Not ReportedTotal dept:169Wformation:Not ReportedWfmfrom:0Wfmto:0Pumpgpm:0

Site id: ILSG10000196671

\$85 WSW IL WELLS ILSG10000196672

1/2 - 1 Mile Lower

 Api number:
 120892304100

 Longitude:
 -88.27313

 Latitude:
 41.767117

 Section:
 24
 Twp:
 38

 Tdir:
 N
 Rng:
 8

Rdir: E Farm name: Property Addition
Farm num: B-1 Company na: Layne Western Co., Inc.

 Status:
 ENG
 Elevation:
 710

 Elevref:
 GL
 Total dept:
 20

 Wformation:
 Not Reported
 Wfmfrom:
 0

 Wfmto:
 0
 Pumpgpm:
 0

Site id: ILSG10000196672

86 South IL WELLS ILSG10000195952

1/2 - 1 Mile Higher

 Api number:
 120432623100

 Longitude:
 -88.257826

 Latitude:
 41.760177

 Section:
 19
 Twp:
 38

 Tdir:
 N
 Rng:
 9

Rdir: E Farm name: Magill, John D. Farm num: Not Reported Company na: Knierim, Phil

 Status:
 WATER
 Elevation:
 0

 Elevref:
 Not Reported
 Total dept:
 120

 Wformation:
 rock
 Wfmfrom:
 105

 Wfmto:
 120
 Pumpgpm:
 0

Site id: ILSG10000195952

87 NNW IL WELLS ILEP1000005416

1/2 - 1 Mile Higher

TC2800629.2s Page A-56

 Well id:
 01758
 W cws num:
 0894070

 W cws name:
 AURORA
 W status:
 P

 W suscept:
 Not Reported
 W policy:
 C

W suscept: Not Reported W policy:
W min setb: 200
W d depth: 1450

W aquifer: Not Reported Amb well: 0

X coord: 3334832.41055

Y coord: 3334832.41055

Pws status:ASdwis well:WL01758Sys number:IL0894070Api:Not Reported

Cwswell merg are: 0
Fac name: Not Reported
Facility n: Not Reported

Facility n: Not Reported Addr one t: Not Reported Addr two t: Not Reported

City name: Not Reported State code: Not Reported Zip code: Not Reported Fips cd: Not Reported Prn cnty: Not Reported Status cd: Not Reported Not Reported Fed type c: B name: Not Reported

Pop cnt: 0
Lat dec de: 0
Long dec d: 0

Meridian:Not ReportedTownship:Not ReportedRange:Not ReportedSection:Not ReportedUpdt ts:12/30/1899Site id:ILEP10000005416

P88 NW IL WELLS ILSG10000198098

1/2 - 1 Mile Higher

Api number:

Longitude: -88.269342 Latitude: 41.782178

120892284200

 Section:
 13
 Twp:
 38

 Tdir:
 N
 Rng:
 8

Rdir: E Farm name: Johannessen Kenneth

Farm num: 1 Company na: Geltz, N. H.

 Status:
 WATER
 Elevation:
 0

 Elevref:
 Not Reported
 Total dept:
 119

 Wformation:
 Not Reported
 Wfmfrom:
 0

 Wfmto:
 0
 Pumpgpm:
 0

Site id: ILSG10000198098

P89
NW
IL WELLS P34441
1/2 - 1 Mile
Higher

Well ID: Second ID: Not Reported

Info Source: IL Private Water Wells Survey

Owner: JIM POPP

Permit: M004826 Date Drilled: 00/00/1968

Depth (in feet): 121 Aquifer Type: KANE County Code: 089 County: Township: 38N Range: 08E Section: 13 Plot Location: ЗН Well Use: Well Type: Domestic

Record Type: Construction Report, Geology

Driller: GELTZ

P90 NW IL WELLS P34442

1/2 - 1 Mile Higher

Well ID: 066123 Second ID: Not Reported

Info Source: IL Private Water Wells Survey

Owner: KENNETH JOHANNESSEN

Permit: M041901 Date Drilled: 10/08/1975 Depth (in feet): 119 Aquifer Type: 089 **KANE** County Code: County: Township: 38N Range: 08E Section: 13 Plot Location: 3Н Well Use: Domestic Well Type:

Record Type: Construction Report, Geology

Driller: GELTZ

P91 NW IL WELLS P34440 1/2 - 1 Mile Higher

Well ID: Second ID: Not Reported

Info Source: IL Private Water Wells Survey

Owner: HENRY KOBULNICKY
Permit: M108415 Date Drilled:

Permit: M108415 07/28/1983 Depth (in feet): 100 Aquifer Type: County Code: 089 County: **KANE** 38N Township: 08E Range: Section: 13 Plot Location: 3Н Well Use: Domestic Well Type:

Record Type: Construction Report, Geology, Chemical Analysis

Driller: WARD

S92 WSW 1/2 - 1 Mile Higher

TC2800629.2s Page A-58

IL WELLS

P34569

Second ID:

Not Reported

Well ID: 066189

Info Source: IL Private Water Wells Survey

Owner: DUR-O-VAL OF ILL

M012363 Date Drilled: 00/00/1971 Permit: Depth (in feet): 308 Aquifer Type: 089 KANE County Code: County: Township: 38N Range: 08E Section: 24 Plot Location: 4H Well Use: IN Well Type:

Record Type: Construction Report, Geology

Driller: GELTZ

S93
WSW
IL WELLS P34568

1/2 - 1 Mile Higher

Well ID: 066188 Second ID: Not Reported

Info Source: IL Private Water Wells Survey

Owner: DUR-O-VAL OF ILL

Permit: M009187 Date Drilled: 00/00/1970 Depth (in feet): 200 Aquifer Type: 089 **KANE** County Code: County: Township: 38N Range: 08E Section: 24 Plot Location: 4H IN Well Use: Well Type:

Record Type: Construction Report, Geology

Driller: GELTZ

94
ENE
IL WELLS P13000

1/2 - 1 Mile Higher

Well ID: Second ID: Not Reported

Info Source: IL Private Water Wells Survey
Owner: TOM PHILLIPS

Date Drilled: Permit: 009635 03/01/1989 Depth (in feet): 220 Aquifer Type: Bedrock **DUPAGE** County Code: 043 County: 38N Township: 09E Range:

Township:38NRange:09ESection:17Plot Location:7EWell Use:DomesticWell Type:--

Record Type: Construction Report, Geology

Driller: KNIERIM

Q95
ENE IL WELLS ILSG10000197827

1/2 - 1 Mile Higher

Api number: 120430323200 Longitude: -88.243252 Latitude: 41.779047

Section: 17 Twp: 38 Tdir: Ν Rng: 9 Е Rdir: Farm name: Haiar D Farm num: Not Reported Company na: Pohl, Harold N.

Status: WATER Elevation: Not Reported Total dept: 144 Elevref: Wformation: Not Reported Wfmfrom: 0 0 Wfmto: Pumpgpm:

Site id: ILSG10000197827

U96 **IL WELLS** ILSG10000197191

West 1/2 - 1 Mile Higher

Api number: 120892278900 Longitude: -88.275603 Latitude: 41.772533

Section: 13 Twp: 38 Ν Tdir: Rng: 8

Е Rdir: Farm name: Strathmore Co. Plant Farm num: B-1 Company na: Layne Western Co., Inc.

Status: **ENG** Elevation: 710 Total dept: 20 Elevref: GL Wformation: Not Reported Wfmfrom: 0 0 Wfmto: Pumpgpm:

Site id: ILSG10000197191

V97 ESE **IL WELLS** P13030

1/2 - 1 Mile Higher

> Well ID: 181833 Second ID: Not Reported

IL Private Water Wells Survey Info Source:

Owner: AURORA THERMO GAS

061274 06/07/1977 Permit: Date Drilled: Depth (in feet): 216 Aquifer Type: Bedrock 043 **DUPAGE** County Code: County: Township: 38N Range: 09E Section: 20 Plot Location: 8G Well Use: Commercial Well Type:

Construction Report, Geology Record Type:

JAMES KNIERIM Driller:

98 NW 1/2 - 1 Mile Higher

IL WELLS ILSG10000198240

 Api number:
 120893636900

 Longitude:
 -88.268476

 Latitude:
 41.783301

 Section:
 12
 Twp:
 38

 Tdir:
 N
 Rng:
 8

 Rdir:
 E
 Farm name:
 Aurora

Farm num: 28 Company na: Water Well Solutions

Status:WATERElevation:0Elevref:Not ReportedTotal dept:1450Wformation:Not ReportedWfmfrom:0Wfmto:0Pumpgpm:0

Site id: ILSG10000198240

W99
West IL WELLS P34446

West 1/2 - 1 Mile Higher

Well ID: 066127 Second ID: Not Reported

Info Source: IL Private Water Wells Survey

Owner: DONALD J HOPP

Permit: Not Reported Date Drilled: 00/00/0000

Depth (in feet): 125 Aquifer Type: County Code: 089 County: **KANE** Township: 38N Range: 08E Section: 13 Plot Location: 5D Well Use: Domestic Well Type:

Record Type: Chemical Analysis
Driller: Not Reported

V100 ESE 1/2 - 1 Mile Higher

IL WELLS ILSG10000196580 /2 - 1 Mile

 Api number:
 120432525100

 Longitude:
 -88.243303

 Latitude:
 41.76591

 Section:
 20

 Section:
 20
 Twp:
 38

 Tdir:
 N
 Rng:
 9

 Pdir:
 Form name:
 Automatical contents

Rdir: E Farm name: Aurora Thermo Gas Farm num: Not Reported Company na: Knierim, James

Status:WATERElevation:0Elevref:Not ReportedTotal dept:216Wformation:rockWfmfrom:45Wfmto:216Pumpgpm:25

Site id: ILSG10000196580

101 West 1/2 - 1 Mile Lower

IL WELLS P34445

Well ID: 066126 Second ID: Not Reported

Info Source: IL Private Water Wells Survey

Owner: C B AND Q RR

Permit: Not Reported Date Drilled: 04/06/1944

Depth (in feet): 1358 Aquifer Type: KANE County Code: 089 County: Township: 38N Range: 08E Section: 13 Plot Location: 5B Well Use: IN Well Type:

Record Type: Chemical Analysis, Any other type of record

Driller: Not Reported

102 SSW IL WELLS ILSG10000195932

1/2 - 1 Mile Lower

> Api number: 120892260500 Longitude: -88.263413 Latitude: 41.760066

 Section:
 24
 Twp:
 38

 Tdir:
 N
 Rng:
 8

Rdir: E Farm name: Aurora Lincoln Merc

Farm num: 1 Company na: Geltz, N. H.

Status:WATERElevation:0Elevref:Not ReportedTotal dept:155Wformation:Not ReportedWfmfrom:0Wfmto:0Pumpgpm:0

Site id: ILSG10000195932

U103

West 1/2 - 1 Mile Higher

> Api number: 120892254700 Longitude: -88.275975

Latitude: 41.772917

 Section:
 13
 Twp:
 38

 Tdir:
 N
 Rng:
 8

Rdir: E Farm name: Riverdale Coat Co Farm num: B-6 Company na: Layne Western Co., Inc.

Status:ENGElevation:0Elevref:Not ReportedTotal dept:14Wformation:Not ReportedWfmfrom:0Wfmto:0Pumpgpm:0

Site id: ILSG10000197223

U104 West 1/2 - 1 Mile Higher

IL WELLS ILSG10000197242

ILSG10000197223

IL WELLS

 Api number:
 120892254600

 Longitude:
 -88.275982

 Latitude:
 41.773163

 Section:
 13
 Twp:
 38

 Tdir:
 N
 Rng:
 8

Rdir: E Farm name: Riverdale Coat Co Farm num: B-5 Company na: Layne Western Co., Inc.

Status:ENGElevation:0Elevref:Not ReportedTotal dept:14Wformation:Not ReportedWfmfrom:0Wfmto:0Pumpgpm:0

Site id: ILSG10000197242

W105
West IL WELLS ILSG10000197292

West 1/2 - 1 Mile Higher

 Api number:
 120892254500

 Longitude:
 -88.275995

 Latitude:
 41.773659

 Section:
 13
 Twp:
 38

 Tdir:
 N
 Rng:
 8

Rdir: E Farm name: Riverdale Coat Co Farm num: B-4 Company na: Layne Western Co., Inc.

 Status:
 ENG
 Elevation:
 710

 Elevref:
 GL
 Total dept:
 14

 Wformation:
 Not Reported
 Wfmfrom:
 0

 Wfmto:
 0
 Pumpgpm:
 0

Site id: ILSG10000197292

106 SW IL WELLS P34564

SW 1/2 - 1 Mile Higher

Well ID: 066184 Second ID: Not Reported

Info Source: IL Private Water Wells Survey
Owner: DOMIN AND SONS

Permit: M074446 Date Drilled: 05/18/1978

Depth (in feet): 130 Aquifer Type: 089 **KANE** County Code: County: Township: 38N Range: 08E Section: 24 Plot Location: 3F Well Use: Domestic Well Type:

Record Type: Construction Report, Geology

Driller: DUPAGE PUMP

107 SW 1/2 - 1 Mile Higher

IL WELLS P34563

Well ID: 066183 Second ID: Not Reported

Info Source: IL Private Water Wells Survey

Owner: ROMAN GONZALEZ

M021239 Date Drilled: 12/08/1972 Permit: Depth (in feet): 141 Aquifer Type: 089 **KANE** County Code: County: Township: 38N Range: 08E Section: 24 Plot Location: 2E Well Use: Domestic Well Type:

Record Type: Construction Report, Geology

Driller: GELTZ

X108
WNW IL WELLS ILSG10000197601

1/2 - 1 Mile Higher

> Api number: 120892895400 Longitude: -88.275479 Latitude: 41.776796

 Section:
 13
 Twp:
 38

 Tdir:
 N
 Rng:
 8

Rdir: E Farm name: Bartlett, Ron Farm num: Not Reported Company na: Neely, Mark S.

Status: WATER Elevation: 715 320 Elevref: GL Total dept: Wfmfrom: 295 Wformation: limestone Wfmto: 320 Pumpgpm: 15

Site id: ILSG10000197601

U109
West IL WELLS ILSG10000197222

West 1/2 - 1 Mile Higher

> Api number: 120892254200 Longitude: -88.276491 Latitude: 41.772903

 Section:
 13
 Twp:
 38

 Tdir:
 N
 Rng:
 8

Rdir: E Farm name: Riverdale Coat Co Farm num: B-1 Company na: Layne Western Co., Inc.

Status:ENGElevation:710Elevref:GLTotal dept:16Wformation:Not ReportedWfmfrom:0Wfmto:0Pumpgpm:0

Site id: ILSG10000197222

110 ENE IL WELLS ILSG10000197584

ENE 1/2 - 1 Mile Higher

TC2800629.2s Page A-64

 Api number:
 120432863700

 Longitude:
 -88.240888

 Latitude:
 41.776663

 Section:
 17
 Twp:
 38

 Tdir:
 N
 Rng:
 9

Rdir: E Farm name: Eola Post Office
Farm num: Not Reported Company na: Knierim, Phil

 Status:
 WATER
 Elevation:
 0

 Elevref:
 Not Reported
 Total dept:
 220

 Wformation:
 shale
 Wfmfrom:
 80

 Wfmto:
 220
 Pumpgpm:
 0

Site id: ILSG10000197584

U111
West IL WELLS ILSG10000197256

1/2 - 1 Mile Higher

> Api number: 120892254300 Longitude: -88.276499 Latitude: 41.773276

 Section:
 13
 Twp:
 38

 Tdir:
 N
 Rng:
 8

Rdir: E Farm name: Riverdale Coat Co Farm num: B-2 Company na: Layne Western Co., Inc.

 Status:
 ENG
 Elevation:
 0

 Elevref:
 Not Reported
 Total dept:
 14

 Wformation:
 Not Reported
 Wfmfrom:
 0

 Wfmto:
 0
 Pumpgpm:
 0

Site id: ILSG10000197256

112 SSW IL WELLS ILSG10000195936

1/2 - 1 Mile Higher

> Api number: 120890041000 Longitude: -88.265363 Latitude: 41.760108

 Section:
 24
 Twp:
 38

 Tdir:
 N
 Rng:
 8

 Rdir:
 E
 Farm name:
 Nadlers

 Farm num:
 1
 Company na:
 Touvell Albert R

 Status:
 WATER
 Elevation:
 0

 Elevref:
 Not Reported
 Total dept:
 160

 Wformation:
 Not Reported
 Wfmfrom:
 0

 Wfmto:
 0
 Pumpgpm:
 0

Site id: ILSG10000195936

W113 West 1/2 - 1 Mile Higher

IL WELLS ILSG10000197290

Api number: 120892254400 Longitude: -88.276507 Latitude: 41.773648

 Section:
 13
 Twp:
 38

 Tdir:
 N
 Rng:
 8

Rdir: E Farm name: Riverdale Coat Co Farm num: B-3 Company na: Layne Western Co., Inc.

Status:ENGElevation:0Elevref:Not ReportedTotal dept:14Wformation:Not ReportedWfmfrom:0Wfmto:0Pumpgpm:0

Site id: ILSG10000197290

X114 WNW IL WELLS ILSG10000197678

1/2 - 1 Mile Higher

> Api number: 120892895700 Longitude: -88.275497 Latitude: 41.777621

 Section:
 13
 Twp:
 38

 Tdir:
 N
 Rng:
 8

Rdir: E Farm name: Neisendorf, Robert
Farm num: 2 Company na: Weirich, William Theodore

Status:WATERElevation:715Elevref:GLTotal dept:110Wformation:limestoneWfmfrom:0Wfmto:0Pumpgpm:8

Site id: ILSG10000197678

115 NNW IL WELLS ILSG10000198333

1/2 - 1 Mile Higher

> Api number: 120892260400 Longitude: -88.267543 Latitude: 41.784702

 Section:
 12
 Twp:
 38

 Tdir:
 N
 Rng:
 8

 Rdir:
 E
 Farm name:
 We

Rdir:EFarm name:Welch J BFarm num:1Company na:Geltz, N. H.Status:WATERElevation:0

Elevref: Not Reported Total dept: 111
Wformation: Not Reported Wfmfrom: 0
Wfmto: 0 Pumpgpm: 0

Site id: ILSG10000198333

X116 WNW 1/2 - 1 Mile Higher

IL WELLS P34447

GEOCHECK®-PHYSICAL SETTING SOURCE MAP FINDINGS

Second ID:

Not Reported

Well ID: 066128

IL Private Water Wells Survey

Owner: RON BARTLETT

Permit: M109775 Date Drilled: 10/06/1983

Depth (in feet): 320 Aquifer Type: 089 **KANE** County Code: County: Township: 38N Range: 08E Section: 13 Plot Location: 5E Well Use: Well Type: Domestic

Record Type: Construction Report, Geology

Driller: NEELY

117 NE IL WELLS P13003

1/2 - 1 Mile Higher

Info Source:

Well ID: 181815 Second ID: Not Reported

Info Source: IL Private Water Wells Survey

Owner: AURORA VENTURE

Permit: Not Reported Date Drilled: 03/15/1989

Depth (in feet): 76 Aquifer Type:

County Code:043County:DUPAGETownship:38NRange:09ESection:17Plot Location:8HWell Use:DomesticWell Type:--

Record Type: Affidavit Driller: GELTZ

118
West IL WELLS ILSG10000197068

1/2 - 1 Mile Lower

> Api number: 120892240700 Longitude: -88.277188 Latitude: 41.771234

 Section:
 13
 Twp:
 38

 Tdir:
 N
 Rng:
 8

Rdir: E Farm name: City Auto Wrecker Farm num: Company na: Knierim Company, Inc.

 Status:
 WATER
 Elevation:
 700

 Elevref:
 GL
 Total dept:
 220

 Wformation:
 Not Reported
 Wfmfrom:
 0

 Wfmto:
 0
 Pumpgpm:
 0

Site id: ILSG10000197068

119 SW 1/2 - 1 Mile Lower

IL WELLS ILSG10000196146

GEOCHECK®-PHYSICAL SETTING SOURCE MAP FINDINGS

Api number: 120890050700 Longitude: -88.270694 Latitude: 41.761728

Section: 24 Twp: 38 Ν Tdir: Rng: 8

Rdir: Е Farm name: Dadin Gardens Farm num: 3 Company na: Geltz, N. H. WATER Elevation:

Status: Not Reported Total dept: 185 Elevref: Not Reported Wfmfrom: 0 Wformation: Wfmto: Pumpgpm: 0

Site id: ILSG10000196146

120 South 1/2 - 1 Mile Lower **IL WELLS** ILSG10000195754

Api number: 120432623000 Longitude: -88.255384 41.758404 Latitude:

38 Section: 19 Twp: Tdir: Ν Rng: 9

Rdir: Ε Duhai, John Farm name: Farm num: Not Reported Company na: Knierim, James

WATER Elevation: Status: Not Reported Elevref: Total dept: 120 Wformation: rock Wfmfrom: 50 Wfmto: 120 Pumpgpm: 0

ILSG10000195754 Site id:

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: IL Radon

Radon Test Results

Floor	# Sites	Min pCi/L	Avg pCi/L	Max pCi/L	# Sites>4pCi/L	# Sites>20	County
1st Floor bedroom	19	1.1	3.1	5.4	3	0	DUPAGE
Total	167	0.5	4.4	64.5	51	3	DUPAGE
Basement	135	0.5	4.8	64.5	47	3	DUPAGE
1st Floor living area	13	0.8	2.4	6.4	1	0	DUPAGE

Federal EPA Radon Zone for DUPAGE County: 2

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 60504

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor Living Area - 2nd Floor	0.400 pCi/L Not Reported	100% Not Reported	0% Not Reported	0% Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2009 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map. USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

TC2800629.2s Page A-70

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Records

Source: Illinois Geological Survey Telephone: 217-333-4747

Illinois Private Well Database and PICS (Public, Industrial, Commercial Survey)

Source: Illinois State Water Survey

Telephone: 217-333-9043

Water Well Location Information

Source: Illinois Environmental Protection Agency

Telephone: 217-782-0810

OTHER STATE DATABASE INFORMATION

RADON

State Database: IL Radon

Source: Department of Nuclear Safety

Telephone: 217-785-9958 County Radon Results

Area Radon Information Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency

(USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor

radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

TC2800629.2s Page A-71

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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TC2800629.2s Page A-72

Appendix D Interview Documentation

telephone record



Project	BNSF Eola Yard PESA	Project No.	142673
Time		Date	6/28/2010
Call to	Jim Cunningham	Phone No.	612.817.1587
Call from	Robin Martel	Phone No.	773.380.7935

Discussion, Agreement and/or Action

Jim Cunningham, BNSF, was contacted regarding the environmental conditions of the Eola Yard site. Mr. Cunningham stated that there was a collision between BNSF and Southern Pacific trains in the early 1990's were diesel fuel was spilled. The collision occurred on the western end of the yard near Farnsworth Road. At the time of the incident, 5,000 gallons of diesel fuel was estimated; however, it has been determined that more fuel was spilled that originally thought. Mr. Cunningham stated that a majority of the soil remained in place; however, some soils were moved to another location and remediated. He was not sure of the status of that "land farm". Some in-situ remediation did occur at the location of the spill due to the inability to remove the active tracks for complete excavation of the soils.

During investigations for the diesel fuel it was determined that there was a LUST nearby. This was a leasehold property that the BNSF owned. BNSF is in the process of remediating that site.

Mr. Cunningham stated that there are no more USTs on site. Tanks were removed from the fueling yard but were not leaking.

All of the environmental remediation activities are being conducted through the Illinois Site Remediation Program.

Mr. Cunningham is not aware of any other environmental conditions of the site. The on-site buildings are for office space/storage and maintenance for the maintenance-of-way equipment. The facility does have a NPDES permit and an SPCC and Stormwater Management Plan.

Mr. Cunningham stated that Mr. Michael Woolridge is currently working on the environmental remediation activities at the site and would have more information. Mr. Woolridge can be reached at 763.782.3483

telephone record



Project	BNSF Eola Yard PESA	Project No.	142673
			7/6/2010
Time		Date	7/6/2010
	N. 1 1777 1 1 1		E < 2 E > 2 4 > 2
Call to	Michael Woolridge	Phone No.	763.782.3483
Call from	Robin Martel	Phone No.	773.380.7935

Discussion, Agreement and/or Action

Mr. Michael Woolridge, BNSF, was contacted in regards to the environmental conditions of the Eola Yard project. I informed Mr. Woolridge that his contact information was provided by Mr. Jim Cunningham.

Mr. Woolridge indicated that there are currently 2-active projects that the BNSF is working on through the Illinois EPA, Site Remediation Program. Those projects are referred to as the Aurora Wholesale Auto and the Indian Creek Development. The Indian Creek Development project is due to the off-site migration of contaminants from the on-site collision of two trains in Eola Yard. The incident involved the release of diesel. The Aurora Wholesale Auto is from a leasehold property that BNSF is ultimately responsible for as the property owner.

Robin Martel asked Mr. Woolridge about the 55-gallon drum labeled as purge water that is currently sitting on-site. Mr. Woolridge indicated that under the direction of the IEPA, BNSF sampled the surrounding water supply wells. Mr. Woolridge also indicated that BNSF will be collecting sediment samples from the Indian Creek, as part of the remediation program for the project.

Robin Martel asked Mr. Woolridge if there are any soil management plans or special use restrictions on the Eola Yard. Mr. Woolridge indicated that there we not, but any contractors doing work on-site would need to stockpile, profile, and dispose of any contaminated soils in the proper manner.

Mr. Woolridge indicated that there are groundwater monitoring wells onsite.

Robin Martel asked if the areas of contamination have been delineated. Mr. Woolridge indicated that he could show the areas of contamination and the approximate limits on a map.

Ms. Martel agreed to send (via email), a map of the project so that Mr. Woolridge could mark the locations and send back to Ms. Martel.

Mr Woolridge was not aware of any violations and was not sure of the specific plans that are in place at the site.

telephone record



	DNGE E 1 W 1 DEG 1		1.10.650
Project	BNSF Eola Yard PESA	Project No.	142673
Time		Date	7/21/2010
Call to	Steve Skare	Phone No.	630.789.9336
Call from	Robin Martel	Phone No.	773.380.7935

Discussion, Agreement and/or Action

Steve Skare, EMR, was contacted regarding the environmental conditions of the Eola Yard site. Mr. Skare's firm is an environmental consultant working on site investigations/remediation with the BNSF at Eola Yard. Mr. Skare stated that there was an AST release in 2001 at Eola Yard. The site was remediated and closed. Mr. Skare also stated that there was a locomotive that leaked diesel fuel in 2008; this release is currently part of an ongoing investigation through the Illinois State Site unit.

Additional underground storage tanks have been removed from the site in the early 2000's but stated that they were determined to not be leaking.

Mr. Skare's firm is working on a LUST site located outside of Eola Yard, referred to as Wholesale Auto. This is a BNSF leasehold property located off the mainline tracks, east of the Fox River in downtown Aurora. Mr. Skare stated that this LUST was first reported in the early 1990's. Mr. Skare confirmed that this site is not located within Eola Yard. The site is located along Broadway and Illinois Streets in Aurora, Illinois. He understood that this is not a mainline track for the BNSF and is a spur line.

Appendix E Historical Research Documentation

Eola Yard Improvements Project Level EA

Eola Yard Improvements Project Level EA Aurora, IL 60502

Inquiry Number: 2800629.4

June 23, 2010

EDR Historical Topographic Map Report



EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

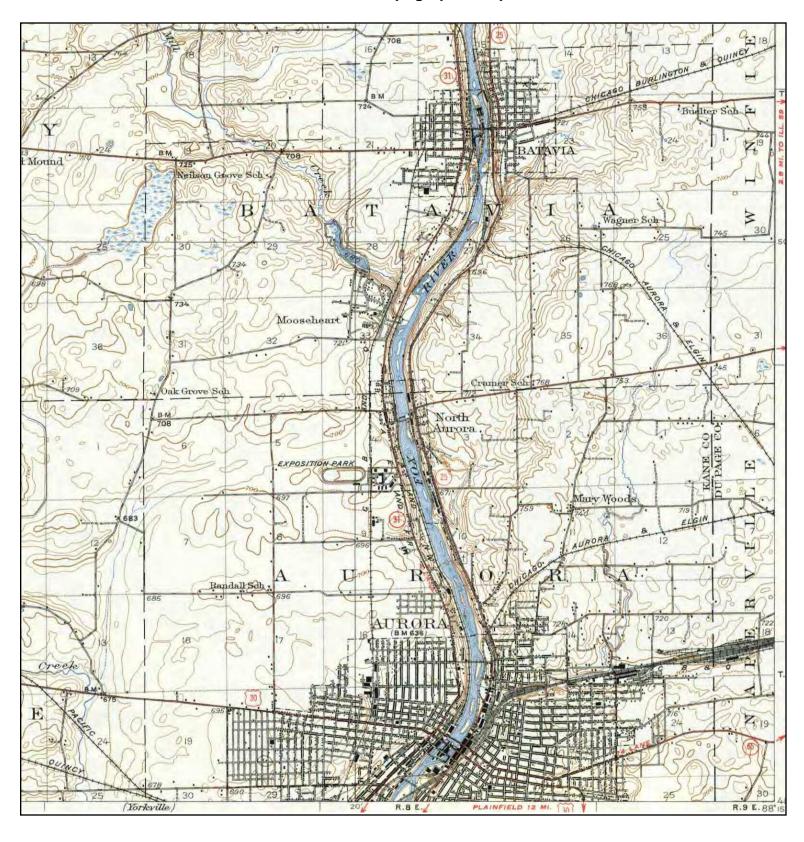
Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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TARGET QUAD

NAME: GENEVA

MAP YEAR: 1949

REVISED:1932

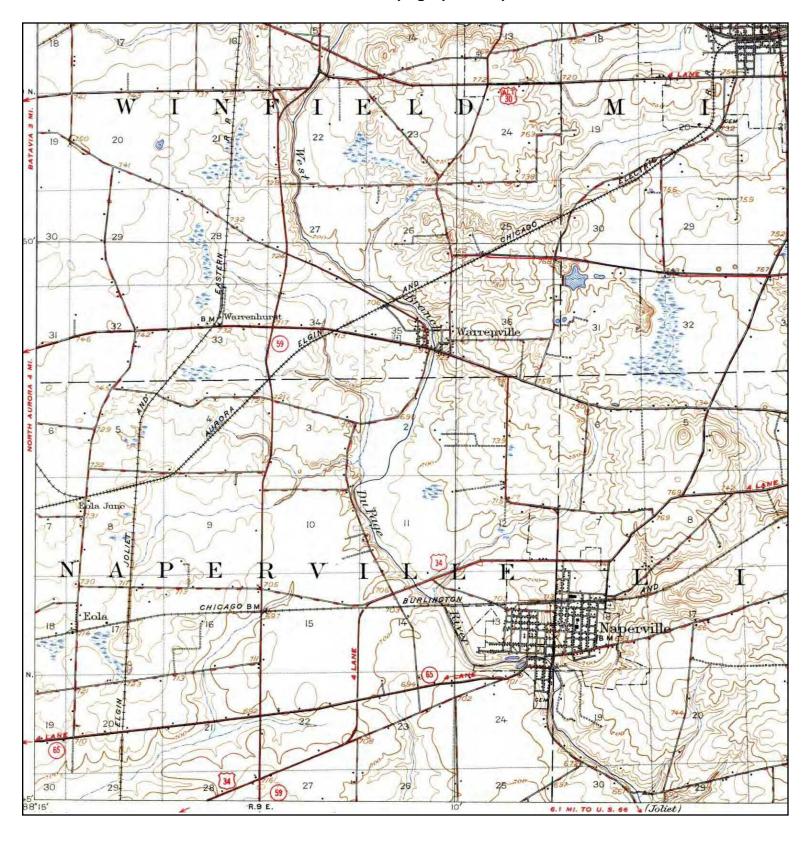
SERIES: 15 SCALE: 1:62500 SITE NAME: Eola Yard Improvements Project

Level EA

ADDRESS: Eola Yard Improvements Project

Level EA

Aurora, IL 60502 LAT/LONG: 41.7727 / -88.2583 CLIENT: HDR Engineering, Inc.





TARGET QUAD
NAME: WHEATON
MAP YEAR: 1949

SERIES: 15 SCALE: 1:62500 SITE NAME: Eola Yard Improvements Project

Level EA

ADDRESS: Eola Yard Improvements Project

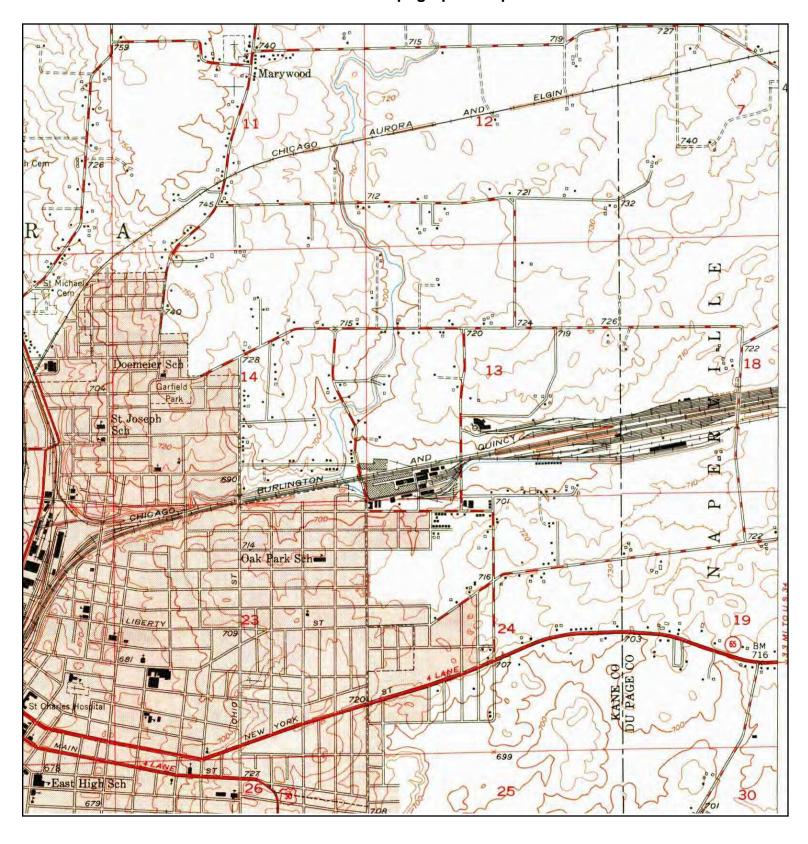
Level EA

LAT/LONG:

Aurora, IL 60502 41.7727 / -88.2583 CLIENT: HDR Engineering, Inc.

CONTACT: Robin Martel INQUIRY#: 2800629.4 RESEARCH DATE: 06/23/2010

REVISED:1908





TARGET QUAD

NAME: AURORA NORTH

MAP YEAR: 1950

SERIES: 7.5 SCALE: 1:24000 SITE NAME: Eola Yard Improvements Project

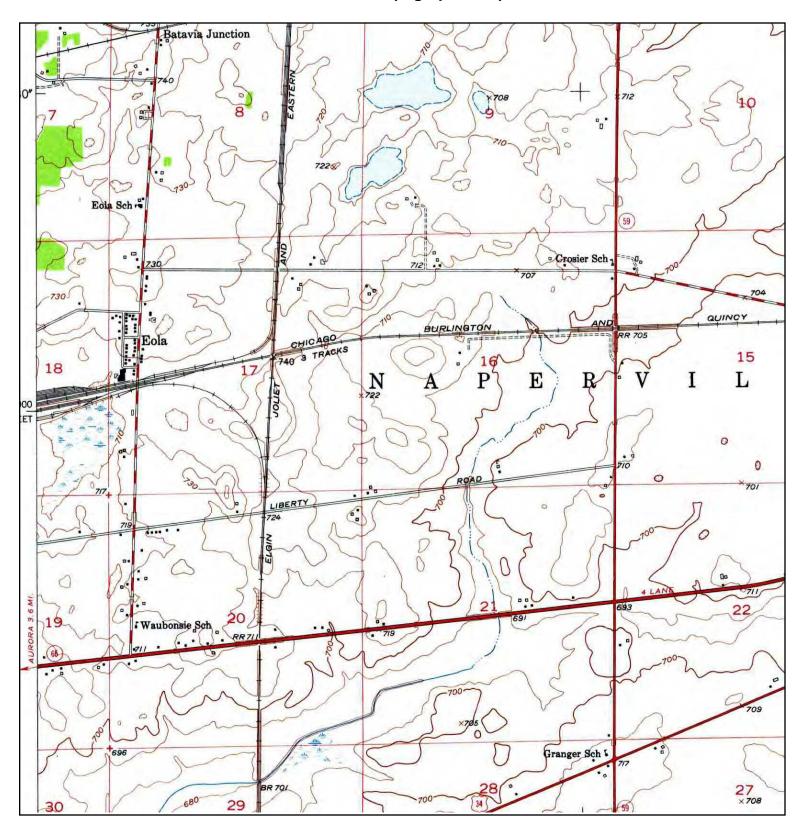
Level EA

ADDRESS: Eola Yard Improvements Project

Level EA

LAT/LONG:

Aurora, IL 60502 41.7727 / -88.2583 CLIENT: HDR Engineering, Inc.



N

TARGET QUAD

NAME: NAPERVILLE

MAP YEAR: 1953

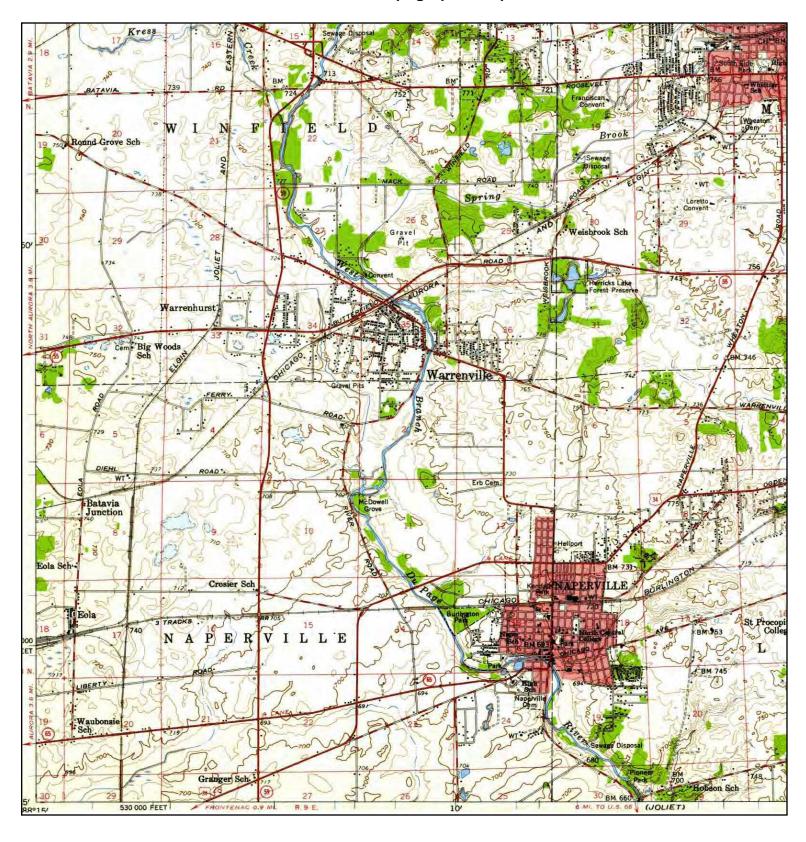
SERIES: 7.5 SCALE: 1:24000 SITE NAME: Eola Yard Improvements Project

Level EA

ADDRESS: Eola Yard Improvements Project

Level EA

Aurora, IL 60502 LAT/LONG: 41.7727 / -88.2583 CLIENT: HDR Engineering, Inc.





TARGET QUAD

NAME: WHEATON

MAP YEAR: 1954

SERIES: 15 SCALE: 1:62500 SITE NAME: Eola Yard Improvements Project

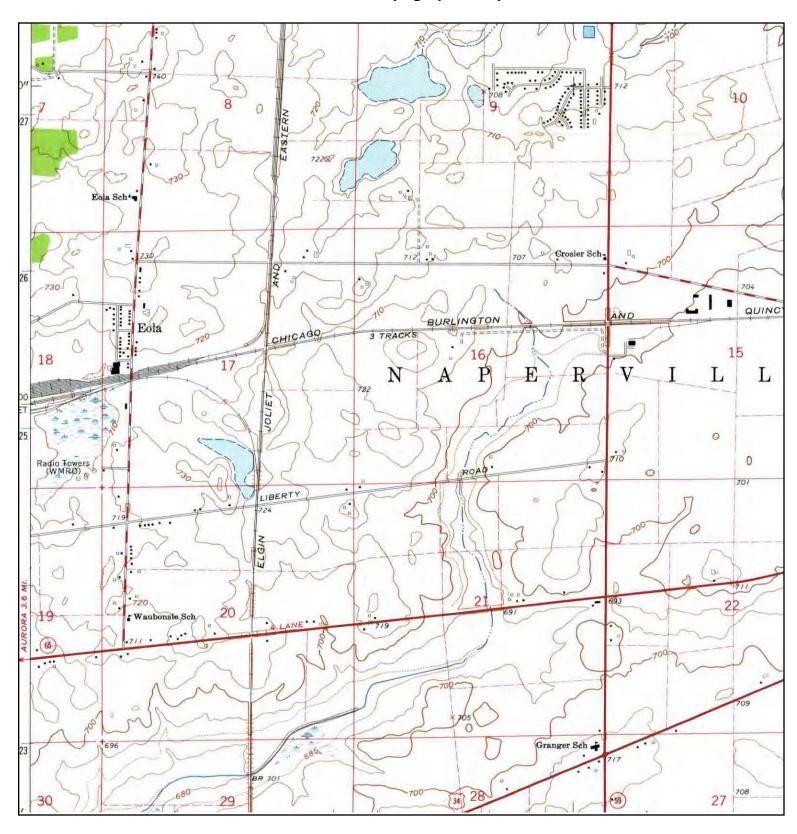
Level EA

ADDRESS: Eola Yard Improvements Project

Level EA

LAT/LONG:

Aurora, IL 60502 41.7727 / -88.2583 CLIENT: HDR Engineering, Inc.



N TARGET QUAD

NAME: NAPERVILLE

MAP YEAR: 1962

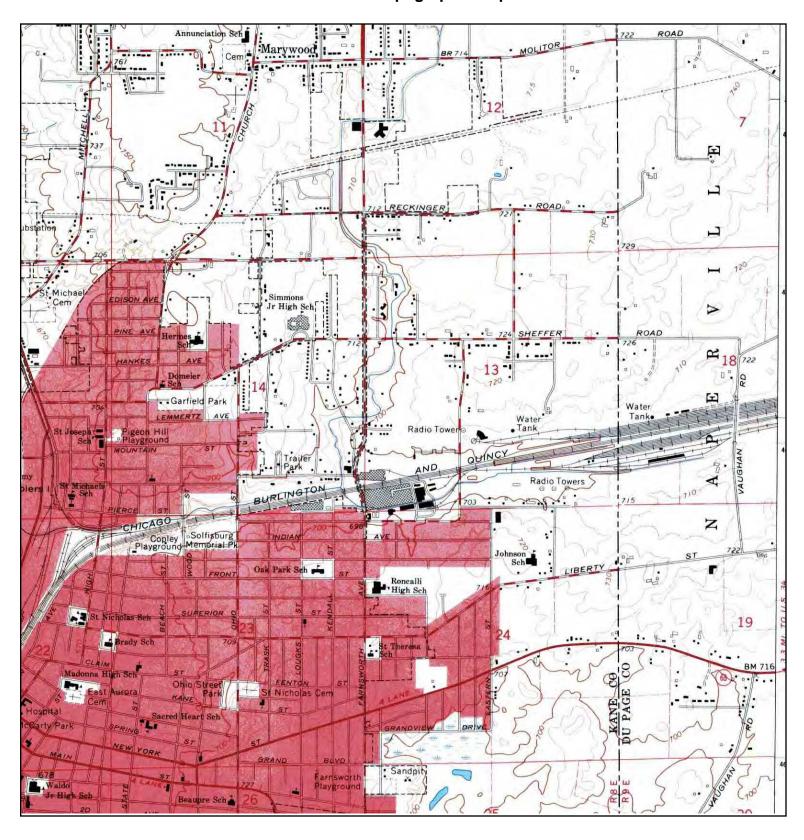
SERIES: 7.5 SCALE: 1:24000 SITE NAME: Eola Yard Improvements Project

Level EA

ADDRESS: Eola Yard Improvements Project

Level EA

Aurora, IL 60502 LAT/LONG: 41.7727 / -88.2583 CLIENT: HDR Engineering, Inc.





TARGET QUAD

NAME: AURORA NORTH

MAP YEAR: 1964

SERIES: 7.5 SCALE: 1:24000 SITE NAME: Eola Yard Improvements Project

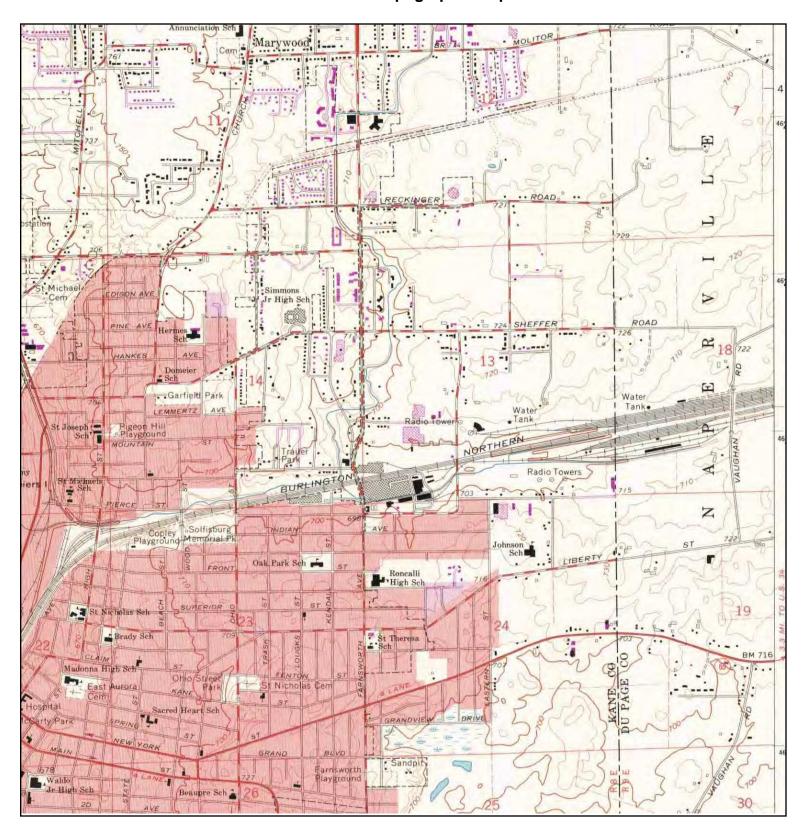
Level EA

ADDRESS: Eola Yard Improvements Project

Level EA

LAT/LONG:

Aurora, IL 60502 41.7727 / -88.2583 CLIENT: HDR Engineering, Inc.





TARGET QUAD

NAME: AURORA NORTH

MAP YEAR: 1972 PHOTOREVISED:1964

SERIES: 7.5 SCALE: 1:24000 SITE NAME: Eola Yard Improvements Project

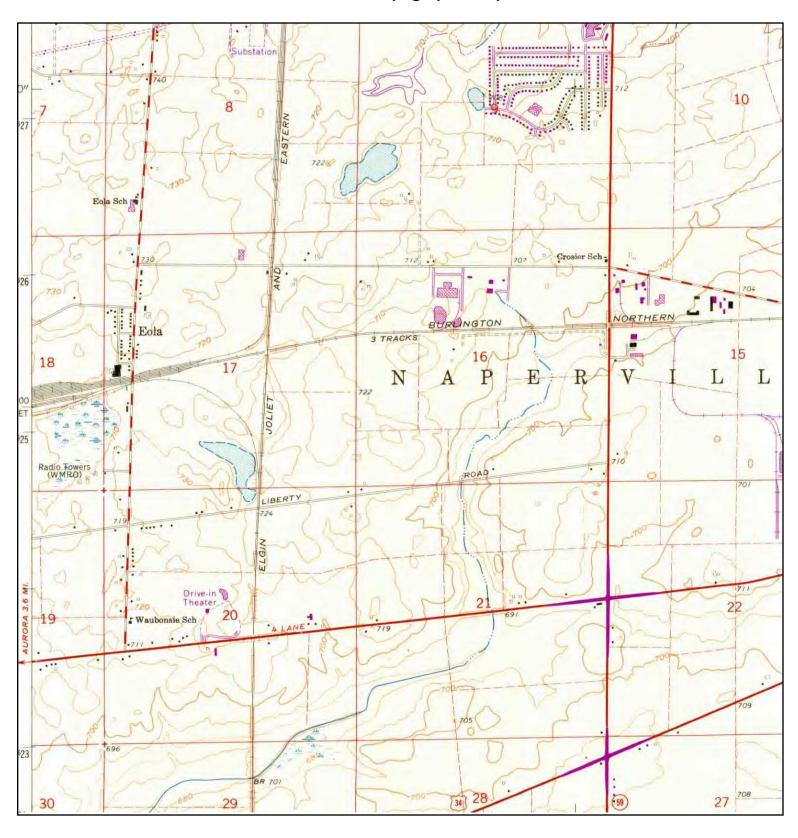
Level EA

ADDRESS: Eola Yard Improvements Project

Level EA

LAT/LONG:

Aurora, IL 60502 41.7727 / -88.2583 CLIENT: HDR Engineering, Inc.



N | TARGET QUAD

NAME: NAPERVILLE MAP YEAR: 1972 PHOTOREVISED:1962

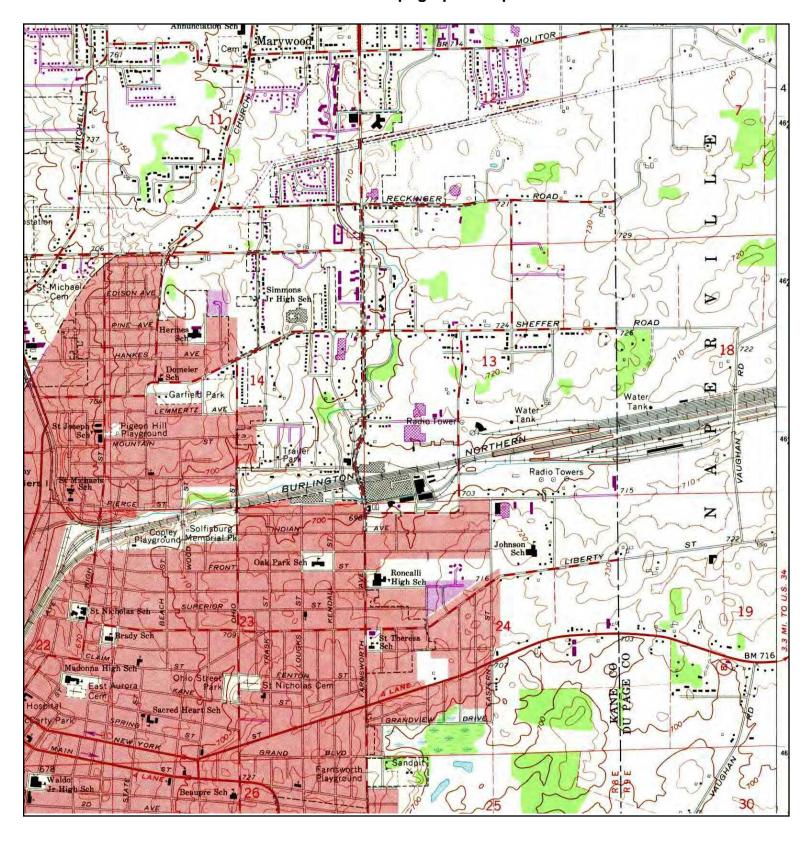
SERIES: 7.5 SCALE: 1:24000 SITE NAME: Eola Yard Improvements Project

Level EA

ADDRESS: Eola Yard Improvements Project

Level EA

Aurora, IL 60502 LAT/LONG: 41.7727 / -88.2583 CLIENT: HDR Engineering, Inc.



N | N

TARGET QUAD

NAME: AURORA NORTH

MAP YEAR: 1978

PHOTOINSPECTED: 1964

SERIES: 7.5 SCALE: 1:24000 SITE NAME: Eola Yard Improvements Project

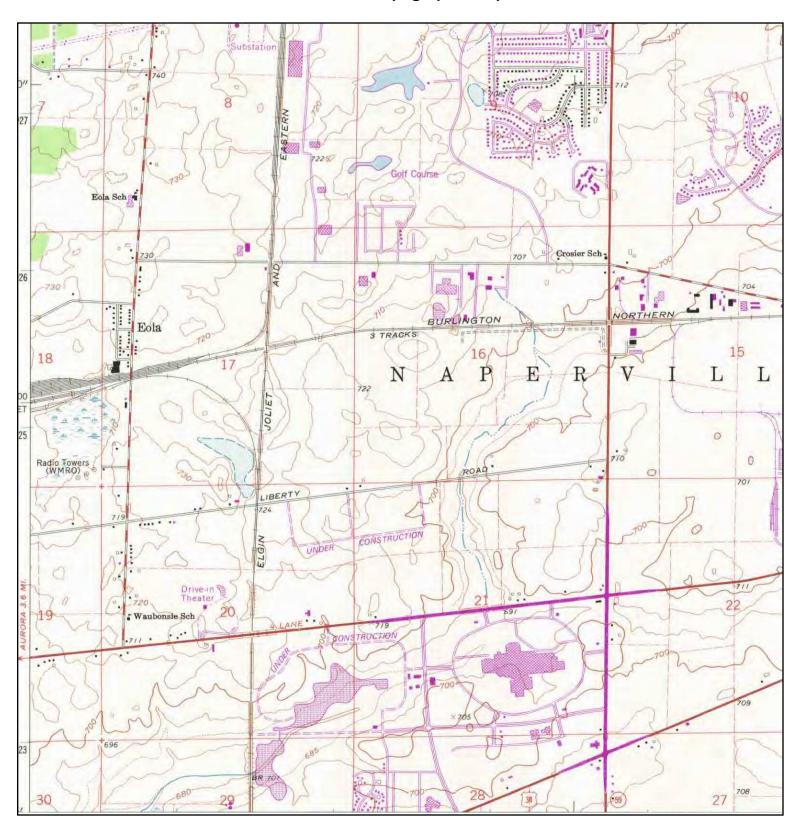
Level EA

ADDRESS: Eola Yard Improvements Project

Level EA

LAT/LONG:

Aurora, IL 60502 41.7727 / -88.2583 CLIENT: HDR Engineering, Inc.



N A TARGET QUAD

NAME: NAPERVILLE MAP YEAR: 1980 PHOTOREVISED:1962

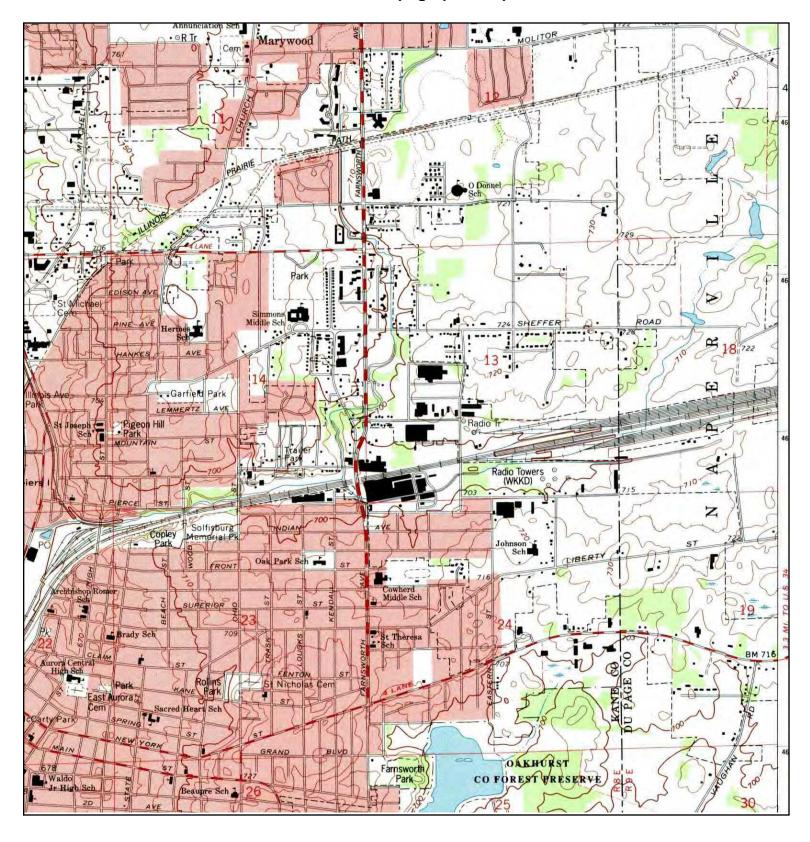
SERIES: 7.5 SCALE: 1:24000 SITE NAME: Eola Yard Improvements Project

Level EA

ADDRESS: Eola Yard Improvements Project

Level EA

Aurora, IL 60502 LAT/LONG: 41.7727 / -88.2583 CLIENT: HDR Engineering, Inc.





TARGET QUAD

NAME: AURORA NORTH

MAP YEAR: 1993

SERIES: 7.5 SCALE: 1:24000 SITE NAME: Eola Yard Improvements Project

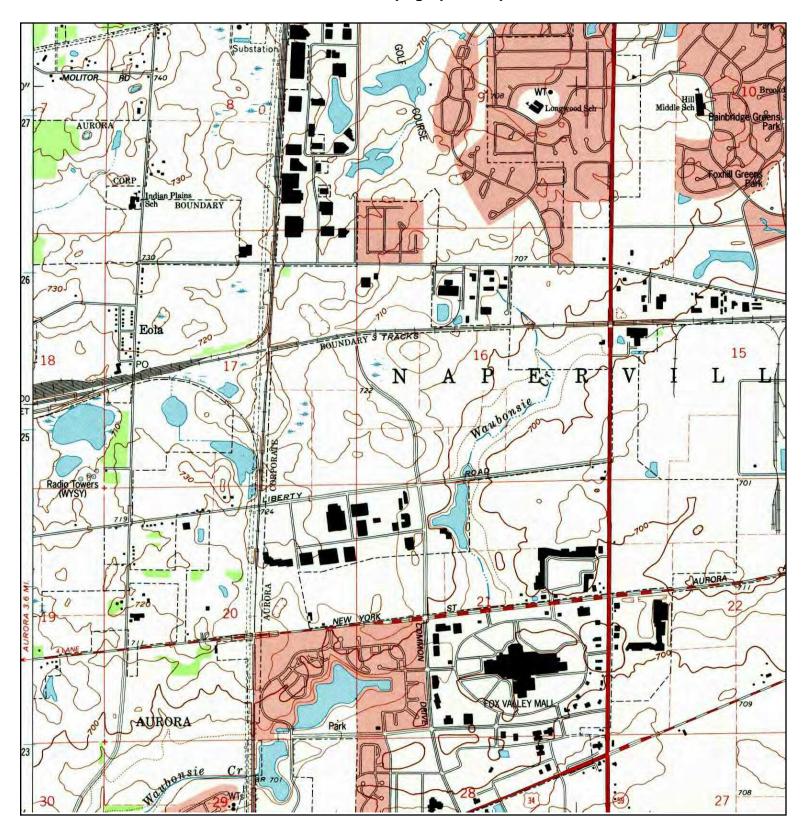
Level EA

ADDRESS: Eola Yard Improvements Project

Level EA

LAT/LONG:

Aurora, IL 60502 41.7727 / -88.2583 CLIENT: HDR Engineering, Inc.





TARGET QUAD

NAME: NAPERVILLE

MAP YEAR: 1993

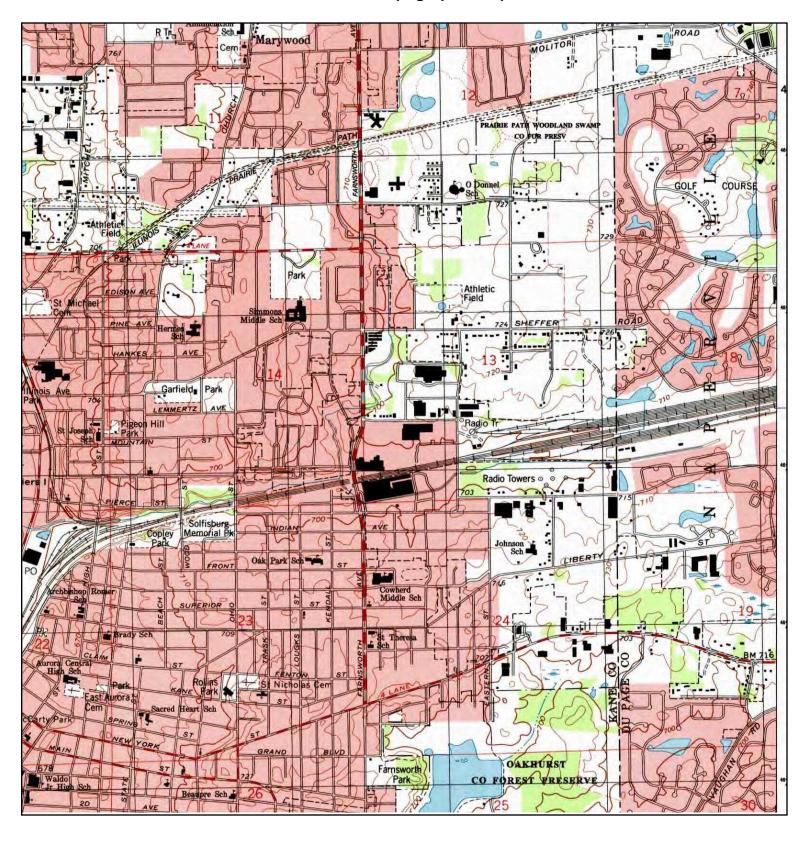
SERIES: 7.5 SCALE: 1:24000 SITE NAME: Eola Yard Improvements Project

Level EA

ADDRESS: Eola Yard Improvements Project

Level EA

Aurora, IL 60502 LAT/LONG: 41.7727 / -88.2583 CLIENT: HDR Engineering, Inc.





TARGET QUAD

NAME: **AURORA NORTH**

MAP YEAR: 1998

SERIES: 7.5 SCALE: 1:24000 SITE NAME: Eola Yard Improvements Project

Level EA

ADDRESS: Eola Yard Improvements Project

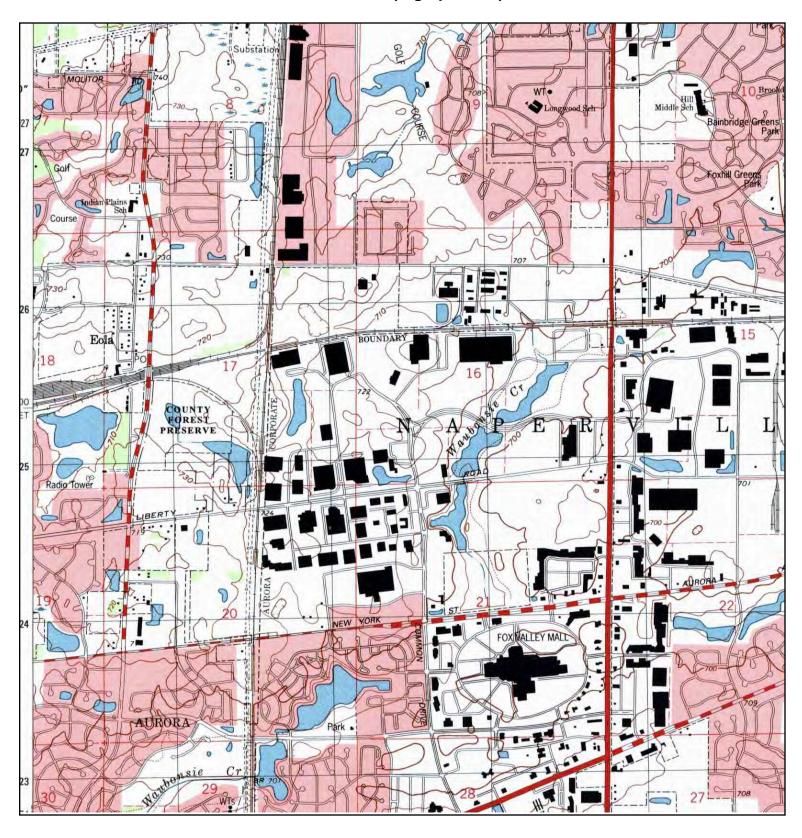
Level EA

LAT/LONG:

Aurora, IL 60502

41.7727 / -88.2583

CLIENT: HDR Engineering, Inc.





TARGET QUAD

NAME: NAPERVILLE

MAP YEAR: 1998

SERIES: 7.5 SCALE: 1:24000 SITE NAME: Eola Yard Improvements Project

Level EA

ADDRESS: Eola Yard Improvements Project

Level EA

Aurora, IL 60502 LAT/LONG: 41.7727 / -88.2583 CLIENT: HDR Engineering, Inc.

Eola Yard Improvements Project Level EA

Eola Yard Improvements Project Level EA Aurora, IL 60502

Inquiry Number: 2800629.5

June 23, 2010

The EDR Aerial Photo Decade Package



EDR Aerial Photo Decade Package

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with any questions or comments.

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Date EDR Searched Historical Sources:

Aerial Photography June 23, 2010

Target Property:

Eola Yard Improvements Project Level EA Aurora, IL 60502

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1956	Aerial Photograph. Scale: 1"=1000'	Panel #: 41088-G3, Aurora North, IL;/Flight Date: July 30, 1956	EDR
1956	Aerial Photograph. Scale: 1"=1000'	Panel #: 41088-G3, Aurora North, IL;/Flight Date: July 30, 1956	EDR
1962	Aerial Photograph. Scale: 1"=750'	Panel #: 41088-G3, Aurora North, IL;/Flight Date: April 10, 1962	EDR
1962	Aerial Photograph. Scale: 1"=750'	Panel #: 41088-G3, Aurora North, IL;/Flight Date: April 10, 1962	EDR
1971	Aerial Photograph. Scale: 1"=833'	Panel #: 41088-G3, Aurora North, IL;/Flight Date: May 14, 1971	EDR
1971	Aerial Photograph. Scale: 1"=833'	Panel #: 41088-G3, Aurora North, IL;/Flight Date: May 14, 1971	EDR
1978	Aerial Photograph. Scale: 1"=1000'	Panel #: 41088-G3, Aurora North, IL;/Flight Date: October 30, 1978	EDR
1978	Aerial Photograph. Scale: 1"=1000'	Panel #: 41088-G3, Aurora North, IL;/Flight Date: October 30, 1978	EDR
1984	Aerial Photograph. Scale: 1"=1000'	Panel #: 41088-G3, Aurora North, IL;/Flight Date: April 28, 1984	EDR
1984	Aerial Photograph. Scale: 1"=1000'	Panel #: 41088-G3, Aurora North, IL;/Flight Date: April 28, 1984	EDR
1988	Aerial Photograph. Scale: 1"=750'	Panel #: 41088-G3, Aurora North, IL;/Flight Date: April 29, 1988	EDR
1988	Aerial Photograph. Scale: 1"=750'	Panel #: 41088-G3, Aurora North, IL;/Flight Date: April 29, 1988	EDR
1994	Aerial Photograph. Scale: 1"=750'	Panel #: 41088-G3, Aurora North, IL;/Flight Date: March 31 1994	, EDR
1994	Aerial Photograph. Scale: 1"=750'	Panel #: 41088-G3, Aurora North, IL;/Flight Date: March 31, 1994	, EDR
1994	Aerial Photograph. Scale: 1"=750'	Panel #: 41088-G3, Aurora North, IL;/Flight Date: March 31, 1994	, EDR































Appendix F Resumes of HDR Personnel



Robin S. Martel

Transportation Planning Project Manager

Education

Bachelor of Science, Geology, Ohio State University, 1993

Professional Registrations

LEED Accredited Professional, US National Registration, No. WAIssued: 11/30/2006

Professional Affiliations

Women's Transportation Seminar (WIS), Greater Chicago, President, Member, 2003-Present

American Council of Engineering Companies, ACEC-IL, Public Transportation Committee Chair, 2006-2009

HDR Tenure

2 Years

Industry Tenure

17 Years

Professional Experience

Ms. Martel has over 17 years of experience performing environmental engineering and transportation projects. She is a project manager in specific areas of expertise that includes NEPA documentation for public improvement and redevelopment projects; public involvement; transportation planning; environmental site assessments; and grant preparation and administration for federal and state funding.

HDR Project Experience

HDR Engineering, Canadian National and EJ&E Railroad Merger Environmental Impact Statement, Chicago, IL. Comment Coder. The study analyzed impacts CN acquired and operated over the EJ&E Railway, a 200-mile corridor located in northeastern Illinois and northwestern Indiana, about 40-miles outside Chicago. The potential impacts were compared to continuing operations on the separate facilities. The outreach program included 14 scoping meetings, 9 public meetings, and meetings with resource agencies, stakeholders, and elected officials. The Environmental Impact Statement also identified mitigation.

Illinois Dept of Transportation, Chicago Region Environmental and Transportation Efficiency Program (CREATE), Environmental Documents, Chicago, IL. QA/QC Reviewer. The task order contract provided environmental documentation for various projects of the CREATE program. The CREATE program consists of 78 projects in five designated rail corridors and cost an estimated \$1.5 billion. The projects range from railroad infrastructure, rail-to-rail fly-overs, new grade separations, and viaduct improvements.

Lake County Division of Transportation, Fairfield Road Throughway Improvements Study, Round Lake, IL. Transportation Planning Lead. The Fairfield Road and the Metra/IL 134 Intersection Improvements Study (Section 08-104-08-BR) includes Phase I engineering services for the improvement of the intersection of Fairfield Road and the Metra/IL 134 located in the Villages of Round Lake and Round Lake Beach. Work includes the preparation of a Project Development Report that provides a recommended design of study alternatives.

McHenry County Hwy. Department, Randall Road Improvements, McHenry, IL. Project Manager. HDR provided Phase I services for the widening/upgrading of 3.5-miles of Randall Road from County Line Road to Ackman Road. The study identified a comprehensive solution addressing the communities needs and complying with Federal Aid guidelines, utilizing a CSS approach, and integrating project goals and NEPA guidelines. The tasks included traffic, environmental, drainage, funding, and alternative analyses, preliminary design, documentation, public involvement, and access/incident management plans.

S.B. Friedman & Company, Moline Transit-Oriented Development Study. Assistant Project Manager. The study included conceptual planning for an intermodal transit Center Station serving a major regional bus transfer station/terminal and proposed to add an Amtrak Passenger Rail Station, re-establishing passenger rail services to the Quad Cities. HDR's duties focused on existing conditions, ridership, program needs for transit modes, and funding strategies.

Seneca I-80 Railport, Seneca I-80 Railport Intermodal, Seneca, IL. Deputy Project Manager. The project involves preparing an Environmental Assessment for the widening of US Route 6 to accommodate traffic related to the development of an intermodal railport along CSX Railroad adjacent to the Illinois River. The scope includes widening the roadway from a 2 to 5 lane urban cross section, two new intersections, signals and upgrading the interchange at I-80. A TIGER Grant application was prepared and submitted on behalf of Grundy County.

Village of Burr Ridge, Madison Street Intersection Improvements Study, Burr Ridge, IL. Transportation Planner. The project included Phase I engineering and preliminary design for improvements at three consecutive intersections at Joliet Road, 79th Street and 83rd Street. Alternatives included roundabout, traffic signal and no action. This study complied with the Federal Aid guidelines, as federal funding was anticipated and was processed through IDOT BLRS. Significant stakeholders included IDOT, DuPage County, and the Village of Willowbrook. The study also included bike lanes though the corridor.

Non-HDR Project Experience

Ashland Chemical Company, Release Assessment, Calumet City, Illinois. Staff Scientist. Ms. Martel was responsible for the preparation of the Release Assessment (RA) Work Plan and reviewing historical data to assess the need for Interim Measures at the facility. The project included preparing a Quality Assurance Project Plan under the new requirements for the US EPA, Region V. All the documents were submitted to the US EPA, Region V.

Ashland Chemical Company, Willow Springs, Illinois. Staff Scientist. Ms. Martel was responsible for report preparation, data management, and field coordination/sampling for RCRA facility. The project involved coordination and reporting activities with the Illinois Environmental Protection Agency.

City of Chicago Department of Environment, Chicago, Illinois. Project

Manager/Environmental Lead. Ms. Martel was responsible for the management and oversight of all City of Chicago, Department of Environment projects. The project included the redevelopment of Chicago Housing Authority's (CHA) public housing at Cabrini Green. Ms. Martel was responsible for the preparation of the Environmental Assessment (EA) according to the US Department of Housing and Urban Development (HUD) guidelines. Ms. Martel managed the technical staff and assisted in the analysis of the socioeconomic and natural environments to determine potential impacts. Ms. Martel was responsible for all public involvement and coordination with multiple stakeholders involved in the project. Ms. Martel assisted the project team with the Phase I, Phase II, and SRP reporting for the project.

City of Rockford, Barber Coleman Village, Rockford, Illinois. Project Manager. The City of Rockford was awarded a USEPA Brownfield Assessment Grant for the Barber Colman Village, a former industrial complex redeveloped into a mixed use complex. Ms. Martel helped the City of Rockford prepare the grant application for the 2005 and 2007 funding cycle and was responsible for managing the environmental assessments for the property.

Grundy County Department of Transportation, Ridge Road Phase I, Grundy County, Illinois. Environmental Lead. Ms. Martel prepared environmental documentation and coordination for the Phase I for the widening of Ridge Road and the replacement of the EJ&E Railroad bridge.

GSA Federal Courthouse, Rockford, Illinois. Project Manager. Ms. Martel was responsible for the preparation of environmental documentation for the construction of a new Federal Courthouse in the City of Rockford. The EA was completed and a FONSI was issued for the project in November 2002. Environmental documentation for included a Phase I and Phase II site investigations and enrollment of the site into the Illinois Site Remediation Program.



Illinois Department of Transportation, State Bicycle Plan, Springfield, Illinois. Project Manager. The State Bicycle Plan involved developing a set of criteria to enable IDOT to effectively prioritize the funding of bicycle facilities through their capital and enhancement funding programs. Ms. Martel conducted stakeholder meetings throughout the State to establish the priority criteria.

Illinois State Tollway. Project Manager. Ms. Martel managed the environmental management and compliance services on a systemwide basis. The project included evaluating the operations and maintenance procedures at the tollway to determine federal, state, county, and local environmental regulations apply. The documentation included tollway procedures for environmental management, training schedules, permitting schedules, responsibility matrix, checklists, and environmental regulations and interpretations.

Illinois State Tollway, Environmental Services Contract, Illinois. Project Manager. Ms. Martel managed the environmental services contract that included environmental site assessments, IEPA documentation, remediation oversite, remediation cost estimates, and litigation support.

Metra, Belmont Avenue Road Grade Seperation, Downers Grove, Illinois. Project Manager. Ms. Martel managed the design of the railroad-highway grade separation. She was responsible for obtaining and coordinating resources to conduct an evaluation of the natural and socioeconomic impacts for several alternatives to the proposed project. Ms. Martel prepared the alternatives analysis, purpose and need, land acquisition/land use and environmental justice section of the EA. The EA was prepared according to NEPA and FTA Guidelines (UMTA Circular 5620.1). The FONSI was issued for the projects within 30 days by the FTA. FONSI received in June 2002.

Metra, New Starts Projects, Illinois. Environmental Lead. Ms. Martel was responsible for the environmental assessments and preliminary engineering for the expansion/extension of three service corridors: the North Central Service, Union Pacific West Line, and Southwest Service. She also evaluated the floodway/floodplain impacts of the expansion program in addition to report preparation.

Metra, Pingree Road Station, Crystal Lake, Illinois. Environmental Lead. Ms. Martel compiled the entire EA report for the construction of a new Metra station and parking lot. The project is located on Pingree Road.

South Suburban Chicago Brownfield's Coalition, Chicago, Illinois. Project Manager. Ms. Martel was responsible for the Phase I and Phase II assessment activities for the US EPA Brownfield pilot grant. Ms. Martel prepared the IEPA Grant applications to secure additional funding for each of the five communities in the brownfield coalition. All five communities were awarded IEPA grants in 2002 and 2003.

U.S EPA Brownfield's Assessment Pilot and Illinois EPA Brownfield Grant, Rockford, Illinois. Project Manager/Project Principle. Ms. Martel was responsible for the selection and cataloging of a 9.2-mile area for potential brownfield site and the preparation of Phase 1 Environmental Site Assessments for the priority brownfield sites. Ms. Martel prepared the plans and reports and prepared IEPA grants for Rockford's brownfield program. She was responsible for public involvement activities associated with Rockford's brownfield program. The City of Rockford was awarded both USEPA grants \$400k and \$240k in state grants.

U.S. Steel Gary Works, Gary, Indiana. Project Manager. Ms. Martel assisted in the preparation of a public involvement plan for the RCRA facility investigation activities at the active U.S. Steel site. The public input and participation was an essential element to ensuring unimpeded progress in these programs.





Kirsten Mawhinney, PE

Education

Bachelor of Science, Civil Engineering, Purdue University, 2005

Professional Registrations

Professional Engineer, Illinois, No. 062062611 Issued: 06/07/2010, Expires: 11/30/2011

Professional Affiliations

Women's Transportation Seminar (WIS), Chicago, Member, 2009-Present

HDR Tenure

5 Years

Industry Tenure

5 Years

Professional Experience

Ms. Mawhinney has been actively involved in numerous transportation planning projects. Her experience includes transportation planning, environmental studies, public involvement, and grant preparation. She also has a high proficiency in computer skills such as: Microstation, GEOPAK, Arc GIS 9, HCS, Adobe Acrobat Professional, COREL Graphics Suite, and Microsoft Office.

HDR Project Experience

City of Chicago, Chicago Avenue Rehabilitation, Phase II, Chicago, IL. Transportation Planning EI. HDR completed Phase II widening and intersection improvements for the reconstruction on Chicago Avenue. Phase II responsibilities included the development of PS&E's for two separate roadway plans for 5-miles of widening, utility coordination, resurfacing, signalization, MOT, and 19 intersection modifications along the four lane urban roadway.

City of Chicago, Chicago Department of Transportation, STP Traffic Signal Modernization. Transportation Planning EI. HDR was selected to provide design services for the modernization of ten intersections for traffic counts, surveys, intersection traffic operation models, timing schedules, traffic signal requirement drawings, traffic signal control plan sheets, pavement restoration sheets, marking and signing sheets, and detailed cost estimates. HDR also prepared a bid package of 14 intersections requiring coordination with various consultant groups and reviewing entities.

City of Chicago, Fullerton Bridge over Lincoln Park Lagoon, Phase I, Chicago, IL. Transportation Planning EI. HDR was selected for Phase I engineering services for the replacement of the Fullerton Parkway Bridge and an adjacent pedestrian underpass. The replacement bridge is wider and replaced a structurally deficient and functionally obsolete bridge in the heart of Lincoln Park.

Clark Dietz, Inc., East Side Highway Corridor Study, Bloomington, IL. Transportation Planning EI. The study identified a highway corridor east of Bloomington-Normal, between I-74 south and I-55 north. The facility addresses future transportation capacity deficiencies and included an evaluation of the potential impacts on the social, economic, and environmental resources. A preferred corridor was recommended for use in further detailed design and environmental studies. The IDOT approach to Context Sensitive Solutions was used.

Cook County DOH, Traffic Engineering Services, Cook County, Illinois, Chicago, IL. Transportation Planning EI. HDR was selected to provide various traffic engineering services at various locations the County. The Scope of Services includes any or all of the following services based on individual work order assignments: Perform 24-hour machine counts, Perform 12-hour or 16-hour manual traffic counts, intersection and link traffic projections, speed analysis, prepare warrant studies, Intersection Design Study in IDOT or County format, and perform work order task assignments as directed by the County.

HDR Engineering, Canadian National and EJ&E Railroad Merger Environmental Impact Statement, Chicago, IL. Transportation Planning EI. The study analyzed impacts CN acquired and operated over the EJ&E Railway, a 200-mile corridor located in

northeastern Illinois and northwestern Indiana, about 40-miles outside Chicago. The potential impacts were compared to continuing operations on the separate facilities. The outreach program included 14 scoping meetings, 9 public meetings, and meetings with resource agencies, stakeholders, and elected officials. The Environmental Impact Statement also identified mitigation.

Illinois Dept of Transportation, Chicago Region Environmental and Transportation Efficiency Program (CREATE), Environmental Documents, Chicago, IL.

Transportation Planning EI. The task order contract provided environmental documentation for various projects of the CREATE program. The CREATE program consists of 78 projects in five designated rail corridors and cost an estimated \$1.5 billion. The projects range from railroad infrastructure, rail-to-rail fly-overs, new grade separations, and viaduct improvements.

Illinois Dept of Transportation, FA 309, US-30 Corridor Study, IL. Transportation Planning EI. HDR completed a 19-mile corridor study of US Route 30 in northwestern Illinois. The study included the evaluation of the feasibility of several corridors based on social, economic, environmental, and engineering issues. The tasks included evaluation of potential impacts to environmental resources including wetlands, cultural resources, floodplains, Section 4(f) properties, and noise impacts.

Illinois Dept of Transportation, FAP 332, Illinois 394 Improvements, Phase I, from I-80 South to Will / Kankakee County Line, IL. Transportation Planning EI. HDR completed an Environmental Class of Action Determination Phase I study for IL-394. The project involved operational and environmental evaluation of widening and upgrading 14.5-miles of rural arterial to access controlled freeway. The work tasks included alternative analysis, traffic analysis, conceptual/preliminary design, cost estimates, agency coordination, and public involvement. Ms. Mawhinney's responsibilities included water quality data collection and interchange design studies.

Illinois Dept of Transportation, US Route 51 (FAP 322) EIS, CR 900 N (South of Pana) to CR 2150 N (East of Irvington), IL. Transportation Planning EI. This project was completed by the US 51 Partners, a joint venture between HDR and Clark Dietz, with their sub-consultants Huff & Huff and Lin Engineering for the study, preparation, and submission of an Environmental Impact Statement (EIS) and a design report for US 51 along a 70-mile corridor in central Illinois. The study included the evaluation of the feasibility of several alignments based on social, economic, environmental and engineering issues.

Illinois State Toll Hwy. Authority, ISTHA I-90 Plazas 1, 5 & 7 Open Road Tolling, IL. Transportation Planning EI. HDR was selected to design three independent roadway segments and other major features for three toll plazas on the Northwest Tollway I-90. The project included roadway work, toll plaza design, toll facilities, bridge and culvert replacement, structure removals, drainage, lighting, and associated utility work. The roadway geometrics included the reconfiguration of three half-mile sections of the toll plaza corridors to accommodate the layout of the high-speed I-Pass lanes.

Illinois State Toll Hwy. Authority, Tri-State Tollway/I-57 Interchange Environmental Assessment. Transportation Planning EI. The project involved agency coordination, public involvement, preliminary design, traffic analysis, environmental evaluation, and documentation. The tasks included the development of an access justification report, coordination with various environmental agencies, and coordination with other projects within the corridor. The environmental impact evaluation included biological resources, traffic noise, special waste sites, agricultural resources, social/economic resources, and public involvement.

Kane County, Kane County Randall Road, US 20, Foothill Drive Intersection



Improvements, Elgin, IL. Transportation Planning EI. HDR was selected for Phase I engineering and preparation of preliminary design for improvements in the City of Elgin. The study complies with the Federal Aid guidelines, as federal funding was anticipated. HDRs approach integrated the project goals and National Environmental Policy Act (NEPA) guidelines to provide a comprehensive solution.

Lake County Division of Transportation, Fairfield Road Throughway Improvements Study, Round Lake, IL. Transportation Planning EI. The Fairfield Road Throughway Improvements Study included Phase I engineering services for the improvement of the intersection between Fairfield road and the Metra Railroad/IL-134. The work included the preparation of a project development report recommending design of study alternatives of a railroad grade separation with or without a grade separated interchange of the existing intersection.

Lake County Division of Transportation, Riverwoods Road and Everett Road Intersection Improvements Study, Mettawa, IL. Transportation Planning EI. HDR completed the Phase I study of improvements to the intersection of Riverwoods Road and Everett Road. The alternatives analysis focused on the evaluation and comparison of traffic signal alternatives and roundabout alternatives. A simulation model of these two alternatives was developed using VISSIM for a visual comparison of the two alternatives. The specific tasks included traffic analyses, evaluation of impacts to environmental resources, preliminary design, and cost estimates. The operational analysis of the roundabout was completed using SIDRA. The public involvement aspect utilized Context Sensitive Solutions (CSS).

McHenry County Hwy. Department, Randall Road Improvements, McHenry, IL. Transportation Planning EI. HDR provided Phase I services for the widening/upgrading of 3.5-miles of Randall Road from County Line Road to Ackman Road. The study identified a comprehensive solution addressing the communities needs and complying with Federal Aid guidelines, utilizing a CSS approach, and integrating project goals and NEPA guidelines. The tasks included traffic, environmental, drainage, funding, and alternative analyses, preliminary design, documentation, public involvement, and access/incident management plans.

Ohio County Commission, Proposed I-70 Interchange and Access Road Environmental Assessment (EA), Wheeling, WV. Transportation Planning EI. The project included the development and evaluation of I-70 interchange alternatives and an access road. Four alternatives were evaluated based on traffic operations and environmental impacts. The environmental issues included floodplains and wetlands. The specific tasks included a traffic noise analysis, farmland study, floodplains analysis, and wetland impact evaluation.

Village of Burr Ridge, Madison Street Intersection Improvements Study, Burr Ridge, IL. Transportation Planning EI. Phase I engineering and preliminary design for the project included improving three consecutive intersections at Joliet Road, 79th, and 83rd Streets. The alternatives included roundabout, traffic signal, and no-action. The study complies with the Federal Aid guidelines, as federal funding was anticipated and processed through IDOT BLRS. The significant stakeholders included IDOT, DuPage County, and the Village of Willowbrook. The study also includes bike lanes though the corridor.





Todd C. Wilson

Program/ Project Chemist

Education

Master of Science, Pharmaceutical Sciences, University of NE Medical Center, 1991

Bachelor of Science, Chemistry, University of Nebraska Lincoln, 1987

Professional Registrations

Nevada Certified Environmental Manager, Nevada, No. EM1924 Issued: 01/26/2007, Expires: 01/26/2011

Nebraska Water Well Monitoring Technician, Nebraska, No. 79506 Issued: 1/16/2007, Expires: 12/31/2010

Professional Affiliations

Society of American Military Engineers (SAME), Omaha, Member

Toastmasters International, Omaha, Member

HDR Tenure

6 Years

Industry Tenure

18 Years

Professional Experience

Mr. Wilson has experience providing advice on complex chemistry problems arising at, and management of hazardous toxic and radioactive waste (HTRW) sites across the country. He advises on or performs chemical sampling, testing, and analysis of wastes. Completes field audits and review of laboratory Chemical Quality Assurance and Health and Safety requirements. He recommends appropriate disposal, treatment, or processing requirements of materials based on the chemical properties of the waste to ensure compliance with all applicable laws and regulations. He prepares Quality Assurance Project Plans (QAPP), Sampling and Analysis Plans (SAP) and Field Sampling Plan (FSP) for HTRW Environmental Restoration Contracts. He provides onsite training and auditing of personnel to ensure adherence to the work plans. He investigates, analyzes, directs, and manages investigations of site operations to determine the presence and concentration of toxic and hazardous chemicals. He reviews sampling, testing, and analysis of reports to verify the accuracy and adequacy of the data; and to ensure compliance with contract requirements and conformance with accepted procedures to all applicable laws and regulations. He completes risk evaluations and assessments. He ensures accurate sampling and scientifically defensible data on which corrective action decisions are made. He interprets federal and state regulations, U.S. Army Corps of Engineers (USACE) and Department of Defense (DOD) manuals and directives. Conducts negotiations with contractors, customers, public, legal, and regulatory agencies. He evaluates innovative technologies (including natural attenuation and in situ technologies) for applications in the remediation of HTRW sites and assists in the design of bench- and pilot-scale remediation systems to determine applicability of the technology(ies) for full scale remediation of HTRW sites. He has evaluated a number of sites for dioxins, furans, and PCBs for various TSCA issues. This includes the evaluation of congener data and Total Equivalency Factors (TEFs) from the manufacturing/application of Herbicide Orange/Purple or due to power generation. The following projects represent a general sampling of Mr. Wilson's experience:

HDR Pensacola, Okaloosa County Landfills Environmental Compliance Services, FL.

Project Chemist. HDR is contracted to provide environmental compliance services to Okaloosa County at four closed landfills: Niceville Landfill, Wright Landfill, Laurel Hill Landfill, and Baker Landfill. Services provided for the County include the management of the permit required monitoring programs and associated remedial investigations & actions focusing on proactively protecting the environment while reducing the owners long term liability. Management of these programs include the coordination of sampling activities with the County's contracted laboratory, data review, submittal of semi-annual reports, coordination of resampling events, biennial reporting, and as needed compliance assistance. HDR is evaluating monitoring programs seeking to optimize the assessment monitoring programs at each landfill by reducing the number of wells by eliminating redundancy, reducing sampling frequency, and reducing the number of parameters to minimize the O&M costs while still providing sufficient data for the detection and assessment programs. As part of this optimization program changes have been made to sampling protocols and procedures to minimize sample turbidity thereby reducing detected metal concentrations. HDR worked closely with FDEP to implement these changes. In this region of the Panhandle iron concentrations in the groundwater are problematic. Altered redox conditions beneath the landfill cause naturally occurring iron to solubilize and migrate in the groundwater. HDR is

working with the FDEP to address this concern with innovative methods.

Loup Power District, FERC Relicensing. Provided advice, programs, designs, plans, specifications, recommendations, reports, studies & other support services associated with preparation and filing of application for new FERC license. Fish tissue was collected and analyzed for PCBs due to an existing health warning. HDR also prepared licensing compliance support and 9 & 10th Part 12 inspection reports.

USACE - Kansas City District, Imperial Oil Superfund. Project Chemist. Reviewed previous documents for data gap analysis. Worked with Regional office, USACE and EPA to complete a supplemental investigation. The remedial design for Operable Unit 3 included demolition, decontamination, and disposal of below ground and above ground structures; the removal and off-site disposal of floating product and the excavation and off-site disposal of contaminated soil and other secondary waste streams at the site. Primary contaminants at the site include arsenic, lead and PCBs. The remedy also included installation of a hydraulic barrier, excavation, dewatering, water treatment along with restoration of the site and impacted wetlands.

USACE - Kansas City District, McConnell Solid Waste Management Unit 207, Supplemental RCRA Facility Investigation, KS. Project Chemist. Conducted a Supplemental Resource Conservation and Recovery Act Facility Investigation at Solid Waste Management Unit 207 at McConnell Air Force Base in Wichita, Kansas. Tasks included development of a site conceptual exposure model using the Environmental Protection Agency's Data Quality Objectives process, field investigation activities, and a human health risk assessment.

Eglin AFB, Fort Walton Beach, Florida. Project Chemist. Mr. Wilson was involved with the Environmental Restoration Program (ERP) for Eglin AFB under the Air Force Materiel Command (AFMC). Mr. Wilson was responsible for the review of chemistry issues for multiple sites including low-level radioactive materials sites containing depleted uranium (DU), magnesium-thorium, and other low-level radioactive materials, landfill monitoring sites, dioxin, petroleum, solvent and arsenic (cattle dipping) sites. He assisted in writing the basewide health and safety plan, QAPP, and the Florida Comprehensive Quality Assurance Plan (CompQAP). The CompQAP is used by the Eglin Bioenvironmental Engineering (BEE) personnel to train employees on the proper collection, documentation and analytical requirements for base operations. Mr. Wilson provided training to BEE personnel, and also assisted the Eglin PM to evaluate, investigate and remediate existing Herbicide Orange/Purple loading, spraying and testing facilities at several locations on Eglin AFB.

Pueblo Chemical Depot (PCD), Pueblo, Colorado. Project Manager. Mr. Wilson was involved with management of Base Realignment and Closure (BRAC) operations on PCD. Mr. Wilson performed reviews of chemistry issues including the Colorado Department of Public Health and Environment (CDPHE) issued Compliance Orders and Compliance Advisory requirements issued by the state of Colorado. Mr. Wilson assisted in establishing and auditing an onsite analytical laboratory for the analysis of explosives by U.S. Environmental Protection Agency (EPA) Method 8330 (HPLC) and 8321A (HPLC/MS). He completed extensive negotiations with Army Environmental Center (AEC), PCD, CDPHE, and EPA on work plans, QAPPs, Corrective Management Monitoring Plans (CMMP), and other primary documents.



Attachment 2
Wyanet Connection PESA

IDOT Sequence #: 1

15795

IDOT Job #:

NA

ISGS: 2191

PRELIMINARY ENVIRONMENTAL SITE ASSESSMENT

FINAL REPORT

DATE:

April 8, 2010

IDOT DESIGN DATE:

May 15, 2010

DATE REQUEST RECEIVED:

April 1, 2010

LOCATION:

Proposed track connection between the BNSF and IAIS railroads near Wyanet, Bureau County; Wyanet quadrangle (USGS 7.5-minute topographic map), T16N, R8E, Sections 19 and 20.



Table of Contents

GLOS	SARY OF ACRONYMS	. 3
EXEC	UTIVE SUMMARY	. 4
BACK	GROUND Introduction Geology Hydrogeology	. 6
DISCL	JSSION	. 7
CONC	CLUSIONS	11
ENDO	RSEMENTS	11
ADDR	ESS LISTINGS	12
INFOF	RMATION SOURCES	13
APPEI	NDIX	17
I IST (OF ATTACHMENTS	10

GLOSSARY OF ACRONYMS

AAI -	All Appropriate Inquiries	MSDS -	Material Safety Data Sheet
ACM -	Asbestos-Containing Material	MTBE -	methyl tertiary-butyl ether
AST -	Aboveground Storage Tank	NFR -	No Further Remediation
ASTM -	American Society for Testing and	NFRAP -	No Further Remedial Action
ASTW -		NERAP -	
	Materials		Planned
AULs -	Activity and Use Limitations	NIPC -	Northeastern Illinois Planning
	(includes institutional controls,		Commission
	engineered barriers, and HAAs)	NPL -	National Priorities List
BNSF -	Burlington Northern and Santa Fe	NRCS -	Natural Resources Conservation
BOL -	Bureau of Land (IEPA)		Service (formerly Soil Conservation
BTEX -	Benzene, Toluene, Ethylbenzene,		Service)
	and total Xylenes	OSFM -	Office of the State Fire Marshal
⊈	Centerline	PAA -	Permit Access Agreement
CERCLIS-	Comprehensive Environmental	PAH/PNA-	Polynuclear Aromatic Hydrocarbon
02.102.0	Response, Compensation, and	PCB -	Polychlorinated Biphenyl
	Liability Information System	PESA -	Preliminary Environmental Site
		FEGA -	
FEMA -	Federal Emergency Management	D.O.	Assessment
	Agency	P.G	Professional Geologist
FID -	Flame Ionization Detector	PID -	Photoionization Detector
FIRM -	Flood Insurance Rate Map	ppb -	parts per billion (equivalent to μg/kg
GC -	Gas Chromatograph		for solids, and µg/l in liquids)
HAA -	Highway Authority Agreement	ppm -	parts per million (equivalent to
IAIS -	lowa Interstate (railroad)		mg/kg in solids, and mg/l in liquids)
ICC -	Illinois Commerce Commission	PRP -	Potentially Responsible Party
IDNR -	Illinois Department of Natural	RCRA -	Resource Conservation and
	Resources		Recovery Act
IDOT -	Illinois Department of	REC -	Recognized Environmental
1001	Transportation	110	Condition
IEMA -	Illinois Emergency Management	ROW -	Right-of-Way
IEMA -			Standard Industrial Classification
IED A	Agency		
IEPA -	Illinois Environmental Protection	SRP -	Site Remediation Program
	Agency	TACO -	Tiered Approach to Cleanup
IMD -	Illinois Manufacturers Directory		Objectives
ISD -	Illinois Services Directory	TCLP -	Toxicity Characteristic Leaching
ISGS -	Illinois State Geological Survey		Procedure
ISTC -	Illinois Sustainable Technology	TRI -	Toxic Release Inventory
	Center (formerly Waste	TVOC -	Total Volatile Organic Compound
	Management and Research	USDA -	United States Department of
	Center)		Agriculture
ISV -	Initial Site Visit	USEPA -	United States Environmental
ISWS -	Illinois State Water Survey	OOLIA	Protection Agency
LUST -	Leaking Underground Storage Tank	USGS -	United States Geological Survey
μg/kg -	micrograms per kilogram (ppb)	00.	Underground Storage Tank
μg/l -	micrograms per liter (ppb)	VOC -	Volatile Organic Compound
mg/kg -	milligrams per kilogram (ppm)		
mg/l -	milligrams per liter (ppm)		
M.P	Milepost		

EXECUTIVE SUMMARY

This report presents the results of an environmental site assessment for this proposed railroad track connection of the Burlington Northern and Santa Fe (BNSF) and Iowa Interstate (IAIS) railroads near Wyanet, Bureau County. This report was prepared on behalf of the Illinois Department of Transportation (IDOT) by the Illinois State Geological Survey (ISGS).

The following sites were examined for this project. The tables below list sites along the project for which recognized environmental conditions (RECs)* were identified for each address or address range (Table 1); sites along the project for which only de minimis conditions were identified (Table 2); sites along the project for which no RECs were identified (Table 3); and sites adjacent to but not on the project that were identified on environmental databases (Table 4). Further investigation of sites with RECs may be desired.

Table 1. The following sites along the project were determined to contain RECs:

Property name IDOT parcel #	ISGS site #	REC(s), including de minimis conditions	Regulatory database(s)	Land use
Railroad Track Connection Area NA	2191-1	AST; potential chemical presence; solid waste; unusual or noxious odors; likely pesticide and/or herbicide use; potential lead paint	None	Agricultural/ railroad

Table 2. The following sites along the project were determined to contain de minimis conditions only:

Property name IDOT parcel #	ISGS site #	De minimis condition(s)	Land use
None			

Table 3. The following sites along the project were determined not to contain RECs or de minimis conditions:

Property name IDOT parcel #	ISGS site #	Land use
Pond Creek NA	2191-2	Creek

Table 4. The following additional sites, adjacent to but not on the project, were identified on environmental databases:

Property name	ISGS site #	Regulatory database(s)	Land use
None			

* For all sites:

Where REC(s) are indicated as present, a condition was noted that may be indicative of releases or potential releases of hazardous substances on, at, in, or to the site, as discussed in the text. Potential hazards were not verified by ISGS testing. Radon, biological hazards (such as mold, medical waste, or septic waste), and non-agricultural pesticides and/or herbicides may also be of concern. No further investigation concerning the presence or use of these factors was conducted for this PESA.

Where RECs are not indicated as present, radon, biological hazards (such as mold, medical waste, or septic waste), and non-agricultural pesticides and/or herbicides may still be of concern. No further investigation concerning the presence or use of these factors was conducted for this PESA.

For the purposes of this report, the following are considered to be de minimis conditions:

- Normal use of lead-based paint on exteriors and interiors of buildings and structures.
- Use of asbestos-containing materials in building construction.
- Transformers in normal use, unless the transformers were observed to be leaking, appear on an environmental regulatory list, or were otherwise determined to pose a hazard not related to normal use.
- Agricultural use of pesticides and herbicides. In addition, most land in Illinois was under agricultural use prior to its conversion to residential, industrial, or commercial development. Pesticides, both regulated and otherwise, may have been used throughout the project area at any time. Unless specifically discussed elsewhere in this report, no information regarding past pesticide use that would be subject to enforcement action was located for this project, and such use is considered a de minimis condition.

Radon and biological hazards are not considered in this PESA unless specifically noted.

NA = No parcel number was supplied by IDOT for this site.

Although potential natural hazards and undermining, if present, are described in this report, they are not considered as RECs or de minimis conditions for the purposes of this report, and are therefore not listed in the tables above.

BACKGROUND

Introduction

This is the **Final Report** of a preliminary environmental assessment by the ISGS of natural and man-made hazards that may be encountered for this proposed BNSF and IAIS railroad track connection project near Wyanet, Bureau County (Attachment 1). The project requires the acquisition of 2.8 hectares (7 acres) of new ROW and includes in-stream work. No building modification or demolition is expected, and it is unknown whether any subsurface utility relocation or excavation is to occur. No stationing information was provided by IDOT for this project. This report identifies and evaluates recognized environmental conditions (RECs) that may be indicative of releases or potential releases of hazardous substances on, at, in, or to the proposed project.

This assessment has been prepared using historical and geological information including aerial photographs, U.S. Geological Survey topographic maps, plat maps, file information of the ISGS and other state agencies, and various other sources of information. An on-site investigation has been completed. The specific methods used to conduct the assessment are contained in "A Manual for Conducting Preliminary Environmental Site Assessments for Illinois Department of Transportation Highway Projects" (Erdmann et al., 1996, and revisions in preparation). If new environmental information is received concerning this site, this report will be updated accordingly and the information made part of the permanent file. If such information is considered to have a significant impact on the findings of this report, the report will be corrected by addendum and resubmitted to IDOT Bureau of Design and Environment.

This Preliminary Environmental Site Assessment (PESA) was performed in compliance with the IDOT-ISGS PESA Manual (Erdmann et al., 1996, and revisions in preparation) and not with the All Appropriate Inquiries environmental assessment standard (40 CFR Part 312) that took effect on November 1, 2006.

Geology

Bedrock geology. The topmost bedrock unit is Pennsylvanian-age bedrock of the Tradewater Formation. The Tradewater Formation consists of elongate sandstone sheets that may contain clay and mica, and may also contain local areas of limestone and coal measures.

Surficial geology. The thickness of surficial deposits in the project area are between 30 and 61 m (100 and 200 ft). The uppermost 15 m (49 ft) consists of less than 6 m (20 ft) of Peoria Silt, described as light yellow to gray silt, that is underlain by greater than 6 m (20 ft) of the Wedron Group, made up of primarily loamy and sandy glacial material in this area.

Soils. None of the soils along the project ROW have been classified as hydric soils by the NRCS. Non-prime farmland soils along the ROW are the Rodman gravelly sandy loam, 2 to 5 percent slopes; Rodman gravelly sandy loam, 6 to 12 percent slopes; and the Hennepin loam, 35 to 70 percent slopes.

Hydrogeology

Due to project type or IDOT internal procedure, the sections on surficial public water supplies, groundwater recharge, groundwater protection areas, potential for contamination of shallow aquifers, and well log information are not included in this report.

Drainage direction. Surficial drainage in the project area is generally toward Pond Creek which essentially bisects the project area; Pond Creek flows toward the southeast. However, the BNSF and IAIS train tracks are substantially built up in this area creating local drainage divides that disrupt local drainage from its natural flow patterns, but all the runoff eventually makes its way into Pond Creek.

Neither the near-surface nor the shallow unconfined groundwater flow direction was specifically determined for this project, but they generally mimic local topography.

DISCUSSION

Man-Made Hazards

The project area is primarily under commercial (railroad) and agricultural use. Attachment 1 contains a project location map. Attachment 2 contains a map of all sites discussed in this report. The most recent versions of the OSFM's UST database, IEPA's LUST database, IEPA's Bureau of Land database, and USEPA's CERCLIS database utilized for this report were dated April 7, 2010, April 5, 2010, April 7, 2010, and April 6, 2010, respectively. IEPA files were reviewed on March 31, 2010. No OSFM or USEPA files were reviewed for this project. Field work for this project was conducted on April 2, 2010.

Data gaps applicable to the entire project area

The following data gaps applicable to the entire project area were noted for this project. Data gaps specific to individual sites are discussed in the site writeups below.

- (1) Although Sanborn Fire Insurance maps were present for the town of Wyanet, they did not extend far enough west to cover the project area.
- (2) Aerial photographs provided information only for those specific times covered by the photographs, as noted in the Information Sources section. No records were available for intervening years, and other land uses could have occurred in these years.

Site 2191-1: Railroad Track Connection Area, no address, Wyanet (Attachment 2). This area consists of a mixture of agricultural land, undeveloped land, and railroad ROW. The railroad ROW consists of the Burlington Northern and Santa Fe (BNSF) railroad running from the northeast to southwest, and the lowa Interstate (IAIS) railroad, running in approximately an east-west direction in this area. Along the BNSF railroad line, agricultural fields were present north of the IAIS railroad. South of the IAIS railroad the land was either forested or undeveloped weed-covered land. The IAIS railroad was located within the floodplain of Pond Creek, but was built up approximately 5 m (15 ft) above the natural ground level. Trees lined both the north and south sides of the tracks and

Pond Creek crossed beneath it just west of the intersection with the BNSF railroad.

During a site visit, several areas (marked as A on Attachment 2) contained piles of 19-liter (5gallon) plastic and metal buckets with labels on them identifying them as "railroad curve grease". Some of the labels identified the grease as soy-based and biodegradable; others were petroleumbased. There were approximately 50 buckets total on the north side of the IAIS tracks and a scattered few on the south side of the tracks. A slight smell of petroleum was noted in close proximity to the buckets. Also noted along the south side of the tracks was a large pile of metal debris (approximate location marked as B on Attachment 2). The debris appeared to have been dumped down the slope from the adjoining agricultural field to the south and contained an AST, metal grain bins, metal drainage culvert, wire fencing, and corrugated sheeting. The debris did not appear to be on current railroad ROW, stopping right at the fence line between the railroad and adjoining property, but appears to be in the proposed corridor being scoped for this project. In addition, the IAIS railroad had numerous piles of used railroad ties (containing around 20 used railroad ties per pile) located primarily on the north side of the tracks; the piles were spaced approximately every 12 m (40 ft). Scattered loose used railroad ties were also located throughout the length of both rail lines. This site was not listed on any of the regulatory lists checked for this project.

Plat maps from 1875 show the railroad tracks present and their intersection was labeled "Junction Station". A small building is also shown on this map in the west quadrant of their intersection. Plat maps from 1903 show the building was gone but label the intersection "Railroad Jct". Plat maps from 1938 to 2005 show both railroad tracks present throughout this period and show the surrounding land under individual use. Aerial photographs from 1941 to 2007 show this site in essentially the same configuration as it is currently.

No visual evidence of stressed vegetation, depressions, mounding or soil piles, lagoons or surface impoundments, stained soil or pavement, water discoloration, fill, pumps or dispensers, protruding pipes, pipelines, drums, monitoring wells, pits, transformers, non-petroleum chemical use or storage were noted at this site during a site visit by ISGS on April 2, 2010.

No data gaps were identified for this site.

Although there are no buildings present, some of the demolition debris was painted and may therefore contain lead-based paint. However, none of demolition debris appeared to contain asbestos-containing material so it is unlikely to be present at this site.

The following RECs were identified at this site: AST; potential chemical presence as noted above; solid waste; unusual or noxious odors.

The following de minimis conditions were identified at this site: Likely pesticide and/or herbicide use based on agricultural land use; potential lead-based paint.

Site 2191-2: Pond Creek, no address, Wyanet (Attachment 2). This southward-flowing creek runs along the north side of the IAIS railroad tracks and crosses under it just west of the intersection of the BNSF and IAIS railroads. According to the 2008 IEPA Water Quality Report, Pond Creek has not been assessed for water quality in the project area. This site was not listed on any of the regulatory lists checked for this project.

No visual evidence of stressed vegetation, depressions, mounding or soil piles, lagoons or surface impoundments, stained soil or pavement, water discoloration, fill, storage tanks (above or underground), pumps or dispensers, protruding pipes, pipelines, drums, monitoring wells, pits, solid waste, transformers, non-petroleum chemical use or storage, or unusual or noxious odors were noted at this site during a site visit by ISGS on April 2, 2010.

No data gaps were identified for this site.

Because there are no buildings present and no evidence of fill or demolition debris was observed, asbestos-containing materials and lead paint are unlikely to be present at this site.

No RECS or de minimis conditions were identified at this site.

Other potential man-made hazards

Properties adjacent to the proposed project that appear on regulatory lists. The ISGS conducted a search of federal, state, and other environmental databases for sites with reported environmental concerns on sites adjacent to the proposed project. For certain resources, the search distances may have been expanded when deemed applicable in the judgment of the environmental professional. Refer to the Appendix for complete citations for these databases and the date of last update of each database. Sites along the project are listed in the preceding section. The following sites adjacent to the project but not along the project were identified.

Federal records:

CERCLIS: NPL, Active, and Archived None.

RCRA sites subject to corrective action (CORRACTS)

None.

RCRA sites – non-CORRACTS TSD None.

RCRA sites – other None.

Brownfields pilot sites None.

State records:

Leaking underground storage tanks (LUST) None.

Registered underground storage tanks (UST) None.

Landfills, disposal sites, and solid waste management facilities None.

Activity and Use Limitations (including Institutional controls, engineered barriers, and Highway Authority Agreements

None.

Brownfields

None.

IEPA Bureau of Land Inventory None.

IEPA Site Remediation Program

None.

Non-LUST spill incidents
None.

Tribal records: There are no tribally owned lands in the state of Illinois; therefore, the checking of tribal records is not applicable for this report.

Natural Hazards

Wetlands. According to National Wetlands Inventory maps, two wetlands have been mapped in the project area. One is a palustrine emergent forested wetland located at the far eastern project limit, and the second is a palustrine forested broad-leafed deciduous temporary wetland located just southeast of where Pond Creek crosses under the IAIS railroad tracks. These wetlands maps were defined primarily by aerial photographs, which may reflect conditions specific to the year or season that the photography was completed. Therefore, wetlands areas may be either overstated or missing entirely.

Floodplains. According to Flood Insurance Rate maps, the project route crosses the Special Flood Hazard Area (land area subject to inundation by a flood that has a 1% probability of being equaled or exceeded in any given year) of Pond Creek. Flooding, standing water, and saturated soils may be encountered in this area, particularly during periods of high or extended rainfall or spring snowmelt.

No other observed or known natural hazards were identified for this project.

CONCLUSIONS

- (1) RECs were identified at the following site along the project:
 - Site 2191-1: Railroad Track Connection Area. AST; potential chemical presence; solid waste; unusual or noxious odors; likely pesticide and/or herbicide use; potential lead paint.
- (2) No RECs or de minimis conditions were identified at the following site along the project:
 - Site 2191-2: Pond Creek.
- (3) No properties that appear on environmental databases as listed in the text were identified on sites adjacent to the proposed project.
- (4) According to Flood Insurance Rate maps, the project route crosses the Special Flood Hazard Area (land area subject to inundation by a flood that has a 1% probability of being equaled or exceeded in any given year) of Pond Creek. Flooding, standing water, and saturated soils may be encountered in this area, particularly during periods of high or extended rainfall or spring snowmelt.
- (5) For the purposes of this report, the following are considered to be de minimis conditions:
- Normal use of lead-based paint on exteriors and interiors of buildings and structures.
- Use of asbestos-containing materials in building construction.
- Transformers in normal use, unless the transformers were observed to be leaking, appear
 on an environmental regulatory list, or were otherwise determined to pose a hazard not
 related to normal use.
- Agricultural use of pesticides and herbicides. In addition, most land in Illinois was under agricultural use prior to its conversion to residential, industrial, or commercial development. Pesticides, both regulated and otherwise, may have been used throughout the project area at any time. Unless specifically discussed elsewhere in this report, no information regarding past pesticide use that would be subject to enforcement action was located for this project, and such use is considered a de minimis condition.

ENDORSEMENTS

Project Manager:	Daniel Com	Date: 4-8-70
	Daniel J. Adomaitis	
Approved:	du LSL	Date: <u>04/08//6</u>
	Anne Erdmann, P.G., State of Illinois	and Continues an
	License #196-000546	SSIONA
		18th

ADDRESS LISTINGS

The following addresses along the project were evaluated for this project. Addresses of sites, if any, adjacent to the proposed project but not along the project are not listed here; see text for discussion of these sites.

Property name and address	ISGS site #	Parcel #
Railroad Track Connection Area no address, Wyanet	2191-1	NA
Pond Creek no address, Wyanet	2191-2	NA

INFORMATION SOURCES

Lists, Databases, and Publications

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GIS Data

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Aerial Photographs

2005 ISGS photomosaic

1998 ISGS photomosaic

1988 Markhurd IL 557 Line 36

1970 USDA RR-2LL-60 and 99

1964 USDA RR-2EE-196

1958 USDA RR-1V-17

1951 USDA RR-3H-25, 26, 141, and 142 1941 USDA RR-2B-137 and 138

<u>Other</u>

Ogden, Jan (March 31, 2010). Written correspondence. Freedom of Information Officer, Illinois Environmental Protection Agency, Bureau of Land, Springfield, Illinois.

APPENDIX

ISGS PRELIMINARY ENVIRONMENTAL SITE ASSESSMENT CHECKLIST

IDOT: City: County: Location Coordinates:

NA Wyanet Bureau T16N, R8E, Sections 19 and 20

IDOT District Contact:

Name: Connie Lindenmier (815) 434-8434 Phone:

ISGS Lead: D. Adomaitis

ISGS: 2191

Task	Status*	Date	Ву
Original Material Copied	MF	4/1/10	DJA
 IDOT Project Location Database – (All other projects/IDOT sites in the vicinity of the project) Other Preliminary Environmental Site Assessments Preliminary Site Investigations/Phase II Reports Maintenance Facilities Permit-Access Agreements Draft Highway Authority Agreements/Highway Authority Agreements Miscellaneous Sites 	NF NF NF NF NF	4/5/10 4/5/10 4/5/10 4/5/10 4/5/10 4/5/10	DJA DJA DJA DJA DJA DJA
Local Collections ► County ► City	NF NF	4/5/10 4/5/10	DJA DJA
Geologic Information ISGS Stack-Unit Map (GIS) ISGS Glacial Drift in Illinois (GIS) ISGS Bedrock Geology of Illinois (GIS) USDA NRCS Soil Survey Maps USDA NRCS Hydric Soils USDA NRCS Prime Farmland Soils	MF MF MF MF MF	4/5/10 4/5/10 4/5/10 4/5/10 4/5/10 4/5/10	DJA DJA DJA DJA DJA DJA
Hydrogeologic Information (non-CE projects only) IEPA Restricted Status List USGS-IEPA SWAP-IL Public Water Supplies ISGS Wells (GIS) ISWS Public Water Supply Surface Water Intakes in Illinois (GIS) Berg Potential for Aquifer Contamination Map Keefer Potential for Aquifer Recharge Map Sole Source Aquifer Protection Program	NA NA NA NA NA NA NA	4/5/10 4/5/10 4/5/10 4/5/10 4/5/10 4/5/10 4/5/10	DJA DJA DJA DJA DJA DJA DJA
Hydrogeologic Information (all projects) ► USGS-IEPA SWAP Wellhead Protection ► USGS-IEPA SWAP Fact Sheets /IEPA Well Site Survey Reports	NF NF	4/6/10 4/6/10	DJA DJA
Historical Records Aerial Photographs USGS Topographic Maps Plat Maps Sanborn Fire Insurance Maps: Chadwyck-Healey Inc. Sanborn Fire Insurance Maps: University Publications of America Sanborn Fire Insurance Maps: Rascher Publishing Company City Directories Industrial Directories (optional) IEPA-ISGS Summary of Former Manufactured Gas Plant Sites (GIS) ISGS Draft CERCLIS Site Coverage (GIS) ISGS Draft Lust Site Coverage (GIS) ISGS Draft Landfill Site Coverage (GIS)	MF MF NF NF NF NF NF NF NF NF NF NF	4/7/10 4/7/10 4/7/10 3/28/10 3/28/10 3/28/10 3/28/10 3/28/10 4/1/10 4/1/10 4/1/10	DJA DJA DJA DJA DJA DJA DJA DJA DJA

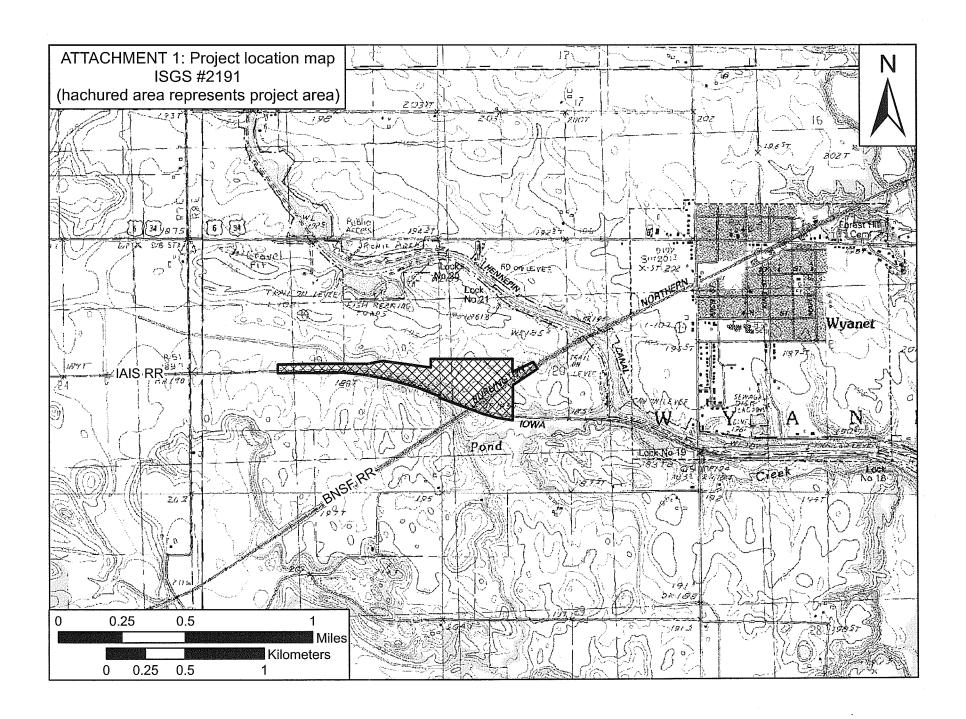
Task	Status*	Date	Ву
Federal Records CERCLIS (NPL, Active, Archived) Mercury Site Lists RCRA CORRACTS RCRA Non-CORRACTS TSD Facilities RCRA (Other) ERNS Brownfields Pilot Sites Toxics Release Inventory	XF XF XF XF XF XF XF XF XF	4/7/10 4/7/10 4/7/10 4/7/10 4/7/10 4/7/10 4/7/10 4/7/10	DJA DJA DJA DJA DJA DJA DJA DJA
USEPA Information Request ► Sent ► Received	No	3/28/10	DJA
State Records LUST UST Landfills (GIS) Activity and Use Limitations (AULs) Brownfields IEPA Bureau of Land Inventory IEPA Site Remediation Program IEMA Incidents State Underground Injection Control Inventory IEPA Illinois Water Quality Reports	NF N	4/7/10 4/7/10 4/7/10 4/7/10 4/7/10 4/7/10 4/7/10 4/7/10 4/7/10 4/7/10	DJA DJA DJA DJA DJA DJA DJA DJA DJA
IEPA BOL Information Request ► Sent ► Received	Yes Yes	3/30/10 3/31/10	DJA
OSFM Information Request ► Sent ► Received	No	3/28/10	DJA
Local Records ► Fire Department Records (optional)	NA	4/2/10	DJA
Mining Maps and Publications ► ISGS Quadrangle/County On-Line Coal Maps and Directories ► ISGS Non-Coal Underground Mines ► Lead Mining	NF NF NF	4/7/10 4/7/10 4/7/10	DJA DJA DJA
Oil and Gas Information ► ISGS Oil and Gas Fields/Oil Wells (ILOIL GIS) ► USDOT OPS Pipeline Integrity Management Mapping Application	NF NF	4/6/10 4/6/10	DJA DJA
Natural Hazards • USGS Seismic Risk Map • FEMA FIRM Maps • ISGS Landslide Inventory (GIS) • Weibel Karst Terrains and Carbonate Rocks of Illinois Maps • USFWS, IDNR, and INHS Illinois Wetlands Inventory (GIS)	NF MF NF NF MF	4/7/10 4/7/10 4/7/10 4/7/10 4/7/10	DJA DJA DJA DJA DJA

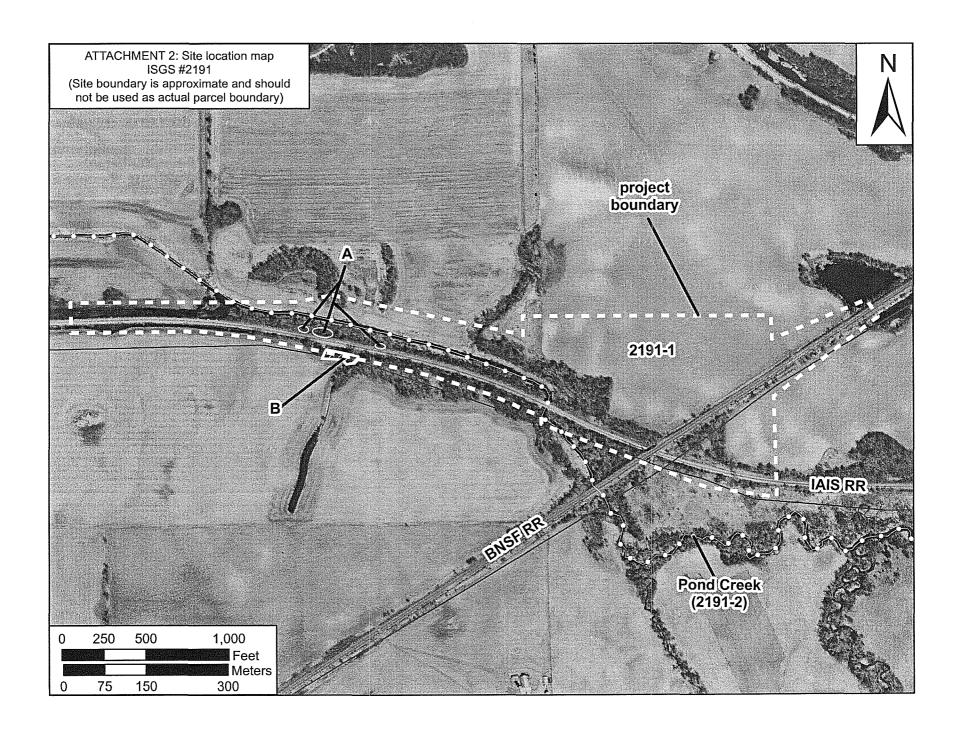
^{*} MF = Material found within search radius; NF = Nothing found within search radius; NA = Not applicable

Date of Records Review Completion: April 7, 2010

LIST OF ATTACHMENTS

- 1. Project location map, ISGS #2191.
- 2. Site location map.





Attachments	Supplemental Information
Attachment 3	
Eola Main Line Improvements Cultural Resources Technical	Memorandum
Eola ivani Line improvements Cultural Resources Technical	i Wemorandum



Technical Memo

Eola Main Line Improvements Cultural Resources

PROJECT DESCRIPTION

In September 2009 the Iowa and Illinois departments of transportation (Iowa DOT and Illinois DOT) developed a Tier 1 Service Level Environmental Assessment (EA) for the Intercity Passenger Rail project between Chicago, Illinois, and Iowa City, Iowa. This memo provides supplemental information to that EA documenting potential historic properties in and around the Eola Yard that could be adversely affected by the proposed Project. The EA and supplemental Information will be submitted as part of the Iowa and Illinois DOTs' Office of Rail Transportation application for High Speed Intercity Passenger Rail (HSIPR) Program grant funds from the FRA FY2010 DOT Appropriations Act.

The purpose of this technical memo is to assist the Iowa and Illinois DOTs in preparing supplemental information on possible cultural impacts to the Eola Yard resulting from the proposed Project. Since the current NEPA analysis is at the service level, specific Project impacts are not known.

Eola Yard Cultural Resources Project Area - No federal agency has defined an Area of Potential Effects (APE) as yet. For the purposes of this memo, the project area includes railroad right of way (ROW) from about 500 feet west of the Farnsworth Avenue overpass on the west end of the yard to roughly 500 feet west of the EJ&E Railroad overpass (Figure 1).

The entirety of the archaeological resources review is within the existing Eola Yard, an active rail yard with dozens of trains passing through each day. Limits for the architectural structures review coincide with the incremental noise and vibration contours (Figure 2). Being an active yard, the soils in the area are mapped by the USDA Natural Resources Conservation Service Web Soil Survey as earthy fill (USDA 2010).

www.hdrinc.com

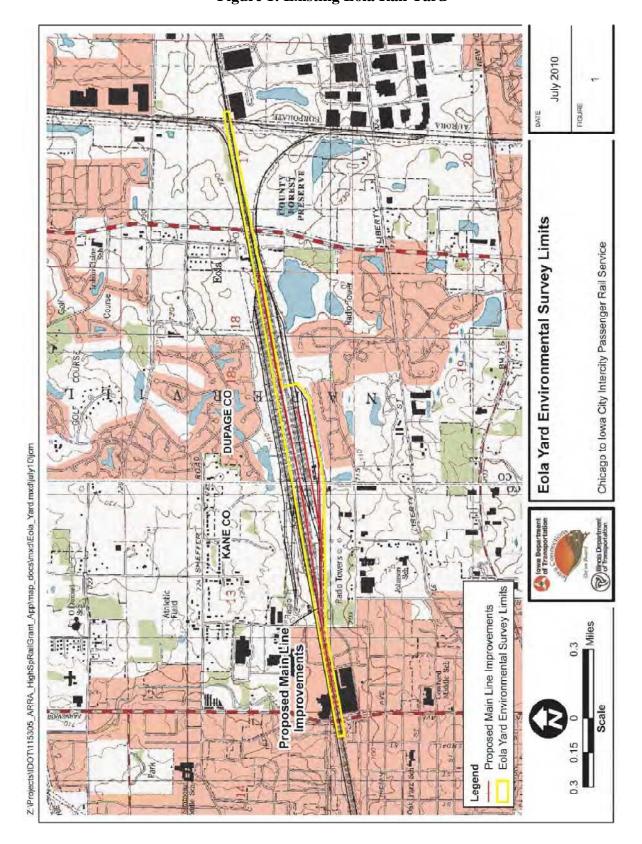


Figure 1: Existing Eola Rail Yard

Phone (763) 591-5400 Fax (763) 591-5413

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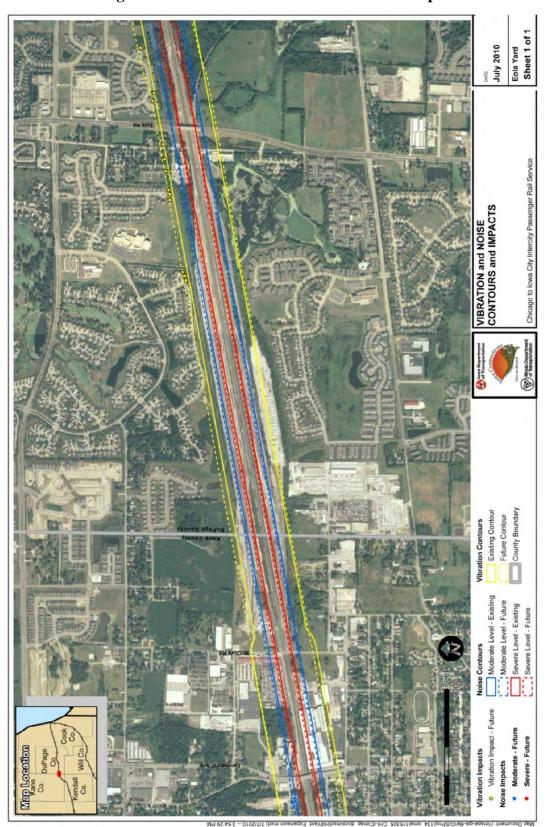


Figure 2: Vibration and Noise Contours and Impacts

BACKGROUND RESEARCH

The following resources were reviewed in order to discover the likelihood of historic properties existing within the Eola Yard.

- Historic aerial photographs from 1939 (Illinois Natural Resources Geospatial Data Clearinghouse 2010)
- 1874 atlas (Historic Map Works. 2010a)
- Government Land Office (GLO) plats (Illinois State Archives 2010)
- SHPO/IAS surveys and data (Illinois Archaeological Survey 2010)
- History of DuPage County, Illinois (Blanchard 1892)
- Map of Naperville Township, DuPage County, 1904 (Shows Chicago, Burlington, and Quincy Railroad running through property still owned by E.G. Crane. No rail yard shown.) (Historic Map Works. 2010b)
- Historic topographic maps (EDR 2010)
- Naperville Township, DuPage County, Aurora Township; Kane County Assessors Offices online records

Results from the reviews are discussed below.

SHPO/IAS SURVEYS AND DATA

On June 23, 2010, HDR requested a site file search from the Illinois Archaeological Survey (IAS) and the Illinois State Museum Society for information on previously recorded archaeological sites within a 1-mile radius of the yard. Information was received June 30, 2010. The online database for the National Register of Historic Places (NRHP 2010) was checked for listed properties within or near the yard. There are no listed properties within the area, and the nearest listed property is more than a mile away at the intersection of Spring and Broadway streets in Aurora. A search for locally listed properties has not been conducted. Below are summaries of the information received from the Illinois State Museum Society for archaeological properties near the project area.

Summary of Kane County

There have been no previous surveys and no recorded archaeological sites within the Eola Yard. Most of the surveys conducted within 1 mile of the yard were related to residential and commercial development (Table 1). Of the 12 sites recorded within 1 mile of the project, six are low density lithic scatters or isolated finds associated with undetermined prehistoric cultural affiliation (Table 2). The remaining six sites are historic, and none predate the Early Industrial period (1871-1900). The compliance status of all sites is "Not Eligible for the National Register of Historic Places."

Table 1: Recorded Historic Properties within 1 Mile of Eola Yard

Site Number	Associated Survey Doc #	Context	National Register Eligibility Status
11-K-724	12351	Historic – post 1871	Not e lig ib le
11-K-725	12351	Historic – post 1871	Not e lig ib le
11-K-726	12351	Historic – post 1871	Not e lig ib le
11-K-727	12351	Pre historic unknown	Not e lig ib le
11-K-912	14364	Pre historic unknown	Not e lig ib le
11-K-913	14364	Pre historic unknown	Not e lig ib le
11-K-914	14364	Historic – post 1871	Not e lig ib le
11-K-915	14364	Pre historic unknown	Not e lig ib le
11-K-916	14364	Po st-Wa r	Not e lig ib le
11-K-917	14364	Pre historic unknown	Not e lig ib le
11-K-918	14364	Historic – post 1871	Not e lig ib le
11-K-919	14364	Pre historic unknown	Not e lig ib le

Table 2: Recorded Surveys within 1 Mile of Eola Yard

Surveys w/in 1 mi (Doc #)	Preparer	Year survey completed
13214	n/a	n/a
13335	Mid we st Arc haeological Research Services, Inc.	2003
12351	Archaeology and Geomorphology Services	2002
14364	Archaeology and Geomorphology Services	2004
3475	Northern III University	1990
15308	Northern III University	2005
178	Mid-American Research Center	n/a
7940	Ill Transportation Archaeological Research Program	1996

Summary of DuPage County

Within the DuPage County portion of the survey area, there have been no previous surveys and no recorded archaeological sites. Most of the surveys conducted within 1 mile of the project have been related to development (Table 3). Of the 16 sites recorded within 1 mile of the yard, seven are low density artifact scatters associated with undetermined prehistoric cultural affiliation, and two are isolated finds (Table 4). One is a multicomponent Late Archaic/historic site. The remaining six sites are from historic periods. The compliance status of nine sites is "Not Eligible for the National Register of Historic Places," with the remaining sites' status undetermined or not available at the time of report preparation.

Table 3: Recorded Surveys within 1 Mile of Eola Yard

Surveys w/in 1 mi (Doc #)	Preparer	Ye a r Surve y Comple te d
2488	The Benham Group, Inc	1988
4020	n/a	n/a
4876	University of Ill. Resource Investigation Program	1992
6048	Archaeological Research Inc.	1994
6138	Mid we st Arc ha e o lo g ic a l Re se a rc h Se rvic e s, Inc.	1994
6387	Northern Illinois University	1995
7294	Archaeological Research Inc.	1996
7940	n/a	n/a
9434	Mid we st Arc ha e o lo g ic a l Re se a rc h Se rvic e s, Inc.	1999
9620	The C.A.V.E. Group, Inc.	1999
9953	The C.A.V.E. Group, Inc.	1999
13036	Public Service Archaeology Program	2003
14063	Arc ha e o lo g ic a l Re se a rc h In c.	2003
16099	Public Service Archaeology Program	2007
18017	Ill Transportation Archaeological Research Program	2009
18213	Mid we st Arc ha e o lo g ic a l Re se a rc h Se rvic e s, Inc.	2008

Table 4: Recorded Historic Properties within 1 Mile of Eola Yard

Site Number	Associated Survey Doc #	Context	National Register Eligibility Status
11-Du-311	n/a	Pre historic unknown	Not e lig ib le
11-Du-111	n/a	Pre historic unknown	n/a
11-Du-213	4876	Multicomponent Late Archaic/historic	n/a
11-Du-214	4876	Pre historic unknown	n/a
11-Du-312	n/a	Pre historic unknown	Not e lig ib le
11-Du-313	n/a	Historic -Modern	Not e lig ib le
11-Du-323	6138	Historic Euro American	und e te rm ine d
11-Du-338	6387	Historic – post 1871	Not e lig ib le
11-Du-339	6387	Historic – post 1871	Not e lig ib le
11-Du-340	6387	Historic – post 1901	Not e lig ib le
11-Du-4	n/a	Pre historic wood land	n/a
11-Du-440	9434	Pre historic unknown	Not e lig ib le
11-Du-441	9434	Pre historic unknown	Not e lig ib le
11-Du-472	13036	Historic – post 1841	Not e lig ib le
11-Du-90030	n/a	Iso la te d fin d	n/a
11-Du-90031	n/a	Iso la te d fin d	n/a

EOLA HISTORIC MAP REVIEW

The main railroad line appears to be of historic age. The Chicago, Burlington & Quincy Railroad was originally the Aurora Branch Railroad that extended 13 miles from Aurora into Kane County, and to Turner Junction (now West Chicago) in 1852. The name changed in 1852 to the Chicago & Aurora Railroad, and then changed again in 1853 to Chicago, Burlington, and Quincy Railroad Co. The line was completed to Chicago by 1864, thereby creating a link west to the Mississippi River (Blanchard 1882).

Government Land Office Maps (Illinois State Archives. 2010)

<u>DuPage County 1842.</u> The land survey map of DuPage County indicates the Eola Yard area and its surroundings were composed of farmland and marsh.

<u>Kane County 1840.</u> The land survey map of Kane County shows a road to Chicago about one mile south of the yard area, and a stream (Indian Creek) running north-south through and along the section lines between Sections 13 & 14.

Other Atlases

<u>The DuPage County Atlas 1874, Naperville Township</u> (Historic Map Works 2010a) shows the railroad traversing the yard area, but no yard. Property on either side of the railroad is shown as owned by Edgar G. Crane. The map also shows two structures very near the northern boundary of the area. These are a cheese factory and the Eola Post Office.

<u>DuPage County 1904, Naperville Township.</u> (Historic Map Works. 2010b) This map depicts the Chicago Burlington Quincy RR running through property still owned by E.G. Crane. No rail yard is shown.

Historic Topographic Maps

The 1993 topographic map of Naperville (7.5 ft series, Scale: 1:24000) shows Eola Road continuing in a straight line crossing over the rail yard. The 1998 quad map of the same area shows the crossing is removed, and a new bypass constructed over the yard, east of the previous crossing. The Vaughn Road overpass is visible on the 1980 topographic map, but by 1993 it has been removed. The topographic maps from 1949 to 1993 indicate several structures existed within the yard, primarily in the central part near the southern tracks, which were probably used for off-loading and product storage. (EDR 2010)

As no Sanborn fire insurance maps exist, details of the structures are not available. Today, this area is used as a lumberyard, and a standing brick structure holds the BNSF electrical department.

HISTORIC AERIAL PHOTOGRAPHS

Several structures appear on the 1938 aerial photograph that are no longer standing today (Illinois Natural Resources Geospatial Data Clearinghouse 2010). One is the bridge that carried Vaughn Road over the railroad yard and tracks. Other structures include the cheese factory buildings that were indicated on the 1874 atlas, and various structures associated with the rail yard (Historic Map Works. 2010a). The areas adjacent to the rail yard are primarily agricultural.

FIELD VISIT

On July 6, 2010, HDR representatives were escorted through the site by BNSF personnel to assess the area for potential archaeological properties and historic standing structures. The visit was limited to areas within the active rail yard where allowed by BNSF, and was conducted by personnel in vehicles with stops at key areas within the rail yard. Photographs were taken of items of interest, including culverts, bridges and other structures, and building foundations. The photographs serve to document overall rail yard conditions, and evidence of disturbance.

SUMMARY OF RESEARCH

Prehistoric Archaeological Properties

Although there are no properties or surveys previously recorded within the ROW, within 1 mile records show that there are several previous inventory studies and recorded properties (Illinois Archaeological Survey 2010). There may have been prehistoric sites within the rail yard at one time; however, it is highly likely that all traces have been removed by previous agricultural tilling associated with the Crane farm, and the later incremental development of the rail yard. HDR's environmental assessment revealed that a train collision in the 1990s spilled fuel oil requiring soil removal from the yard as remediation (HDR 2010). It is very doubtful that any intact soils remain within the yard that could contain cultural remains from the precontact period.

Historic Archaeological Properties

Several structures appear on the 1938 aerial photograph, and on the historic topographic maps, that are no longer standing today. (Illinois Natural Resources Geospatial Data Clearinghouse 2010, EDR 2010) One is a bridge that carried Eola Road over the railroad tracks. The piers for the bridge are still standing. Other potential archaeological remains may be associated with structures associated with railroad use, off-loading, and storage of materials among the southern tracks. Two concrete slabs and/or foundations from structures of unknown age are visible on either side of the new Eola Road overpass (Photos 1 & 2).

Historic Standing Structures

From the 1874 atlas, two structures stand out: a cheese factory and the Eola post office (Historic Map Works. 2010a). Records from the Naperville township assessor indicate that the post office was built in 1874. No information is available on the cheese factory. Neither of these structures is within the rail yard; both are adjacent to the yard, on the north side.



Photo 1: Concrete Slab Foundation



Photo 2: Concrete Foundation

IMPACTS TO HISTORIC STRUCTURES

The previous noise and vibration study (Completed in September 2009) identified 16 structures within or adjacent to the current rail yard that could be incrementally affected by noise or vibration if the proposed Project is built (Table 5). Most of these structures are elements of modern, recently built residential subdivisions and as such, do not meet the requirements of a historic property based on age (photo 3). There are an unknown number of residences that could be affected within one recently built structure on Stamford Court, and in two additional structures on Bromley Lane.

Table 5: Properties within the Eola Yard Potentially Affected by Noise and/or Vibration

Address	Description	Year built
Du Pa g		
1060-1080 Stamford Court	Condos	2002
3100 Block, Bromley Lane	Condos	2002
1041 Oa khill Dr., Aurora	House	2001
1047 Oa khill Dr., Aurora	House	2001
1066 Oa khill Dr., Aurora		
2531 Sutton Lane, Aurora	House/condo	1996
2533 Sutton Lane, Aurora	House/condo	1998
2535 Sutton Lane, Aurora	House/Condo	1998
1064 E 4th St., Eo la	House	2001
6s381 4 th St., Eo la	House	1900
6s375 Eo la Rd., Eo la	House	1924
Ka ne County		
1305 Rura 1 St., Aurora	House	n/a
1307 Rura l St., Aurora	Single story House	1948
1313 Rura l St., Aurora	Single story House	1955



Photo 3. Example of modern house on Oakhill Drive Photo from Naperville Township Assessor's office

Two structures that could be affected are potentially historic. These include 6S381 4th Street, and 6S375 Old Eola Road, in the unincorporated village of Eola, in Naperville Township, DuPage County. These structures are of sufficient age to meet eligibility requirements of the NRHP (photos 4 & 5). Additional investigation into their historical significance may be warranted.

On the western end of the yard there are three structures that may be affected by incremental noise impacts. These include structures located at 1305, 1307, and 1313 Rural Street, Aurora. The year-built information for the structure at 1305 Rural St. was not available. The two other structures are mid-twentieth century residences that may meet age requirements for the NRHP. Photographs of these structures are not available. Additional investigation on these properties may be warranted.

CONCLUSION

There are no previously recorded archaeological sites within the Eola Yard. The two foundations noted during field review are poured concrete and date to the early to mid twentieth century. While the original structures may have been important to the operation of the rail line, there is little chance that they could currently contain important archaeological information. The yard itself has been heavily altered throughout its existence, such that it is unlikely that there are any

current areas within the yard that would contain significant and undisturbed buried cultural materials.

There are three structures on the west end of the yard that are within the noise impact contour that may fall outside the Eola Yard Improvement limits, but are close enough to warrant attention. The structures appear to date to the mid twentieth century, and may be old enough to warrant further inventory, assuming they actually fall within the yard improvement limits. Two structures within the incremental vibration contours within the unincorporated village of Eola have sufficient age to require additional inventory at the Tier 2 level. The field visit noted that there are additional vintage structures within the rail yard or adjacent to it. The scope of this assessment was to document those structures that would be incrementally affected by noise or vibration should the project be constructed, not those already within the existing contours. If construction will require removal or alteration of existing structures within the rail yard, additional inventory may be necessary.



Photo 4: Eola Road

Photo from Naperville Township Assessor's office.



Photo 5: 6351 4th Street

Photo from Naperville Township Assessor's office

REFERENCES/SOURCES

- Aurora Township Assessor's Office Website. Accessed July 2010 at http://auroratownshipassessor.com/Assessor/assessor.html
- Blanchard, Rufus. 1882. History of Du Page County. Chicago: O.L. Baskin & Co., Historical Publishers. Accessed from Illinois Digital Archives in July 2010 at http://www.idaillinois.org/u?/npl,1186
- Du Page County Assessor's Office Website. Accessed July 2010 at http://www.co.dupage.il.us/soa/
- Historic Map Works. 2010a. Naperville Township Map from the 1874 Du Page County Atlas. Originally published by Thompson Bros. and Burr, Chicago. Accessed in July 2010 at http://www.historicmapworks.com/Map/US/27736/Naperville+Township/
- Historic Map Works. 2010b. Naperville Township Map from the 1904 Du Page County Atlas. Originally published by Middle-West Publishing Co., Chicago. Accessed in July 2010 at http://www.historicmapworks.com/Map/US/214213/Naperville+Township++Eola++Copenhagen/DuPage+County+1904/Illinois/
- Environmental Data Resources, Inc. (EDR). *Eola Yard Improvements Project Level EA*. Report prepared for HDR Engineering, Inc., June 23, 2010.
- HDR Engineering, Inc. (HDR). 2010. Preliminary Environmental Site Assessment Chicago to Iowa City Intercity Passenger Rail Service Eola Mainline Improvements. Report prepared for the Illinois and Iowa Departments of Transportation, July 2010.
- Illinois Archaeological Survey/Illinois State Museum Society. Project Area Sites and Surveys Record Search. June 2010.
- Illinois Natural Resources Geospatial Data Clearinghouse, University of Illinois at Urbana-Champaign. Historic aerial photographs from 1938 (Dupage Co.) and 1939 (Kane Co.). Accessed in July 2010 at: http://www.isgs.uiuc.edu/nsdihome/
- Illinois State Archives. 2010. Federal Township Plats of Illinois (1804-1891). Accessed in July 2010 at http://landplats.ilsos.net/FTP_Illinois.html
- Kane County Assessors Office. Accessed July 2010 at http://www.co.kane.il.us/soa/
- Naperville Township Website. Accessed July 2010 at http://www.napervilletownship.com/SD/Naperville/content/default.aspx
- National Register of Historic Places (NRHP). Database searched in July 2010 at http://www.nps.gov/nr/
- USDA. 2010. Natural Resources Conservation Service Web Soil Survey Soil Survey. Accessed from: http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx

Phone (763) 591-5400

Attachment 4
Wyanet Connection Archaeological Survey Short Report

ARCHAEOLOGICAL SURVEY SHORT REPORT Illinois Historic Preservation Agency Old State Capital Building Springfield, Illinois 62071 (217/785-4997)

TRIBAL NOTIFICATION DATE:

COMMENT PERIOD END DATE:

LOCATIONAL INFORMATION AND SURVEY CONDITIONS:

ISAS LOG

10056

District #

3

County

Bureau

Quad

UTM

Soils

Wyanet Quad

Project Type/Title

BNSF/IAIS Wyanet Connection

Chicago to Iowa City

Passenger Rail

Sequence No.

N/A

Funding or Permitting Agency

IDOT

Section 19, 20

F. 92

Eastern Terminus: N4581540 E282420

Western Terminus: N4581580 E281200

Range

Natural Division

8E

Project consists of construction of a railroad connection between BNSF line and IAIS passenger line, approximately 1 mile southwest of Wyanet, IL to accommodate/extend a passenger rail between Chicago, IL and

Iowa City, IA.

Project Description

The soils in this project are part of Plano-Proctor-Worthen soil associations.

Topography

The project area traverses the uplands, creek terrace, and floodplain of Pond Creek.

Land Use/Ground Cover

(Include % Visibility)

Approximately 1/2 of the project area lies within cultivated field with harvested corn and visibility of at least 50%. The west half of the project area lies within the wooded and grassy terrace/floodplain

Township 16N

of Pond Creek with 0% visibility.

Drainage

The project area is drained by Pond Creek, which has been channelized, that drains to West Bureau Creek and

thence to Big Bureau Creek, which drains to the Illinois River and finally to the Mississippi River.

ARCHAEOLOGICAL AND HISTORICAL INFORMATION:

Survey Limitations

There were no limits to the project.

Sources

The historic maps referenced include GLO 1822; GLO 1862; Ogle 1892; Warner, Beers, and Co. 1875.

Investigation Techniques

The cultivated field was pedestrian surveyed in 8 transects at 5 meter intervals. The wooded/grassy area was shovel tested in two transects at 15 meter intervals.

Previously Reported Sites

No previously recorded sites are located within the project area or within one mile of the project

area.

Previous Surveys

There are no previous surveys within the current project area. There are two previous surveys recorded

within one mile of the current project area (IHPA Doc #s: 4139 and 8224).

Archaeologist Contacted

n/a

Acres 7

Sq m 28,328

Time 3 person days

Collection Technique

n/a

Curated

n/a

Materials

None

Sites in Project Area

None

Other Sites Identified

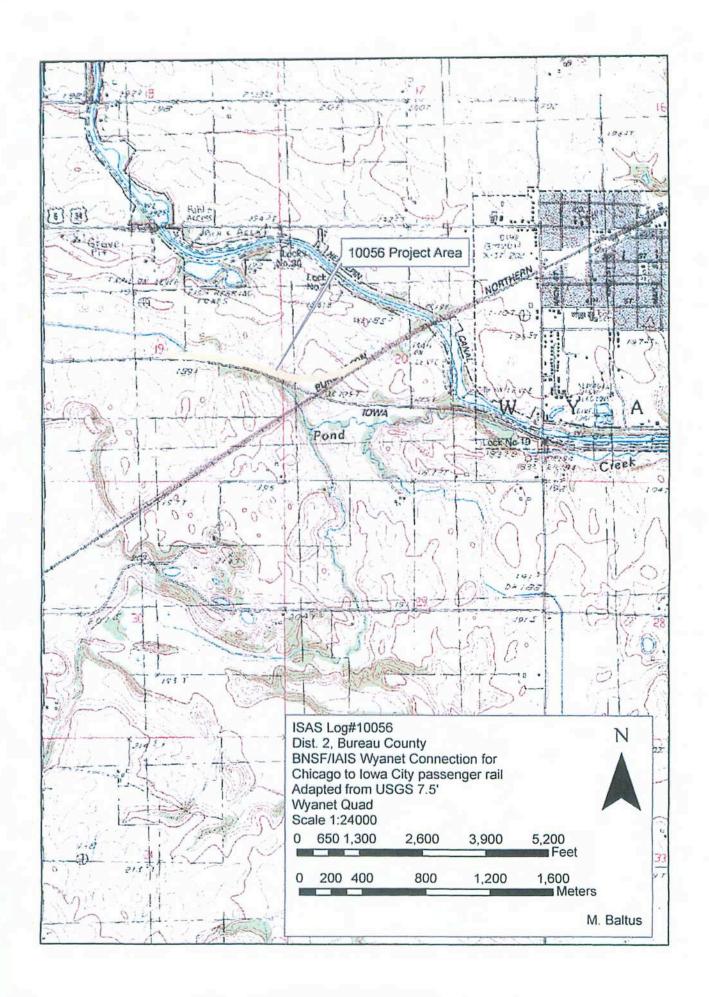
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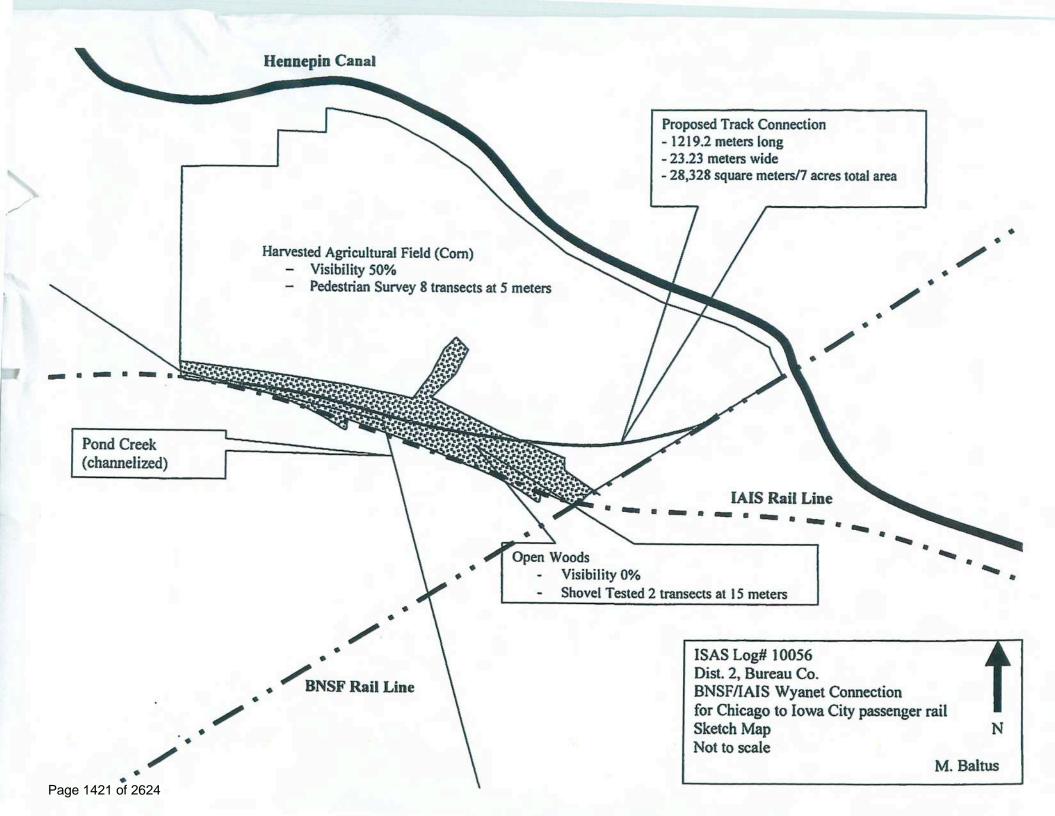
Page 1418 of 2624

*	IHPA LOG NUMBER Phase I Archaeological Reconnaissance Has Located No Archaeological Material; Project Clearance is Recommended.
	Phase I Archaeological Reconnaissance Has Located Archaeological Materials; Site(s) Does (Do) Not Meet Requirements For National Register Eligibility; Project Clearance Is Recommended.
	Phase I Archaeological Reconnaissance Has Located Archaeological Materials; Site(s) May meet Requirements For National Register Eligibility; Phase II Testing Is Recommended.
	Phase II Archaeological Investigation Has Indicated That Site(s) Does (Do) Not Meet Requirements For National Register Eligibility; Project Clearance Is Recommended.
	Phase II Archaeological Investigation Has Indicated That Site(s) Meet Requirements For National Register Eligibility; Formal Report Is Pending and a Determination of Eligibility is Recommended.
СОМ	NTS: Project consists of construction of a railroad connection between the BNSF line and IAIS passenger line to accommodate/extend passenger rail between Chicago, IL and Iowa City, IA. Locally, this project lies in the uplands, terrace and floodplain of Pond Creek. Physiographically, the project is in the Grand Prairie Section of the Grand Prairie Division.
	No previous surveys were recorded within the current project area; however, two surveys are recorded within one mile of the project area. No previously recorded sites were located within the current project area or within one mile of the current project area.
	The project traverses an upland area, which lies in a cultivated field, and a wooded terrace and grassy floodplain of Pond Creek which has been channelized. The cultivated field contained harvested corn with a visibility of 50%. This portion of the project area was pedestrian surveyed in eight transects at 5 meter intervals; no materials were recovered and no sites were recorded. The wooded terrace and grassy floodplain (each with 0% visibility) were shovel tested in two transects at 15 meter intervals; no materials were recovered from this portion of the project area. Near the western terminus, a culvert had been installed, connecting an unnamed drainage to Pond Creek. Soils within about 40 meters of this culvert showed evidence of disturbance likely related to installation of the culvert. No structures are depicted on any of the above-referenced historic maps. It is therefore our opinion that no further work needs to be conducted and project clearance is recommended.
	EOLOGICAL CONTRACTOR INFORMATION: naeological Contractor: Illinois State Archaeological Survey, University of Illinois at Urbana-Champaign
1707	Address/Phone: 209 Nuclear Physics Building, 23 Stadium Drive, Champaign, Illinois 61820 (217) 244-4244
S	veyor (s): PG Millhouse, PJ Porubcan, PL Bryant, MR Baltus, MS, BJ, EJ, AD
S	rey Date(s): 18 March 2010
P	ort Completed By: M. Baltus Date: 22 March 2010
S	mitted By (signature and title):
	ched is the following documentation (if applicable):
	1) Relevant Portion of USGS 7.5' Topographic Quadrangle Map(s) Showing Project Location And Any Recorded Sites
	Project Map(s) Depicting Survey Limits and, When Applicable, Approximate Site Limits and Concentrations of Cultural Materials.
	3) Site Form(s).
	4) All Relevant Project Correspondence.
	5) Additional Information Sheets as Necessary.

Address of Owner/Agent/Agency To Whom SHPO Comment Should Be Mailed:

Dr. John Walthall Bureau of Design and Environment Illinois Department of Transportation 2300 South Dirksen Parkway Springfield, IL 62764





Attachment 5 Eola Main Line Improvements Aquatic/Stream Impact Analysis Conceptual Mitigation Technical Memorandum



Technical Memo

Chicago to Iowa City Intercity Passenger Rail Service -Eola Main Line Improvements Aquatic/Stream Impact Analysis and Conceptual Mitigation Plan

INTRODUCTION

The purpose of this technical memo is to characterize the affected environment for aquatic resources and anticipated impacts to these resources from the construction of the proposed Eola Main Line Improvements, located in Kane and Du Page County, Illinois. The Eola Main Line Improvements are a component of the set of required infrastructure improvements that would be required to reestablish intercity passenger rail service between Chicago and Iowa City (Figure 1).

In 2009, Illinois Department of Transportation (Illinois DOT) and Iowa Department of Transportation (Iowa DOT) prepared a Service Level (Tier 1) Environmental Assessment (2009 EA) describing the potential environmental impacts from reestablishing intercity passenger rail service between Chicago and Iowa City. The 2009 EA was submitted to Federal Railroad Administration (FRA) as part of Illinois DOT and Iowa DOT High-speed Intercity Passenger Rail Program grant application. The 2009 grant application was not successful. However, Illinois DOT and Iowa DOT are submitting a new Grant Application to FRA for consideration of funding the intercity passenger rail service between Chicago and Iowa City under the FRA's 2010 Notice of Funding Availability for Service Development Programs under the HSIPR Program. As part of the 2010 HSIPR Grant Application, Illinois DOT and Iowa DOT intend to resubmit the 2009 EA with supplemental information including this description of possible impacts to aquatic resources from the Eola Main Line Improvements and conceptual mitigation for those impacts. Detailed discussions of the purpose and need and description of the Eola Main Line Improvements is included in Chapters 1 and 2 of the Supplemental Information to the 2009 EA.

AFFECTED ENVIRONMENT

This technical memo describes the existing condition of the aquatic resources within the survey limits of the Eola Main Line Improvements section of the Project area (Figure 2). The assessment of existing conditions for the aquatic resources includes background information on aquatic habitat quality through a discussion of biological quality, water quality, and geomorphic condition. The assessment of existing conditions within the survey limits of Eola Main Line Improvements section of the Project area will focus on several linear drainage features or conveyances (wetlands are discussed and addressed in a separate memo). The linear drainage features within Eola yard convey large volumes of water generated both on-site and off-site to the southern branch of Indian Creek, a 2nd order perennial tributary of Fox River. Field

observations were made on July 6, 2010 at several representative channelized conveyances within the survey limits. A photo log of the site observations is included in Attachment A.

Background Information

The survey limits of the Eola Main Line Improvements section of the Project area resides within the within the Town of Aurora sub-basin HUC 12 (071200070107) of the Lower Fox River, HUC 8 (07120007). Aquatic resources within and surrounding the Eola Main Line Improvements section of the Project area include the perennial southern branch of Indian Creek to the south; several perennial to intermittent, channelized storm water conveyances within the survey limits; Eola Road Marsh Illinois Natural Area Inventory (INAI) site and Night Heron Marsh to the southeast; and several storm water detention ponds to the north (Figure 2). The linear conveyances within the survey limits of the Eola Main Line Improvements section of the Project area have a unique connection to both upstream and downstream resources. The drainages within Eola serve to connect the upstream Eola and Night Heron Marsh wetland complex and numerous storm water ponds to the southern branch of Indian Creek. The southern branch of Indian Creek flows west into the main branch of Indian Creek then into the Fox River, approximately two miles downstream from the location of the Eola main line improvements. Within the survey limits of the Eola Main Line Improvements section of the Project area there are approximately 16,700 linear feet of open channel, storm water conveyances, which includes approximately 2,200 linear feet of the southern branch of Indian Creek and two parallel wet bottom storm water conveyances that measure approximately 7,100 and 7,400 linear feet, respectively (Figure 2).

The southern branch of Indian Creek can be characterized as an urbanized stream that has been heavily influenced by regional industrial-commercial development. Within the survey limits of the Eola Main Line Improvements section of the Project area, aquatic habitat resources are highly channelized and form a complex drainage network, which conveys both natural base flow and storm water generated from on- and offsite locations to downstream aquatic resources. These linear features have a mixture of perennial, intermittent, and ephemeral flow regimes and contain associated palustrine forested (PFO), palustrine scrub-shrub (PSS), and palustrine emergent (PEM) wetlands. A detailed discussion and maps of the wetlands identified within and adjacent to the survey limits are provided in the Wetlands Determination Report conducted by HDR Engineering, Inc.

Biological Quality

Biological quality of a stream is best assessed through detailed field sampling of various groups of aquatic species (i.e., fish, macro invertebrates, mussels, crayfish, amphibians, etc.) conducted according to Illinois approved methodologies. When detailed sampling data is unavailable, consultation with the IDNR Stream Rating System does provide some insight into regional biological quality. According to the Illinois Biological Stream Rating System (IDNR 2008) the south branch of Indian Creek is not listed as a Biologically Significant Stream (BSS) and it is not rated as A or B for diversity or integrity. The main or northern branch Indian Creek (adjacent to the western terminus of the Project Area) is rated as Class D (Poor – Limited Aquatic Resource) for integrity. This stream rating indicates that the main branch of Indian Creek is impaired and not functional according to its biological communities.

A search of the Illinois Natural History (INHS) Fish Collection Database indicates there are no records of collections from Indian Creek; however, collection records from Fox River indicate over 60 species of fish have been collected from this large downstream tributary (Table 1) (http://ellipse.inhs.uiuc.edu:591/INHSCollections/fishsearch.html). Based on the proximity and downstream connection with Fox River, it is likely a small subset of these fish species is likely present within the southern branch of Indian Creek. Observations during the site visit conducted on July 6, 2010 confirmed the presence of fishes within the 2,220 linear feet of more natural stream habitat associated with the southern branch of Indian Creek.

Table 1: Illinois Natural History Fish Collection Database

#	Genus species	Common Name	Stream
1	Ameiurus melas	Black bullhead	Fox River
2	Ameiurus natalis	Yellow bullhead	Fox River
3	Aplodinotus grunniens	Freshwater drum	Fox River
4	Campostoma anomalum	Central stoneroller	Fox River
5	Carpiodes cyprinus	Quillback carpsucker	Fox River
6	Catostomus commersoni	White sucker	Fox River
7	Cottus bairdi	Mottled sculpin	Fox River
8	Culaea inconstans	Brook stickleback	Fox River
9	Cyprinella spiloptera	Spotfin shiner	Fox River
10	Cyprinus carpio	Common carp	Fox River
11	Dorosoma cepedianum	Gizzard shad	Fox River
12	Esox americanus	American pickerel	Fox River
13	Etheostoma caeruleum	Rainbow darter	Fox River
14	Etheostoma exile*	Iowa darter*	Fox River
15	Etheostoma nigrum	Johnny darter	Fox River
16	Etheostoma zonale	Banded darter	Fox River
17	Fundulus notatus	Blackstripe topminnow	Fox River
18	Hypentelium nigricans	Northern hogsucker	Fox River
19	Ictalurus punctatus	Channel catfish	Fox River
20	Ictiobus bubalus	Smallmouth buffalo	Fox River
21	Ictiobus cyprinellus	Bigmouth buffalo	Fox River
22	Labidesthes sicculus	Brook silverside	Fox River
23	Lepomis cyanellus	Green sunfish	Fox River
24	Lepomis cyanellus x L. gibbosus	Green sunfish x pumpkin seed	Fox River
25	Lepomis cyanellus x L. macrochirus	Green sunfish x bluegill	Fox River
26	Lepomis gibbosus	Pumpkinseed sunfish	Fox River
27	Lepomis gulosus	Warmouth	Fox River
28	Lepomis hybrid	Hybrid sunfish	Fox River
29	Lepomis macrochirus	Bluegill	Fox River
30	Micropterus dolomieu	Smallmouth bass	Fox River
31	Micropterus dolomieu x M. salmoides	Smallmouth bass hydrid	Fox River
32	Micropterus salmoides	Largemouth bass	Fox River

#	Genus species	Common Name	Stream
33	Morone chrysops	White bass	Fox River
34	Morone mississippiensis	Yellow bass	Fox River
35	Moxostoma anisurum	Silver redhorse	Fox River
36	Moxostoma carinatum*	River redhorse*	Fox River
37	Moxostoma erythrurum	Golden redhorse	Fox River
38	Moxostoma macrolepidotum	Shorthead redhorse	Fox River
39	Moxostoma valenciennesi*	Greater redhorse*	Fox River
40	Nocomis biguttatus	Hornyhead chub	Fox River
41	Notemigonus crysoleucas	Golden shiner	Fox River
42	Notropis atherinoides	Emerald shiner	Fox River
43	Notropis boops	Bigeye shiner	Fox River
44	Notropis hudsonius	Spottail shiner	Fox River
45	Notropis Iudibundus	Sand shiner	Fox River
46	Noturus flavus	Stonecat	Fox River
47	Noturus gyrinus	Tadpole madtom	Fox River
48	Opsopoeodus emiliae	Pugnose minnow	Fox River
49	Perca flavescens	Yellow perch	Fox River
50	Percina caprodes	Logperch	Fox River
51	Percina maculata	Blackside darter	Fox River
52	Percina phoxocephala	Slenderhead darter	Fox River
53	Phenacobius mirabilis	Suckermouth minnow	Fox River
54	Pimephales notatus	Bluntnose minnow	Fox River
55	Pimephales promelas	Fathead minnow	Fox River
56	Pimephales vigilax	Bullhead minnow	Fox River
57	Pomoxis annularis	White crappie	Fox River
58	Pomoxis nigromaculatus	Black crappie	Fox River
59	Pylodictis olivaris	Flathead catfish	Fox River
60	Sander vitreus	Walleye	Fox River
61	Semotilus atromaculatus	Creek chub	Fox River

^{*}Three species are state threatened and endangered species lowa darter (Etheostoma exile) (ST), river redhorse (Moxostoma carinatum) (ST), and greater redhorse (Moxostoma valenciennesi) (SE)

Source: Illinois Natural History Fish Collection Database,

http://ellipse.inhs.uiuc.edu:591/INHSCollections/fishsearch.html, retrieved on July 3, 2010.

Water Quality

Water Quality standards in Illinois are determined by the Watershed Management Section (WMS) of the Illinois Environmental Protection Agency (IEPA). In addition to setting state limits on water quality, IEPA administers the state 401 certification program. A typical 401 project certification process includes: 1) a detailed antidegradation review according to state standards, 2) a public notice, 3) posting of an antidegradation fact sheet, 4) IEPA review of the comments received, 5) IEPA decision to hold a public hearing, and 6) preparation of comment responses prior to the issuance of <u>any</u> certification. Typical 401 project level certification may take up to two or more years for IEPA to fully process.

Rivers and streams are rated based on the degree of support (attainment) of a designated use. Ratings are determined by an analysis of various types of information, including biological, physicochemical, physical habitat, and toxicity data. When sufficient data are available, each applicable designated use in each segment is assessed as Fully Supporting (good), Not Supporting (fair), or Not Supporting (poor). Waters in which at least one applicable use is not fully supported are considered "impaired." Water Quality of streams within Illinois can be assessed by consulting the Illinois Environmental Protection Agency (IEPA) Integrated Water Quality Report and Section 303(d) list of Impaired Waters (IEPA 2010).

According to the IEPA 303(d) list prepared in 2010, Indian Creek was not assessed; however the Fox River (HUC 072100701), in which Indian Creek discharges into, was assessed for use attainment in 2010 (Table 2) and was not supporting aquatic life (582), fish consumption (583), public and food processing water supplies (584), and primary contact (585). The identified causes include the following aldrin (79), alteration in stream-side or littoral vegetative covers (84), chloride (138), hexachlorobenzene (246), mercury (274), methoxychlor (277), other flow regime alterations (319), dissolved oxygen (322), polychlorinated biphenyls (348), sedimentation/siltation (371), fecal coliform (400), total suspended solids (403), pH (443), total phosphorus (462), and aquatic algae (479). Identified sources of the non attainment causes include the following atmospheric deposition – toxics (10), combined sewer overflows (23), contaminated sediments (28), impacts from hydrostructure flow regulation/modification (58), municipal point discharges (85), streambank modification/destabilization (125), source unknown (140), dam or impoundment (142), agriculture (156), and urban runoff/storm sewers (177)

Name	Assessment Unit ID	10-Digit HUC	IEPA Basin	Cat.	Size (miles)	Use Attainment*
Fox R.	IL_DT-03	0712000701	4	5	7.39	N582, N583, N585,
						X586, X590
Fox R.	IL_DT-09	0712000701	4	5	8.11	N582, N583, N585,
						X586, X590
Fox R.	IL_DT-38	0712000701	4	5	10.83	N582, N583, N584,
						N585, X586, X590
Fox R.	IL_DT-58	0712000701	4	5	3.74	N582, N583, X585,
						X586, X590

Table 2: 2010 IEPA 303(d) List - Specific Assessment Information for the Fox River

^{*} X = not assessed; F = fully supporting; N = not supporting; 582 = primary contact; 583 = fish consumption' 585 = aquatic life; 586 = secondary contact; 590 = aesthetic quality

Geomorphic Condition

As described in the introduction the aquatic resources within the survey limits have been subject to significant disturbance and alteration from their original condition. Historical mapping of the region indicates modifications to the presettlement landscape occurred during the early to mid 19th century. Since this time, the aquatic features within the yard have regained some natural features such as meanders, riffles and pools; however, ongoing "improvements" and routine maintenance activities continue to degrade the existing aquatic habitat. Assessment of the existing geomorphic condition was performed for the aquatic resources within the survey limits of the Project area through observation of the channel conditions and hydrological conditions. In addition, the IEPA Qualitative Stream Habitat Assessment Procedure (SHAP) was also performed.

Channel and Hydrological Condition

The wetted width of the channelized conveyances measured approximately 5 to 10 feet wide within the survey area of the Project Area, and maintained a depth of flow of approximately 1 to 2 feet. Substrate within the channel was composed of course sands, gravel, and cobble, with a fair amount of fine grained sand and silt deposition as well. As mentioned above the stream channel has been straightened and is generally confined by railroad tracks. Some portions contain a small riparian bench approximately 5-10 feet wide adjacent to the channel. The banks slopes were approximately 2:1 (H:V) along most of the channel and were mostly vegetated with a mixture of emergent, shrub-scrub, and woody riparian vegetation. Outside of the riparian bench railroad ballast composed the remainder of the riparian area. The stream is constricted by various culverts within the survey limits, which connect the various linear conveyances to Indian Creek. Indian Creek becomes much more natural (i.e., more meandering with some riffle-pool structure) downstream and outside the survey limits.

Qualitative Stream Habitat Assessment Procedure (SHAP)

The IEPA's Qualitative Stream Habitat Assessment Procedure (SHAP) (IEPA 1994) was used to provide a standard assessment of the habitat within the linear aquatic resources on July 6, 2010. These linear conveyances have been channelized and disturbed; however, the lower 2,200 of stream within the survey limits does maintain natural channel characteristics including riffle-pool sequencing, undercut banks, while also maintain a small riparian bench around the channel. Overall the stream habitat is generally poor; however, it is suitable enough to support a limited community of aquatic organisms. Generally the function of this stream is to convey storm water from offsite (upstream) and onsite locations downstream to the southern branch of Indian Creek. Attachment B includes a completed SHAP form for the evaluated aquatic resources.

ENVIRONMENTAL CONSEQUENCES

The construction of the Eola main line improvements would impact approximately 4,920 linear feet of open channel storm water conveyances. In general the open channel would be replaced with an enclosed conduit and a new rail line constructed immediately adjacent to the enclosed conduit. Analysis of these impacts includes a discussion on the direct effects from the proposed action as well as the potential indirect effects.

Direct Effects

Construction of the proposed connection would relocated 4,920 linear feet of open storm water channel to an enclosed conduit. This direct effect would result in alternation to the current hydrology and would result in loss of open channel habitat. This direct effect would alter the current channel and would result in the permanent loss of this channelized stream habitat for numerous aquatic and terrestrial organisms, including fish, amphibians, invertebrates, and mammals. During construction, the open channel tributaries of the south branch of Indian Creek would be affected physically, chemically, and biologically. The biological functions of these systems would be affected by the loss of habitat, refugia, food production, reproduction, and dispersal. The chemical integrity of south branch tributaries can be defined as the natural composition and properties of various substances within the aquatic system. Impacts on the chemical functions would include alteration of nutrient cycling, particulate retention, organic carbon export, removal and sequestration of elements and compounds, and diminished water quality. The physical functions can be characterized as the hydrological attributes of a particular stream. Impacts on the physical functions would include alteration of the natural flow regime, flood attenuation ability, storm water reduction, groundwater exchange, and maintenance of natural thermal regimes.

Indirect Effects

Indirect effects would include impacts both upstream and downstream of the channel relocation. Indirect effects upstream of the Eola main line improvements of the Project area would include impacts on aquatic organism movement and disruption of the current hydrological regime. Downstream impacts on biota and habitat may also result from construction the improvements. During construction, changes in the hydrological flow may have indirect effects on downstream habitat. Furthermore, after construction, the new encased channel and its relation to downstream flows would require time to adjust. During the channel adjustment period, downstream habitat areas may indirectly change through scour and/or accretion; however, these impacts are likely to be short term and localized to areas immediately downstream of this section of the Project area.

POTENTIAL MITIGATION MEASURES

As stated above, approximately 4,920 linear feet of stream and storm water conveyances and their associated fringe wetlands (discussed in separate wetlands determination report) could be impacted by the proposed action. In order to offset the loss of aquatic habitat (stream and storm water conveyances and wetlands), mitigation for these aquatic resources will be required.

In March of 2010, the USACE produced a regulatory guidance document that provides detailed guidance for stream mitigation in Illinois (USACE, 2010). This guidance document was

designed in order to facilitate Clean Water Act Section 404 permit applications, and provide a standard way to assess adverse impacts and to determine the amount of mitigation required.

Based on this guidance document, mitigation for the potential stream impacts to upper headwaters of the southern branch of Indian Creek could be accomplished through a combination of on- and off-site restoration alternatives. Preliminary analysis of mitigation alternatives and onsite observations indicated available onsite mitigation was limited due to numerous anthropogenic constraints within the railway yard. Ecologically successful mitigation would be very difficult to achieve onsite; however, numerous onsite Best Management Practices (BMPs) could be included as part of the mitigation. On-site mitigation is limited to and could include the implementation of numerous Best Management Practices (BMPs) that would minimize potential future impacts to aquatic resources. Furthermore, by implementing additional BMPs such as the use of interpretive signage, ecological training for rail employees and exotic species management potential future impacts may be avoided.

In order to fully compensate for the functions and values, offsite mitigation appears to be a much more viable alternative for the impacts. Off-site mitigation could include:

- 1. Aquatic habitat restoration and enhancement through the management of exotic species within Eola Road Marsh and Night Heron Marsh
- 2. Restore stream and wetland habitat within Night Heron Marsh to south of Liberty Street
- 3. Restore and enhance aquatic habitat features downstream within Indian Creek
- 4. Purchase wetland and stream mitigation credits from an approved mitigation bank within the service area.

Aquatic habitat within Eola Road Marsh and Night Heron Marsh can be enhanced by instituting an aggressive exotic species management plan. Removing exotics (i.e., buckthorn, reed canary grass, *Phragmites* etc.) and planting wetland herbaceous, shrubs and tree species would enhance these natural areas and improve overall aquatic habitat. Additional off-site mitigation in the form of habitat enhancement and/or creation could be accomplished through a partnership with the DuPage County Forest Preserve District (DCFPD) to restore wetlands and stream features within the Night Heron Marsh parcel to the south across Liberty Street. In recent years, the Forest Preserve acquired a parcel south of the road, which remains relatively undeveloped. Detailed off-site surveys to identify restoration options will be conducted during the Tier 2 project level NEPA environmental assessment process.

Approximately 6,500 linear feet of aquatic habitat along Indian Creek (Figure 3) could be enhanced through a combination of exotic species removal, wetland plantings, bank stabilization, and/or installation of the appropriate in-stream treatments such as: cross veins, j-hooks, porous weirs, newberry riffles, or root wads (Attachment C). Exact locations for the downstream mitigation measures have not been selected at this point of the project; however, detailed surveys to identify specific mitigation sites will be conducted during the Tier 2 project level NEPA environmental assessment process. These structures will be strategically located throughout Indian Creek to optimize their effect on scour and deposition along the creek. Installation of channel treatments will enhance stream substrate and aid in the development of riffle–pool sequencing to restore a more natural width to depth ratio.

Additional off-site mitigation for wetlands and stream impacted by the Eola Main Line Improvements could be accomplished through the purchase of stream/wetland mitigation credits

from an approved mitigation bank(s) located within the service area. Preliminary analysis indicates numerous permitted mitigation banks within northern Illinois include:

- 1. Ferson Creek Wetland Mitigation Bank, USACOE Permit 199600027
- 2. Otter Creek Wetland Mitigation Bank, USACOE Permit 199300675
- 3. Butterfield Road Wetland Mitigation Bank, USACOE Permit 19980192
- 4. Cedar Creek Wetland Mitigation Bank, USACOE Permit 200500804
- 5. Andalusia Slough Wetland Mitigation Bank, USACOE Permit CEMVR-OD-P-2005-205
- 6. Jelkes Creek Wetland Mitigation Bank, USACOE Permit 200300216
- 7. Kilbuck Creek Wetland Mitigation Bank, USACOE Permit CEMVR-RD 342590
- 8. Mink Creek Wetland Mitigation Bank, USACOE Permit 200200409
- 9. Red Wing Slough Wetland Mitigation Bank, USACOE Permit 200300490

By employing the appropriate combination of on- and off-site mitigation measures detailed above, impacts to the aquatic resource features within the Eola yard can be mitigated to minimize impacts.

Should FRA approve Illinois DOT's HSIPR grant application, preliminary engineering including detailed evaluation of possible alternatives to avoid or minimize aquatic impacts will be evaluated. In addition, detailed, site-specific mitigation plans to compensate for unavoidable impacts will be developed during the Tier 2 project level environmental assessment and Section 404 permit evaluation.

FUTURE PHASES OF THE PROJECT

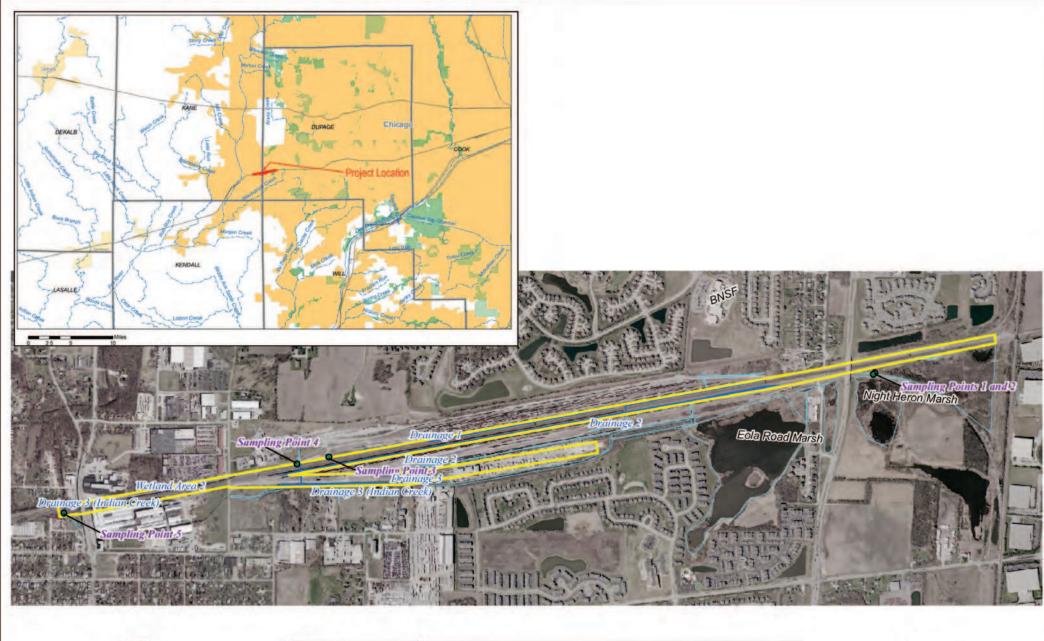
If the FRA approves the Illinois DOT FY2010 HSIPR Grant Application, Service Development Plan and Tier I EA, the next step in the development process will be to conduct a detailed Project Level NEPA review of the various project elements. During the Project Level NEPA review process numerous environmental surveys will be conducted at a more defined scale. The Project Level NEPA review will also include the full range of alternatives evaluation, impact assessment and mitigation development, including permit applications. It is also important to note that the detailed engineering and alternative analysis will be concurrent with the Project Level NEPA review. Illinois DOT will coordinate the future Project Level NEPA reviews with all of the appropriate federal and state agencies including the Illinois Department of Natural Resources (IDNR) and will work with these agencies to identify the best alternatives to avoid and minimize impacts to aquatic resource features.

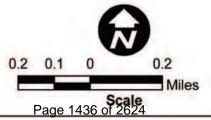
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- Illinois Department of Natural Resources. Illinois Endangered Species Protection Board. Updated November 1, 2009. On-line. http://dnr.state.il.us/conservation/naturalheritage/pdfs/et_list_by_co_aug2009.pdf
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- Illinois Environmental Protection Agency. 303(d) List Specific Assessment Information for Streams. On-line. http://www.epa.state.il.us/water/tmdl/303-appendix/2010/appendix-b2-streams-draft-3-26-10.pdf
- Illinois Natural History Survey. On-line Fish Collection Database. Updated May 10, 2010. On-line. http://ellipse.inhs.uiuc.edu:591/INHSCollections/fishsearch.html
- U.S. Army Corps of Engineers. Illinois Stream Mitigation Guidance, Stream Mitigation Method for Processing Section 404 Clean Water Act Permit Applications in the State of Illinois. Version 1.0, March 2010.

FIGURES

- 1 Location Map for the Eola Main Line Improvements section of the Project area
 2a and 2b Survey Limits for the Eola Main Line Improvements section of the Project area
- 3 Off site Mitigation Alternative Map the Eola Main Line Improvements section of the Project area







Location Map

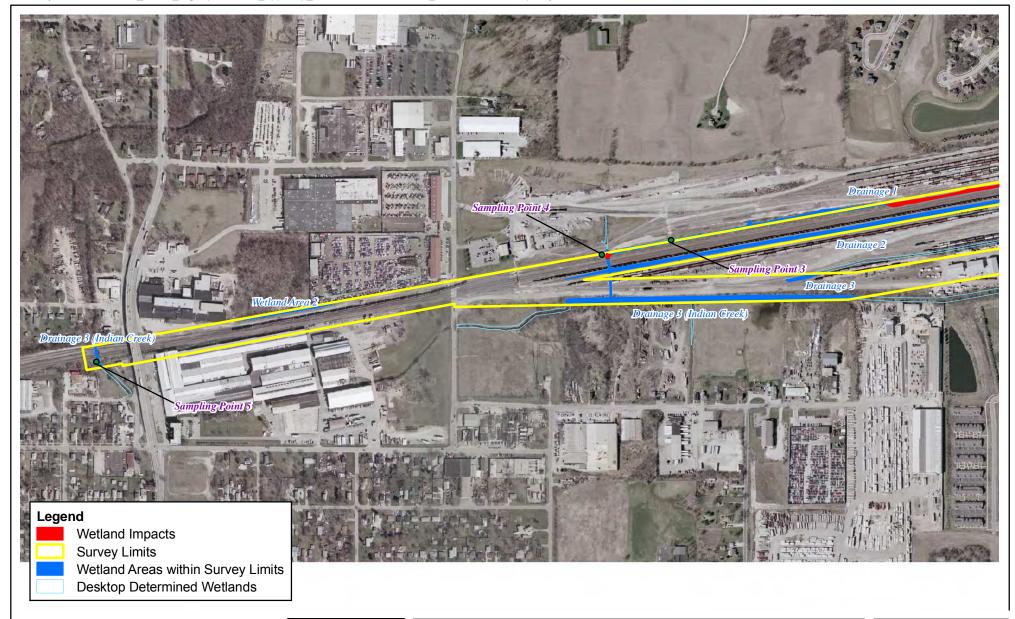
Waterways Tech Memo

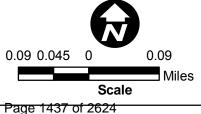
Legend
Survey Limits
Wetland Areas within Survey Limits
Desktop Determined Wetlands

July 2010

FIGURE

1





lowa Department of Transportation

Connection

Get on Board

Illinois Department of Transportation

Waterways Technical Memo

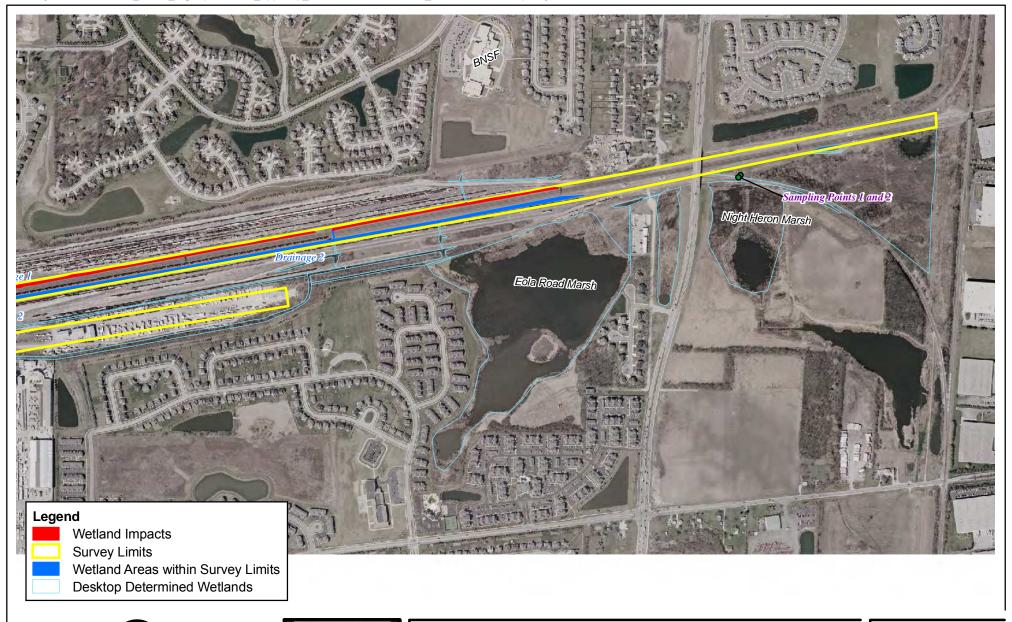
Eola Main Line Improvements

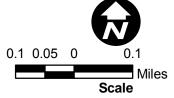
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July 2010

FIGURE

2a





Page 1438 of 2624

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Waterways Technical Memo

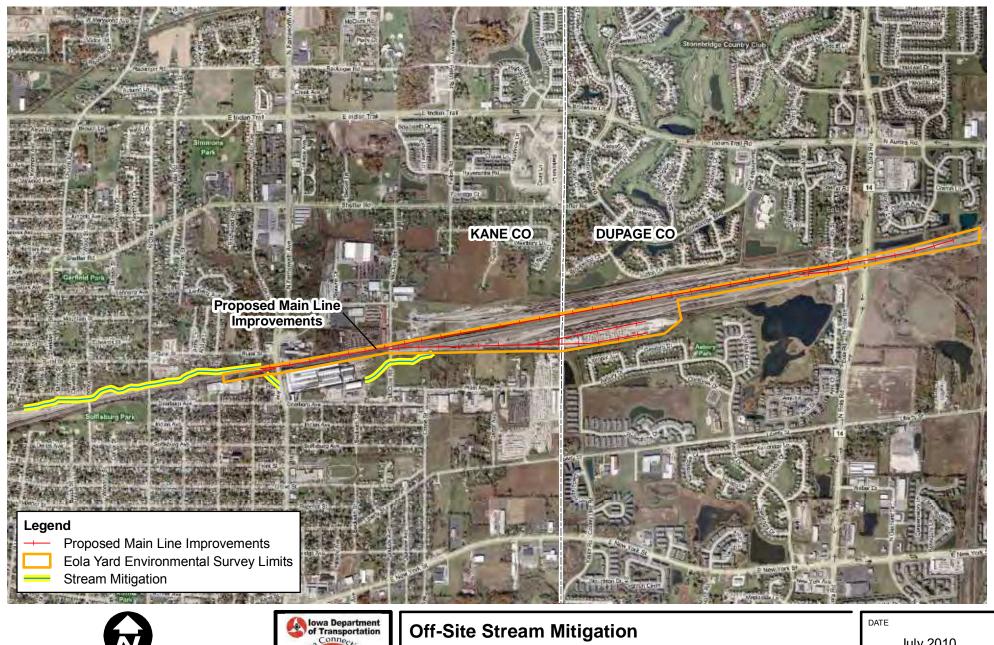
Eola Main Line Improvements

DATE

July 2010

FIGURE

2**b**



Page 1439 of 2624

Scale

0.3 0.15

Illinois Department of Transportation

0.3

Miles

Off-Site Stream Mitigation

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FIGURE

3

ATTACHMENTS

- A Site Observation Photo Log
- **B IEPA SHAP Data Sheet**
- **C Typical Section of Instream Mitigation Features**

Attachment A – Site Observation Photo Log



Looking at double box culvert that contains flow of Indian Creek, at the west end of the Eola yard, west of Farnsworth Ave



 $Looking \ south \ at \ Indian \ Creek \ channel \ flowing \ north \ within \ the \ west \ end \ of \ the \ Eola \ Yard, \ west \ of \ Farnsworth \ Avenue$



Looking southeast at the Dupage County Forest Preserve Night Heron Marsh from Eola Road, adjacent to the Project area



Looking east at the section of natural stream channel within the Eola yard that would be impacted by the new tracks



Looking west from the top of the embankment at the natural stream channel and adjacent riparian vegetation



Looking east at the linear drainage feature as it loses its riparian vegetation and becomes more of a wet bottom storm water conveyance



Looking east at the drainage feature as it loses flow, notice the large patches of filamentous algae



Looking east at the stream channel of Indian Creek along the southern boundary of the Project area

Attachment B - IEPA SHAP Data Sheet

DWPC Field QA Manual Sec. E. Stream Habitat Revision 3 Date: July 1994 Section: App E-9

APPENDIX E-9: IEPA QUALITATIVE STREAM HABITAT ASSESSMENT PROCEDURE (SHAP)

Stream: Frdien Creek (HVC 071200070107) Station Code: N/A

Reach Length: Date: July 06, 2010 Assessed by: JLB/DRK

Reach Description: Channelited stormwater conveyances

1					
1		EXCELLENT	GOOD	FAIR	POOR
	Bottom Substrate	Greater than 50% gravel, cobble or	30-50% consolidated gravel, cobble or	10-30% gravel (largely unconsolidated) cobble,	Less than 10% gravel, cobble or boulders;
		boulders	boulders	boulders	predom. Sand or silt
Score:	11	16-20	11-15	6-10	1-5
2	Deposition	Less than 5% affected; minor accumulation of coarse particles at channel bars, point bars snags or submerged vegetation	5-30% affected; moderate accumulation of sand/gravel at channel point bars, snags or submerged vegetation	5-30% affected; major deposition of sand at channel point bars, snags or submerged vegetation; pools shallow from heavy deposition	Mud, silt, or sand in braided or nonbraided channels; pools almost absent due to deposition
Score:	4	10-12	7-9	4-6	1-3
3	Substrate Stability	Abundance of boulders or cobble; periphyton/aquatic vegetation often abundant	Presence of some boulders or cobble with some periphyton	Few boulders and cobble; small shifting particles common; periphyton rare; or predom. Claypan or bedrock	Stable substrate types absent; small gravel, sand and silt abundant; periphyton usually absent or present only during low flow
Score:	<u> </u>	13-16	9-12	5-8	1-4
4	Instream Cover (for pan fish juveniles or adults)	Abundant submerged logs, undercut banks or other stable habitat (>12% of stream)	Adequate habitat (6-12% of stream)	Habitat availability less than desirable (2-6% of stream)	Lack of habitat obvious (<2 of stream)
Score:	6	10-12	7-9	4-6	1-3
5	Pool Substrate Characterization	Mixture of coarse substrate materials with gravel and firm sand prevalent; root mats and submerged vegetation common	Mixture of soft sand, mud or clay; mud may be dominant; some root mats and submerged vegetation present	All mud/clay or sandy bottom; little or no root mat, no submerged vegetation; older channelization	Hardpan clay or bedrock; no root mats or vegetation OR maintained channel with shifting sand substrates; OR pools absent
Score:	7	16-20	11-15	6-10	1-5
6	Pool Quality	(see flow chart)	11.12	0.10	1-3
Score:	5				
	Pool Variability	Approx equal mix of deep/shallow/large/small pools present	Majority of pools large and deep; very few shallow	Shallow pools much more prevalent than deep pools	Majority of pools small and shallow or pools absent
1	5	13-16	9-12	5-8	1-4
Score:	0 0	Mixture of conditions	Covered by sparse	Water surface	Lack of canopy, full
8	Canopy Cover (Shading	some areas fully exposed to sun while others receive various degrees of filtered light	canopy; entire water surface receiving filtered light	completely shaded OR nearly full sun reaching water surface (10-20%)	sunlight reaching water surface (0-10%)

DWPC Field QA Manual Sec. E. Stream Habitat Revision 3 Date: July 1994 Section: App E-9 Page 1 of 2

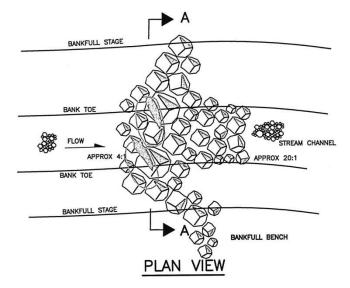
APPENDIX E-9: IEPA QUALITATIVE STREAM HABITAT ASSESSMENT PROCEDURE (SHAP)

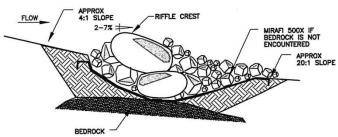
		EXCELLENT	GOOD	FAIR	POOR
9	Bank Vegetative Protection/ stability (waters edge to top of bank)	Over 90% of the streambank surfaces covered by vegetation or bare rock	70-90% of the stream bank surface covered by vegetation or bare rock	50-70% of the stream bank surface covered by vegetation or bare rock OR older channelization	<50% of the stream bank surface covered by vegetation or bare rock OR new or regularly maintained channelization
Score:	3	13-16	9-12	5-8	1-4
10	Top of bank land use (top of bank to 30 yards inland)	Well vegetated or =>90% in undisturbed land use	Generally undisturbed (79-90%)	Moderately disturbed (40-70%)	Little of immediate watershed undisturbed (<40%)
Score:	 	7-8	5-6	3-4	1-2
11	Flow-related refugia	Readily available refugia at all flow regimes	Abundant stable cover for fish present between water's edge and top of bank; moderate pool depth at low flows	Sparse cover for fish present between the waters edge and top of bank OR pools nearly absent at low flow	Lack of refugia at most stream stages
Score:	2	10-12	7-9	4-6	1-3
12	Channel Alteration	Little or no enlargement of islands or point bars or no channelization	Some natural channel modification or recovered old channelization	Older channelization in various degrees of recovery	Extensive recent or regularly maintained channelization
Score:		7-8	5-6	3-4	1-2
13 **	Channel Sinuosity	Instream channel length 3 to 4 times straight distance	Instream channel length 2 to 3 times straight line distance	Instream channel length 1 to 2 times straight line distance	Channel straight, channelized waterway
Score:		10-12	7-9	4-6	1-3
**	Width /Depth ratio	Stream very deep and narrow; width/depth <=7	Stream moderately deep and narrow; Width/depth 8-15	Stream moderately shallow with some deep areas; width/depth 15- 25	Stream relatively wide and shallow; width/depth >25
Score:	3	13-16	9-12	5-8	1-4
15	Hydrologic diversity	Variety of habitats: deep riffles and pools; diverse velocities readily apparent	Adequate depth in pools and riffles; bends provide habitat; good velocity diversity	Occasional riffle or bend; bottom contours provide some habitat; fair velocity diversity	Essentially a straight stream with poor habitat; uniform velocity
Score:	2	10-12	7-9	4-6	1-3

Total Score: 58	
Representativeness of sampled reach to entire stream reach: Excellent, Good, Fair, Poor (circle one) Comments: Linear stramwater conveyances within the Priject Area	
Comments: Linear stromwater conveyances within the Project Area	
(a vail yard) are highly channelized and disturbed, overall function	
is to short sturmater from unstream office and write to the downstream	w
Southern branch of Indian Creek. Qualitative hubitat is generally poor.	

^{**} Office: Indicates that assessment based on measured habitat information is recommended.

Attachment C – Typical Section of Instream Mitigation Features

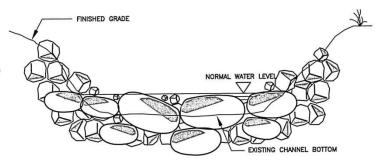




PROFILE

CONSTRUCTION NOTES:

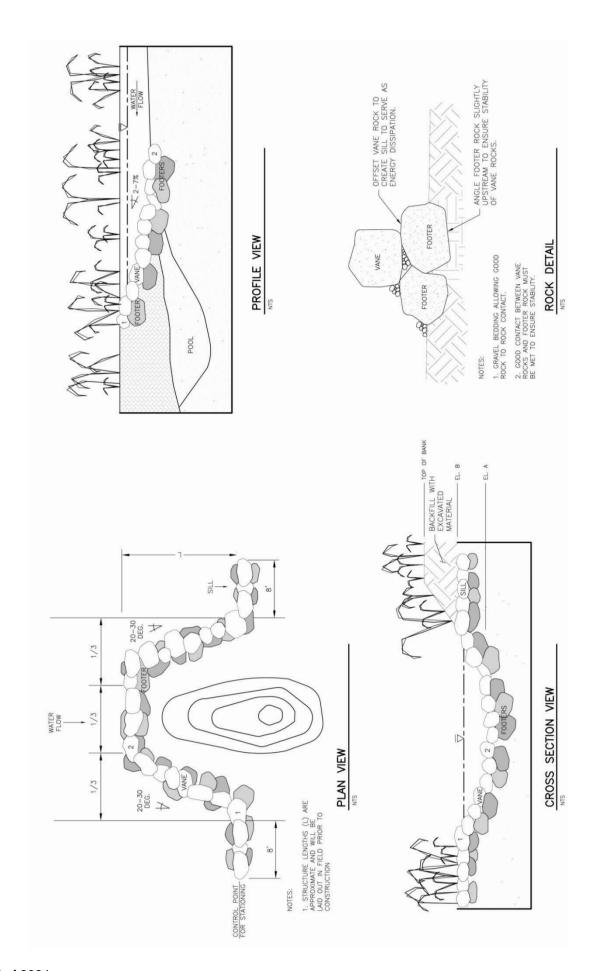
- PLAN: BUILD RIFFLE TO EXTEND ACROSS BASE OF STREAM WITH LARGEST DIAMETER BOULDERS AT CREST LINE AND REDUCE SIZES PROGRESSWELY DOWNSTREAM. CREST BOULDERS SIZED 1.5 TO 2 TIMES MAXIMUM SIZE TRANSPORTABLE WITH TOP—OF—BANK EVENT. RIFFLE CREST HAS SIMILAR SIZED FOOTERS TO COHESIVE SAPROLITE OR BEDROCK.
- PROFILE: CONSTRUCT DOWNSTREAM FACE OF RIFFLE AT APPROXIMATELY 20:1 AND UPSTREAM FACE AT APPROXIMATELY 4:1 SLOPE. SLOPE SHOULD BE ADJUSTED TO MEET DESIGN RIFFLE:POOL RATIO, AND RIFFLE SLOPES.
- 3. CROSS SECTION: V-SHAPED CREST CUT DOWN TOWARDS CENTER OF CHANNEL.
- 4. SURFACE: SPACE LARGE SURFACE ROCKS 20 TO 30 CM APART ON THE DOWNSTREAM FACE OF THE RIFFLE TO FORM LOW FISH PASSAGE CHANNELS.
- 5. BANKS: EXTEND RIFFLE SIDE SLOPE UP BANK TO LEVELS EQUAL TO HEIGHT OF COIR FIBER LOGS, AND THEN EXTEND CREST BACK WITH ROCK PLACED WITHIN BANDS AT 20 TO 30 ANGLE FROM BANK, AND WITH RISE ANGLE OF 2-7 (AS SEEN IN THE CROSS VANE STRUCTURE).

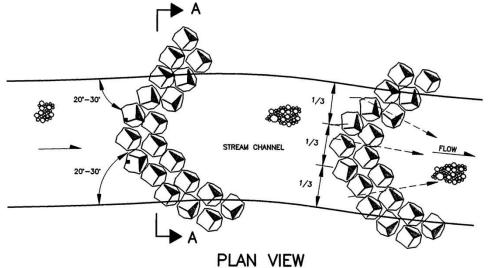


SECTION A-A

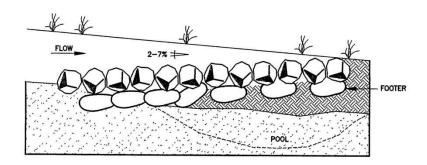
CONSTRUCTED BEDROCK RIFFLE

NO SCALE

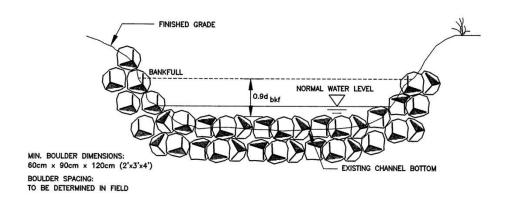




PLAN VIEW NOT TO SCALE



PROFILE NOT TO SCALE



SECTION A-A ROCK CROSS VANES

Attachment 6
Wyanet Connection Aquatic/Stream Impact analysis
Conceptual Mitigation Technical Memorandum



Technical Memo

Chicago to Iowa City Intercity Passenger Rail Service -**Wyanet Connection Aquatic/Stream Impact Analysis** and Conceptual Mitigation Plan

INTRODUCTION

As part of the FY2010 High-Speed Intercity Passenger Rail (HSIPR) Grant Application, the Federal Railroad Administration (FRA) has requested that the Illinois Department of Transportation (Illinois DOT) provide, at the "service level," more site-specific information concerning the potential effects of the construction of a new railroad connection between the Iowa Interstate Railroad and the BNSF Railway near Wyanet, Illinois (Wyanet Connection).

The purpose of this technical memo is to characterize the affected environment for aquatic resources and anticipated environmental consequences to these resources from the construction of a new track connection at Wyanet, Bureau County, Illinois, for the Chicago to Iowa City Intercity Passenger Rail Service Project (the proposed action) (see Figure 1 for the general location of the Wyanet Connection section of the Project area). Detailed discussions of the proposed action, the purpose of and need for the proposed action, and alternatives to the proposed action are provided in the original Tier 1 Service Level Environmental Assessment (EA) published in September 2009.

Should FRA approve Illinois DOT's HSIPR grant application, the next steps in the development process for the Wyanet Connection will be to complete preliminary engineering for the connection, complete a tier 2 project level National Environmental Policy Act (NEPA) review, undertake detailed avoidance and minimization evaluations, and apply for all appropriate permits for the connection. Following the approval of the project level NEPA document and the receipt of appropriate permits, Illinois DOT will undertake final design and construction.

AFFECTED ENVIRONMENT

This technical memo describes the existing conditions of the aquatic resources within the Wyanet Track Connection section of the Project area (see Figure 2 for an aerial view of the Wyanet Connection section of the Project area). The assessment of existing conditions for the aquatic resources in this section of the Project area includes background information on aquatic habitat quality as well as a discussion of biological quality, water quality, and geomorphic condition. The assessment of existing conditions focuses on Pond Creek, a third-order perennial tributary of West Bureau Creek (see Figure 2). Field observations were made on June 30, 2010, at one representative sample reach of Pond Creek. A photo log and key map of the site observations is included in Attachment A. The observed reach of Pond Creek is representative of the entire stream that may be affected by the Wyanet Connection.

Background Information

The Wyanet Connection section of the Project area is within the Lower Illinois River-Senachwine Lake Watershed, hydrologic unit code (HUC) 8 (07130001), within the Pond Creek-Big Bureau Creek sub-basin HUC 12 (071300010701) (see Figure 3). This section the Project area contains numerous aquatic resources including: one primary perennial stream, Pond Creek, and several smaller intermittent and ephemeral tributaries. The site also contains forested wetlands along the stream banks and one large emergent pond/wetland (see Figure 4). A discussion and maps of the delineated wetlands within the Wyanet Connection section of the Project area is provided in the Wetlands Delineation Report conducted by the Illinois Natural History Survey (INHS) (Attachment B).

Pond Creek can be characterized as a typical Midwestern headwater stream in that it has been heavily influenced by agricultural land practices. Historical aerial photography from 1941 (see Figure 5) and U.S. Geological Survey USGS topographic mapping (see Figure 6) indicate that this stream has been substantially altered through channelization. The 1923 15-minute series U.S. Geological Survey (USGS) topographic mapping (see Figure 7) provides the earliest post settlement documentation of the channelization of Pond Creek. Furthermore, presettlement land cover data provide some insight into the original stream channel and its relation to West Bureau Creek (see Figure 8). The presettlement stream channel of Pond Creek was mapped near the current channel, within an extensive prairie landscape. High-quality remnant prairie sites have been identified within the right-of-way of the IAIS railroad. Because of their rarity, species diversity, and vulnerability to habitat degradation, prairie communities are of special concern in Illinois. These sites have been surveyed by INHS and have been determined to represent Grade A- to Grade B Illinois Natural Areas Inventory (INAI) quality sites (Attachment B). Grade A and B designation is reserved for only the highest quality prairie remnants. These sites have a low abundance of exotic species, high density of forb species, high diversity of forb species diversity, and the presence of conservative prairie species (Handle and Kuntz, 2004).

Biological Quality

The biological quality of a stream is best assessed through detailed field sampling of various groups of aquatic species (fish, macroinvertebrates, mussels, crayfish, amphibians, etc.) conducted according to Illinois-approved methodologies. When detailed sampling data are unavailable, consultation with the Illinois Department of Natural Resources (IDNR) Stream Rating System provides some insight into regional biological quality. According to the Illinois Biological Stream Rating System (IDNR, 2008), Pond Creek is not listed as a Biologically Significant Stream (BSS) and it is <u>not rated</u> as A or B for diversity or integrity. West Bureau Creek, located approximately 2 miles downstream, is rated as Class B (high) for diversity and is rated as Class C (moderate) for integrity (see Figure 9) immediately upstream of the confluence with Pond Creek. These IDNR stream ratings indicate that West Bureau Creek is fully functional according to its biological communities.

A search of the Illinois Natural History Survey (INHS) Fish Collection Database did not identify any records from Pond Creek; however, INHS records from West Bureau Creek indicate that more than 30 species of fish have been collected from this downstream tributary (see Table 1). Based on the proximity to and downstream connection with West Bureau Creek, many of these fish species may also be present within Pond Creek. Field observations conducted on June 30, 2010, indicate that Pond Creek is functioning biologically and is a productive resource. Water clarity during the site visit was excellent, allowing observation throughout the stream channel

habitats. Numerous leopard frogs jumped from the banks of the stream, moving upstream during the site visit. Several species of fish, including minnows and sunfish, were observed within the deeper pools and runs of the stream. Many damselfly and dragonfly adults were also observed using the Pond Creek channel and adjacent emergent wetlands. In general, Pond Creek is a relatively homogenous stream environment; however, it still provides suitable habitat conditions for many different species of aquatic animals.

Table 1: Illinois Natural History Fish Collection Database

#	Genus species	Common Name	Stream
1	Ameiurus natalis	Yellow bullhead	West Bureau Creek
2	Campostoma anomalum	Central stoneroller	West Bureau Creek
3	Carpiodes cyprinus	Quillback carpsucker	West Bureau Creek
4	Catostomus commersoni	White sucker	West Bureau Creek
5	Cyprinella lutrensis	Red shiner	West Bureau Creek
6	Cyprinella spiloptera	Spotfin Shiner	West Bureau Creek
7	Etheostoma flabellare	Faintail darter	West Bureau Creek
8	Etheostoma nigrum	Johnny darter	West Bureau Creek
9	Etheostoma spectabile	Orangethroat darter	West Bureau Creek
10	Hypentelium nigricans	Northern hogsucker	West Bureau Creek
11	Ictalurus punctatus	Channel catfish	West Bureau Creek
12	Lampetra appendix	American brook lamprey	West Bureau Creek
13	Lepomis cyanellus	Green sunfish	West Bureau Creek
14	Lepomis macrochirus	Bluegill	West Bureau Creek
15	Luxilus chrysocephalus	Striped Shiner	West Bureau Creek
16	Lythrurus umbratilis	Redfin shiner	West Bureau Creek
17	Micropterus dolomieu	Smallmouth bass	West Bureau Creek
18	Moxostoma duquesnei	Black redhorse	West Bureau Creek
19	Moxostoma erythrurum	Golden redhorse	West Bureau Creek
20	Moxostoma macrolepidotum	Shorthead redhorse	West Bureau Creek
21	Nocomis biguttatus	Hornyhead chub	West Bureau Creek
22	Notropis atherinoides	Emerald shiner	West Bureau Creek
23	Notropis blennius	River shiner	West Bureau Creek
24	Notropis dorsalis	Bigmouth shiner	West Bureau Creek
25	Notropis Iudibundus	Sand shiner	West Bureau Creek
26	Noturus flavus	Stonecat	West Bureau Creek
27	Percina caprodes	Logperch	West Bureau Creek
28	Percina maculata	Blackside darter	West Bureau Creek
29	Phenacobius mirabilis	Suckermouth minnow	West Bureau Creek
30	Pimephales notatus	Bluntnose minnow	West Bureau Creek
31	Pimephales promelas	Fathead minnow	West Bureau Creek
32	Rhinichthys atratulus	Blacknose dace	West Bureau Creek
33	Semotilus atromaculatus	Creek chub	West Bureau Creek

Source: Illinois Natural History Fish Collection Database,

http://ellipse.inhs.uiuc.edu:591/INHSCollections/fishsearch.html, retrieved on July 1, ,2010._____

Water Quality

Water Quality standards in Illinois are determined by the Watershed Management Section (WMS) of the Illinois Environmental Protection Agency (IEPA). In addition to setting state limits on water quality, IEPA administers the state 401 certification program. A typical 401 project certification process includes: 1) a detailed antidegradation review according to state standards, 2) a public notice, 3) posting of an antidegradation fact sheet, 4) IEPA review of the comments received, 5) IEPA decision to hold a public hearing, and 6) preparation of comment responses prior to the issuance of <u>any</u> certification. Typical 401 project level certification may take up to two or more years for IEPA to fully process.

Water quality standards have been established for all surface waters in Illinois. Rivers and streams are rated based on the degree of support (attainment) of a designated use. Ratings are determined by an analysis of various types of information, including biological, physicochemical, physical habitat, and toxicity data. When sufficient data are available, each applicable designated use in each segment is assessed as Fully Supporting (good), Not Supporting (fair), or Not Supporting (poor). Waters in which at least one applicable use is not fully supported are considered "impaired." The water quality of streams within Illinois can be assessed by consulting the IEPA Integrated Water Quality Report and Section 303(d) List of Impaired Waters (IEPA, 2010).

According to the 2010 Section 303(d) list, Pond Creek was not assessed (see Table 2) as part of the 2010 study. West Bureau Creek was assessed as fully supporting aquatic life (582), and not supporting primary contact for fecal coliform – (400). The source of the fecal coliform impairment is unknown (140).

Name	Assessment Unit ID	10-Digit HUC	IEPA Basin	Cat.	Size (miles)	Use Attainment*	Causes	Sources
Pond Creek	IL_DQDA	0713000107	11	3	10.16	X582, X583, X585, X586, X590	N/A	N/A
West Bureau Creek	IL_DQD-01	0713000104	11	5	23.57	F582, X583, N585, X586, X590	400	140

Table 2: 2010 IEPA 303(d) List - Specific Assessment Information for Pond Creek

The major potential causes of impairment within Illinois streams are fecal coliform bacteria impairing swimming (582-primary contact) use, mercury, and polychlorinated biphenyls (PCBs) in fish tissue impairing (583-fish consumption) use, and low dissolved oxygen, high nutrients, excessive siltation, physical-habitat alterations, and high suspended solids which impair (585-aquatic life) use (IEPA, 2010).

Geomorphic Condition

As mentioned above, Pond Creek has been subject to numerous alterations. Based on historical aerial photographs and USGS topographic mapping, these alterations were likely undertaken during the drainage boom of the late 1800s or early 1900s. During this time, farmers began

^{*} X = not assessed; F = fully supporting; N = not supporting; 582 = primary contact; 583 = fish consumption'585 = aquatic life; 586 = secondary contact...; 590 = aesthetic quality.

transforming native prairie into highly productive farmland by installing a network of clay tiles. The tiles drained into excavated channels (ditches) that conveyed water from fields into the natural streams. Natural streams such as Pond Creek were often dredged, leveed, and straightened to speed the flow of water away from farm fields. Within the Wyanet Connection section of the Project area, Pond Creek was most likely relocated and channelized during the initial construction of the IAIS rail line in the mid 1800s. Since this time, the Pond Creek channel has been under gradual recovery and has redeveloped some natural features such as point bars, riffles, and pools. The existing geomorphic condition was assessed by observation of both the channel condition and the hydrological condition within Pond Creek. In addition, the IEPA Qualitative Stream Habitat Assessment Procedure (SHAP) was performed for the reach of Pond Creek that would be affected by the Wyanet Connection.

Channel and Hydrological Condition

Within the Wyanet Connection section of the Project area, Pond Creek is located at the base of a large trapezoidal-shaped channel, approximately 15 to 20 feet below top of bank. The stream has been heavily incised, straightened, confined, and isolated from the majority of its riparian floodplain; however, the channel does maintain a riparian wetland bench approximately 50 to 75 feet wide. The bench is approximately 1 to 2 feet above the wetted channel under normal base flow and appears to be frequently inundated as flood waters increase after rain events. The bank's slopes are approximately 1.5:1 (H:V) from the toe of the bench to the top of the bank. The slopes are very steep; however, they appeared stable and were well vegetated from the edge of the water to the top of the bank.

Herbaceous wetland vegetation was present along the margins of the channel and submergent vegetation was present within the channel. The wetted width of the Pond Creek channel measures approximately 30 to 50 feet within the Wyanet Connection section of the Project area and maintains a relatively even depth of flow of approximately 2.0 feet. Substrate throughout the channel is composed of course and fine sands with some silt deposition along the littoral margins. The stream is slightly constricted by two large open-bottom arched culverts in the IAIS railroad embankment and then again by similar culverts in the BNSF railroad embankment. The large open-bottom arched culverts within the existing rail embankments downstream of the proposed connection do not appear to critically impede or constrict flow; however, under low-flow conditions, they may impede the upstream movement of aquatic animals. Pond Creek becomes much more natural downstream of the BNSF rail line and eventually flows into West Bureau Creek.

Qualitative Stream Habitat Assessment Procedure (SHAP)

During the field survey conducted on June 30, 2010, observations of Pond Creek for the 15 habitat metrics were mostly within the fair to poor category, generating a total score of 74 out of 208. This score indicates that the habitat within the affected reach has not been able to fully recover from the impacts of channelization that occurred at the turn of the century. In general, the bank zone habitat and substrate habitat within the channelized reach of Pond Creek is very homogenous. This reach maintains little channel sinuosity and lacks typical riffle –pool sequencing in natural unaltered streams. The majority of the stream habitat within Pond Creek is similar in flow, depth, substrate, and velocity and can be characterized as a run or glide habitat. The riparian vegetation surrounding stream is a mix of both herbaceous and woody species. In some areas, bush honeysuckle has completely eliminated all other species within the

riparian corridor. The slopes are well vegetated, stable, and provide a good mix of canopy cover. See Attachment C for the completed SHAP form.

ENVIRONMENTAL CONSEQUENCES

The environmental consequences of the proposed action would result in the relocation of approximately 2,050 feet of Pond Creek. The following analysis of these impacts includes a discussion of the direct effects of the proposed action as well as the potential indirect effects.

Direct Effects

Construction of the Wyanet Connection would fill and relocate approximately 2,050 linear feet of Pond Creek as part of the construction of a new rail embankment. This direct effect would alter the current stream channel and would result in the temporary loss of this channelized stream habitat for numerous aquatic and terrestrial organisms, including fish, amphibians, invertebrates, and mammals. As the embankment is constructed, a new more natural channel would be reconstructed north of the new embankment to enhance the existing habitat for these species.

During construction, Pond Creek would be affected physically, chemically, and biologically. The biological functions of Pond Creek would be affected by the loss of habitat during construction. The biological functions within Pond Creek include habitat, refugia, food production, reproduction, and dispersal. The chemical integrity of Pond Creek can be defined as the natural composition and properties of various substances within the aquatic system. Impacts on the chemical functions within Pond Creek would include alteration of nutrient cycling, particulate retention, organic carbon export, removal and sequestration of elements and compounds, and diminished water quality. The physical functions can be characterized as the hydrological attributes of a particular stream. Impacts on the physical functions of Pond Creek would include alteration of the natural flow regime, flood attenuation ability, storm water reduction, groundwater exchange, and maintenance of natural thermal regimes.

Indirect Effects

Indirect effects would include impacts both upstream and downstream of the channel relocation. Indirect effects upstream of the Wyanet Connection section of the Project area would include impacts on aquatic organism movement and disruption of the current hydrological regime. Downstream impacts on biota and habitat may also result from construction of the new connection. During construction, changes in the hydrological flow may have indirect effects on downstream habitat. Furthermore, after construction, the new channel would require time to adjust. During the channel adjustment period, downstream habitat areas may indirectly change through scour and/or accretion; however, these impacts are likely to be short term and localized to areas immediately downstream of this section of the Project area.

POTENTIAL MITIGATION MEASURES

As stated above, construction of the Wyanet Connection would impact approximately 2,050 linear feet of Pond Creek and its associated riparian wetlands. To offset the loss of aquatic habitat, mitigation for these resources would be required. The following paragraphs and figures referenced describe a conceptual mitigation plan.

In March of 2010, the U.S. Army Corps of Engineers (USACE) produced a regulatory guidance document that provides detailed guidance for stream mitigation in Illinois (USACE, 2010). This guidance document was designed to facilitate Clean Water Act Section 404 permit applications and provides a standard way to assess adverse impacts and to determine the amount of mitigation required.

Mitigation for the impacts on Pond Creek could be accomplished through a combination of restoration alternatives, including:

- 1. On-site replacement and enhancement of the current functions Pond Creek through development of a more natural channel
- 2. Off-site enhancement of downstream habitat within the Pond Creek watershed
- 3. On-site wetland development within a newly developed riparian corridor
- 4. Purchase of stream/wetland mitigation credits from an approved mitigation bank

Preliminary analysis of on-site mitigation alternatives indicated that on-site mitigation options were limited by many natural and anthropogenic constraints. Given the complex nature of the Pond Creek system and the on-site constraints, the relocation of Pond Creek must be performed along the north side of the new rail connection (see Figure 10). The on-site channel mitigation would increase the total channel length by 1.5 times the existing length by introducing meandering to the new channel. The new channel would measure approximately, 3,000 linear feet and would replace the current hydrological functions performed by Pond Creek while also enhancing the quality of the habitat by incorporating multiple in-stream treatments such as cross veins, j-hooks, porous weirs, newberry riffles, or root wads. These structures would be strategically located within the new channel to optimize their effect on scour and deposition. Attachment D depicts various typical sections for the various in-stream treatment options. Installation of channel treatments would enhance the heterogeneity of the substrate, aid the development of riffle—pool sequencing, and restore a more natural width-to-depth ratio of the channelized reach of Pond Creek.

Additionally, the new stream channel would be constructed with a riparian bench to accommodate overbank flooding and natural wetland development. The wetland bench would be constructed with slopes conducive to the establishment of wetland vegetation. In addition to the planting of the wetland bench, the site would be managed to eliminate the establishment of exotic species through routine maintenance of the restored stream corridor. Detailed, site-specific mitigation plans will be developed during the tier 2 project level NEPA process.

Off-site enhancement of stream resources within the Pond Creek watershed will also be included in the mitigation plan. Due to on-site constraints, additional mitigation downstream of the proposed connection will be proposed to further mitigate for the loss of aquatic habitat associated with the Wyanet Connection. As Pond Creek flows downstream and southeast through the BNSF embankment, the stream channel becomes much more natural and meandrous (see Figure 11),

making this section of stream an ideal location for further enhancement, restoration, and protection. The off-site channel enhancement location is close to the Hennepin Canal State Park, making potential deeding to IDNR a potential alternative.

Approximately 2,050 linear feet of stream would be enhanced through a combination of exotic species removal, wetland planting, bank stabilization, and/or installation of the appropriate instream treatments such as cross veins, j-hooks, porous weirs, newberry riffles, or root wads. Exact locations for the downstream mitigation measures have not been selected at this point; detailed surveys to identify specific mitigation sites will be conducted during the tier 2 project level NEPA process.

FUTURE PHASES OF THE PROJECT

Illinois DOT and Iowa DOT are currently applying for a grant from FRA through the HSIPR. If FRA approves the grant application, Service Development Plan, and Tier 1 EA, the next step in the development process will be to conduct a detailed tier 2 project level NEPA review of the various Project elements. During the tier 2 process, numerous environmental surveys will be conducted at a more defined scale. The tier 2 project level NEPA review will also include an evaluation of the full range of alternatives, impact assessment and proposed mitigation development, including permit applications. It is also important to note that the detailed engineering and alternative analysis will be concurrent with the tier 2 project level NEPA review. Illinois DOT will coordinate the future tier 2 project level NEPA reviews with all of the appropriate federal and state agencies, including IDNR, and will work with these agencies to identify the best alternatives to avoid and minimize impacts on aquatic resource features.

REFERENCES

- Illinois Department of Natural Resources. 2008. Integrating Multiple Taxa in a Biological Stream Rating System. Illinois State Wildlife Grant Program Report. Springfield, Illinois. 34 p. http://dnr.state.il.us/orc/biostrmratings/
- Illinois Environmental Protection Agency. 303(d) List Specific Assessment Information for Streams. On-line. http://www.epa.state.il.us/water/tmdl/303-appendix/2010/appendix-b2-streams-draft-3-26-10.pdf
- Illinois Natural History Survey. On-line Fish Collection Database. Updated May 10, 2010. On-line. http://ellipse.inhs.uiuc.edu:591/INHSCollections/fishsearch.html
- U.S. Army Corps of Engineers. Illinois Stream Mitigation Guidance, Stream Mitigation Method for Processing Section 404 Clean Water Act Permit Applications in the State of Illinois. Version 1.0, March 2010.
- Handel, W.C. and J. Koontz. 2004. Inventory of Roadside Prairies. Illinois Department of Transportation Illinois Natural History Survey Center for Biodiversity. Technical Report.

FIGURES

- 1. Location Map for the Wyanet Connection section of the Project area
- 2. 2005 Aerial Photograph for the Wyanet Connection section of the Project area
- 3. Watershed Map for the Wyanet Connection section of the Project area
- 4. Wetlands and Waterways Map for the Wyanet Connection section of the Project area
- 5. 1941 Historical Aerial Photograph for the Wyanet Connection's section of the Project area
- 6. USGS Topographic Map for the Wyanet Connection section of the Project area
- 7. 1923 Historic USGS Topographic Map for the Wyanet Connection section of the Project area
- 8. Presettlement Land Cover Map for the Wyanet Connection section of the Project area
- 9. IDNR Stream Rating Map for the Wyanet Connection section of the Project area
- 10. On-site Mitigation Alternative Map for the Wyanet Connection section of the Project area
- 11. Off-site Mitigation Alternative Map for the Wyanet Connection section of the Project area

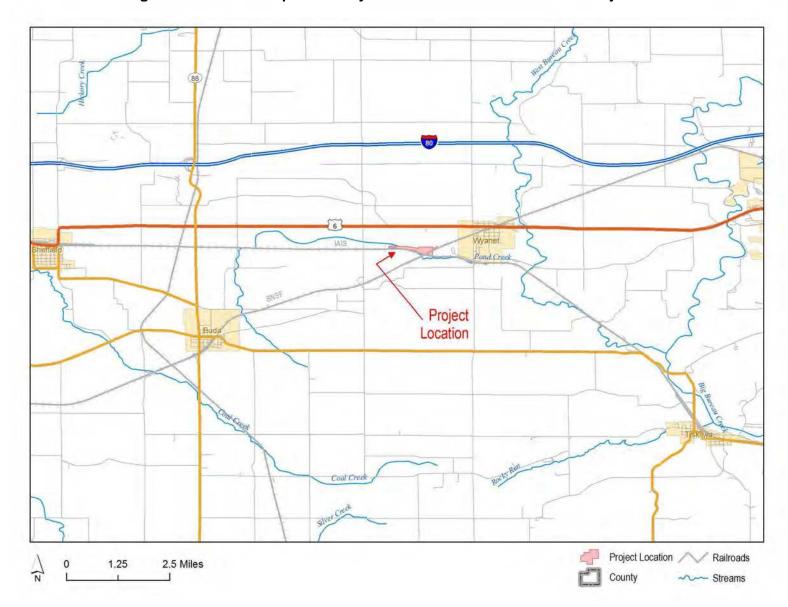


Figure 1: Location Map for the Wyanet Connection section of the Project area

Project Location / Railroads 1 Miles County

Figure 2: 2005 Aerial Photograph for the Wyanet Connection section of the Project area

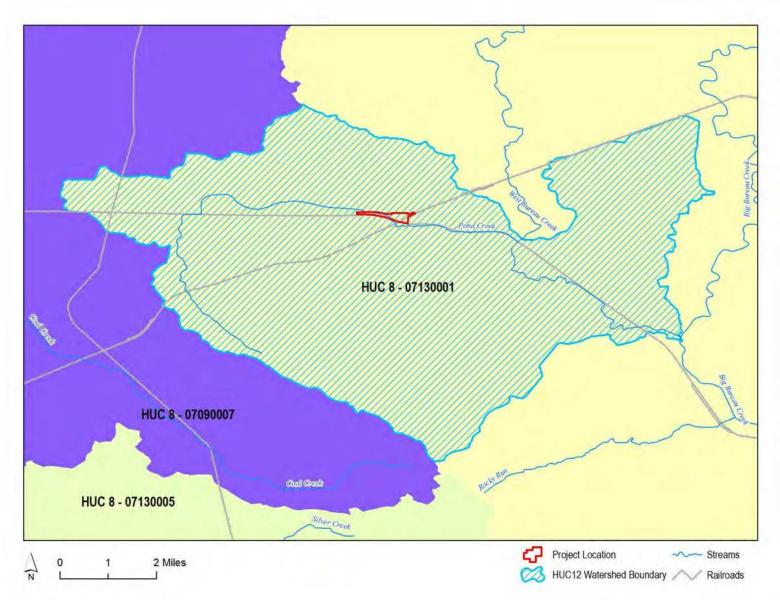


Figure 3: Watershed Map for the Wyanet Connection section of the Project area

Project Location 0.25 0.5 Miles Wetlands and Waterways

Figure 4: Wetlands and Waterways Map for the Wyanet Connection section of the Project area

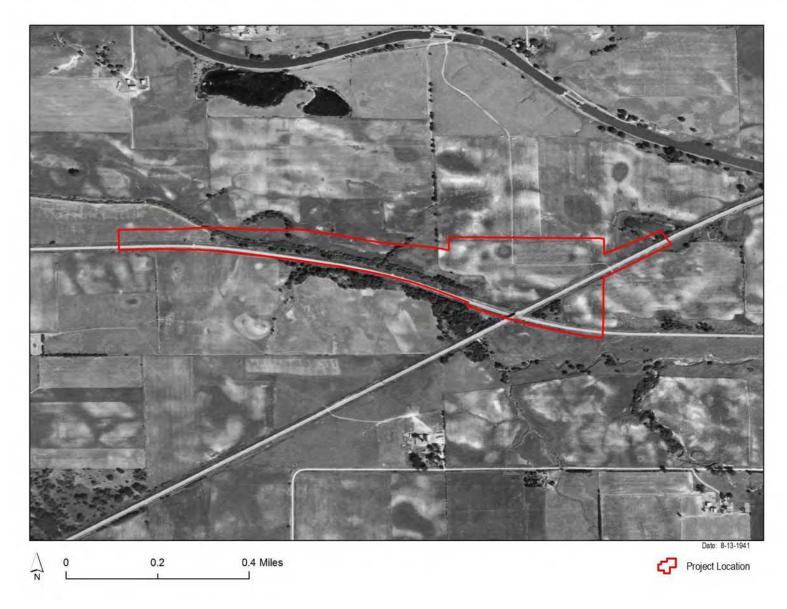


Figure 5: 1941 Historical Aerial Photograph for the Wyanet Connection section of the Project area

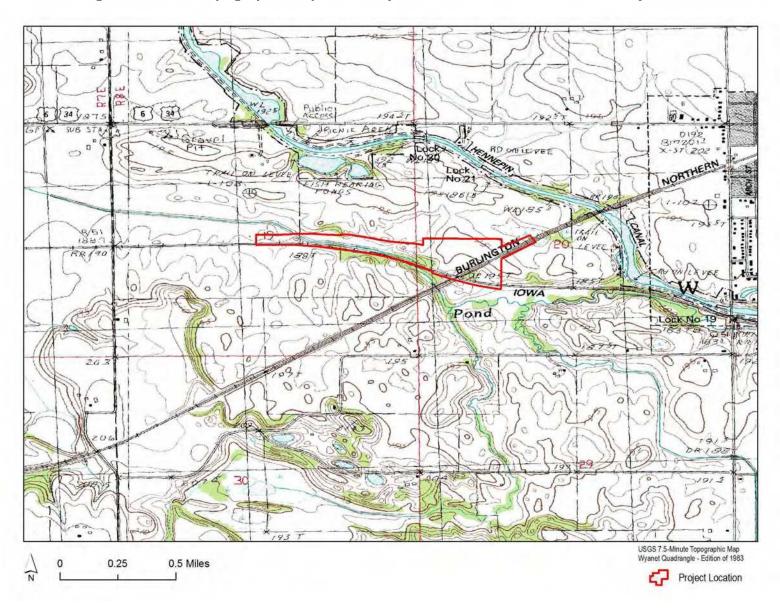


Figure 6: USGS Topographic Map for the Wyanet Connection section of the Project area

School 18 School School NNONBALL Wylane ROCK USGS 15-Minute Topographic Map Budat Quadrangle - Edition of 1923 0.5 1 Miles Project Location

Figure 7: 1923 Historic USGS Topographic Map for the Wyanet Connection section of the Project area

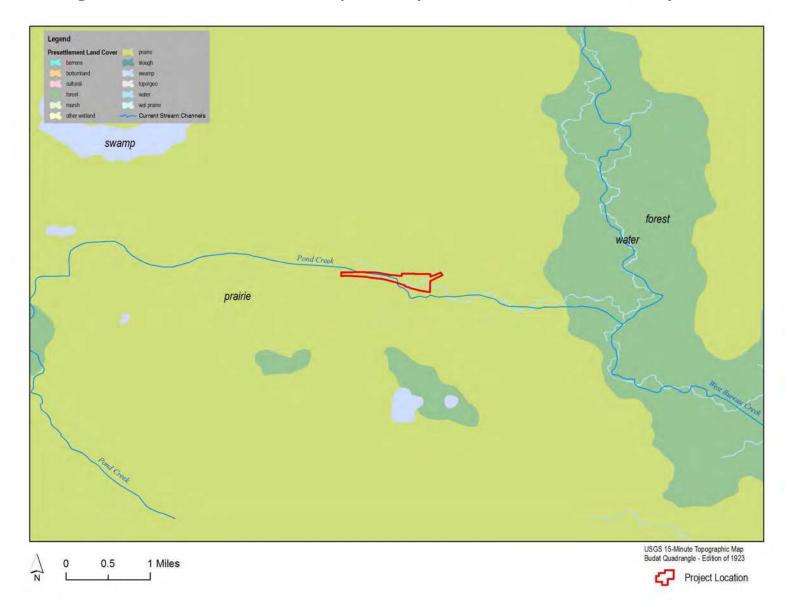


Figure 8: Presettlement Land Cover Map for the Wyanet Connection section of the Project area

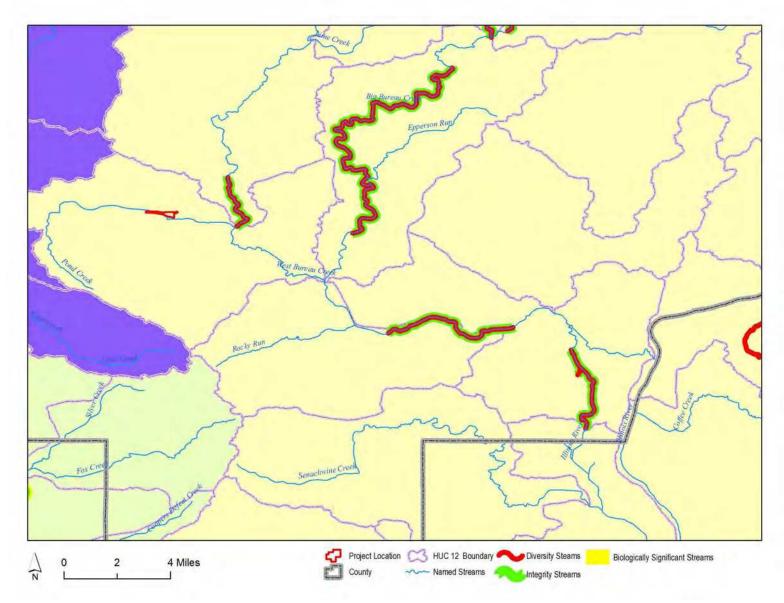


Figure 9: IDNR Stream Rating Map for the Wyanet Connection section of the Project area

Page 1478 of 2624

Hennepin Canal Parkw Project Location Proposed Connection 0.1 0.2 Miles IDNR State Park - Onsite Channel Restoration

Figure 10: On-site Mitigation Alternative Map for the Wyanet Connection section of the Project area

Mitigation Alternatives 0.25 0.5 Miles ---- Onsite Channel Restoration Proposed Connection - Offsite Channel Enhancement Area

Figure 11: Off-site Mitigation Alternative Map for the Wyanet Connection section of the Project area

ATTACHMENTS

- A Site Observation Photo Log
- **B INHS Wetland Delineation Report / INHS Prairie Report**
- C IEPA SHAP Data Sheet
- **D Typical Section of Instream Mitigation Features**

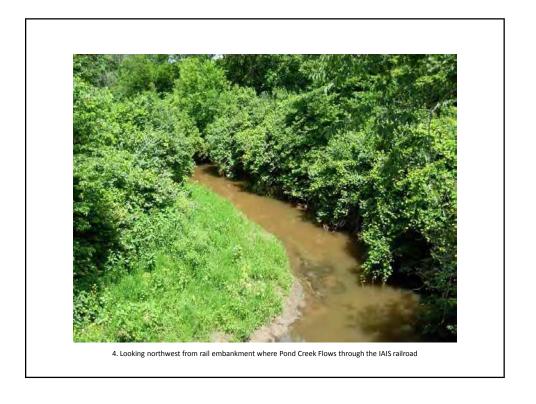
Attachment A – Site Observation Photo Log





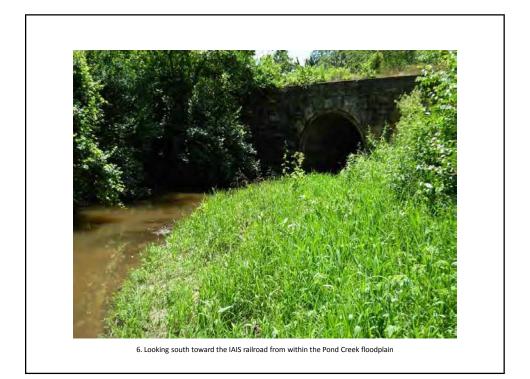
1







 $5. \ Looking \ west \ at the \ double \ arched \ culverts \ open \ bottom \ culverts \ within \ the \ IAIS \ rail \ embankment$



3



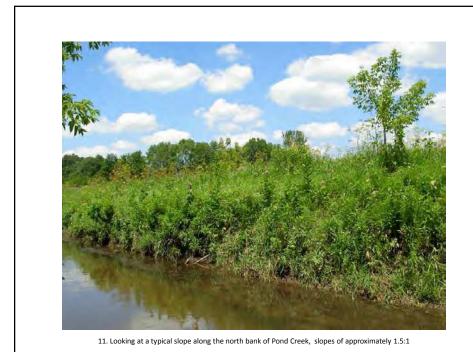




9. Looking downstream at a typical section of Pond Creek, notice the stable, well vegetated banks



10. Looking west (upstream) at Pond Creek, notice submerged vegetation along the left bank of the stream.





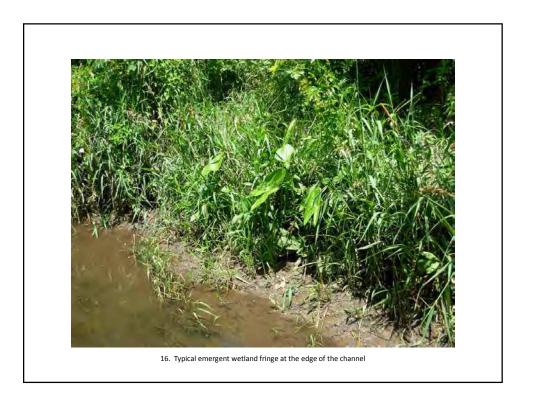


13. Typical fine grained sand substrate within the majority of the stream channel



7







17. Looking from within Pond Creek at a typical bank height of 15-20 to the top of bank.

Attachment B

INHS Wetland Delineation Report

(This report is included as *Attachment 8* to the Tier 1 Service Level Environmental Assessment Supplemental Information)

Supplemental INHS Prairie Report

(This report is included as *Attachment 11* to the Tier 1 Service Level Environmental Assessment Supplemental Information)

Attachment C - IEPA SHAP Data Sheet

DWPC Field QA Manual Sec. E. Stream Habitat Revision 3 Date: July 1994

Section: App E-9 Page 1 of 2

APPENDIX E-9: IEPA QUALITATIVE STREAM HABITAT ASSESSMENT PROCEDURE (SHAP)

Stream: Pond Creek Station Code: <u>IL_DQDA</u>

Reach Length: ~ 2,000 If Date: 6.30.2010 Assessed by: JLB : DRY
Reach Description: Wilanet Connection Site Location "Concensus"

		EXCELLENT	GOOD	FAIR	POOR
1	Bottom Substrate	Greater than 50% gravel, cobble or boulders	30-50% consolidated gravel, cobble or boulders	10-30% gravel (largely unconsolidated) cobble, boulders	Less than 10% gravel, cobble or boulders; predom. Sand or silt
Score:	3	16-20	11-15	6-10	1-5
2	Deposition	Less than 5% affected; minor accumulation of coarse particles at channel bars, point bars snags or submerged vegetation	5-30% affected; moderate accumulation of sand/gravel at channel point bars, snags or submerged vegetation	5-30% affected; major deposition of sand at channel point bars, snags or submerged vegetation; pools shallow from heavy deposition	Mud, silt, or sand in braided or nonbraided channels; pools almost absent due to deposition
Score:	4	10-12	7-9	4-6 √	1-3
3	Substrate Stability	Abundance of boulders or cobble; periphyton/aquatic vegetation often abundant	Presence of some boulders or cobble with some periphyton	Few boulders and cobble; small shifting particles common; periphyton rare; or predom. Claypan or bedrock	Stable substrate types absent; small gravel, sand and silt abundant; periphyton usually absent or present only during low flow
Score:	a a	13-16	9-12	5-8	1-4
4	Instream Cover (for pan fish juveniles or adults)	Abundant submerged logs, undercut banks or other stable habitat (>12% of stream)	Adequate habitat (6-12% of stream)	Habitat availability less than desirable (2-6% of stream)	Lack of habitat obvious (<2 of stream)
Score:	Lf	10-12	7-9	4-6	1-3
5	Pool Substrate Characterization	Mixture of coarse substrate materials with gravel and firm sand prevalent; root mats and submerged vegetation common	Mixture of soft sand, mud or clay; mud may be dominant; some root mats and submerged vegetation present	All mud/clay or sandy bottom; little or no root mat, no submerged vegetation; older channelization	Hardpan clay or bedrock; no root mats or vegetation OR maintained channel with shifting sand substrates; OR pools absent
Score:	10	16-20	11-15	6-10	1-5
6	Pool Quality	(see flow chart)		0.10	1-3
Score:	4				<u> </u>
7	Pool Variability	Approx equal mix of deep/shallow/large/small pools present	Majority of pools large and deep; very few shallow	Shallow pools much more prevalent than deep pools	Majority of pools small and shallow or pools absent
Score:	3	13-16	9-12	5-8	1-4
8	Canopy Cover (Shading	Mixture of conditions some areas fully exposed to sun while others receive various degrees of filtered light	Covered by sparse canopy; entire water surface receiving filtered light	Water surface completely shaded OR nearly full sun reaching water surface (10-20%)	Lack of canopy, full sunlight reaching water surface (0-10%)
Score:	10	10-12	7-9	4-6	1-3

DWPC Field QA Manual Sec. E. Stream Habitat Revision 3 Date: July 1994 Section: App E-9

APPENDIX E-9: IEPA QUALITATIVE STREAM HABITAT ASSESSMENT PROCEDURE (SHAP)

		EXCELLENT	GOOD	FAIR	POOR
9	Bank Vegetative Protection/ stability (waters edge to top of bank)	Over 90% of the streambank surfaces covered by vegetation or bare rock	70-90% of the stream bank surface covered by vegetation or bare rock	50-70% of the stream bank surface covered by vegetation or bare rock OR older channelization	<50% of the stream bank surface covered by vegetation or bare rock OR new or regularly maintained channelization
Score:	12	13-16	9-12	5-8	1-4
10	Top of bank land use (top of bank to 30 yards inland)	Well vegetated or =>90% in undisturbed land use	Generally undisturbed (79-90%)	Moderately disturbed (40-70%)	Little of immediate watershed undisturbed (<40%)
Score:	3	7-8	5-6	3-4	1-2
11	Flow-related refugia	Readily available refugia at all flow regimes	Abundant stable cover for fish present between water's edge and top of bank; moderate pool depth at low flows	Sparse cover for fish present between the waters edge and top of bank OR pools nearly absent at low flow	Lack of refugia at most stream stages
Score:	4	10-12	7-9	4-6 V	1-3
12	Channel Alteration	Little or no enlargement of islands or point bars or no channelization	Some natural channel modification or recovered old channelization	Older channelization in various degrees of recovery	Extensive recent or regularly maintained channelization
Score:	3	7-8	5-6	3-4	1-2
13 **	Channel Sinuosity	Instream channel length 3 to 4 times straight distance	Instream channel length 2 to 3 times straight line distance	Instream channel length 1 to 2 times straight line distance	Channel straight, channelized waterway
Score:	4	10-12	7-9	4-6	1-3
**	Width /Depth ratio	Stream very deep and narrow; width/depth <=7	Stream moderately deep and narrow; Width/depth 8-15	Stream moderately shallow with some deep areas; width/depth 15- 25	Stream relatively wide and shallow; width/depth >25
Score:	5	13-16	9-12	5-8	1-4
15	Hydrologic diversity	Variety of habitats: deep riffles and pools; diverse velocities readily apparent	Adequate depth in pools and riffles; bends provide habitat; good velocity diversity	Occasional riffle or bend; bottom contours provide some habitat; fair velocity diversity	Essentially a straight stream with poor habitat; uniform velocity
Score:	Š	10-12	7-9	4-6	1-3

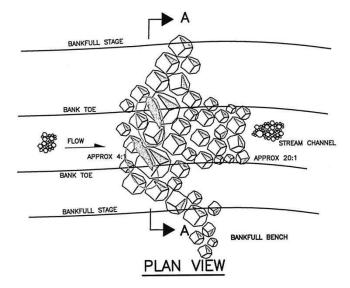
Representativeness of sampled reach to entire stream reach: Excellent, Good Fair, Poor (circle one)

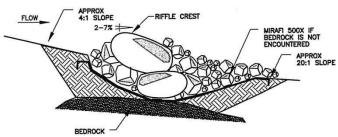
Comments: Park (seek is Chandled and Asaparite Shape Little Market

Alvesity, estrablily realist sales is a sea consequent.

^{**} Office: Indicates that assessment based on measured habitat information is recommended.

Attachment D – Typical Section of Instream Mitigation Features

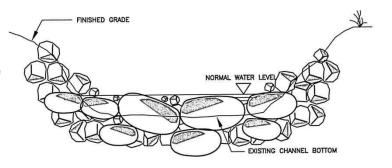




PROFILE

CONSTRUCTION NOTES:

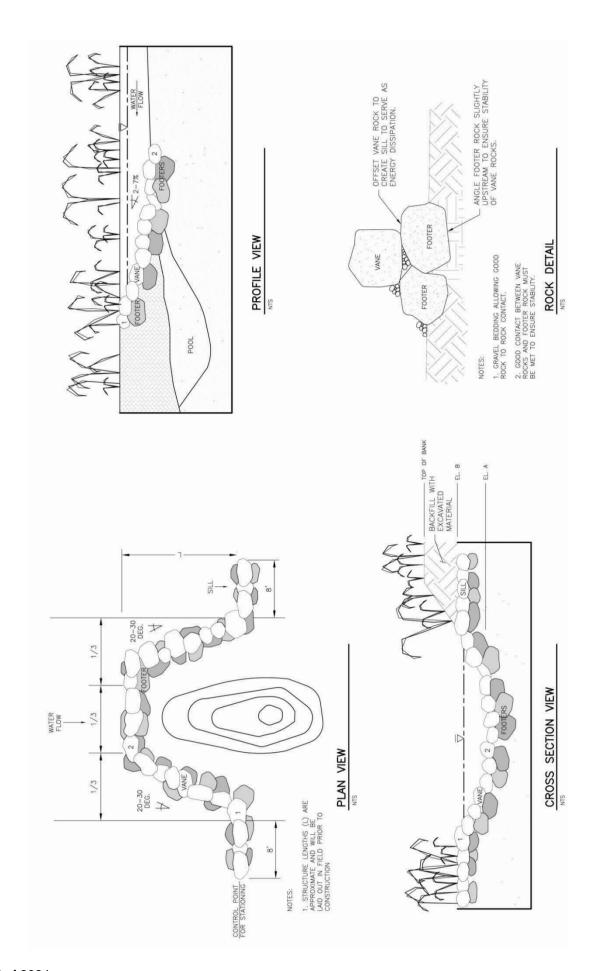
- PLAN: BUILD RIFFLE TO EXTEND ACROSS BASE OF STREAM WITH LARGEST DIAMETER BOULDERS AT CREST LINE AND REDUCE SIZES PROGRESSNELY DOWNSTREAM. CREST BOULDERS SIZED 1.5 TO 2 TIMES MAXIMUM SIZE TRANSPORTABLE WITH TOP-OF-BANK EVENT. RIFFLE CREST HAS SIMILAR SIZED FOOTERS TO COHESIVE SAPROLITE OR BEDROCK.
- PROFILE: CONSTRUCT DOWNSTREAM FACE OF RIFFLE AT APPROXIMATELY 20:1 AND UPSTREAM FACE AT APPROXIMATELY 4:1 SLOPE. SLOPE SHOULD BE ADJUSTED TO MEET DESIGN RIFFLE:POOL RATIO, AND RIFFLE SLOPES.
- 3. CROSS SECTION: V-SHAPED CREST CUT DOWN TOWARDS CENTER OF CHANNEL.
- 4. SURFACE: SPACE LARGE SURFACE ROCKS 20 TO 30 CM APART ON THE DOWNSTREAM FACE OF THE RIFFLE TO FORM LOW FISH PASSAGE CHANNELS.
- 5. BANKS: EXTEND RIFFLE SIDE SLOPE UP BANK TO LEVELS EQUAL TO HEIGHT OF COIR FIBER LOGS, AND THEN EXTEND CREST BACK WITH ROCK PLACED WITHIN BANDS AT 20 TO 30 ANGLE FROM BANK, AND WITH RISE ANGLE OF 2-7 (AS SEEN IN THE CROSS VANE STRUCTURE).

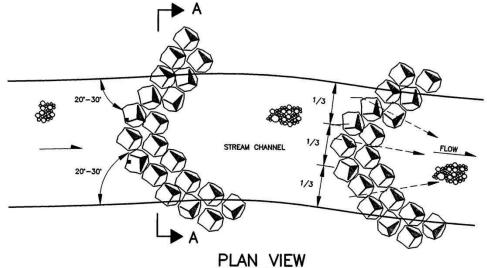


SECTION A-A

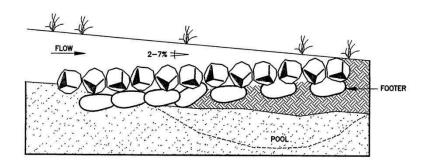
CONSTRUCTED BEDROCK RIFFLE

NO SCALE

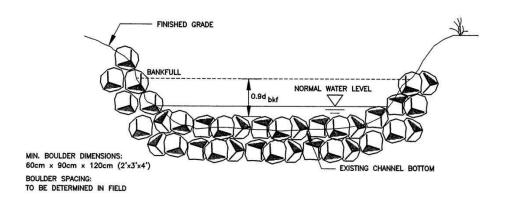




PLAN VIEW NOT TO SCALE



PROFILE NOT TO SCALE



SECTION A-A ROCK CROSS VANES

Attachment 7
Eola Main Line Improvements Wetland Delineation Report

Attachments Wetland Delineation



Technical Memo

Wetland Report for Chicago to Iowa City Intercity Passenger Rail - Eola Main Line Improvements **July 2010**

Prepared for: Illinois DOT and Iowa DOT

INTRODUCTION AND PROJECT SUMMARY

In 2009, the Illinois Department of Transportation (Illinois DOT) and Iowa Department of Transportation (Iowa DOT) prepared a Service Level (Tier 1) Environmental Assessment (2009) EA) describing the potential environmental impacts from reestablishing intercity passenger rail service between Chicago and Iowa City. The 2009 EA was submitted to Federal Railroad Administration (FRA) as part of Illinois DOT and Iowa DOT High-speed Intercity Passenger Rail Program grant application. The 2009 grant application was not successful. However, Illinois DOT and Iowa DOT are submitting a new grant application to FRA for consideration of funding the intercity passenger rail service between Chicago and Iowa City under the FRA's 2010 Notice of Funding Availability for Service Development Programs under the HSIPR Program. As part of the 2010 HSIPR Grant Application, Illinois DOT and Iowa DOT intend to resubmit the 2009 EA with supplemental information, including this description of possible impacts to aquatic resources from the Eola Main Line Improvements and conceptual mitigation for those impacts. The Eola Main Line Improvements are a component of the set of required infrastructure improvements that would be required to reestablish intercity passenger rail service between Chicago and Iowa City (Figure 1). Detailed discussions of the purpose and need and a description of the Eola Main Line Improvements are included in Chapters 1 and 2 of the Supplemental Information to the 2009 EA.

The Project area for this Wetland Report is the BNSF Railway (BNSF) Eola Rail Yard located within Aurora, Illinois. The Project is located in Sections 17 and 18 of Township 38 north, Range 9 east of DuPage County, Illinois, and Sections 13 and 14 of Township 38 north, Range 8 east of Kane County (See Figure 1).

HDR conducted a wetland observation of the Project area on July 6, 2010, to identify wetlands within it (See Figure 1).

1

Wetland Delineation Technical Memo

WETLAND SITES SUMMARY

HDR conducted a wetland and waters of the U.S. identification on behalf of Illinois DOT on July 6, 2010, at the Eola Yard. The following sources were used to determine the wetland boundaries and waters of the U.S. locations:

- Soil Survey of DuPage and Kane County, Illinois
- United State Geological Survey (USGS) topographic maps
- National Wetland Inventory (NWI) maps
- 1987 Corps of Engineers Wetlands Delineation Manual (Environmental Laboratory, 1987)
- Interim Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Midwest Region (U.S. Army Corp of Engineers, 2008)
- NRCS, USDA, Web Soil Survey

The survey limits were within the Eola Yard, which presented several constraints for completing full routine wetland delineation. The challenges included safety of the delineators and previous disturbances of the area due to the construction of the rail yard. Observing the soil profile was difficult due to the presence of fill material (gravel and cobble-sized ballast) associated with the construction of the rail yard; in most cases, the upland area was ballast, which created distinct wetland boundaries. Wetland boundaries were determined by on-site observations, as well as offsite or desktop analysis due to the constraints of conducting delineation inside a working rail yard. A "Routine Wetland Determination Data Form" was completed for accessible wetland and upland areas. In locations where it was difficult to document the soil profile, the hydrology and vegetation community were relied upon for the wetland determination. These forms are present in Attachment B. Sampling points and wetland boundaries were documented in the field and are shown on Figure 2. Non-wetland waters of the U.S. were also identified and further discussed in a Stream Assessment Technical Memo (HDR, 2010).

In addition to the wetland observation within the survey limits, surrounding wetland areas were noted during the field visit and a desktop analysis was conducted. See Figure 2 for the desktop delineation for the areas outside of the survey limits.

Also during the on-site observation, the Floristic Quality Index (FQI) was used to assess the ecological integrity of communities (Swink and Wilhelm, 1994; Taft et al., 1997). This index provides a measure for the quality or environmental integrity of each individual community. The FQI is calculated as follows:

$$FQI = R/\sqrt{N}$$

Where R represents the sum of the numerical ratings for all species recorded at the site and N represents the total number of recorded species. Numerical ratings for each species are shown in the species list for each community. Plants not native to Illinois are not scored. The mean Coefficient of Conservatism (mean C), defined as the sum of the numerical ratings divided by the total number of native Illinois species (R/N), was also determined. Although generalizations are problematic, for interpretive purposes it can be said that FQI values of ten or less for individual sites indicate low natural quality. Sites with FQI values of twenty or more (mean C > 3.0) possess some evidence of native character and may be considered environmental assets. See Attachment D for the FQI for each area.

Technical Memo Wetland Delineation

EOLA YARD IMPROVEMENTS WETLAND OVERVIEW

Brief narratives of the delineated wetlands that met all wetland criteria are presented below.

Wetland Area 1

The area characterized by Sampling Point 1 is located between the main tracks and a rail spur that extends south on the eastern edge of the Project area (See Attachment C- Photo Log). This area is a palustrine forested wetland (PFO) dominated by box elder (*Acer negundo*) and green ash (*Fraxinus pennsylvanica*). The area appears to be altered on the eastern edge for a transmission corridor. A connection from this area to Night Heron Marsh occurs through culvert systems beneath the railroad spur. Night Heron Marsh is outside of the survey limits but is adjacent to the Project area. Night Heron Marsh is a persistent emergent wetland.

Drainage 1

Sampling Point 3 characterizes an unnamed drainage that conveys stormwater through the Eola Rail Yard culvert system (See Attachment C- Photo Log). The drainage extends east to west between a maintenance roadway and existing rail line. A culvert on the east end of the drainage conveys flow from Eola Road Marsh, a persistent emergent wetland. The culvert on the west end connects to Drainage 2 and 3. The eastern portion of the drainage has vegetation communities that include narrow leaf cattail (*Typha angustifolia*) and reed canary grass (*Phalaris arundinacea*). The western portion of the drainage is dominated by elderberry (*Sambucus canadensis*) (See Attachment B- Sampling Point 3).

Drainage 2

Drainage 2 displayed similar characteristics to the eastern portion of Drainage 1. It consists of a linear drainage with associated wetland fringe that was inaccessible during the field survey; therefore no Sampling Points were collected. The drainage is also connected to the culvert system that conveys stormwater and flow from the adjacent marshes to Indian Creek. The drainage is dominated by reed canary grass (*Phalaris arundinacea*) and narrow leaf cattail (*Typha angustifolia*). Hydrology was present displaying surface water, and soils were assumed to be hydric by referencing Sampling Point 3.

Drainage 3 (Indian Creek)

Drainage 3 displayed similar characteristics to the western portion of Drainage 1. Drainage 3 is a linear drainageway that extends from Eola Road Marsh to the west, connecting with the other drainages to convey stormwater. Two linear features are included for this drainage; a small feature extends east to west between the main tracks and southern rail spur, while a large feature extends east to west and continues to the western portion of the survey limits (See Figure 2). Drainage 3 also flows across the western portion of the survey limits for the Project (See Attachment B-Sampling Point 5). Some sources note this channel as Indian Creek; further discussion of the drainages and contribution to Indian Creek is contained in the Stream Assessment Technical Memorandum (HDR, 2010). Dominant vegetation included box elder (*Acer negundo*) and green ash (*Fraxinus pennsylvanica*). Hydrology was present displaying surface water, and soils were assumed to be hydric due to inundation.

Wetland Delineation Technical Memo

Wetland Area 2

This is an erosion feature located between an abandoned rail track and a fence along the boundary of the rail yard in western portion of the Project area. The area was observed during the wetland survey, but a Sampling Point was not collected due to constraints. The area conveys runoff through a 5-10 foot ditch that flows into a storm sewer pipeline. Dominant vegetation included reed canary grass (*Phalaris arundinacea*).

Table 1: Wetland Determination Data Sheet Summary

Area/Drainage	Acres within Survey Limits
We tland Are a 1	0.4
Dra in a g e 1	2.8
Dra in a g e 2	3.5
Dra in a g e 3	1.6
We tland Are a 2	0.1
To ta l	8.4

Note: Acres include culvert systems that flow beneath the main rail lines.

The wetland observation determined the wetland boundaries for the survey limits despite the constraints that occurred due to the Eola Yard location. For the proposed Preferred Alternative - Two Round-trip Trains per Day scenario, construction would impact approximately 1.7 acres, based on preliminary design. This direct effect would result in minor alteration to the current stream and stormwater conveyances.

FUTURE PHASES OF THE PROJECT

Should FRA approve the Illinois and Iowa DOTs' 2010 HSIPR grant application, the next step in the development process would be to conduct a detailed Project Level (Tier 2) NEPA evaluation, including preliminary engineering and permitting. During this process, a detailed alternatives analysis would be conducted and additional wetland delineation would be conducted. During the alternatives analysis, additional sampling points would need to be collected within the Eola Rail Yard Project area. During the Project Level NEPA and permitting process, a mitigation plan to avoid, minimize, and mitigate for wetland impacts would be developed beyond a concept phase and coordinated with all appropriate federal and state agencies including the Illinois Department of Natural Resources (IDNR). Illinois DOT would work with these agencies to identify the best alternatives to avoid and minimize impacts to wetland resources.

Technical Memo Wetland Delineation

REFERENCES

Cowardin, et al. December 1979. *Classification of Wetlands and Deepwater Habitats of the United States*. FWS/OBS-79/31. U.S. Department of Interior, Washington, D.C.

- HDR, 2010. Stream Assessment Technical Memo.
- Environmental Laboratory. January 1987. *Corps of Engineers Wetland Delineation Manual*, Waterways Experiment Station, Vicksburg, Mississippi.
- U.S. Army Corps of Engineers. 2008. *Interim Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Midwest Region*, ed. J.S. Wakely, R.W. Lichvar, and C.V. Noble. ERDC/EL TR-08-27. Vicksburg, MS: U.S. Army Engineer Research and Development Center.

Attachments Wetland Delineation

Attachment A- Figures

Attachments Wetland Delineation

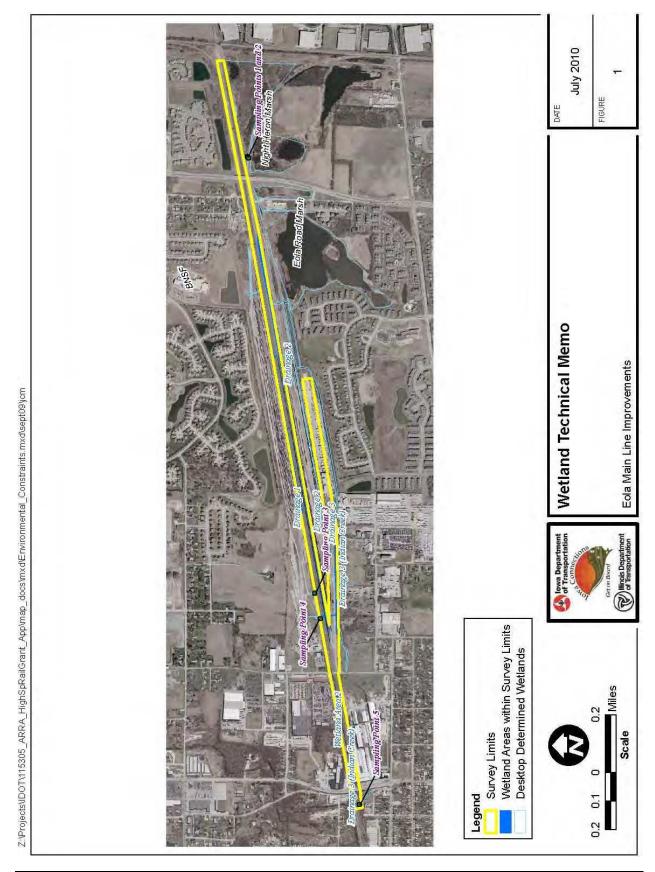
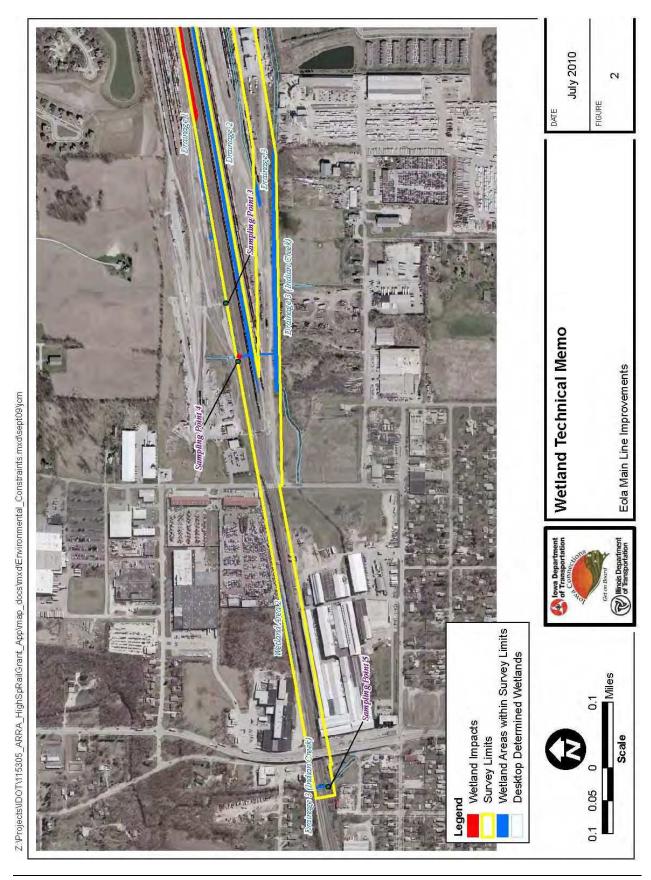


Figure 1: Project Location Map

Attachments Technical Memo



Attachments Wetland Delineation

July 2010 FIGURE Wetland Technical Memo Eola Main Line Improvements Z.Projects\IDOT\115305_ARRA_HighSpRailGrant_App\map_docs\mxdEnvironmental_Constraints.mxd\sept09\jcm Wetland Impacts
Survey Limits
Wetland Areas within Survey Limits
Desktop Determined Wetlands

Figure 2b: Analyzed Sites - DuPage County

Attachments Wetland Delineation

Attachment B- Data Sheets

Reset Form	Print Form

WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: Eola Yard EA	(City/County:	DuPage 0	County Sampling Date: July 6, 2010
Applicant/Owner: lowa DOT and Illinois DOT				State: IL Sampling Point: 1
Investigator(s): J. Bartletti, R. Keith, and B. Baker	:	Section, Tov	wnship, Rai	nge: Sec 18/17, T38N, R9E
Landform (hillslope, terrace, etc.): Depression		L	ocal relief	(concave, convex, none): Concave
Slope (%): Lat:				
Soil Map Unit Name: Drummer silty clay loam, 0 to 2 percent				
Are climatic / hydrologic conditions on the site typical for this	time of yea	ar? Yes	No	X (If no, explain in Remarks.)
Are Vegetation, Soil, or Hydrology sig				
Are Vegetation, Soil, or Hydrology na				eded, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map s	howing	sampling	g point l	ocations, transects, important features, etc.
Hydrophytic Vegetation Present? Yes X No		1- 41-	. 0	•
Hydric Soil Present? Yes X No			e Sampled in a Wetlar	
Wetland Hydrology Present? Yes X No		With	ili a vvetiai	iu: ies // No
Remarks:		•		
The sampling point characterized by this data sheet an inun of hydrophytic vegetation, hydrology, and assumed hydric so				
VEGETATION – Use scientific names of plants.				
	Absolute	Dominant		Dominance Test worksheet:
4 Frayinya nannaylyaniaa	20	Species?		Number of Dominant Species
			FACW-	That Are OBL, FACW, or FAC:4 (A)
Acer negundo Salix nigra		Y		Total Number of Dominant Species Across All Strata: 4 (B)
4				Species Across All Strata:4 (B)
5				Percent of Dominant Species That Are OBL, FACW, or FAC:100 (A/B)
		= Total Cov	er	That Are OBE, I AGW, OF I AC.
Sapling/Shrub Stratum (Plot size:15 ft)				Prevalence Index worksheet:
1				Total % Cover of: Multiply by:
2				OBL species x 1 =0
3				FACW species x 2 =0
4				FAC species x 3 = 0 FACU species x 4 = 0
5				
Herb Stratum (Plot size: 5 ft)		= Total Cov	er	UPL species x 5 = 0 Column Totals: (A) (B)
1. Phalaris arundinacea	10	Υ	FACW+	Column Totals (A) (B)
2.				Prevalence Index = B/A =0
3				Hydrophytic Vegetation Indicators:
4				X Dominance Test is >50%
5				Prevalence Index is ≤3.0 ¹
6				Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)
7				Problematic Hydrophytic Vegetation¹ (Explain)
8				1 Toblematic Trydrophytic Vegetation (Explain)
9				¹ Indicators of hydric soil and wetland hydrology must
10				be present, unless disturbed or problematic.
Woody Vine Stratum (Plot size:)	10	= Total Cov	er	
1				Hydrophytic
2				Vegetation
		= Total Cov	er	Present? Yes <u>X</u> No
Remarks: (Include photo numbers here or on a separate sl	neet.)			
	.55,			
Dominate species were documented for the purposes of this	s data shee	et, but a con	nplete inve	ntory of vegetation was completed for the FQI.

OIL					Sampling Point: <u>1</u>
Profile Description: (Desc	ribe to the depth r	needed to documer	nt the indicator	or confirm t	he absence of indicators.)
Depth Mat	rix	Redox F	eatures		
(inches) Color (mois	t) %	Color (moist)	% Type ¹	Loc ²	Texture Remarks
					
					
					· · · · · · · · · · · · · · · · · · ·
					·
Type: C=Concentration, D=	Depletion, RM=Re	duced Matrix, CS=C	overed or Coate	d Sand Grair	
lydric Soil Indicators:					Indicators for Problematic Hydric Soils ³ :
Histosol (A1)		Sandy Gle	ed Matrix (S4)		Coast Prairie Redox (A16)
Histic Epipedon (A2)		Sandy Red	ox (S5)		Iron-Manganese Masses (F12)
Black Histic (A3)		Stripped M			X Other (Explain in Remarks)
Hydrogen Sulfide (A4)			cky Mineral (F1)		
Stratified Layers (A5)			yed Matrix (F2)		
2 cm Muck (A10)		Depleted M			
Depleted Below Dark Su			k Surface (F6)		3
Thick Dark Surface (A12	•		ark Surface (F7)		³ Indicators of hydrophytic vegetation and
Sandy Mucky Mineral (S		Redox Dep	ressions (F8)		wetland hydrology must be present, unless disturbed or problematic.
5 cm Mucky Peat or Pea					unless disturbed or problematic.
_					
		_			
Type:					
Depth (inches):Remarks:		r, presence of obliga	te species, and (Hydric Soil Present? Yes X No
Depth (inches):Remarks:		r, presence of obliga	te species, and ເ		
Depth (inches):Remarks:		r, presence of obliga	te species, and (
Depth (inches):Remarks: Hydric soils were assumed d	lue to surface wate	r, presence of obliga	te species, and (
Depth (inches):	lue to surface water				
Depth (inches):	lue to surface water	check all that apply)		position.
Depth (inches):	lue to surface water) d Leaves (B9)		position. Secondary Indicators (minimum of two rec
Depth (inches): Remarks: Nydric soils were assumed of the control of the contro	lue to surface water	check all that apply X Water-Staine Aquatic Faun) d Leaves (B9) a (B13)		Secondary Indicators (minimum of two rec Surface Soil Cracks (B6) Drainage Patterns (B10)
Depth (inches): demarks: dydric soils were assumed of the control of the contro	lue to surface water	check all that apply X Water-Stained Aquatic Faun True Aquatic) d Leaves (B9) a (B13) Plants (B14)		Secondary Indicators (minimum of two rec Surface Soil Cracks (B6) Drainage Patterns (B10) Dry-Season Water Table (C2)
Depth (inches): Remarks: Rydric soils were assumed depth (inches): YDROLOGY Vetland Hydrology Indicate (inches): Young Indicators (inches): X Surface Water (A1) X High Water Table (A2) X Saturation (A3) Water Marks (B1)	ors: of one is required;	check all that apply X Water-Stained Aquatic Faun True Aquatic Hydrogen Sul) d Leaves (B9) a (B13) Plants (B14) fide Odor (C1)	geomorphic p	Secondary Indicators (minimum of two recomposition) Surface Soil Cracks (B6) Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8)
Depth (inches): Depth (inches): Demarks: Demarks: Demarks: Depth (inches): Demarks: Demar	ors: of one is required;	check all that apply X Water-Stained Aquatic Faun True Aquatic Hydrogen Sul Oxidized Rhiz) d Leaves (B9) a (B13) Plants (B14) fide Odor (C1) cospheres on Livi	geomorphic p	Secondary Indicators (minimum of two recomposition) Surface Soil Cracks (B6) Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (
Depth (inches):	ors: of one is required;	check all that apply X Water-Stainer Aquatic Faun True Aquatic Hydrogen Sul Oxidized Rhiz Presence of F) d Leaves (B9) a (B13) Plants (B14) fide Odor (C1) cospheres on Livi	geomorphic p	Secondary Indicators (minimum of two recomposition) Surface Soil Cracks (B6) Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (Stunted or Stressed Plants (D1)
Depth (inches):	ors: of one is required;	Check all that apply X Water-Stainer Aquatic Faun True Aquatic Hydrogen Sul Oxidized Rhiz Presence of F) d Leaves (B9) a (B13) Plants (B14) fide Odor (C1) cospheres on Livi Reduced Iron (C4	geomorphic p	Secondary Indicators (minimum of two recomposition) Surface Soil Cracks (B6) Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (Stunted or Stressed Plants (D1) K Geomorphic Position (D2)
Depth (inches): Remarks: Rydric soils were assumed of the soils were assumed as a soil were as	ors:	Check all that apply X Water-Staine Aquatic Faun True Aquatic Hydrogen Sul Oxidized Rhiz Presence of F Recent Iron F Thin Muck Su	d Leaves (B9) a (B13) Plants (B14) fide Odor (C1) cospheres on Livi Reduced Iron (C4 deduction in Tilled	geomorphic p	Secondary Indicators (minimum of two recomposition) Surface Soil Cracks (B6) Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (Stunted or Stressed Plants (D1)
Depth (inches): Remarks: Rydric soils were assumed of the control of the contro	ors: of one is required;	Check all that apply X Water-Stainer Aquatic Faun True Aquatic Hydrogen Sul Oxidized Rhiz Presence of F Recent Iron F Thin Muck Su Gauge or We) d Leaves (B9) a (B13) Plants (B14) fide Odor (C1) cospheres on Livi Reduced Iron (C4 deduction in Tilled rface (C7)	geomorphic p	Secondary Indicators (minimum of two recomposition) Surface Soil Cracks (B6) Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (Stunted or Stressed Plants (D1) K Geomorphic Position (D2)
Depth (inches):	ors: of one is required;	Check all that apply X Water-Stainer Aquatic Faun True Aquatic Hydrogen Sul Oxidized Rhiz Presence of F Recent Iron F Thin Muck Su Gauge or We) d Leaves (B9) a (B13) Plants (B14) fide Odor (C1) cospheres on Livi Reduced Iron (C4 deduction in Tilled rface (C7)	geomorphic p	Secondary Indicators (minimum of two recomposition) Surface Soil Cracks (B6) Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (Stunted or Stressed Plants (D1) K Geomorphic Position (D2)
Depth (inches): Remarks: Hydric soils were assumed of the control of the contro	ors: of one is required; erial Imagery (B7) acave Surface (B8)	Check all that apply X Water-Stainer Aquatic Faun True Aquatic Hydrogen Sul Oxidized Rhiz Presence of F Recent Iron F Thin Muck Su Gauge or We	d Leaves (B9) a (B13) Plants (B14) fide Odor (C1) cospheres on Livi Reduced Iron (C4) deduction in Tilled rface (C7) Il Data (D9) n in Remarks)	geomorphic p	Secondary Indicators (minimum of two recomposition) Surface Soil Cracks (B6) Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (Stunted or Stressed Plants (D1) K Geomorphic Position (D2)
Depth (inches):	ors: of one is required; erial Imagery (B7) neave Surface (B8) Yes X No	Check all that apply X Water-Stainer Aquatic Faun True Aquatic Hydrogen Sul Oxidized Rhiz Presence of F Recent Iron F Thin Muck Su Gauge or We Other (Explain	D Leaves (B9) a (B13) Plants (B14) fide Odor (C1) cospheres on Livi Reduced Iron (C4 deduction in Tilled rface (C7) II Data (D9) n in Remarks) s):	geomorphic p	Secondary Indicators (minimum of two recomposition) Surface Soil Cracks (B6) Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (Stunted or Stressed Plants (D1) K Geomorphic Position (D2)
Depth (inches): Remarks: Hydric soils were assumed of the primary Indicators (minimum of the primary indicators (minimu	ors: of one is required; erial Imagery (B7) ncave Surface (B8) Yes X No	Check all that apply X Water-Stainer Aquatic Faun True Aquatic Hydrogen Sul Oxidized Rhiz Presence of F Recent Iron F Thin Muck Su Gauge or We Other (Explain	d Leaves (B9) a (B13) Plants (B14) fide Odor (C1) cospheres on Livi Reduced Iron (C4 deduction in Tilled rface (C7) Il Data (D9) in in Remarks) s): 2-24 s): At Surface	geomorphic prints (Carlot)	Secondary Indicators (minimum of two recomposition) Surface Soil Cracks (B6) Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (Stunted or Stressed Plants (D1) X Geomorphic Position (D2) X FAC-Neutral Test (D5)
Depth (inches): Remarks: Hydric soils were assumed of the primary Indicators (minimum of the primary Indicators (minimu	ors: of one is required; erial Imagery (B7) ncave Surface (B8) Yes X No	Check all that apply X Water-Stainer Aquatic Faun True Aquatic Hydrogen Sul Oxidized Rhiz Presence of F Recent Iron F Thin Muck Su Gauge or We Other (Explain	d Leaves (B9) a (B13) Plants (B14) fide Odor (C1) cospheres on Livi Reduced Iron (C4 deduction in Tilled rface (C7) Il Data (D9) in in Remarks) s): 2-24 s): At Surface	geomorphic prints (Carlot)	Secondary Indicators (minimum of two recomposition) Surface Soil Cracks (B6) Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (Stunted or Stressed Plants (D1) K Geomorphic Position (D2)
Depth (inches): Remarks: Hydric soils were assumed of the primary Indicators (minimum X Surface Water (A1) X High Water Table (A2) X Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Ae Sparsely Vegetated Corfield Observations: Surface Water Present? Water Table Present? Saturation Present? includes capillary fringe)	ors: of one is required; orial Imagery (B7) ocave Surface (B8) Yes X No Yes X No Yes X No	Check all that apply X Water-Stainer Aquatic Faun True Aquatic Hydrogen Sul Oxidized Rhiz Presence of F Recent Iron F Thin Muck Su Gauge or We Other (Explain Depth (inched	D Leaves (B9) a (B13) Plants (B14) fide Odor (C1) cospheres on Livi Reduced Iron (C4 deduction in Tilled rface (C7) II Data (D9) n in Remarks) s): 2-24 s): At Surface s): At Surface	geomorphic prints (Calculus (Calculu	Secondary Indicators (minimum of two recomposition) Surface Soil Cracks (B6) Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (Stunted or Stressed Plants (D1) X Geomorphic Position (D2) X FAC-Neutral Test (D5)
Depth (inches): Remarks: Hydric soils were assumed of the primary Indicators (minimum X Surface Water (A1) X High Water Table (A2) X Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Inundation Visible on Ae Sparsely Vegetated Corfield Observations: Surface Water Present? Saturation Present? Saturation Present? Saturation Present? Saturation Present?	ors: of one is required; orial Imagery (B7) ocave Surface (B8) Yes X No Yes X No Yes X No	Check all that apply X Water-Stainer Aquatic Faun True Aquatic Hydrogen Sul Oxidized Rhiz Presence of F Recent Iron F Thin Muck Su Gauge or We Other (Explain Depth (inched	D Leaves (B9) a (B13) Plants (B14) fide Odor (C1) cospheres on Livi Reduced Iron (C4 deduction in Tilled rface (C7) II Data (D9) n in Remarks) s): 2-24 s): At Surface s): At Surface	geomorphic prints (Calculus (Calculu	Secondary Indicators (minimum of two recomposition) Surface Soil Cracks (B6) Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (Stunted or Stressed Plants (D1) X Geomorphic Position (D2) X FAC-Neutral Test (D5)
Depth (inches): Remarks: Hydric soils were assumed of the property of the position of the property of the pr	ors: of one is required; orial Imagery (B7) ocave Surface (B8) Yes X No Yes X No Yes X No	Check all that apply X Water-Stainer Aquatic Faun True Aquatic Hydrogen Sul Oxidized Rhiz Presence of F Recent Iron F Thin Muck Su Gauge or We Other (Explain Depth (inched	D Leaves (B9) a (B13) Plants (B14) fide Odor (C1) cospheres on Livi Reduced Iron (C4 deduction in Tilled rface (C7) II Data (D9) n in Remarks) s): 2-24 s): At Surface s): At Surface	geomorphic prints (Calculus (Calculu	Secondary Indicators (minimum of two recomposition) Surface Soil Cracks (B6) Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (Stunted or Stressed Plants (D1) X Geomorphic Position (D2) X FAC-Neutral Test (D5)
Depth (inches):	ors: of one is required; orial Imagery (B7) ocave Surface (B8) Yes X No Yes X No Yes X No	Check all that apply X Water-Stainer Aquatic Faun True Aquatic Hydrogen Sul Oxidized Rhiz Presence of F Recent Iron F Thin Muck Su Gauge or We Other (Explain Depth (inched	D Leaves (B9) a (B13) Plants (B14) fide Odor (C1) cospheres on Livi Reduced Iron (C4 deduction in Tilled rface (C7) II Data (D9) n in Remarks) s): 2-24 s): At Surface s): At Surface	geomorphic prints (Calculus (Calculu	Secondary Indicators (minimum of two recomposition) Surface Soil Cracks (B6) Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8) Saturation Visible on Aerial Imagery (Stunted or Stressed Plants (D1) X Geomorphic Position (D2) X FAC-Neutral Test (D5)

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WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: Eola Yard EA	(City/Coun	ty: DuPage C	County	Sampling Date: July 6, 2010
Applicant/Owner: Iowa DOT and Illinois DOT				State: IL	Sampling Point: 2
Investigator(s): J. Bartletti, R. Keith, and B. Baker	;	Section, T	ownship, Rar	nge: <u>Sec. 18/17, T38N,</u> F	R9E
Landform (hillslope, terrace, etc.): Railroad embankment				-	
Slope (%): Lat:				`	
Soil Map Unit Name: Drummer silty clay loam, 0 to 2 percent		_			assification: N/A
Are climatic / hydrologic conditions on the site typical for this					
Are Vegetation, Soil, or Hydrology sig					
Are Vegetation, Soil, or Hydrology na SUMMARY OF FINDINGS – Attach site map s				eded, explain any answe	
					, p ortaine routen co, etc.
Hydrophytic Vegetation Present? Yes No Hydric Soil Present? Yes No		Is t	the Sampled		
Wetland Hydrology Present? Yes No	×	wit	thin a Wetlan	d? Yes	No <u>X</u>
Remarks:					
The sampling point characterized by this data sheet upland the east end of the project limits.	o Samplin	g Point 2	and it the edo	ge of existing railroad trac	cks. Sampling point is located on
VEGETATION – Use scientific names of plants.					
			nt Indicator	Dominance Test work	sheet:
Tree Stratum (Plot size: 30 ft) 1			? Status	Number of Dominant Se That Are OBL, FACW, of	
2				Total Number of Domin Species Across All Stra	
4				Percent of Dominant Sp	pecies
		= Total C	over	I nat Are OBL, FACW, o	or FAC: 0 (A/B)
Sapling/Shrub Stratum (Plot size: 15 ft)		rotar o	0101	Prevalence Index wor	ksheet:
1				Total % Cover of:	
2					x 1 =0
3				FACW species	
4					x 3 =0
5) x 4 = 40 x 5 = 150
Herb Stratum (Plot size: 5 ft)		= Total C	over	Column Totals: 40	
1. Bromus inermis	20	Y	UPL	Column Totals	<u> </u>
2. Melilotus officinalis	10	Y	FACU	Prevalence Index	= B/A = <u>4.75</u>
3. Daucus pusillus	10	Y	UPL	Hydrophytic Vegetation	
4				Dominance Test is	
5				Prevalence Index is	
6		-			ptations ¹ (Provide supporting s or on a separate sheet)
7					phytic Vegetation ¹ (Explain)
8					prijus regetation (Explain)
9				¹ Indicators of hydric soi	I and wetland hydrology must
10				be present, unless distu	
Woody Vine Stratum (Plot size:)	40	= Total C	over		
1				Hydrophytic Vegetation	
2		= Total C	over		s No_X_
Remarks: (Include photo numbers here or on a separate sh	eet.)				
Dominate species were documented for the purposes of this	,	et, but a c	omplete inver	ntory of vegetation was co	ompleted for the FQI.

Profile Description: (Describe to the depth needed to document the indicator or confile Depth Matrix Redox Features (inches) Color (moist) % Color (moist) % Type¹ Loc²	,
Depth Matrix Redox Features (inches) Color (moist) % Color (moist) % Type¹ Loc²	Texture Remarks
Color (moist) 78 Color (moist) 78 Type Loc	Texture Internation
	<u> </u>
Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand	Grains. ² Location: PL=Pore Lining, M=Matrix.
ydric Soil Indicators:	Indicators for Problematic Hydric Soils ³ :
_ Histosol (A1) Sandy Gleyed Matrix (S4)	Coast Prairie Redox (A16)
_ Histic Epipedon (A2) Sandy Redox (S5)	Iron-Manganese Masses (F12)
Black Histic (A3) Stripped Matrix (S6)	Other (Explain in Remarks)
_ Hydrogen Sulfide (A4) Loamy Mucky Mineral (F1)	
Stratified Layers (A5) Loamy Gleyed Matrix (F2)	
2 cm Muck (A10) Depleted Matrix (F3)	
_ Depleted Below Dark Surface (A11) Redox Dark Surface (F6) Depleted Dark Surface (F7)	³ Indicators of hydrophytic vegetation and
Sandy Mucky Mineral (S1) — Redox Depressions (F8)	wetland hydrology must be present,
Sandy Macky Nineral (S1) Nedox Depressions (10)	unless disturbed or problematic.
estrictive Layer (if observed):	
Type: Railroad Ballast	
Depth (inches): At Surface	Hydric Soil Present? Yes No X
emarks:	Trydrio con Frederic. Fee Ro
etland area was to the edge of the railroad ballast, a restrictive layer that is not hydric.	
DROLOGY	
/etland Hydrology Indicators:	
rimary Indicators (minimum of one is required; check all that apply)	Secondary Indicators (minimum of two require
_ Surface Water (A1) Water-Stained Leaves (B9)	Surface Soil Cracks (B6)
High Water Table (A2) Aquatic Fauna (B13)	Drainage Patterns (B10)
_ Saturation (A3) True Aquatic Plants (B14)	Dry-Season Water Table (C2)
_ Water Marks (B1) Hydrogen Sulfide Odor (C1)	Crayfish Burrows (C8)
Sediment Deposits (B2) Oxidized Rhizospheres on Living Root	
_ Drift Deposits (B3) Presence of Reduced Iron (C4)	Stunted or Stressed Plants (D1)
_ Algal Mat or Crust (B4) Recent Iron Reduction in Tilled Soils (0	
_ Iron Deposits (B5)	FAC-Neutral Test (D5)
_ Inundation Visible on Aerial Imagery (B7) Gauge or Well Data (D9)	
_ Inundation Visible on Aerial Imagery (B7) Gauge or Well Data (D9) Sparsely Vegetated Concave Surface (B8) Other (Explain in Remarks)	
_ Inundation Visible on Aerial Imagery (B7) Gauge or Well Data (D9) _ Sparsely Vegetated Concave Surface (B8) Other (Explain in Remarks) eld Observations:	
_ Inundation Visible on Aerial Imagery (B7) Gauge or Well Data (D9) _ Sparsely Vegetated Concave Surface (B8) Other (Explain in Remarks) eld Observations: urface Water Present? Yes NoX Depth (inches): None	
Inundation Visible on Aerial Imagery (B7) Gauge or Well Data (D9) Sparsely Vegetated Concave Surface (B8) Other (Explain in Remarks) Seld Observations:	
Inundation Visible on Aerial Imagery (B7) Gauge or Well Data (D9) Sparsely Vegetated Concave Surface (B8) Other (Explain in Remarks) ield Observations: urface Water Present?	etland Hydrology Present? Yes NoX
Inundation Visible on Aerial Imagery (B7) Gauge or Well Data (D9) Sparsely Vegetated Concave Surface (B8) Other (Explain in Remarks) ield Observations: urface Water Present? Yes NoX Depth (inches): None Vater Table Present? Yes NoX Depth (inches): None	

Sampling point is characteristic of the edge of the existing railroad track, therefore wetland hydrology was not present.

Reset Form	Print Form
1 100001 01111	1 11116 1 01111

WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: Eola Yard EA	(City/County	/:_Kane Coι	unty Sampling Date: July 6, 2010
Applicant/Owner: Iowa DOT and Illinois DOT				State: IL Sampling Point: 3
Investigator(s): J. Bartletti, R. Keith, and B. Baker	;	Section, To	ownship, Ra	nge: Sec. 14/13, T38N, R8E
• , ,			·	(concave, convex, none): Concave
Slope (%): Lat:				·
		_		
Are climatic / hydrologic conditions on the site typical for this				
				'Normal Circumstances" present? Yes X No
Are Vegetation, Soil, or Hydrology sig				,
Are Vegetation, Soil, or Hydrology na SUMMARY OF FINDINGS - Attach site map s				eded, explain any answers in Remarks.) ocations, transects, important features, etc.
			9	,, p
Hydrophytic Vegetation Present? Yes X No Hydric Soil Present? Yes X No		ls ti	ne Sampled	Area
Wetland Hydrology Present? Yes X No		with	nin a Wetlaı	nd? Yes <u>X</u> No
Remarks:				
The sampling point characterized by this data sheet is linear fringe is associated with the linear waterway due to the pres				
VEGETATION – Use scientific names of plants.				
			Indicator	Dominance Test worksheet:
1				Number of Dominant Species That Are OBL, FACW, or FAC: (A)
2 3				Total Number of Dominant Species Across All Strata:3 (B)
4				Percent of Dominant Species
5				That Are OBL, FACW, or FAC: 67 (A/B)
Sapling/Shrub Stratum (Plot size:15 ft)		= Total Co	ver	Prevalence Index worksheet:
Sambucus canadensis	20	Υ	FACW+	Total % Cover of: Multiply by:
2.				OBL species x 1 =0
3.				FACW species x 2 =0
4.				FAC species x 3 =0
5				FACU species x 4 =0
	20	= Total Co	ver	UPL species x 5 =0
Herb Stratum (Plot size: 5 ft)		.,	= 1 0 1 1	Column Totals: (A) (B)
1. Phalaris arundinacea	00	<u>Y</u> Y	FACW+	Prevalence Index = B/A =0
2. Solidago canadensis			<u>FACU</u>	Hydrophytic Vegetation Indicators:
3				X Dominance Test is >50%
4 5				Prevalence Index is ≤3.0¹
6.				Morphological Adaptations ¹ (Provide supporting
7				data in Remarks or on a separate sheet)
8.				Problematic Hydrophytic Vegetation ¹ (Explain)
9				1
10				¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
	45	= Total Co	ver	, , , , , , , , , , , , , , , , , , ,
Woody Vine Stratum (Plot size:)				Hydrophytic
1			·	Vegetation
2		= Total Co	ver	Present? Yes <u>X</u> No
		10.61 00		
Remarks: (Include photo numbers here or on a separate sh	neet.)			
Dominant vegetation was noted for this data sheet, vegetation	on commu	nity was do	ocumented t	for FQI.

								Sampling Point: 3
Profile Des	cription: (Describe	to the dep	th needed to docu	ment the i	ndicator of	or confirm	the absence of	indicators.)
Depth	Matrix	0/		x Features	1	. 2	- .	5
(inches)	Color (moist)	%	Color (moist)	%	Type'	<u>Loc²</u>	Texture	Remarks
0-9	10YR 3/1	80	10YR 5/6		<u>C</u>	PL	Silt loam	
9-20	10YR 2/1	100					Silt loam	
¹ Type: C=C	concentration, D=Dep	oletion, RM	=Reduced Matrix, C	S=Covered	d or Coate	d Sand Gra	ains. ² Locati	on: PL=Pore Lining, M=Matrix.
	Indicators:							Problematic Hydric Soils ³ :
Histoso	l (A1)		Sandy	Gleyed Ma	trix (S4)		Coast Pra	iirie Redox (A16)
Histic E	pipedon (A2)		Sandy	Redox (S5)		Iron-Man	ganese Masses (F12)
	listic (A3)			d Matrix (S	,		Other (Ex	plain in Remarks)
	en Sulfide (A4)			Mucky Mir				
	d Layers (A5)			Gleyed Ma				
	uck (A10) ed Below Dark Surfac	oo (A11)		ed Matrix (f Dark Surfa	,			
	ark Surface (A12)	e (ATT)	X Deplete		` ,		³ Indicators of	hydrophytic vegetation and
	Mucky Mineral (S1)			Depression	, ,			ydrology must be present,
	ucky Peat or Peat (S	3)		_ op. 000.0.	()			sturbed or problematic.
Restrictive	Layer (if observed)	:						-
Type:								
Depth (in	iches):						Hydric Soil Pr	esent? Yes X No
Depth (in Remarks:	nches):						Hydric Soil Pr	esent? Yes X No
	nches):						Hydric Soil Pr	esent? Yes X No
Remarks:	·						Hydric Soil Pr	esent? Yes X No No
Remarks:	s previously disturbe		velopment of the rail	Iroad emba	ankments.		Hydric Soil Pr	esent? Yes <u>X</u> No
Remarks:	·		velopment of the rail	Iroad emba	ankments.		Hydric Soil Pr	esent? Yes <u>X</u> No
Remarks: Soil profile is	s previously disturbe		velopment of the rail	Iroad emba	ankments.		Hydric Soil Pr	esent? Yes <u>X</u> No
Remarks: Soil profile is	s previously disturbe		velopment of the rail	Iroad emba	ankments.		Hydric Soil Pr	esent? Yes <u>X</u> No
Remarks: Soil profile is	s previously disturbe	d due to de	velopment of the rail	Iroad emba	ankments.		Hydric Soil Pr	esent? Yes <u>X</u> No
Remarks: Soil profile is IYDROLO Wetland Hy	s previously disturbe	d due to de			ankments.			esent? Yes X No I
Remarks: Soil profile is IYDROLO Wetland Hy Primary Indi	s previously disturbe	d due to de		oply)			Secondary	
Remarks: Soil profile is IYDROLO Wetland Hy Primary Indi X Surface	s previously disturbe OGY rdrology Indicators cators (minimum of c	d due to de	red; check all that a	oply) ained Leave	es (B9)		Secondary Surface	Indicators (minimum of two required
Remarks: Soil profile is IYDROLO Wetland Hy Primary Indi X Surface	OGY rdrology Indicators cators (minimum of of Water (A1) ater Table (A2)	d due to de	red; check all that a	oply) ained Leave auna (B13)	es (B9)		Secondary Surface Draina	Indicators (minimum of two requiredes Soil Cracks (B6)
Remarks: Soil profile is IYDROLO Wetland Hy Primary Indi X Surface X High W. X Saturati Water M	oGY rdrology Indicators cators (minimum of of the Water (A1) ater Table (A2) ion (A3) Marks (B1)	d due to de	red; check all that a Water-Sta Aquatic Fa True Aqua	oply) ained Leave auna (B13)	es (B9)) (B14)		Secondary Surface Drainae Dry-Se	Indicators (minimum of two required e Soil Cracks (B6) ge Patterns (B10)
Remarks: Soil profile is IYDROLO Wetland Hy Primary Indi X Surface X High W. X Saturati Water M	oGY rdrology Indicators cators (minimum of of the Water (A1) ater Table (A2) ion (A3)	d due to de	red; check all that ap Water-Sta Aquatic Fa True Aqua Hydrogen	oply) nined Leavo auna (B13) atic Plants	es (B9)) (B14) dor (C1)	ng Roots (Secondary Surface Drainae Dry-Se Crayfis	Indicators (minimum of two required e Soil Cracks (B6) ge Patterns (B10) ason Water Table (C2)
Remarks: Soil profile is IYDROLO Wetland Hy Primary Indi X Surface X High W. X Saturati Water M Sedime Drift De	or water (A1) ater Table (A2) ion (A3) Marks (B1) int Deposits (B2) iposits (B3)	d due to de	red; check all that ap Water-Sta Aquatic Fa True Aqua Hydrogen Oxidized I Presence	oply) ained Leave auna (B13) atic Plants Sulfide Oc Rhizosphei	es (B9)) (B14) dor (C1) res on Livi	.)	Secondary Surface Drainae Dry-Se Crayfis C3) Saturae	Indicators (minimum of two required e Soil Cracks (B6) ge Patterns (B10) ason Water Table (C2) h Burrows (C8) ion Visible on Aerial Imagery (C9) d or Stressed Plants (D1)
Remarks: Soil profile is IYDROLO Wetland Hy Primary Indi X Surface X High W X Saturati Water N Sedime Drift De Algal M	or control of the con	d due to de	red; check all that an Water-Sta Aquatic Fa True Aqua Hydrogen Oxidized I Presence Recent Iro	oply) ained Leave auna (B13) atic Plants Sulfide Oc Rhizosphe of Reduce on Reduction	es (B9)) (B14) dor (C1) res on Livi od Iron (C4 on in Tilled	.)	Secondary Surface Drainae Dry-Se Crayfis Saturae Stuntee	Indicators (minimum of two required e Soil Cracks (B6) ge Patterns (B10) ason Water Table (C2) h Burrows (C8) ion Visible on Aerial Imagery (C9) d or Stressed Plants (D1) irphic Position (D2)
Remarks: Soil profile is IYDROLO Wetland Hy Primary Indi X Surface X High W. X Saturati Water M. Sedime Drift De Algal M. Iron De	oGY rdrology Indicators cators (minimum of of the Water (A1) ater Table (A2) ion (A3) Marks (B1) int Deposits (B2) posits (B3) at or Crust (B4) posits (B5)	d due to de	red; check all that and the second se	oply) ained Leave auna (B13) atic Plants Sulfide Oc Rhizospher of Reduce on Reductic	es (B9)) (B14) dor (C1) res on Livi d Iron (C4 on in Tilleo	.)	Secondary Surface Drainae Dry-Se Crayfis Saturae Stuntee	Indicators (minimum of two required e Soil Cracks (B6) ge Patterns (B10) ason Water Table (C2) h Burrows (C8) ion Visible on Aerial Imagery (C9) d or Stressed Plants (D1)
Remarks: Soil profile is IYDROLO Wetland Hy Primary Indi X Surface X High W X Saturati Water M Sedime Drift De Algal M Iron De Inundat	or Crust (B4) posits (B5) ion Visible on Aerial	d due to de	red; check all that and Water-State Maquatic Factor True Aquatic Factor Hydrogen Oxidized Incomplete Recent Incomplete	oply) sined Leave auna (B13) atic Plants Sulfide Oc Rhizosphe of Reduce on Reduction c Surface (Well Data	es (B9)) (B14) dor (C1) res on Livi d Iron (C4 on in Tilleo C7) (D9)	.)	Secondary Surface Drainae Dry-Se Crayfis Saturae Stuntee	Indicators (minimum of two required e Soil Cracks (B6) ge Patterns (B10) ason Water Table (C2) h Burrows (C8) ion Visible on Aerial Imagery (C9) d or Stressed Plants (D1) irphic Position (D2)
Remarks: Soil profile is IYDROLO Wetland Hy Primary Indi X Surface X High W. X Saturati Water M Sedime Drift De Algal M Iron De Inundat Sparsel	or Crust (B4) posits (B5) ion Visible on Aerial by Vegetated Concav	d due to de	red; check all that and Water-State Maquatic Factor True Aquatic Factor Hydrogen Oxidized Incomplete Recent Incomplete	oply) ained Leave auna (B13) atic Plants Sulfide Oc Rhizospher of Reduce on Reductic	es (B9)) (B14) dor (C1) res on Livi d Iron (C4 on in Tilleo C7) (D9)	.)	Secondary Surface Drainae Dry-Se Crayfis Saturae Stuntee	Indicators (minimum of two required e Soil Cracks (B6) ge Patterns (B10) ason Water Table (C2) h Burrows (C8) ion Visible on Aerial Imagery (C9) d or Stressed Plants (D1) irphic Position (D2)
Remarks: Soil profile is IYDROLO Wetland Hy Primary Indi X Surface X High W X Saturati Water M Sedime Drift De Algal M Iron De Inundat Sparsel	or Crust (B4) posits (B5) ion Visible on Aerial by Vegetated Concavervations:	d due to de	red; check all that ap — Water-Sta — Aquatic Fa — True Aqua — Hydrogen — Oxidized I — Presence — Recent Iro — Thin Muck 7) — Gauge or B8) — Other (Ex	oply) ained Leave auna (B13) atic Plants Sulfide Oc Rhizosphe of Reduce on Reduction C Surface (Well Data plain in Re	es (B9)) (B14) dor (C1) res on Livi red Iron (C4 on in Tilled C7) (D9) marks)	.)	Secondary Surface Drainae Dry-Se Crayfis Saturae Stuntee	Indicators (minimum of two required e Soil Cracks (B6) ge Patterns (B10) ason Water Table (C2) h Burrows (C8) ion Visible on Aerial Imagery (C9) d or Stressed Plants (D1) irphic Position (D2)
Soil profile is IYDROLO Wetland Hy Primary Indi X Surface X High W X Saturati Water M Sedime Drift De Algal M Iron De Inundat Sparsel	s previously disturbe OGY Indrology Indicators Cators (minimum of or Water (A1) ater Table (A2) ion (A3) Marks (B1) Int Deposits (B2) posits (B3) at or Crust (B4) posits (B5) ion Visible on Aerial by Vegetated Concavervations: ter Present?	d due to de	red; check all that ap — Water-Sta — Aquatic Fa — True Aqua — Hydrogen — Oxidized I — Presence — Recent Iro — Thin Muck 7) — Gauge or B8) — Other (Ex	oply) ained Leave auna (B13) atic Plants Sulfide Oc Rhizospher of Reduce on Reduction Surface (Well Data plain in Re	es (B9)) (B14) dor (C1) res on Livi d Iron (C4 on in Tilleo C7) (D9)	.)	Secondary Surface Drainae Dry-Se Crayfis Saturae Stuntee	Indicators (minimum of two required e Soil Cracks (B6) ge Patterns (B10) ason Water Table (C2) h Burrows (C8) ion Visible on Aerial Imagery (C9) d or Stressed Plants (D1) irphic Position (D2)
Soil profile is IYDROLO Wetland Hy Primary Indi X Surface X High W X Saturati Water M Sedime Drift De Algal M Iron De Inundat Sparsel	oGY rdrology Indicators cators (minimum of of other cators (minimum of	Imagery (Bre Surface (red; check all that ap — Water-Sta — Aquatic Fa — True Aqua — Hydrogen — Oxidized I — Presence — Recent Iro — Thin Muck 7) — Gauge or B8) — Other (Ex	oply) ained Leave auna (B13) atic Plants Sulfide Oc Rhizospher of Reduce on Reductic Surface (Well Data plain in Re	es (B9)) (B14) dor (C1) res on Livi d Iron (C4 on in Tilled C7) (D9) marks) 3-4 9	.)	Secondary Surface Drainae Dry-Se Crayfis Saturae Stuntee	Indicators (minimum of two required e Soil Cracks (B6) ge Patterns (B10) ason Water Table (C2) h Burrows (C8) ion Visible on Aerial Imagery (C9) d or Stressed Plants (D1) irphic Position (D2)

(includes capillary fringe)

Remarks:

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Channels convey hydrology through rail yard from west to eastern end, along the main tracks.

Reset Form 1 Fillit Form	Reset Form	Print Form
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WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: Eola Yard EA	Ci	ty/County:	Kane Cou	nty	Sampling Date: _	July 6, 2010
Applicant/Owner: Iowa DOT and Illinois DOT				State: IL	Sampling Point:	4
Investigator(s): J. Bartletti, R. Keith, and B. Baker						
Landform (hillslope, terrace, etc.): Ditch between two main rail line						
Slope (%): Lat:	Lo	ng:			Datum:	
Soil Map Unit Name: Orthents, clayey, undulating					lassification: N/A	
Are climatic / hydrologic conditions on the site typical for this time of	of vear	? Yes	No	X (If no. explain in R	.emarks.)	
Are Vegetation, Soil, or Hydrology signification	-			Normal Circumstances" p	,	< _ No
Are Vegetation, Soil, or Hydrology naturall				eded, explain any answe		
SUMMARY OF FINDINGS – Attach site map show	ving s	ampling	g point lo	ocations, transects	, important fe	atures, etc.
Hydrophytic Vegetation Present? Yes No _X	(
Hydric Soil Present? Yes No X			Sampled		No. Y	
Wetland Hydrology Present? Yes NoX	<u> </u>	withi	n a Wetlan	ar res	No <u>X</u> _	-
Remarks:						
The sampling point characterized by this data sheet is upland to setween two main rail tracks.	Samplir	ng Point 3.	Area is or	n west side of Sampling F	oint 3 located with	nin ditch area
VEGETATION – Use scientific names of plants.						
		Dominant		Dominance Test work	sheet:	
Tree Stratum (Plot size:) % Co 1		Species?		Number of Dominant S That Are OBL, FACW,		(A)
2				Total Number of Domin	ant	
3				Species Across All Stra		(B)
4				Percent of Dominant Sp		
5		Total Cov		That Are OBL, FACW,	or FAC: 50	(A/B)
Sapling/Shrub Stratum (Plot size:)		Total Cov	er	Prevalence Index wor	ksheet:	
1				Total % Cover of:	Multiph	y by:
2				OBL species	x 1 =	0
3				FACW species10		
4				FAC species70		
5				FACU species20		
Heath Charles (Diet sine)	=	Total Cov	er		x 5 =	0
Herb Stratum (Plot size: 5 ft) 1. Poa pratensis 6	60	Υ	FAC-	Column Totals: 10	<u>0</u> (A)	310 (B)
	<u>.</u> .0	Y	FACU+	Prevalence Index	= B/A = 3.	10
	0	 N	FAC+	Hydrophytic Vegetation		
-	0	N	FACW+	Dominance Test is		
5.				Prevalence Index is	s ≤3.0 ¹	
6.				Morphological Ada		
7.					s or on a separate	,
8				Problematic Hydro	phytic Vegetation	(Explain)
9				1		
10				¹ Indicators of hydric soi be present, unless dist		
	= 00	Total Cov	er	<u> </u>	·	
Woody Vine Stratum (Plot size:)				Hydrophytic		
1				Vegetation		
2		Total Cov	er	Present? Ye	s No	<u>×</u>
Domorko: (Include photo numbers have a server a server)						
Remarks: (Include photo numbers here or on a separate sheet.))					
The area failed to display dominant hydrophytes.						

SOIL Sampling Point: 4

	<u>latrix</u>	Redox Features		
(inches) Color (m		Color (moist) % Type ¹	Loc ² Texture Remarks	
0-6 10YR	3/1 100		Silt loam	
				
Type: C=Concentration.	D=Depletion, RM	=Reduced Matrix, CS=Covered or Coated	Sand Grains. ² Location: PL=Pore Lining, M=Mat	rix.
Hydric Soil Indicators:			Indicators for Problematic Hydric Soils	
Histosol (A1)		Sandy Gleyed Matrix (S4)	Coast Prairie Redox (A16)	
Histic Epipedon (A2)		Sandy Redox (S5)	Iron-Manganese Masses (F12)	
Black Histic (A3)		Stripped Matrix (S6)	Other (Explain in Remarks)	
Hydrogen Sulfide (A4	.)	Loamy Mucky Mineral (F1)		
Stratified Layers (A5)		Loamy Gleyed Matrix (F2)		
2 cm Muck (A10)		Depleted Matrix (F3)		
Depleted Below Dark		Redox Dark Surface (F6)	31 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Thick Dark Surface (•	Depleted Dark Surface (F7)	³ Indicators of hydrophytic vegetation and	
Sandy Mucky Minera5 cm Mucky Peat or		Redox Depressions (F8)	wetland hydrology must be present, unless disturbed or problematic.	
Restrictive Layer (if obs			unless disturbed of problematic.	
Type: Ballast	o. vou).			
Depth (inches): 6			Hydric Soil Present? Yes No	×
Remarks:	l ballast, was pres	sent to the entire soil profile could not be of		
Remarks: A restrictive layer, railroad	l ballast, was pres	sent to the entire soil profile could not be ol		
Remarks:		sent to the entire soil profile could not be ob		
Remarks: A restrictive layer, railroad YDROLOGY Wetland Hydrology Indi	cators:	sent to the entire soil profile could not be of		
Remarks: A restrictive layer, railroad YDROLOGY Wetland Hydrology Indi	cators:	ired; check all that apply)	Secondary Indicators (minimum of two r	
Remarks: A restrictive layer, railroad YDROLOGY Wetland Hydrology Indi Primary Indicators (minim	cators: um of one is requ		oserved.	
Remarks: A restrictive layer, railroad YDROLOGY Wetland Hydrology Indi Primary Indicators (minim Surface Water (A1)	cators: um of one is requ	ired; check all that apply) Water-Stained Leaves (B9) Aquatic Fauna (B13)	Secondary Indicators (minimum of two r Surface Soil Cracks (B6) Drainage Patterns (B10)	
Primary Indicators (Minimum, Surface Water (A1) High Water Table (A2) Saturation (A3)	cators: um of one is requ	ired; check all that apply) Water-Stained Leaves (B9) Aquatic Fauna (B13) True Aquatic Plants (B14)	Secondary Indicators (minimum of two r	
Remarks: A restrictive layer, railroad YDROLOGY Wetland Hydrology Indi Primary Indicators (minim Surface Water (A1) High Water Table (A2)	cators: um of one is requ	ired; check all that apply) Water-Stained Leaves (B9) Aquatic Fauna (B13)	Secondary Indicators (minimum of two r Surface Soil Cracks (B6) Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8)	required
YDROLOGY Wetland Hydrology Indi Primary Indicators (minim Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1)	cators: um of one is requ	ired; check all that apply) Water-Stained Leaves (B9) Aquatic Fauna (B13) True Aquatic Plants (B14) Hydrogen Sulfide Odor (C1)	Secondary Indicators (minimum of two r Surface Soil Cracks (B6) Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8) g Roots (C3) Saturation Visible on Aerial Imagery	required
Primary Indicators (minim Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B	cators: um of one is requ	ired; check all that apply) Water-Stained Leaves (B9) Aquatic Fauna (B13) True Aquatic Plants (B14) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Livin	Secondary Indicators (minimum of two r Surface Soil Cracks (B6) Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8) g Roots (C3) Saturation Visible on Aerial Imagery Stunted or Stressed Plants (D1)	required
Print Deposits (B3) Remarks: YDROLOGY Wetland Hydrology Indi Primary Indicators (minim Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B3)	cators: um of one is requ	ired; check all that apply) Water-Stained Leaves (B9) Aquatic Fauna (B13) True Aquatic Plants (B14) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Livin Presence of Reduced Iron (C4)	Secondary Indicators (minimum of two r Surface Soil Cracks (B6) Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8) g Roots (C3) Saturation Visible on Aerial Imagery Stunted or Stressed Plants (D1)	required
YDROLOGY Wetland Hydrology Indi Primary Indicators (minim Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B3) Algal Mat or Crust (B	cators: um of one is requ 2) 32)	ired; check all that apply) Water-Stained Leaves (B9) Aquatic Fauna (B13) True Aquatic Plants (B14) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Livin Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Thin Muck Surface (C7)	Secondary Indicators (minimum of two r Surface Soil Cracks (B6) Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8) g Roots (C3) Saturation Visible on Aerial Imagery Stunted or Stressed Plants (D1) Soils (C6) Geomorphic Position (D2)	required
YDROLOGY Wetland Hydrology Indi Primary Indicators (minim Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B3) Algal Mat or Crust (B	cators: um of one is requ 2) 32) 4) Aerial Imagery (B	ired; check all that apply) Water-Stained Leaves (B9) Aquatic Fauna (B13) True Aquatic Plants (B14) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Livin Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Thin Muck Surface (C7) Gauge or Well Data (D9)	Secondary Indicators (minimum of two r Surface Soil Cracks (B6) Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8) g Roots (C3) Saturation Visible on Aerial Imagery Stunted or Stressed Plants (D1) Soils (C6) Geomorphic Position (D2)	required
YDROLOGY Wetland Hydrology Indi Primary Indicators (minim Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B3) Algal Mat or Crust (B Iron Deposits (B5) Inundation Visible on	cators: um of one is requ 2) 32) 4) Aerial Imagery (B	ired; check all that apply) Water-Stained Leaves (B9) Aquatic Fauna (B13) True Aquatic Plants (B14) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Livin Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Thin Muck Surface (C7) Gauge or Well Data (D9)	Secondary Indicators (minimum of two r Surface Soil Cracks (B6) Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8) g Roots (C3) Saturation Visible on Aerial Imagery Stunted or Stressed Plants (D1) Soils (C6) Geomorphic Position (D2)	required
Primary Indicators (minimal Saturation (A3) Water Marks (B1) Sediment Deposits (B3) Algal Mat or Crust (B5) Inundation Visible on Sparsely Vegetated (A2)	cators: um of one is requ 2) 32) 4) Aerial Imagery (B	ired; check all that apply) Water-Stained Leaves (B9) Aquatic Fauna (B13) True Aquatic Plants (B14) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Livin Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Thin Muck Surface (C7) Gauge or Well Data (D9)	Secondary Indicators (minimum of two r Surface Soil Cracks (B6) Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8) g Roots (C3) Saturation Visible on Aerial Imagery Stunted or Stressed Plants (D1) Soils (C6) Geomorphic Position (D2)	required
Primary Indicators (minimary I	cators: um of one is requ 2) 32) 4) Aerial Imagery (B	ired; check all that apply) — Water-Stained Leaves (B9) — Aquatic Fauna (B13) — True Aquatic Plants (B14) — Hydrogen Sulfide Odor (C1) — Oxidized Rhizospheres on Livin — Presence of Reduced Iron (C4) — Recent Iron Reduction in Tilled — Thin Muck Surface (C7) 67) — Gauge or Well Data (D9) (B8) — Other (Explain in Remarks)	Secondary Indicators (minimum of two r Surface Soil Cracks (B6) Drainage Patterns (B10) Dry-Season Water Table (C2) Crayfish Burrows (C8) g Roots (C3) Saturation Visible on Aerial Imagery Stunted or Stressed Plants (D1) Soils (C6) Geomorphic Position (D2)	required
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Print Deposits (B) Iron Deposits (B) Iron Deposits (B5) Inundation Visible on Sparsely Vegetated (Field Observations: Surface Water Present? Saturation Present? Saturation Present? Saturation Present? Saturation Present? Sincludes capillary fringe)	cators: um of one is requ 2) 32) 4) Aerial Imagery (E Concave Surface (Yes Yes Yes	ired; check all that apply) Water-Stained Leaves (B9) Aquatic Fauna (B13) True Aquatic Plants (B14) Hydrogen Sulfide Odor (C1) Oxidized Rhizospheres on Livin Presence of Reduced Iron (C4) Recent Iron Reduction in Tilled Thin Muck Surface (C7) Gauge or Well Data (D9) (B8) Other (Explain in Remarks) No X Depth (inches): None No X Depth (inches): None	Secondary Indicators (minimum of two real surface Soil Cracks (B6) — Drainage Patterns (B10) — Dry-Season Water Table (C2) — Crayfish Burrows (C8) g Roots (C3) — Saturation Visible on Aerial Imagery — Stunted or Stressed Plants (D1) Soils (C6) — Geomorphic Position (D2) — FAC-Neutral Test (D5) Wetland Hydrology Present? Yes No	required y (C9)
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WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: Eola Yard EA	c	City/County	Kane Cou	unty Sampling Date: July 6, 2010
Applicant/Owner: Iowa DOT and Illinois DOT				State: IL Sampling Point: 5
Investigator(s): J. Bartletti, R. Keith, and B. Baker				
Landform (hillslope, terrace, etc.): Drainageway				
Slope (%): Lat:				
Soil Map Unit Name: Milford silty clay loam, 0 to 2 percent slo				
Are climatic / hydrologic conditions on the site typical for this t				
				Normal Circumstances" present? Yes X No
Are Vegetation, Soil, or Hydrology sig				
Are Vegetation, Soil, or Hydrology nat SUMMARY OF FINDINGS - Attach site map sl				eded, explain any answers in Remarks.) ocations, transects, important features, etc.
			9 0	,,,,,,,,,,
Hydrophytic Vegetation Present? Yes X No Hydric Soil Present? Yes X No		Is th	e Sampled	Area
Wetland Hydrology Present? Yes X No		with	in a Wetlar	nd? Yes X No
Remarks:				
The sampling point characterized by this data sheet is linear hydrology, and assumed hydric soils.	waterway	with assoc	iated riparia	an buffer due to the presence of hydrophytic vegetation,
VEGETATION – Use scientific names of plants.				
		Dominant		Dominance Test worksheet:
,		Species?		Number of Dominant Species
1. Fraxinus pennsylvanica	20	<u>Y</u> Y		That Are OBL, FACW, or FAC:5 (A)
2. Acer saccharinum 3			FACW	Total Number of Dominant Species Across All Strata: 5 (B)
4				Percent of Dominant Species
5				That Are OBL, FACW, or FAC:100 (A/B)
Sapling/Shrub Stratum (Plot size:15 ft)	40 =	= Total Cov	er	Prevalence Index worksheet:
1. Fraxinus pennyslvanica	10	Y	FACW	Total % Cover of: Multiply by:
2. Sambucus canadensis		Y	FACW-	OBL species x 1 =0
3				FACW species x 2 =0
4	_			FAC species x 3 =0
5				FACU species x 4 =0
Herb Stratum (Plot size: 5 ft)	20 =	= Total Cov	er	UPL species x 5 =0
1. Phalaris arundinacea	20	Υ	FACW+	Column Totals: (A) (B)
2				Prevalence Index = B/A =0
3.				Hydrophytic Vegetation Indicators:
4.				X Dominance Test is >50%
5				Prevalence Index is ≤3.0 ¹
6				Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)
7				Problematic Hydrophytic Vegetation ¹ (Explain)
8				robernatic rivatophytic vegetation (Explain)
9				¹ Indicators of hydric soil and wetland hydrology must
10				be present, unless disturbed or problematic.
Woody Vine Stratum (Plot size:)	20 =	= Total Cov	er	
1				Hydrophytic
2				Vegetation Present? Yes X No
		= Total Cov	er	165 <u>X</u> NO
Remarks: (Include photo numbers here or on a separate sh	ieet.)			
on the separate of	/			
Dominate species were documented for the purposes of this	data shee	et, but a cor	nplete inve	ntory of vegetation was completed for the FQI.

(" -		(- (l					di t	Sampling Point: 5	
	cription: (Describe	to the dept			cator o	confirm	the absence	e of indicators.)	
Depth	<u>Matrix</u> Color (moist)	%	Redo Color (moist)	x Features % T	vpe ¹	Loc²	Texture	Remarks	
inches)	Color (moist)		Color (moist)	<u> 70 I</u>	ype	LOC	rexture	Remarks	
		· ——							
		-							
	Concentration, D=Dep	letion, RM=	Reduced Matrix, CS	S=Covered or	Coated	Sand Gra		cation: PL=Pore Lining, M=Matrix.	
dric Soil	Indicators:						Indicators	for Problematic Hydric Soils ³ :	
_ Histoso	` '			Gleyed Matrix	(S4)			Prairie Redox (A16)	
	pipedon (A2)			Redox (S5)				Manganese Masses (F12)	
	listic (A3) en Sulfide (A4)			d Matrix (S6) Mucky Minera	al (F1)		X Other	(Explain in Remarks)	
	ed Layers (A5)			Gleyed Matrix					
	uck (A10)			ed Matrix (F3)	()				
_ Deplete	ed Below Dark Surface	e (A11)	Redox I	Dark Surface	(F6)				
_	ark Surface (A12)			ed Dark Surfac	. ,		³ Indicators of hydrophytic vegetation and		
	Mucky Mineral (S1)	2)	Redox I	Depressions (F8)		wetland hydrology must be present, unless disturbed or problematic.		
	ucky Peat or Peat (S3 Layer (if observed):						uniess	s disturbed or problematic.	
Type:	Layer (ii observed).								
	nchee).		<u> </u>				Hydric Soil	I Present? Yes X No	
Depth (ir	nches):						Hydric Soil	Present? Yes X No	
Depth (ir	nches):		_				Hydric Soil	I Present? Yes X No	
Depth (ir emarks:	·	inundation	and geometric p	osition Intern	nittont o	room boo		I Present? Yes X No	
Depth (ir emarks:	were assumed due to	o inundation	and geomorphic po	osition. Intern	nittent si	ream bec		I Present? Yes <u>X</u> No	
Depth (ir	·	o inundation	and geomorphic po	osition. Intern	nittent si	ream bed		I Present? Yes <u>X</u> No	
Depth (ir emarks: vdric soils	were assumed due to) inundation	and geomorphic po	osition. Intern	nittent s	ream bed		I Present? Yes <u>X</u> No <u> </u>	
Depth (in permarks: vdric soils	were assumed due to OGY /drology Indicators:				nittent si	ream bed	l was cobble.		
Depth (in emarks: ydric soils DROLC etland Hydrimary Ind	were assumed due to OGY /drology Indicators: icators (minimum of o		ed; check all that ap	oply)		ream bed	I was cobble.	ary Indicators (minimum of two requi	
Depth (in permarks: Ordric soils Ordric soils Ordric soils Ordric soils Ordric soils	OGY /drology Indicators: icators (minimum of o		ed; check all that ar	oply) ined Leaves (ream bed	I was cobble. Seconda Sur	ary Indicators (minimum of two requi face Soil Cracks (B6)	
Depth (in permarks: Addric soils Addric so	were assumed due to OGY /drology Indicators: icators (minimum of o		ed; check all that ap Water-Sta Aquatic Fa	oply) ined Leaves (auna (B13)	(B9)	ream bed	Second: Sur Dra	ary Indicators (minimum of two requi face Soil Cracks (B6) inage Patterns (B10)	
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Linear waterway with a wetted width of approximately 15 feet wide, and a depth of flowing water less than 12 inches. Waterway is a intermittent stream that flows east to west. This data form documents a portion of Indian Creek, that crosses beneath the rail tracks from south to north.

Remarks:

Attachment C- Photo Log



Sampling Point 1 – Wetland Area 1 located on the in the southeastern portion of the survey limits for the Project. Looking north.



Sampling Point 1 – Wetland Area 1 located on the in the southeastern portion of the survey limits for the Project. Looking north.



Sampling Point 1 and 2 – Sampling points on the south side of Wetland Area 1. Looking west.



Sampling Point 3 – Drainage 1 was represented by Sampling Point 3 and flows east to west through the Eola Rail Yard. Looking east.

Attachments Technical Memo



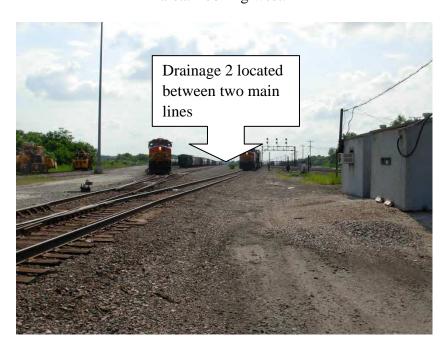
Sampling Point 3 – Sampling points on the south side of Drainage 1. Looking west.



Drainage 1 – Segment of Drainage 1 located east of Sampling Point 3 area. Looking west.



Drainage 1 – Segment of Drainage 1 east of Sampling Point 3 area. Looking west.



Drainage 2 – Linear drainage with associated wetland fringe. Looking west.

Attachments Technical Memo



Drainage 3 – Linear drainage that is located along the southern portion of the survey limits. Looking west.



Sampling Point 5 – Drainage 3 (Indian Creek) located on the in the southwestern portion of the survey limits for the Project. Looking north.



Sampling Point 5 – Drainage 3 (Indian Creek) located on the in the southwestern portion of the survey limits for the Project.

Looking south



Wetland Area 2 – Erosion feature located on northwest side of the survey limits conveying stormwater runoff. Looking east.

Attachments Technical Memo

Attachment D- FQI

Site: Wetland area 1

Locale: Between main tracks and spur line

Date: July 06, 2010 1 hours

By: JLB

File: c:\DOCUME~1\jbartlet\Desktop\FQA\studies\Eola_Wetland_1.inv

21 NA 28 7 2.0 NA 1.5 V 9.4 NA 8.1 V -1.2 NA -0.6 V	TIC QUALITY DATA ATIVE SPECIES Fotal Species ATIVE MEAN C N/Adventives ATIVE FQI N/Adventives ATIVE MEAN W N/Adventives aculative (+)	Native Tree Shrub W-Vine H-Vine P-Forb B-Forb A-Forb P-Grass A-Grass P-Sedge A-Sedge Fern	7 2 1 0 5	75.0% 25.0% 7.1% 3.6% 0.0% 17.9% 3.6% 17.9% 0.0% 0.0% 0.0%	Adven Tree Shrub W-Vin H-Vin P-For A-For P-Gra A-Gra P-Sed A-Sed	0 1 e 0 0 e 0 0 b 1 b 3 b 0 0 ss 2 ss 0 ge 0	25.0% 0.0% 3.6% 0.0% 0.0% 3.6% 10.7% 0.0% 7.1% 0.0% 0.0% 0.0%
ACRONYM	C SCIENTIFIC NAME			W	WETNESS	PHYSIOGNOM	COMMON NAME
ACENEG	1 Acer negundo			-2	FACW-	Nt Tree	BOXELDER
ACESAI	1 Acer saccharinum			-3	FACW	Nt Tree	SILVER MAPLE
AMARUD	0 Amaranthus rudis			-3	FACW	Nt A-Forb	TAMARISK WATERHEMP
AMBART	0 Ambrosia artemisii	folia		3	FACU	Nt A-Forb	COMMON RAGWEED
APOCAN	2 Apocynum cannabinum	m		0	FAC	Nt P-Forb	DOGBANE
ARCMIN	0 ARCTIUM MINUS			5	UPL	Ad B-Forb	COMMON BURDOCK
CONCAN	0 Conyza canadensis			1	FAC-	Nt A-Forb	HORSEWEED
DAUCAR	0 DAUCUS CAROTA			4	FACU-	Ad B-Forb	QUEEN ANNE'S LACE
EUPSER	1 Eupatorium serotin	um		-1	FAC+	Nt P-Forb	LATE BONESET
FRAPES	2 Fraxinus pennsylva	nica v. subir	ntegerrim	a -3	FACW	Nt Tree	GREEN ASH
GEUVER	1 Geum vernum			1	FAC-	Nt P-Forb	SPRING AVENS
GLETRI	2 Gleditsia triacant	hos		0	FAC	Nt Tree	HONEY LOCUST
HORJUB	0 HORDEUM JUBATUM			-1	FAC+	Ad P-Grass	SQUIRREL-TAIL GRASS
IMPCAP	2 Impatiens capensis			-3	FACW	Nt A-Forb	SPOTTED TOUCH-ME-NOT
LEMMIR	3 Lemna minor			-5	OBL	Nt A-Forb	SMALL DUCKWEED
LYSLAN	6 Lysimachia lanceol	ata		0	FAC	Nt P-Forb	LANCE-LEAVED LOOSESTRIFE
MELOFC	0 MELILOTUS OFFICINA	LIS		3	FACU	Ad B-Forb	YELLOW SWEET CLOVER
OENBIB	1 Oenothera biennis			3	FACU	Nt B-Forb	COMMON EVENING PRIMROSE
PHAARU	0 PHALARIS ARUNDINAC	EA		-4	FACW+	Ad P-Grass	REED CANARY GRASS
POPDEL	2 Populus deltoides			-1	FAC+	Nt Tree	EASTERN COTTONWOOD
RHACAT	0 RHAMNUS CATHARTICA			3	FACU	Ad Shrub	COMMON BUCKTHORN
RUBSTR	6 Rubus strigosus			-2	FACW-	Nt P-Forb	RED RASPBERRY
RUMCRP	0 RUMEX CRISPUS			-1	FAC+	Ad P-Forb	CURLY DOCK
SALEXI	1 Salix exigua			-5	OBL	Nt Shrub	SANDBAR WILLOW
SALNIG	3 Salix nigra			- 5	OBL	Nt Tree	BLACK WILLOW
SAMCAN	2 Sambucus canadensi	s		4	FACU-	Nt Shrub	COMMON ELDER

ULMAME 5 Ulmus americana -2 FACW- Nt Tree AMERICAN ELM
VITRIP 2 Vitis riparia -2 FACW- Nt W-Vine RIVERVBANK GRAPE

Site: Sampling Point 3
Locale: Drainage 1 and 2
Date: July 06, 2010 1 hours
By: JLB
File: c:\DOCUME~1\jbartlet\Desktop\FQA\studies\Eola_Drainage_1_2.inv

FLORISTIC QUALITY DATA Native 45 80.4% Adventive 11 19.6%

45 1 56 2.5 1 2.0 16.7 1 15.0 -1.6 1	NATIVE SPECIES Total Species JATIVE MEAN C W/Adventives JATIVE FQI W/Adventives JATIVE MEAN W W/Adventives Fac. Wetland (-)	Tree Shrub W-Vine H-Vine P-Forb B-Forb A-Forb P-Grass	6 2 3 0 2 0 2 4 3 0 3 0 2 2	3.6% 5.4% 0.0% 35.7% 3.6% 7.1% 5.4% 0.0% 5.4% 0.0% 3.6%	Tree Shrub W-Vin H-Vin P-For B-For A-For P-Gra A-Gra P-Sed	1 e 1 e 0 b 2 b 4 b 0 0 ss 2 ss 1	0.0% 3.6% 7.1% 0.0% 3.6% 1.8%
ACRONYM	C SCIENTIFIC NAME			M	WETNESS	PHYSIOGNOMY	COMMON NAME
ACENEG	1 Acer negundo			-2	FACW-	Nt Tree	BOXELDER
ALIPAM	2 Alisma plantago-aq	uatica v. amerio	canum	-5	OBL	Nt P-Forb	AMERICAN WATER PLANTAIN
AMARUD	0 Amaranthus rudis			-3	FACW	Nt A-Forb	TAMARISK WATERHEMP
AMBART	O Ambrosia artemisii	folia		3	FACU	Nt A-Forb	COMMON RAGWEED
APOCAN	2 Apocynum cannabinu	m		0	FAC	Nt P-Forb	DOGBANE
ARCMIN	0 ARCTIUM MINUS			5	UPL	Ad B-Forb	COMMON BURDOCK
ASCINC	4 Asclepias incarnat	a		-5	OBL	Nt P-Forb	SWAMP MILKWEED
ASCSYR	O Asclepias syriaca			5	UPL	Nt P-Forb	COMMON MILKWEED
BOECYC	3 Boehmeria cylindri	ca		-5	OBL	Nt P-Forb	FALSE NETTLE
CAMRAD	2 Campsis radicans			0	FAC	Nt W-Vine	TRUMPET CREEPER
CXNORM	4 Carex normalis			-3	FACW	Nt P-Sedge	SPREADING OVAL SEDGE
CXSQUA SEDGE	5 Carex squarrosa			-5	OBL	Nt P-Sedge	NARROW-LEAVED CATTAIL
CONCAN	0 Conyza canadensis			1	FAC-	Nt A-Forb	HORSEWEED
DAUCAR	0 DAUCUS CAROTA			4	FACU-	Ad B-Forb	QUEEN ANNE'S LACE
EQUARV	0 Equisetum arvense			0	FAC	Nt Fern	COMMON HORSETAIL
EQUHYE	2 Equisetum hyemale	affine		-2	FACW-	Nt Fern	TALL SCOURING RUSH
ERIANN	1 Erigeron annuus			1	FAC-	Nt B-Forb	ANNUAL FLEABANE
EUPSER	1 Eupatorium serotin	um		-1	FAC+	Nt P-Forb	LATE BONESET
GEUVER	1 Geum vernum			1	FAC-	Nt P-Forb	SPRING AVENS
GLETRI	2 Gleditsia triacant	hos		0	FAC	Nt Tree	HONEY LOCUST
HELGRO	2 Helianthus grosses	erratus		-2	FACW-	Nt P-Forb	SAWTOOTH SUNFLOWER
HORJUB	0 HORDEUM JUBATUM			-1	FAC+	Ad P-Grass	SQUIRREL-TAIL GRASS
IMPCAP	2 Impatiens capensis			-3	FACW	Nt A-Forb	SPOTTED TOUCH-ME-NOT
JUNINT	3 Juncus interior			-1	FAC+	Nt P-Forb	INLAND RUSH
LEEORY	3 Leersia oryzoides			-5	OBL	Nt P-Grass	RICE CUT GRASS
LYSLAN	6 Lysimachia lanceol	ata		0	FAC	Nt P-Forb	LANCE-LEAVED LOOSESTRIFE

MELOFC	0 MELILOTUS OFFICINALIS	3 FACU	Ad B-Forb	YELLOW SWEET CLOVER
MORRUB	4 Morus rubra	1 FAC-	Nt Tree	RED MULBERRY
OENBIB	1 Oenothera biennis	3 FACU	Nt B-Forb	COMMON EVENING PRIMROSE
PARQUI	2 Parthenocissus quinquefolia	1 FAC-	Nt W-Vine	VIRGINIA CREEPER
PHAARU	0 PHALARIS ARUNDINACEA	-4 FACW+	Ad P-Grass	REED CANARY GRASS
PHRAUS	1 Phragmites australis	-4 FACW+	Nt P-Grass	COMMON REED
POLHYO	4 Polygonum hydropiperoides	-5 OBL	Nt P-Forb	MILD WATER PEPPER
POPDEL	2 Populus deltoides	-1 FAC+	Nt Tree	EASTERN COTTONWOOD
RHACAT	0 RHAMNUS CATHARTICA	3 FACU	Ad Shrub	COMMON BUCKTHORN
RUBSTR	6 Rubus strigosus	-2 FACW-	Nt P-Forb	RED RASPBERRY
RUDSUB	5 Rudbeckia subtomentosa	-3 FACW	Nt P-Forb	SWEET BLACK-EYED SUSAN
RUMCRP	0 RUMEX CRISPUS	-1 FAC+	Ad P-Forb	CURLY DOCK
SAGLAT	4 Sagittaria latifolia	-5 OBL	Nt P-Forb	COMMON ARROWHEAD
SALEXI	1 Salix exigua	-5 OBL	Nt Shrub	SANDBAR WILLOW
SALNIG	3 Salix nigra	-5 OBL	Nt Tree	BLACK WILLOW
SAMCAN	2 Sambucus canadensis	4 FACU-	Nt Shrub	COMMON ELDER
SAPOFF	0 SAPONARIA OFFICINALIS	3 FACU	Ad P-Forb	BOUNCING BET
SCIATR	4 Scirpus atrovirens	-5 OBL	Nt P-Sedge	DARK GREEN RUSH
SETGLA	0 SETARIA GLAUCA	0 FAC	Ad A-Grass	PIGEON GRASS
SOLDUL	0 SOLANUM DULCAMARA	0 FAC	Ad W-Vine	BITTERSWEET NIGHTSHADE
SOLCAN	1 Solidago canadensis	3 FACU	Nt P-Forb	CANADA GOLDENROD
SOLGIG	3 Solidago gigantea	-3 FACW	Nt P-Forb	LATE GOLDENROD
SPAPEC	4 Spartina pectinata	-4 FACW+	Nt P-Grass	PRAIRIE CORD GRASS
THAREV	5 Thalictrum revolutum	0 FAC	Nt P-Forb	WAXY MEADOW RUE
TRAOHI	3 Tradescantia ohiensis	2 FACU+	Nt P-Forb	COMMON SPIDERWORT
TYPLAT	1 Typha latifolia	-5 OBL	Nt P-Forb	BROAD-LEAVED CATTAIL
ULMAME	5 Ulmus americana	-2 FACW-	Nt Tree	AMERICAN ELM
VERBLA	0 VERBASCUM BLATTARIA	4 FACU-	Ad B-Forb	MOTH MULLEIN
VERHAS	3 Verbena hastata	-4 FACW+	Nt P-Forb	BLUE VERVAIN
VITRIP	2 Vitis riparia	-2 FACW-	Nt W-Vine	RIVERVBANK GRAPE

Drainage 3 (Indian Creek) Site:

Locale: South Branch

Date: July 06, 2010 1 hours

By: JLB

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26 NA 39 7 2.2 NA 1.4 V 11.0 NA 9.0 V -0.7 NA 0.1 V	FIC QUALITY DATA ATIVE SPECIES Fotal Species ATIVE MEAN C N/Adventives ATIVE FQI N/Adventives ATIVE MEAN W N/Adventives aculative (+)	Native Tree Shrub W-Vine H-Vine P-Forb B-Forb P-Grass A-Grass P-Sedge A-Sedge Fern	6 2 2 0 7 1	66.7% 15.4% 5.1% 5.1% 0.0% 17.9% 2.6% 2.6% 0.0% 0.0% 0.0%	Adven Tree Shrub W-Vin H-Vin P-For A-For A-Gra A-Gra P-Sed A-Sed	0 1 e 0 0 b 3 b 4 b 2 ss 2 ss 1 ge 0	33.3% 0.0% 2.6% 0.0% 0.0% 7.7% 10.3% 5.1% 5.1% 2.6% 0.0% 0.0%
ACRONYM	C SCIENTIFIC NAME			W	WETNESS	PHYSIOGNOMY	COMMON NAME
ABUTHE	0 ABUTILON THEOPHRAS	ri		4	FACU-	Ad A-Forb	BUTTONWEED
ACENEG	1 Acer negundo			-2	FACW-	Nt Tree	BOXELDER
ACESAI	1 Acer saccharinum			-3	FACW	Nt Tree	SILVER MAPLE
AMARUD	0 Amaranthus rudis			-3	FACW	Nt A-Forb	TAMARISK WATERHEMP
AMBART	O Ambrosia artemisii	folia		3	FACU	Nt A-Forb	COMMON RAGWEED
AMBTRI	0 Ambrosia trifida			-1	FAC+	Nt A-Forb	GIANT RAGWEED
APOCAN	2 Apocynum cannabinum	m		0	FAC	Nt P-Forb	DOGBANE
ARCMIN	0 ARCTIUM MINUS			5	UPL	Ad B-Forb	COMMON BURDOCK
CENMAC	O CENTAUREA MACULOSA			5	UPL	Ad B-Forb	SPOTTED CENTAUREA
CONCAN	0 Conyza canadensis			1	FAC-	Nt A-Forb	HORSEWEED
DAUCAR	0 DAUCUS CAROTA			4	FACU-	Ad B-Forb	QUEEN ANNE'S LACE
EUPSER	1 Eupatorium serotin	um		-1	FAC+	Nt P-Forb	LATE BONESET
FRAPES	2 Fraxinus pennsylva	nica v. subir	ntegerrim	a -3	FACW	Nt Tree	GREEN ASH
GEUVER	1 Geum vernum			1	FAC-	Nt P-Forb	SPRING AVENS
GLETRI	2 Gleditsia triacant	hos		0	FAC	Nt Tree	HONEY LOCUST
HORJUB	0 HORDEUM JUBATUM			-1	FAC+	Ad P-Grass	SQUIRREL-TAIL GRASS
IMPCAP	2 Impatiens capensis			-3	FACW	Nt A-Forb	SPOTTED TOUCH-ME-NOT
IPOPAN	2 Ipomoea pandurata			3	FACU	Nt P-Forb	WILD SWEET POTATO
LEMMIR	3 Lemna minor			-5	OBL	Nt A-Forb	SMALL DUCKWEED
LEOCAR	0 LEONURUS CARDIACA			5	UPL	Ad P-Forb	MOTHERWORT
LINVUL	0 LINARIA VULGARIS			5	UPL	Ad A-Forb	BUTTER-AND-EGGS
LYSLAN	6 Lysimachia lanceol	ata		0	FAC	Nt P-Forb	LANCE-LEAVED LOOSESTRIFE
MELOFC	0 MELILOTUS OFFICINA	LIS		3	FACU	Ad B-Forb	YELLOW SWEET CLOVER
OENBIB	1 Oenothera biennis			3	FACU	Nt B-Forb	COMMON EVENING PRIMROSE
PHAARU	0 PHALARIS ARUNDINAC	EA		-4	FACW+	Ad P-Grass	REED CANARY GRASS
PHRAUS	1 Phragmites austral	is		-4	FACW+	Nt P-Grass	COMMON REED

POPDEL	2 Populus deltoides	-1 FAC+	Nt Tree	EASTERN COTTONWOOD
RHACAT	0 RHAMNUS CATHARTICA	3 FACU	Ad Shrub	COMMON BUCKTHORN
RUBSTR	6 Rubus strigosus	-2 FACW-	Nt P-Forb	RED RASPBERRY
RUMCRP	0 RUMEX CRISPUS	-1 FAC+	Ad P-Forb	CURLY DOCK
SALEXI	1 Salix exigua	-5 OBL	Nt Shrub	SANDBAR WILLOW
SAMCAN	2 Sambucus canadensis	4 FACU-	Nt Shrub	COMMON ELDER
SETGLA	0 SETARIA GLAUCA	0 FAC	Ad A-Grass	PIGEON GRASS
TOXRAD	1 Toxicodendron radicans	3 FACU	Nt W-Vine	POISON IVY
TRIREF	9 Trifolium reflexum	5 UPL	Nt A-Forb	BUFFALO CLOVER
TYPANG	0 TYPHA ANGUSTIFOLIA	-5 OBL	Ad P-Forb	NARROW-LEAVED CATTAIL
ULMAME	5 Ulmus americana	-2 FACW-	Nt Tree	AMERICAN ELM
VERHAS	3 Verbena hastata	-4 FACW+	Nt P-Forb	BLUE VERVAIN
VITRIP	2 Vitis riparia	-2 FACW-	Nt W-Vine	RIVERVBANK GRAPE

Site: Wetland area 2

Locale: Erosional feature along abandoned track

Date: July 06, 2010 1 hours

By: JLB

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12 NA 20 T 1.3 NA 0.8 W 4.6 NA 3.6 W -0.5 NA 0.6 W	IC QUALITY DATA TIVE SPECIES otal Species TIVE MEAN C /Adventives TIVE FQI /Adventives TIVE MEAN W /Adventives culative	Native Tree Shrub W-Vine H-Vine P-Forb B-Forb A-Forb P-Grass A-Grass P-Sedge A-Sedge Fern	2 1 1 0 3 1	60.0% 10.0% 5.0% 5.0% 0.0% 15.0% 5.0% 5.0% 0.0% 0.0% 0.0%	Adventer Tree Shrub W-Vinder H-Vinder B-Forl A-Forl A-Grade A-Sede	1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	40.0% 5.0% 5.0% 0.0% 0.0% 5.0% 15.0% 0.0% 0.0% 0.0% 0.0%
ACRONYM	C SCIENTIFIC NAME			M	WETNESS	PHYSIOGNOMY	COMMON NAME
AILALT	0 AILANTHUS ALTISSIMA			5	UPL	Ad Tree	TREE-OF-HEAVEN
AMARUD	0 Amaranthus rudis			-3	FACW	Nt A-Forb	TAMARISK WATERHEMP
AMBART	O Ambrosia artemisiif	olia		3	FACU	Nt A-Forb	COMMON RAGWEED
APOCAN	2 Apocynum cannabinum			0	FAC	Nt P-Forb	DOGBANE
ARCMIN	0 ARCTIUM MINUS			5	UPL	Ad B-Forb	COMMON BURDOCK
CONCAN	0 Conyza canadensis			1	FAC-	Nt A-Forb	HORSEWEED
DAUCAR	0 DAUCUS CAROTA			4	FACU-	Ad B-Forb	QUEEN ANNE'S LACE
EUPSER	1 Eupatorium serotinu	m		-1	FAC+	Nt P-Forb	LATE BONESET
FRAPES	2 Fraxinus pennsylvan	ica v. subin	tegerrim	a -3	FACW	Nt Tree	GREEN ASH
HORJUB	0 HORDEUM JUBATUM			-1	FAC+	Ad P-Grass	SQUIRREL-TAIL GRASS
MELOFC	0 MELILOTUS OFFICINAL	IS		3	FACU	Ad B-Forb	YELLOW SWEET CLOVER
MORRUB	4 Morus rubra			1	FAC-	Nt Tree	RED MULBERRY
OENBIB	1 Oenothera biennis			3	FACU	Nt B-Forb	COMMON EVENING PRIMROSE
PHAARU	0 PHALARIS ARUNDINACE	A		-4	FACW+	Ad P-Grass	REED CANARY GRASS
PHRAUS	1 Phragmites australi	s		-4	FACW+	Nt P-Grass	COMMON REED
RHACAT	0 RHAMNUS CATHARTICA			3	FACU	Ad Shrub	COMMON BUCKTHORN
SAMCAN	2 Sambucus canadensis			4	FACU-	Nt Shrub	COMMON ELDER
TRIPRA	0 TRIFOLIUM PRATENSE			2	FACU+	Ad P-Forb	RED CLOVER
TYPLAT	1 Typha latifolia			-5	OBL	Nt P-Forb	BROAD-LEAVED CATTAIL
VITRIP	2 Vitis riparia			-2	FACW-	Nt W-Vine	RIVERVBANK GRAPE

Attachment 8
Wyanet Connection Wetland Delineation Report

TRANSMITTAL

To: Illinois Department of Transportation

Bureau of Design and Environment

Attn: Barb Traeger

From: Illinois Natural History Survey

Re: Wetland Survey

Route and Location

Project Title: Wyanet Connection

Location: Between BNSF and IAIS railroad lines

Sequence No.: 15795 IDOT Dist. No.: 3

County: Bureau County

Surveys Conducted By: Brian Wilm, Scott Wiesbrook,

and Brad Zercher University of Illinois

Institute of Natural Resource Sustainability

Illinois Natural History Survey

1816 S. Oak Street Champaign, IL 61820 (217) 244-2176 (Wilm) bwilm@inhs.illinois.edu

Date Conducted: 26 April, 2010

Project Summary:

A wetland survey was conducted for proposed work on the Wyanet Connection, between the BNSF and IAIS railroad lines, in Bureau County, Illinois. Summary information regarding the wetland determination site is presented in the wetland project report. The plant species list is found in Appendix A and the wetland determination form is included in Appendix B. Wetland boundaries were recorded using a Trimble Global Positioning System. The spatial data has been digitally uploaded to the intranet site (http://frostycap.isgs.uiuc.edu/idot_extranet). The location of the determination site was overlaid on a digital orthroquad (DOQ) using ArcGIS; printouts of this DOQ are included with this report and one copy is included in Appendix C.

Signed:	Dr. Allen Plocher INHS/IDOT Project Principal Investigator and Project Coordinator
Date:	5/5/10

WETLAND PROJECT REPORT

To: Illinois Department of Transportation (IDOT)

Bureau of Design and Environment

From: Illinois Natural History Survey

Route and Location

Project Title: Wyanet Connection

Location: Between BNSF and IAIS railroad lines

Sequence No.: 15795 IDOT Dist. No.: 3

County: Bureau County

Surveys Conducted By: Brian Wilm, Scott Wiesbrook,

and Brad Zercher University of Illinois

Institute of Natural Resource Sustainability

Illinois Natural History Survey

1816 S. Oak Street Champaign, IL 61820 (217) 244-2176 (Wilm) bwilm@inhs.illinois.edu

Date Conducted: 26 April, 2010

Introduction and Project Summary:

The following sources were examined while surveying the project corridor to determine wetland locations and boundaries: United States Geological Survey topographic maps and National Wetland Inventory (NWI) maps (Wyanet 7.5 minute quadrangles); Soil Survey of Bureau County, Illinois (Zwicker 1992); National List of Plant Species that Occur in Wetlands: Illinois (Reed 1988); the 1987 Corps of Engineers Wetlands Delineation Manual (Environmental Laboratory 1987); Interim Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Midwest Region (U.S. Army Corps of Engineers 2008); and the NRCS, USDA, Web Soil Survey. These materials were used during on-site evaluation of vegetation, soils, and hydrology.

All potential wetlands within the specified study area were examined. One routine on-site wetland determination was performed; the site was determined to be a wetland.

Wetland boundaries were recorded using a Trimble Global Positioning System. The spatial data has been digitally uploaded to the intranet site (http://frostycap.isgs.uiuc.edu/idot_extranet). The location of the determination site

was overlaid on a digital orthroquad (DOQ) using ArcGIS 9.x software (ESRI 2002). Printouts of this DOQ are included with this report.

The Floristic Quality Index (FQI) is used to assess the ecological integrity of communities (Swink and Wilhelm 1994, Taft et al. 1997). This index provides a measure for the quality or environmental integrity of each individual community. The FQI is calculated as follows:

$$FQI = R/\sqrt{N}$$

where R represents the sum of the numerical ratings for all species recorded at the site and N represents the total number of recorded species. Numerical ratings for each species are shown in the species list for each community. Plants not identified to species level are not given a numerical rating. Plants not native to Illinois are also not scored. The mean Coefficient of Conservatism (mean C), defined as the sum of the numerical ratings divided by the total number of native Illinois species (R/N), was also determined. Although generalizations are problematic, for interpretive purposes it can be said that FQI values of ten or less for individual sites indicate low natural quality. Sites with FQI values of twenty or more (mean C>3.0) possess some evidence of native character and may be considered environmental assets.

Wetland Site Summary:

Site 1: This pond (with its associated wooded fringe) borders both the north and south sides of the BNSF railroad line at the northeasternmost part of the project area. Dominant hydrophytic vegetation, hydric soils, and wetland hydrology are all present; therefore, the site is a wetland. The FQI for the site is 11.9 and the mean coefficient of conservatism is 2.3; these values are indicative of fair floristic quality. The site is identified in the National Wetlands Inventory as semipermanently flooded, emergent, palustrine wetland (PEMF). This wetland provides wildlife habitat for waterfowl and wading birds, while also providing significant storage of surface water runoff. The wetland covers 0.224 ha (0.555 acres) within the project corridor, while totaling 1.791 ha (4.428 acres) overall.

Stream Characterization and Watershed Classification

Pond Creek at the project area was substantially entrenched with moderately to steeply sloping stream banks; stream banks were moderately well vegetated. Channel width was about 12 m (40 ft); water was clear with a slight brownish tint. Flow was moderate, with a depth estimated to be less than 1 m (3.3 ft). Substrate was primarily silt. Woody debris was common.

The project area occurs within the Illinois River – Ottawa to East Peoria watershed (USGS Hydrologic Unit Code 7130001).

Literature Cited

- Environmental Laboratory. 1987. Corps of Engineers wetlands delineation manual. Technical Report Y-87-1, U.S. Army Engineer Waterways Experiment Station, Vicksburg, MS. 207 pp.
- ESRI. 2002. ArcGIS 9.x. Environmental Systems Research Institute, Redlands, CA, USA.
- Reed, P. B., Jr. 1988. National list of plant species that occur in wetlands: Illinois. U.S. Fish and Wildlife Service, National Wetlands Inventory. NERC-88/18.13. 117 pp.
- Soil Survey Staff, Natural Resources Conservation Service, United States Department of Agriculture. Web Soil Survey. Available online at http://websoilsurvey.nrcs.usda.gov/ [Accessed April 15 May 5, 2010].
- Swink, F. and G. Wilhelm. 1994. Plants of the Chicago Region. 4th Ed. Indiana Academy of Sciences. 900 pp.
- Taft, J. B., G. S. Wilhelm, D. M. Ladd, and L. A. Masters. 1997. Floristic quality assessment for vegetation in Illinois a method for assessing vegetation integrity. Erigenia 15:3-95.
- U. S. Army Corps of Engineers. 2008. Interim regional supplement to the Corps of Engineers Wetland Delineation Manual: Midwest Region, eds. J. S. Wakely, R. W. Lichvar, and C. V. Noble. ERDC/EL TR-08-27. U. S. Army Engineer Research and Development Center, Vicksburg, MS.
- Zwicker, S. E. 1992. Soil survery of Bureau County, Illinois. United States Department of Agriculture Soil Conservation Service, in cooperation with the Illinois Agricultural Experiment Station. Illinois Agricultural Experiment Station Soil Report No. 139. 302 pp. + maps.

Appendix A. Plant Species List

Site 1 – Pond and Associated Wooded Fringe

DOMINANT PLANT SPECIES

Scientific name	Common name	Stratum	Wetland indicator	Coefficient of	
			Status	Conservatism	
Lemna minor	common duckweed	herb	OBL	3	
Phalaris arundinacea	reed canary grass	herb	FACW+	*	
Salix nigra	black willow	tree, sapling	OBL	3	
Scirpus fluviatilis	river bulrush	herb	OBL	3	

^{*}Species not native to Illinois

ALL PLANT SPECIES

Scientific name	Common name	Stratum	Wetland indicator	Coefficient of
			Status	Conservatism
Acer negundo	box elder	shrub	FACW-	1
Campanula americana	American bellflower	herb	FAC	4
Carex sp.	sedge	herb		
Chaerophyllum procumben	<u> </u>	herb	FAC+	1
Cornus drummondii	rough-leaved dogwood	shrub	FAC	2
Cryptotaenia canadensis	honewort	herb	FAC	1
Ellisia nyctelea	Aunt Lucy	herb	FAC+	1
Galium aparine	annual bedstraw	herb	FACU	0
Impatiens capensis	jewelweed	herb	FACW	2
Iris shrevei	southern blue flag	herb	OBL	5
Lemna minor	common duckweed	herb	OBL	3
Lonicera maackii	Amur honeysuckle	shrub	UPL	*
Morus alba	white mulberry	tree, sapling	FAC	*
Parthenocissus quinquefoli	a Virginia creeper	vine, herb	FAC-	2
Phalaris arundinacea	reed canary grass	herb	FACW+	*
Plantago rugelii	red-stalked plantain	herb	FAC	0
Polygonum amphibium	water smartweed	herb	OBL	3
Polygonum scandens	climbing buckwheat	herb	FAC	2
Prunus serotina	wild black cherry	shrub	FACU	1
Quercus macrocarpa	bur oak	tree, sapling, shru	b FAC-	5
Ranunculus abortivus	little-leaf buttercup	herb	FACW-	1
Ranunculus sceleratus	cursed crowfoot	herb	OBL	3
Rorippa islandica	marsh yellow cress	herb	OBL	4
Salix nigra	black willow	tree, sapling, shru	b OBL	3
Scirpus fluviatilis	river bulrush	herb	OBL	3
Sicyos angulatus	bur cucumber	herb	FACW-	3
Solidago gigantea	late goldenrod	herb	FACW	3
Toxicodendron radicans	poison ivy	vine, herb	FAC+	1
Ulmus americana	American elm	tree, sapling, shru		5
Viburnum opulus	European high-bush cranberry		UPL	*
Viola pratincola	common blue violet	herb	FAC	1
Vitis riparia	riverbank grape	vine, herb	FACW-	2

^{*}Species not native to Illinois

FQI = R/ \sqrt{N} = 62/ $\sqrt{27}$ = 11.9 mean C = R/N = 62/27 = 2.3

Appendix B. Wetland Delineation Forms

WETLAND DETERMINATION DATA FORM - Midwest Region

Project/Site: Wyanet Connection	City/County:	Bureau		Sampling Date: 4/26/1	0	
Applicant/Owner: Illinois Department of Transportation - District 3				Sampling Point: 1		
		wnship, Rar	nge: SE/4, NW/4, Sec	tion 20, T. 16 N., R. 8	E.	
			concave, convex, none):			
Slope (%): < 1% Lat:						
Soil Map Unit Name: NRCS mapped as Water and Muscatune silt loam; Revi						
Are climatic / hydrologic conditions on the site typical for this time of ye	1					
Are Vegetation No , Soil No , or Hydrology No significantly			Normal Circumstances" p	· -	No	
Are Vegetation No , Soil No , or Hydrology No naturally pro			eded, explain any answe		10 <u> </u>	
SUMMARY OF FINDINGS – Attach site map showing		`		,	es, etc.	
Hydrophytic Vegetation Present? Hydric Soil Present? Wetland Hydrology Present? Yes X No Yes X No	Hydrophytic Vegetation Present? Hydric Soil Present? Yes X No					
Remarks:						
VEGETATION – Use scientific names of plants.						
Absolute			Dominance Test work	sheet:		
1. Salix nigra	<u>Species?</u> yes	OBL	Number of Dominant Sport That Are OBL, FACW, or		_ (A)	
2. 3.			Total Number of Domin Species Across All Stra	_	_ (B)	
4			Percent of Dominant Sp	necies		
5			That Are OBL, FACW,		_ (A/B)	
Sapling/Shrub Stratum (Plot size:)	= Total Cov	er	Prevalence Index wor	ksheet:		
1. Salix nigra	yes	OBL	Total % Cover of:			
2.	· ——			x 1 =		
3				x 2 =		
4.				x 3 =		
5			FACU species	x 4 =	<u></u>	
	= Total Cov	er		x 5 =		
Herb Stratum (Plot size:)			Column Totals:	(A)	(B)	
1. Lemna minor	yes	OBL				
2. Phalaris arundinacea	yes	FACW+		= B/A =		
3. Scirpus fluviatilis	yes	OBL	Hydrophytic Vegetatio			
4			X Dominance Test is			
5			Prevalence Index is			
6 Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)						
7				phytic Vegetation ¹ (Expl	•	
8		-	<u> </u>	, , , , , , , , , , , , , , , , , , ,	,	
9			¹ Indicators of hydric soi	il and wetland hydrology	must	
10 be present, unless disturbed or problematic.						
Woody Vine Stratum (Plot size:) 1						
2.			Vegetation	s No		
	= Total Cov	er	Present? Yes	o NO		
Remarks: (Include photo numbers here or on a separate sheet.)						

Dominant hydrophytic vegetation is present throughout the entire site.

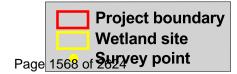
SOIL Sampling Point: 1

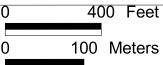
Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)								
Depth	pth Matrix Redox Features							
(inches)	Color (moist)		Color (moist)	<u>%</u>	Type ¹	Loc ²	<u>Texture</u>	Remarks
0-12+	10YR 3/1	85 7	7.5YR 4/4	15	<u>C</u>	M, PL	CL	Redox include soft masses in matrix.
	•							
	-							
-								
					_			
	Concentration, D=De	pletion, RM=R	Reduced Matrix, CS	S=Covere	d or Coate	ed Sand G		cation: PL=Pore Lining, M=Matrix.
Hydric Soil							Indicators	for Problematic Hydric Soils ³ :
Histoso	• •				atrix (S4)			Prairie Redox (A16)
	pipedon (A2)			Redox (S			_	langanese Masses (F12)
	listic (A3)			d Matrix (,		Other	(Explain in Remarks)
	en Sulfide (A4) d Layers (A5)				ineral (F1) latrix (F2)			
	uck (A10)			d Matrix				
	ed Below Dark Surfac	ce (A11)		Dark Surf				
	ark Surface (A12)	()			urface (F7)	³ Indicators	s of hydrophytic vegetation and
Sandy I	Mucky Mineral (S1)		Redox	Depression	ons (F8)	,		d hydrology must be present,
	ucky Peat or Peat (S						unless	disturbed or problematic.
Restrictive	Layer (if observed)):						
Type:								
Depth (in	nches):						Hydric Soil	Present? Yes X No No
Remarks:							1	
This site	is the pond a	nd assoc	iated fringe	which	is inun	dated c	or saturate	ed for significant duration
	ne growing se		3					3
	g g							
HYDROLC)GY							
Wetland Hy	drology Indicators	:						
Primary Indi	cators (minimum of	one is require	d; check all that ap	ply)			Seconda	ary Indicators (minimum of two required)
X Surface	Water (A1)		Water-Sta	ined Leav	ves (B9)		Sur	face Soil Cracks (B6)
	ater Table (A2)		Aquatic Fa		, ,			inage Patterns (B10)
X Saturati			True Aqua	•	,			-Season Water Table (C2)
	Marks (B1)		Hydrogen					yfish Burrows (C8)
	nt Deposits (B2)		X Oxidized F			ing Roots	(C3) Sati	uration Visible on Aerial Imagery (C9)
Drift De	Drift Deposits (B3) Presence of Reduced Iron (C4) Stunted or Stressed Plants (D1)						nted or Stressed Plants (D1)	
Algal M	Algal Mat or Crust (B4) Recent Iron Reduction in Tilled Soils (C6) Geomorphic Position (D2)						omorphic Position (D2)	
Iron De	Iron Deposits (B5) Thin Muck Surface (C7) FAC-Neutral Test (D5)						C-Neutral Test (D5)	
X Inundat	ion Visible on Aerial	Imagery (B7)	Gauge or	Well Data	a (D9)			
Sparsel	y Vegetated Concav	e Surface (B8	3) L Other (Exp	olain in R	emarks)			
Field Obser	rvations:							
Surface Wa	ter Present?	res No	Depth (in	ches): <	66			
Water Table	Present?	res X No	Depth (in	ches): At	surface			
Saturation F	Present?	res X No	Depth (in	ches): At	surface	Wetl	land Hydrolog	y Present? Yes X No
(includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:								
Describe Re	ecorded Data (strear	n gauge, mon	itoring well, aerial	pnotos, p	revious ins	spections),	if available:	
Remarks:								
This excavated depression and its associated fringe appear to be saturated or inundated to a depth								
less thar	n 2 m for a sig	inificant d	luration durin	ng the	growin	g seas	on.	

Appendix C. Project Area and Wetland Delineation Figure

Wyanet Connection Between BNSF RR and IAIS RR over Pond Creek Bureau County







scale 1:4800 1 inch=400 ft



Attachment 9
Agency Comment Letters



DEPARTMENT OF THE ARMY

INSTALLATION MANAGEMENT COMMAND US ARMY GARRISON-ROCK ISLAND ARSENAL 1 ROCK ISLAND ARSENAL ROCK ISLAND, ILLINOIS 61299-5000

REPLY TO ATTENTION OF:

SEP 2 9 2009

Office of the Garrison Manager

Ms. Barbara H. Stevens Chief, Environmental Section Illinois Department of Transportation 2300 South Dirksen Parkway Springfield, IL 62764

Dear Ms. Stevens:

Reference Illinois Department of Transportation (DOT) letter, August 19, 2009.

In response to your letter dated August 19, 2009, the US Army Garrison-Rock Island Arsenal (USAG-RIA) is willing to work toward an agreement in the future phases of this project to allow passenger trains on the Government Bridge and trackage currently leased by the lowa Interstate Railroad, LTD.

Correction is needed in your letter regarding name and ownership of the bridge that may be utilized for this project. The bridge name is "Government Bridge" and is owned by the US Army Garrison-Rock Island Arsenal, not the US Army Corps of Engineers, Louisville.

The US Army Corps of Engineers, Louisville administers the current lease of the tracks crossing USAG-RIA between the cities of Davenport, Iowa and Rock Island, Illinois. That Lease is with the Iowa Interstate Railroad.

USAG-RIA has discussed with HDR Inc. proposed improvements to the Government Bridge rail system to include signal upgrades and power derailers.

Plans and specifications for any such improvements would have to be submitted for review and approval by the USAG-RIA, Directorate of Public Works and fully coordinated with the current Lease holder before execution.

The US Army Engineer District, Rock Island operates a Lock & Dam located at the Government Bridge. River traffic has priority, therefore when the Government Bridge swing span is open, rail traffic is closed.

I look forward to working with you in the future to make USAG-RIA an integral part in transforming America's transportation system through a national network of high-speed rail corridors.

A copy of this letter has been provided to Ms. Nancy Richardson, Director, Iowa Department of Transportation, 800 Lincoln Way, Ames, IA 50010 and Mr. Brian Ray, Transportation Engineer, HDR Engineering, Inc., 8404 Indian Hills Drive, Omaha, NE 68114-4098.

If you have any questions please contact Mr. Stephen Clark, Chief, Housing and Master Planning Division, USAG-RIA Directorate of Public Works, 309-782-2444, stephen.a.clark@us.army.mil.

Sincerely,

Joel G. Himsl

Garrison Manager



DEPARTMENT OF THE ARMY

INSTALLATION MANAGEMENT COMMAND UNITED STATES ARMY GARRISON-ROCK ISLAND ARSENAL 1 ROCK ISLAND ARSENAL ROCK ISLAND, ILLINOIS 61299-5000

SEP 2 9 2009

REPLY TO ATTENTION OF:

Office of the Garrison Manager

Ms. Nancy Richardson Director, Iowa Department of Transportation 800 Lincoln Way Ames, IA 50010

Dear Ms. Richardson:

Reference Iowa Department of Transportation (DOT) letter, subject: Chicago to Iowa City Intercity Passenger Rail Service Project-Environmental Assessment, August 19, 2009.

In response to your letter, subject as above, dated August 19, 2009, the US Army Garrison-Rock Island Arsenal (USAG-RIA) is willing to work toward an agreement in the future phases of this project to allow passenger trains on the Government Bridge and trackage currently leased by the Iowa Interstate Railroad, LTD.

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Sincerely,

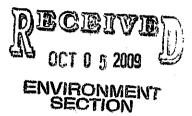
Joel G. Himsl Garrison Manager

Page 1575 of 2624



U.S. Department of Transportation Federal Transit Administration REGION V Illinois, Indiana, Michigan, Minnesota, Ohio, Wisconsin 200 West Adams Street Suite 320 Chicago, IL 60606-5253 312-353-2789 312-886-0351 (fax)

September 25, 2009



Ms. Barbara H. Stevens
Environment Section Chief
Bureau of Design and Environment
Illinois Department of Transportation
2300 South Dirksen Parkway, BDE Room 330
Springfield, IL 62764

RE: Chicago to Iowa City Intercity Passenger Rail Service Project - Environmental Assessment

Dear Ms. Stevens:

The Federal Transit Administration (FTA) is providing these comments in regard to the proposed passenger rail service between Chicago, Illinois, and Iowa City, Iowa. Since our fellow U.S. Department of Transportation operating division, the Federal Railroad Administration (FRA), is a cooperating agency in this effort, our remarks will only address this project's potential impact on our grantees, and not the NEPA process.

In each of the two (2) "build" alternatives, existing and proposed commuter rail services in the Chicago metropolitan area provided by Metra will be affected by the proposed project. We understand that train scheduling, both passenger and freight, will be a major issue in the operation of the proposed new service. Our concern is that there is or will be sufficient track capacity along the proposed intercity passenger route to allow both existing and proposed passenger and freight services to not be negatively impacted by the additional service. Slower travel times for commuters will lead to inconveniences for them, and a loss of ridership for Metra. The resulting loss in operating revenue for commuter rail services will only magnify the financial struggle that Metra already is incurring.

Additionally, the Rock Island County Metropolitan Mass Transit District (MetroLINK), which is headquartered in Moline, Illinois, and operates municipal bus transit service in the Illinois Quad Cities, is pursuing a commuter rail component to its system. This planned service will use the same tracks as the proposed Chicago – Iowa City Intercity Passenger Service Project. The analysis of this intercity project should consider the potential inclusion of the MetroLINK commuter rail service, when evaluating operations and track capacity.

Letter to Ms. Stevens September 25, 2009 Page Two

We appreciate the opportunity provided to us to respond to the information gathering phase of the environmental review process. We ask that you continue to keep us at the FTA — Region V informed of the further development of this project. If you have any questions or comments concerning our remarks, please contact Steve Polito at (312) 353-1552.

Sincerely,

Marisol Simón

Regional Administrator

marior Amor

Cc: George Weber Bureau Chief

Bureau of Railroads

Illinois DOT



United States Department of the Interior

FISH AND WILDLIFE SERVICE Chicago Ecological Services Field Office 1250 South Grove Avenue, Suite 103 Barrington, Illinois 60010 Phone: (847) 381-2253 Fax: (847) 381-2285



IN REPLY REFER TO: FWS/AES-CIFO/2009-FA-0515

October 9, 2009

George Weber Bureau of Railroads Bureau Chief Illinois Department of Transportation 100 W. Randolph Suite 6-600 Chicago, Illinois 60601

Dear Mr. Weber:

This responds to your request for comments on the Tier 1 Service Level Environmental Assessment (EA) for the Chicago to Iowa City Intercity Passenger Rail Service project. Illinois Department of Transportation and Iowa Department of Transportation, in conjunction with the Federal Railroad Administration are evaluating the reestablishment of passenger rail service between the aforementioned cities. The Tier 1 Service Level EA addresses the service level issues that would be part of the initial operations and the proposed alternatives. The Tier 2 Project Level analyses would address specific project level activities. We provide comments as they relate to fish and wildlife resources that may be affected by construction and operation of the proposed project.

We reviewed the information provided in your Tier 1 Service Level EA. We checked our records for the presence of federally listed species, Service trust resources, and other fish and wildlife resources that may be affected by the proposed project. Based on our review we offer the following comments that should be addressed in the Tier 2 Project Level EA.

Alternatives

The Tier 1 EA indicates that for both alternatives (Route A and B), track rehabilitation would occur within the existing railroad grade. However, some ditching, minor bridge work and culvert work, and other track related upgrades would be required outside of the existing railroad grade. The Tier 2 EA should identify the locations of these track upgrades and assess possible impacts to natural resources.

Mr. George Weber 2

Affected Environment and Environmental Consequences

Noise and Vibration

The Tier 2 EA should evaluate whether wildlife, particularly migratory birds, would be affected by noise and vibration from the possible increase in frequency and speed of trains for both alternatives.

Parks and Federally or State-listed Natural Areas

The Tier 2 EA should describe and identify all natural areas providing habitat for wildlife resources that abut the right-of-way of the proposed alternatives. These natural areas would include county forest preserves which provide valuable habitat for fish and wildlife resources. A figure should be provided in the Tier 2 EA that shows all natural areas along the proposed alternatives. Figure 3.11.1 only shows state wildlife management areas and neglects to show county forest preserves or other natural areas.

Threatened and Endangered Species

This section notes that specific construction impacts to listed and candidate species would be further evaluated in the Tier 2 EA. The Tier 2 EA should include a list of the state listed species that are present in aforementioned natural areas as some of those species (i.e., migratory birds) are also Service trust resources.

Indirect and Cumulative Impacts

The Tier 2 EA should fully disclose all indirect and cumulative impacts to natural resources. The Tier 1 EA only discusses anticipated beneficial impacts from the two alternatives. Indirect and cumulative impacts such as those that could occur to streams, wetlands, water quality, etc. as a result of proposed track upgrades should be indentified as well.

These comments only address activities within the Chicago Illinois Field Office coverage area, which ends at the Kane-Kendall County border for Alternative A and at the Will-Kendall County border for Alternative B. The Service's Rock Island Field Office should be contacted for comments outside of our coverage area.

This letter provides comment under the authority of, and in accordance with, the provisions of the National Environmental Policy Act of 1969 (83 Stat. 852 as amended P.L. 91-190, 42 U.S.C. 4321 *et seq.*), the Fish and Wildlife Coordination Act (48 Stat. 401, as amended; 16 U.S.C. 661 *et seq.*) and the Endangered Species Act of 1973, as amended (87 Stat. 884. as amended; 16 U.S.C. 1531 *et seq.*).

Mr. George Weber 3

If you have any questions, please contact Mr. Shawn Cirton at 847/381-2253, ext. 19.

Sincerely,

Janice C. Engle

Acting Field Supervisor

cc: RIFO, Woeber

USEPA, Westlake USCOE, Chernich HDR, Morton



IN REPLY REFER TO:
FWS/RIFO

United States Department of the Interior

FISH AND WILDLIFE SERVICE Rock Island Field Office 1511 47th Avenue Moline, Illinois 61265 Phone: (309) 757-5800 Fax: (309) 757-5807



RECEIVED

OCT 2 I 7009

OFFICE OF LOCATION & ENVIRONMENT

October 16, 2009

Ms. Janet Vine Iowa Department of Transportation 800 Lincoln Way Ames, Iowa 50010

Dear Ms. Vine:

This is in response to your letter of August 17, 2009, requesting our comments on the proposed Chicago to Iowa City Intercity Passenger Rail Service Project – Environmental Assessment by the Federal Railroad Administration, Iowa Department of Transportation, and the Illinois Department of Transportation. For the purposes of this letter we will provide information relative to the portion of the project within Iowa.

Our data indicate that the species on the enclosed list may occur in the counties of your proposed action. Descriptions of the habitat requirements are included with the list. You may use these descriptions to help you determine if there is suitable habitat within your project area.

In order to determine if your project "may affect" species on the enclosed list, we invite you to use a new tool the Service has designed to help with the consultation process - the Section 7(a)(2) Technical Assistance webpage

(http://www.fws.gov/midwest/endangered/section7/s7process/index.htm). By following the instructions, you can determine what your action area is, whether listed species may be found within the action area, and if the project may affect listed species. You will find several products on the site that can streamline the consultation process for this and future projects. When determining if listed species may be located within a project area, you can download county specific species lists for all of the states in Region 3. Species specific best management practices will also eventually be available. Example letters and templates are available to assist with documenting "no effect" determinations and preparing requests for "not likely to adversely affect" concurrence.

These comments are provided as technical assistance in accordance with the Endangered Species Act of 1973 (87 Stat. 884, as amended; 16 U.S.C. 1531 et seq).

Ms. Janet Vine

National Wetland Inventory maps indicate that there may be wetlands within and adjacent to the project area. These areas may be affected by the proposed project. The Corps of Engineers is the Federal agency responsible for wetland regulation, and we recommend that you contact them for assistance in delineating the wetland types and acreage within the project boundary. Priority consideration should be given to avoid impacts to these wetland areas. Any future activities in the study area that would alter these wetlands may require a Section 404 permit. Unavoidable impacts will require a mitigation plan to compensate for any losses of wetland functions and values. The U.S. Army Corps of Engineers, Clock Tower Building, P.O. Box 2004, Rock Island, Illinois, 61201, should be contacted for information about the permit process.

If you have any questions regarding our comments, please contact Heidi Woeber of my staff at (309) 757-5800 extension 209.

Sincerely,

Richard C. Nelson Field Supervisor

Enclosure

cc: ILDOT (Stevens)

HDR Engineering Inc. (Sharp)

S:\Office Users\Heidi\techassPassengerRaifIowalllinoisNEW.doc

Habitat Descriptions for Federal Threatened and Endangered Species in Scott, Muscatine, Cedar and Johnson Counties, Iowa

The endangered Indiana bat (Myotis sodalis) has been noted as occurring in Muscatine County. Indiana bats are considered to potentially occur in counties along and south of I-80 in Iowa. Any area with forested habitat may potentially provide suitable habitat for this species.

Indiana bats migrate seasonally between winter hibernacula and summer roosting habitats. Winter hibernacula include caves and abandoned mines. Females form nursery colonies under the loose bark of trees (dead or alive) and/or cavities, where each female gives birth to a single young in June or early July. A single colony may utilize a number of roost trees during the summer, typically a primary roost tree and several alternates. The species or size of tree does not appear to influence whether Indiana bats utilize a tree for roosting provided the appropriate bark structure is present.

During the summer, the Indiana bat frequents the corridors of small streams with riparian woods as well as mature upland forests. It forages for insects along stream corridors, within the canopy of floodplain and upland forests, over clearings with early successional vegetation (old fields), along the borders of croplands, along wooded fencerows, over farm ponds, and in pastures.

Suitable summer habitat in Iowa is considered to have the following characteristics within a $\frac{1}{2}$ mile radius of a project site:

- forest cover of 15% or greater;
- 2) permanent water;
- one or more of the following tree species: shagbark and shellbark hickory that may be dead or alive, and dead bitternut hickory, American elm, slippery elm, eastern cottonwood, silver maple, white oak, red oak, post oak, and shingle oak with slabs or plates of loose bark;
- 4) potential roost trees with 10% or more peeling or loose bark

If the project site contains any habitat that fits the above description, it may be necessary to conduct a survey to determine whether the bat is present. In addition a search for this species should be made prior to any cave-impacting activities. If habitat is present or Indiana bats are known to be present, they must not be harmed, harassed or disturbed, and this field office should be contacted for further assistance.

The eastern prairie fringed orchid (Platanthera leucophaea) is listed as threatened and known to occur in Johnson County. It occupies mesic to wet grassland habitats. There is no critical habitat designated for this species. Federal regulations prohibit any commercial activity involving this species or the destruction, malicious damage, or removal of this species from Federal land or any other lands in knowing violation of State law or regulation, including State criminal trespass law. Growth of the prairie fringed orchid begins in May and flowering

occurs in July. This species should be searched for whenever wet prairie remnants or other wet meadows are encountered.

The prairie bush clover (Lespedeza leptostachya) is listed as threatened and considered to potentially occur statewide in Iowa based on historical records and habitat distribution, although we have no record of occurrences in Cedar, Johnson, Scott, and Muscatine Counties. It occupies dry to mesic prairies with gravelly soil. There is no critical habitat designated for this species. Federal regulations prohibit any commercial activity involving this species or the destruction, malicious damage, or removal of this species from Federal land or any other lands in knowing violation of State law or regulation, including State criminal trespass law. This species should be searched for whenever prairie remnants are encountered.

The western prairie fringed orchid (*Platanthera praeclara*) is listed as threatened and considered to potentially occur statewide in Iowa based on historical records and habitat distribution although we have no record of occurrences in Cedar, Johnson, Scott, and Muscatine Counties. It occupies wet to mesic grassland habitats. There is no critical habitat designated for this species. Federal regulations prohibit any commercial activity involving this species or the destruction, malicious damage, or removal of this species from Federal land or any other lands in knowing violation of State law or regulation, including State criminal trespass law. This species should be searched for whenever wet prairie remnants are encountered.

The endangered Higgins eye pearlymussel (*Lampsilis higginsii*) is listed for the Mississippi River north of Lock and Dam 20 which includes Muscatine and Scott Counties. This species prefers sand/gravel substrates with a swift current and is most often found in the main channel border or an open, flowing side channel.

The project lies within the range of the eastern massasauga (Sistrurus c. catenatus), a docile rattlesnake that is declining throughout its national range and is currently a Federal Candidate species. The snake is currently listed as endangered by the State of Iowa and is known to occur in Johnson and Muscatine Counties. Your proactive efforts to conserve this species now may help avoid the need to list the species under the Endangered Species Act in the future. Due to their reclusive nature, we encourage early project coordination to avoid potential impacts to massasaugas and their habitat.

The massasauga is often found in or near wet areas, including wetlands, wet prairie, or nearby woodland or shrub edge habitat. This often includes dry goldenrod meadows with a mosaic of early successional woody species such as dogwood or multiflora rose. Wet habitat and nearby dry edges are utilized by the snakes, especially during the spring and fall. Dry upland areas up to 1.5 miles away are utilized during the summer, if available.

The project lies within the range of the freshwater sheepnose mussel (*Plethobasus cyphyus*) that is declining throughout its national range and is currently a Federal Candidate species. It is known to occur in Johnson, Muscatine and Scott Counties. Significant declines relative to its historical distribution and its small isolated remaining populations continue to be threatened

From: Rogers, Michael D.

Sent: Wednesday, September 30, 2009 10:16 AM

To: Zyznieuski, Walter G

Subject: FW: General Conformity Applicability Levels

Walt,

Below is a link from Michael Leslie of Region V to what I think is the most recent final rule (July 17, 2006, 71 FR 40420) dealing with general conformity *de minimis* thresholds. It includes that same weird language that doesn't specifically address moderate and marginal ozone NAAs, but just "Other areas inside (outside) an ozone transport region." The threshold for such areas outside an ozone transport region is 100 tpy for both VOC and NOx.

For Illinois PM2.5 nonattainment areas the threshold is also 100 tpy and should be assessed for direct PM2.5, SO2, and NOx emissions.

Let me know if you have any questions.

Mike

Mike Rogers

Illinois EPA, Bureau of Air

1021 North Grand Avenue East

Springfield, IL 62794-9276

phone: 217 524-4408

fax: 217 557-2559

e-mail: michael.rogers@illinois.gov

From: Leslie.Michael@epamail.epa.gov [mailto:Leslie.Michael@epamail.epa.gov]

Sent: Wednesday, September 30, 2009 7:29 AM

To: Rogers, Michael D.

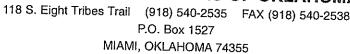
Subject: General Conformity Applicability Levels

http://www.epa.gov/air/genconform/documents/Jul06/EPA-HQ-OAR-2004-0491-0026.pdf

Michael Leslie, P.E. USEPA - Region 5 (AR-18J) 77 W. Jackson Blvd. Chicago, IL 60604

Phone: (312) 353-6680 Fax: (312) 408-2266





CHIEF John P. Froman

SECOND CHIEF Jason Dollarhide

September 9, 2009

U.S. Department of Transportation Federal Railroad Administration 1200 New Jersey Ave, SE Washington, DC 20590

> RE: Chicago to Iowa City Intercity Passenger Rail Service Project - NEPA and NHPA consultation.

Thank you for notice of the referenced projects. The Peoria Tribe of Indians of Oklahoma is currently unaware of any documentation directly linking Indian Religious Sites to the proposed construction. In the event any items falling under the Native American Graves Protection and Repatriation Act (NAGPRA) are discovered during construction, the Peoria Tribe request notification and further consultation.

The Peoria Tribe has no objection to the proposed construction. However, if any human skeletal remains and/or any objects falling under NAGPRA are uncovered during construction, the construction should stop immediately, and the appropriate persons, including state and tribal NAGPRA representatives contacted.

John P. Froman

Chief

xc:

Bud Ellis, Repatriation/NAGPRA Committee Chairman



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 5 77 WEST JACKSON BOULEVARD CHICAGO, IL 60604-3590

OCT 1 4 2009

REPLY TO THE ATTENTION OF:

E-19J

George Weber
Bureau of Railroads, Bureau Chief
Illinois Department of Transportation
Division of Public and Intermodal Transportation
100 West Randolph Street, Suite 6-600
Chicago, Illinois 60601

RE: Comments on the proposed Chicago to Iowa City Intercity Passenger Rail Project

Dear Mr. Weber:

Under the National Environmental Policy Act (NEPA), the Council on Environmental Quality regulations, and Section 309 of the Clean Air Act, U.S. Environmental Protection Agency (EPA) reviews and comments on major federal actions. Typically, these reviews focus on Environmental Impact Statements (EIS), but we also have the discretion to review and comment on other environmental documents prepared under NEPA if interest and resources permit. EPA has reviewed the Draft Tier I Service Level Environmental Assessment (EA) for the above project. This letter provides our comments on that document and possible impacts related to the proposed project.

We previously provided scoping comments for this project on September 22, 2009 regarding purpose and need, alternatives, environmental impacts, and mitigation of unavoidable impacts.

We appreciate this document noted air quality improvements anticipated and the environmental savings from traffic and fuel efficiencies for the alternatives considered. Surface waters and wetlands were mentioned as possibly being impacted where bridge and culvert work may be needed, but identification of these sites and best management practices to be utilized are deferred to Tier II NEPA documentation. The preferred alternative requires a connecting segment be constructed in Wyanet, Illinois, and will need work done within the Pond Creek floodplain. This will be addressed in a separate Tier II document.

We acknowledge that the Tier I document provides extensive consideration of noise and vibration impacts, which is helpful; it indicates alternative A may impact 1,928 receptors and alternative B may impact 1,801 receptors. Although Appendix B provided some demographic information on Environmental Justice communities (EJ), it was not clear whether the alternate B noise impacts were focused in EJ areas. This Tier I document also did not identify sensitive

receptor locations for noise, such as hospitals and schools. The Tier I EA noted that these receptors might be more impacted under a future scenario of 5 round trip trains per day at increased speeds to 90 miles per hour (mph). That scenario will be considered in a supplemental Tier I EA evaluation.

The present document is focused upon the addition of 2 round trip trains per day along an established active corridor, operating at current 79 mph maximum speeds. At this level of operations, minimal impacts are anticipated. Greater impacts are anticipated if and when the service for this corridor upgrades to 5 round trip trains per day with speeds increased from Chicago to Wyanet, Illinois to 90 mph. Your agency proposes that these environmental impacts will be discussed in a supplemental Tier I EA.

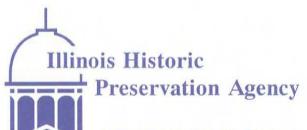
Thank you for the opportunity to comment on this Tier I document. We request that IDOT provide us with further Tier I and Tier II EA documents for this corridor project. If you have any questions on our comments, please contact me or Norm West of my staff, by phone at (312) 353-5692 or by e-mail at: west.norman@epa.gov.

Sincerely,

Kenneth A. Westlake

Chief, NEPA Implementation Section

Office of Enforcement and Compliance Assurance



FAX (217) 782-8161

1 Old State Capitol Plaza • Springfield, Illinois 62701-1512 • www.illinois-history.gov

Various Counties Chicago to Iowa City

Intercity Passenger Rail Service, Tier 1 EA Chicago to Wyanet to Quad Cities to Iowa City IHPA Log #013082009

October 14, 2009

George Weber, Acting Bureau Chief Illinois Department of Transportation Division of Public and Intermodal Transportation 300 W. Adams St., 2nd Floor Chicago, IL 60606

Dear Mr. Weber:

We have reviewed the information provided in the Environmental Assessment regarding the above referenced project. Our review is required by section 106 of the National Historic Preservation Act of 1966, as amended.

We advise that there may be properties of architectural, historical or archaeological significance that are on or eligible for the National Register of Historic Places within the project boundaries. This will require consultation with this office to avoid adverse effects as define in 36 CFR 800.

We look forward to receiving and reviewing the information we requested in a letter dated September 1, 2009, and working with you as the project continues.

If you have any questions, please contact Emilie Eggemeyer, Cultural Resources Manager, #1 Old State Capitol Plaza, Springfield, IL 62701, 217/785-3977.

Sincerely,

Anne E. Haaker

Deputy State Historic

Preservation Officer

c: Barbara Stevens, Illinois Department of Transportation

DEPARTMENT OF THE ARMY



CHICAGO DISTRICT, CORPS OF ENGINEERS
111 NORTH CANAL STREET
CHICAGO, ILLINOIS 60606-7206

Technical Services Division Regulatory Branch LRC-2009-515 OCT 15 2009

SUBJECT: Tier 1 Service Level Environmental Assessment (EA) for the Chicago to Iowa City Intercity Passenger Rail Service Project

George Weber Bureau of Railroads Bureau Chief Illinois Department of Transportation 100 W. Randolph Suite 6-600 Chicago, Illinois 60601

Dear Mr. Weber:

This office is in receipt of your August 19, 2009 correspondence requesting the participation of the Chicago District U.S. Army Corps of Engineers (Corps) as a cooperating agency in the review of the Tier 1 Service Level Environmental Assessment (EA) for the Chicago to Iowa City Intercity Passenger Rail Service project. The Illinois Department of Transportation and Iowa Department of Transportation, in conjunction with the Federal Railroad Administration, are initiating the information gathering phase of the EA for the proposed improvements included in the Chicago to Iowa City Intercity Passenger Rail Service Project.

The Corps cordially accepts the invitation to participate in the collaborative effort among Federal Government, States, railroads and other key stakeholders in facilitating the vision of a national network of high-speed rail corridors.

According to the EA, Tier 1 will establish purpose and need, estimate ridership, select the preferred route, identify the station stops, specify the service levels, define types of operation, and identify the logical next phases. Tier 2 will define specific construction activities which would be evaluated in subsequent Tier 2 NEPA documents.

The Corps will be required to evaluate the EA in accordance with the policy and procedures set forth in the rules governing the regulatory program of the Corps of Engineers, Title 33 of the Code of Federal Regulations Part 320 through part 332, and the policies and procedures for implementation of the National Environmental Policy Act (NEPA) at Title 33 of the Code of Federal Regulations Part 230. The goal of our review is to conclude that the activity will not have a significant adverse effect on the quality of the human environment

As part of the Corps requirements, the Tier 2 EA shall address all studies and surveys as required by Federal and state governing authorities and shall follow all policies and procedures in identifying aquatic resources and natural areas within the project corridor. The EA shall also

provide an assessment of the direct, indirect and cumulative effects that the project may have on federally jurisdictional areas such as rivers, streams, wetlands, etc., and if necessary, consider compensation to offset the proposed impacts. Please be informed that additional environmental studies and reviews may be required by this office once the NEPA/404 Review process is underway and the two proposed alternative site configurations are presented for comment.

These comments address activities within the Chicago District regulated area only which, terminates at the Kane-Kendall County border for Alternative A and at the Will-Kendall County border for Alternative B.

The Corps looks forward to working closely with Federal and other lead agencies in completing a comprehensive review of the supporting documentation pertaining to the project. If you have any questions, please contact Kathy Chernich of my staff by telephone at (312) 846-5531, or email at kathy.g.chernich@usace.army.mil.

Sincerely,

Chief, East Section Regulatory Branch

MITCHELL A. ISOE Chief, Regulatory Branch

Copy Furnished

U.S. Environmental Protection Agency (Westlake)

U.S. Fish and Wildlife Service (Rogner)



One Natural Resources Way Springfield, Illinois 62702-1271 http://dnr.state.il.us

Pat Quinn, Governor Marc Miller, Director

April 01, 2010

Barb Traeger Illinois Department of Transportation - CO 2300 S. Dirksen Pkwy, Room 330 Springfield, IL 62764

Re: #15795 - Track connection between BNSF & IAIS

Project Number(s): 1007996

County: Bureau

Dear Applicant:

This letter is in reference to the project you recently submitted for consultation. The natural resource review provided by EcoCAT identified protected resources that may be in the vicinity of the proposed action. The Department has evaluated this information and concluded that adverse effects are unlikely. Therefore, consultation under 17 Ill. Adm. Code Part 1075 is terminated.

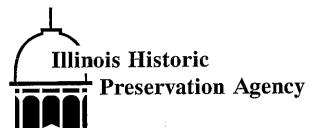
This consultation is valid for two years unless new information becomes available that was not previously considered; the proposed action is modified; or additional species, essential habitat, or Natural Areas are identified in the vicinity. If the project has not been implemented within two years of the date of this letter, or any of the above listed conditions develop, a new consultation is necessary.

The natural resource review reflects the information existing in the Illinois Natural Heritage Database at the time of the project submittal, and should not be regarded as a final statement on the site being considered, nor should it be a substitute for detailed site surveys or field surveys required for environmental assessments. If additional protected resources are encountered during the project's implementation, you must comply with the applicable statutes and regulations. Also, note that termination does not imply IDNR's authorization or endorsement of the proposed action.

Please contact me if you have questions regarding this review.

Steve Hamer Division of Ecosystems and Environment 217-785-5500

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1 Old State Capitol Plaza • Springfield, Illinois 62701-1512 • www.illinois-history.gov

Various County

PLEASE REFER TO:

IHPA LOG #013082009

Chicago to Iowa City Wyanet ONLY Intercity Passenger Rail Service, Tier 1 EA

May 3, 2010

John Walthall Illinois Department of Transportation 2300 S. Dirksen Parkway Springfield, IL 62764

Dear Mr. Walthall:

Acre(s): 0 Site(s): 0 Archaeological Contractor:

Thank you for submitting the results of the archaeological reconnaissance. Our comments are required by Section 106 of the National Historic Preservation Act of 1966, as amended, and its implementing regulations, 36 CFR 800: "Protection of Historic Properties".

Our staff has reviewed the archaeological Phase I reconnaissance report performed for the project referenced above. The Phase I survey and assessment of the archaeological resources appear to be adequate. The consultation for this segment of the project area is approved for purposes of the Tier 1 Environmental Assessment. We understand that further consultation will occur at subsequent project stages.

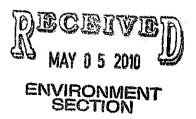
Sincerely,

Anne E. Haaker

Deputy State Historic

Preservation Officer

Haaker



July 20, 2010

Kane and DuPage Counties Intercity Passenger Rail Service Chicago to Iowa City Eola Yard Main Line Improvements Bureau of Railroads

IDOT Seq. # 15795A FEDERAL 106 PROJECT

NO HISTORIC PROPERTIES AFFECTED

Ms. Anne Haaker Deputy State Historic Preservation Officer Illinois Historic Preservation Agency Springfield, Illinois 62701

Dear Ms. Haaker:

Attached is a Phase I report completed by the cultural resources staff of HDR Engineering, Inc. of Omaha, Nebraska for proposed improvement to the Main Line of the Eola Yard located near Aurora, Illinois. No archaeological, architectural, or historic sites were identified within the proposed limits of the above referenced project. The cultural resources staff at IDOT concur with this finding.

In accordance with the established procedure for coordination of proposed Illinois Department of Transportation projects, we request the concurrence of the State Historic Preservation Officer in our determination that no historic properties, subject to protection under Section 106 of the National Historic Preservation Act of 1966 as amended, will be affected by the proposed construction activities.

Very truly yours,

John A. Walthall, PhD Cultural Resources Unit By: Deputy State Historic Preservation Officer
Date: 2010

July 26, 2010

Fish read

Mr. Steve Hamer
Transportation Review Program
Division of Environment and Ecosystems
Illinois Department of Natural Resources
1 Natural Resources Way
Springfield, Illinois 62702

By Some

Division of Impact Analysis

DOC 7-27-2010

RE: Chicago to Iowa City Intercity Passenger Rail Service Tier 1 Supplemental Environmental Assessment

Dear Mr. Hamer:

The Illinois Department of Transportation (DOT), in cooperation with lowa Department of Transportation, is preparing a Fiscal Year 2010 grant application to the U.S. Department of Transportation Federal Railroad Administration (FRA) for funding under FRA's High Speed and Intercity Passenger Rail Program (HSIPR) to implement a Service Development Program for new intercity passenger rail service between Chicago's Union Station and Iowa City, Iowa. FRA generally requires a tiered approach for National Environmental Policy Act (NEPA) compliance for HSIPR grant applications. The first tier, or Tier 1, is a Service Level, or programmatic assessment of the potential environmental effects of implementing new service. Decisions reached in the Tier 1 level normally include the preferred corridor, the Service Level, and the communities to be served. The second tier, or Tier 2, is a Project Level environmental review that evaluates the alternatives and specific impacts associated with the actual construction and operations of the various program elements, such as the location of a passenger station and the infrastructure improvements required for the new passenger service. The Tier 2 review normally only occurs after FRA has approved the grant application and the Service Level (Tier 1) document.

In September 2009, Illinois DOT and Iowa DOT submitted a similar grant application to FRA that was not funded. As part of the FY 2009 grant application, Illinois DOT prepared a Service Level (Tier 1) Environmental Assessment (EA) (please reference the Illinois DOT coordination letter submitted to your office on August 19, 2009). Although our FY 2009 grant application was not successful, FRA has indicated that Illinois DOT can resubmit the 2009 Service Level (Tier 1) EA as part of our FY 2010 HSIPR Grant Application.

Mr. Steve Hamer Page Two July 26, 2010

However, FRA did request that Illinois DOT provide some supplemental information to more fully support the 2009 EA. Specifically, FRA requested that the Illinois DOT provide additional Service Level information concerning the potential effects of the construction of a new railroad connection between the lowa Interstate Railroad and the BNSF Railway near Wyanet, Illinois (Wyanet Connection) and information on railroad capacity improvements that will be required in the vicinity of the BNSF's Eola Rail Yard, near Aurora, Illinois (Eola Main Line Improvements).

Should FRA approve Illinois DOT's grant application and service development plan, both the Wyanet Connection and the Eola Main line Improvements will be required in order to implement new intercity passenger service on the preferred corridor from Chicago to Iowa City. Therefore, FRA is asking for concept level environmental review information on the Wyanet Connection and the Eola Main Line Improvements to assist them in reaching a decision on the Service Level (Tier 1) EA. It is important to understand that should FRA approve Illinois DOT's grant request, the next step in the development process will be to conduct the detailed Project Level (Tier 2) NEPA review of the various project elements, including both the Wyanet Connection and the Eola Main Line Improvements. The Project Level (Tier 2) NEPA review will include the full range of alternatives evaluation, impact assessment and mitigation development, including permit applications. The detailed engineering and alternative analysis at both Wyanet and Eola will be completed concurrent with the Project Level (Tier 2) NEPA review. Illinois DOT will comply fully with our current environmental procedures and will coordinate the future Project Level (Tier 2) NEPA reviews with all of the appropriate federal and state agencies. The only intent of the Supplemental Information prepared for the Service Level (Tier 1) EA with respect to the Wyanet Connection and the Eola Main Line Improvements is to demonstrate to the FRA that if avoidance alternatives are not practicable, environmental impacts from new intercity passenger rail service between Chicago and Iowa City can be satisfactorily mitigated.

In order to construct a connection between the lowa Interstate Railroad and the BNSF.Railway lines to transfer the passenger trains from one route to the other, a short connecting track will be required in the northwest quadrant where the two rail lines cross. The Wyanet Connection would require the relocation of approximately 2,050 feet of Pond Creek. During the original construction of the Iowa Interstate Railroad (former Rock Island Railroad) in the mid 1800's in the vicinity of the Wyanet Connection, Pond Creek was channelized and relocated to the north side of the railroad embankment. Attached is a detailed discussion of Pond Creek including conceptual mitigation to address the impacts to Pond Creek. Please note that should FRA approve the grant application all possible alternatives to avoid, minimize and compensate for any impacts to Pond Creek will be fully evaluated and all appropriate permits will be obtained during the Project Level (Tier 2) NEPA review.

Mr. Steve Hamer Page Three July 26, 2010

The improvements at Eola include the construction of a new main track connecting Metra's Aurora Transportation Center to the BNSF main tracks to Chicago, to reduce conflicts between Metra trains and the proposed new intercity trains. The new track will impact approximately 4,920 linear feet of a surface drainage feature. The feature is located lengthwise between BNSF's Eola Yard and the existing main tracks. Currently, approximately 80 Metra trains, 50 BNSF trains and 8 Amtrak trains use these main tracks per day. Attached is a detailed discussion of the resources that would be affected by the Eola Main Line Improvements and concepts of impact mitigation. Please note that should FRA approve the grant application all possible alternatives to avoid, minimize and compensate for any impacts will be fully evaluated and all appropriate permits will be acquired during the Project Level (Tier 2) NEPA review.

FRA requested that Illinois DNR, as the state agency with specialize expertise in addressing natural resource issues in the state of Illinois, review and comment on the attached proposed concepts for both the Wyanet Connection and Eola Main Line Improvements. We request your concurrence of the general mitigation concepts for impacts to aquatic resources developed during Tier 1. Illinois DOT fully understands that your comments on the attached Service Level concepts are preliminary and subject to modification during the future more detailed Project Level NEPA evaluation.

Sincerely,

Scott E. Stitt, P.E.

Acting Engineer of Design and Environment

arbara D. Decens

By: Barbara H. Stevens

Chief of Environment Section

Attachment

Attachment 10 Comments and Responses





EA Comments

Aleksy, Donald - City of LaSalle-Office of Economic Development Comment ID: 13

Address: 745 2nd St Date: 9 /24/2009 LaSalle, IL 61301 Comment Email

Comment: The City of LaSalle would fully support Amtrak Rail Service through our city. It would be a benefit for

economic development for our downtown.

Topic(s): Support B Response: Comment noted

Aleksy, Donald - City of LaSalle-Office of Economic Development Comment ID: 17

Address: 745 2nd St Date: 9 /22/2009

> LaSalle, IL 61301 Comment Letter

Comment: I am writing in response to the Illinois Department of Transportation's notification that a passenger

rail line is being considered between Chicago and Iowa City. We are pleased to hear of these discussions. Specifically that the City of LaSalle is being considered under Alternative "B". This would be a boost to our economic development efforts here in LaSalle. Amtrak Service with a stop in LaSalle would be beneficial for many reasons. The first is that it will support our tourism efforts with the Lock 16 Project of the Illinois Heritage Corridor with our new Canal Boat. In addition, our citizens would have easy access to Chicago not currently available. They now have to travel 20 miles north to Mendota to access this service. We have many veterans who require transportation to the lowa City Veteran's Hospital. This would be a great benefit to our Veteran's Home in supplying transportation service. Our area is also a tourism hub with proximity to many State Parks and other historical sites in the area. I believe the combination of needs for veteran transportation, tourism attractions and the need of our citizen's to have direct access to Chicago makes the City of LaSalle a strong candidate to host a stop along the Alternative "B" Plan. I look forward to speaking with [you] about this project. If you need further information, please do not hesitate to contact me.

Topic(s): Support B Response: Comment noted

Anderson, Brenda Comment ID: 68

Address: 21W551 North Ave Date: 10/5 /2009 Lombard, IL 60148 Comment Website

Comment: My daughter and I live near Chicago, and she is considering enrollment at Iowa State University. We

are concerned about the lack of options available for public transportation between Chicago and various cities in Iowa. Passenger rail service between Chicago and Iowa City would be a great start!

More students would be encouraged to come to lowa if rail service were available.

Topic(s): General Support Response: Comment noted

Comment ID: 20 Anonymous,

Date: 9 /28/2009 Address: Comment Website

Comment: There already is a train running from Chicago through Mendota and to Princeton. If it went the

southern route it give access to Joliet, Morris and LaSalle. Both connect at Wyanet.

Topic(s): Support B Response: Comment noted

Bachman, Jason Comment ID: 9

Address: Date: 9 /23/2009 Website

Lake Zurich, IL Comment

Comment: How much traffic today runs between the cities on the line? What data do we have about this?

Topic(s):Transportation Response: Pages 3-4 and 3-5 of the environmental assessment provide

information on current train traffic on the rail lines proposed to

be used for the passenger rail service.

Bacon, Elizabeth - Experlex, LLC Comment ID: 62

Address: 2333 Dunmore Dr Date: 10/4 /2009 Darien, IL 60561

Comment Website

Comment: Great idea!!!

Topic(s): General Support Response: Comment noted

Bacon, Robert Comment ID: 63

Address: 8546 Thistlewood Ct Date: 10/4 /2009

Darien, IL 60561 Website Comment

Comment: This proposed service would be a great addition to rail options in the midwest. It makes sense

environmentally, logistically and, very likely, financially. To Connect Chicago with efficient passenger

rail service into the central midwest (and beyond) would be a part of the rebirth of a vital and

affordable transportation option that will serve tens of thousands of people for years to come. Let's get on

with it!

Topic(s): General Support Response: Comment noted

Beat, Robert Comment ID: 26

Address: 3726 Vogel Ct Date: 9 /29/2009 Bettendorf, IA 52722 Website Comment

Comment: I think the choice of any route will result in positive benefits for rail travel. It would be nice if it could

ultimately interface with national AMTRAK routes without having to go to Chicago. I think

consideration should be given to encouraging bus companies to offer connecting service between medium-sized communities and selected AMTRAK rail stations to extend the reach of rail travel

throughout the region.

Topic(s): General Support Response: Comment noted. As discussed on page 2-1 in the EA, bus

service would be provided as part of the ultimate service level.

Comment ID: 29 Belz, Nat

Date: 9 /29/2009 Address: 15 Westchester Dr

Website Asheville, NC 28803 Comment

Comment: Go for it! I'll use it whenever I come home!

Topic(s): General Support Response: Comment noted

Biermann, John Comment ID: 52

Date: 9 /29/2009 Address: 1697 33rd Ave Ct

Meeting Comment Form East Moline, IL 61244 Comment

Comment: I fully support Amtrak's' proposed route through the Quad Cities. My wife and I have traveled Amtrak

about 10,000 miles over the past 7 years (to Washington DC, Los Angeles, CA; Whitefish, MT). We normally board in Galesburg, IL, to connect in Chicago. The connection in the Quad Cities would be far more convenient for us. We have trips planned in 2010 to Montana and San Francisco, CA, both by rail. In addition to long-distance connections, the commuter traffic and usage would greatly benefit from a Quad Cities connection alleviating the problems of battling Chicago traffic/parking and saving fuel.

Topic(s): General Support Response: Comment noted

Bloom, Andrea - The Earlville Post Comment ID: 35

Address: PO Box 487 Date: 9/30/2009

Earlville, IL 60518 Comment Email

Comment: Thank you for this information. As the proposed northern route passes through the two communities

covered by our newspaper, Earlville and Leland, Ill. (between Plano and Mendota), we are wondering:

Would the passenger trains stop here, to give people the benefit of convenient transportation to Chicago and elsewhere? Or would they just increase the already frequent and painfully loud rail traffic passing through our business and residential neighborhoods night and day?

Topic(s): Noise Response: Existing stations at Plano and Mendota would continue to

provide passenger rail service; a station is not planned for Earlville. As discussed in the EA (pages 3-32, 3-33, and sheets 18, 19, and 20 for the Route A Alternative in Appendix C), noise levels would minimally increase in Leland and Earlville.

Borgstrom, Robert Comment ID: 84

Address: 2596 Creekside Date: 10/9 /2009
Morris, IL 60450 Comment Website

Comment: The CSXT Rail line moves freight now through many towns one being Morris. The rail traffic has

increased over the years and will continue to do so with the new Seneca intermodal being developed. We can not control the time of the rail traffic so at two in the morning when the conductors love to sound the horn we are at their mercy. With so many houses on the rail line I think it would be a tremendous mistake to open the freight rail line for passengers. If this project goes through, how many more our down the line? I can't state this opinion strong enough. Please keep me updated on the progress of this project. Thank you for this opportunity to voice the opinion of many

Morris residents.

Topic(s): Opposition to B Response: As discussed in the EA (pages 3-34, 3-35, and sheets 17 and

18 for the Route B Alternative in Appendix C), noise levels

would minimally increase in Morris.

Borgstrom, Chris Comment ID: 85

Address: 416 Liberty St Date: 10/9 /2009

Morris, IL 60450 Comment Website

Comment: I am an individual living in Morris, Illinois, which is located along this proposed corridor. I understand

that you are studying the human, natural, and economic impacts of expanding the use of rail along this corridor. I oppose any expansion of rail use. Our human environment already has too much pollution--from the exhaust of these engines and noise--the disruption of peaceful neighborhoods, and the possible disruption of the natural environments along the way. The small chance of having a positive economic impact would be overshadowed by the greater cost to the human and natural

environments.

Topic(s): Opposition to B Response: As discussed on pages 3-50 and 3-51 in the EA, emissions of

particulate matter and nitrogen oxides would minimally increase. Emissions of carbon monoxide and hydrocarbons would decrease when considering train emissions and reductions in emissions from vehicles and planes. As discussed in the EA (pages 3-34, 3-35, and sheets 17 and 18 for the Route B Alternative in Appendix C), noise levels would minimally increase in Morris. Pages 3-15 through 3-17 of the EA discuss the economic impacts of the proposed passenger rail service.

Breisch, David Comment ID: 51

Address: 3046 4th St, Unit 8 Date: 9 /29/2009

Moline, IL 61265 Comment Meeting Comment Form

Comment: I am a strong supporter of increased passenger rail service in the country, as well as between

Chicago and the Quad Cities/Iowa City. As a resident of the Quad Cities, I currently drive to the Chicagoland area about once a month. I look forward to the day that I can take the train instead of drive. Also, it would be a great asset to our region and would provide fantastic economic and

environmental benefits.

Topic(s): Support A Response: Comment noted

Breitwieser, Susan Comment ID: 94

Address: 428 Armstrong St Date: 10/14/2009

Morris, IL 60450 Email

Comment: Please do not allow this project to go any further...My back yard backs up to freight railway tracks.

The freight traffic has increased so much. It used to be that only a couple trains late at night went thru. Now there are many. These conductors do not care either that they are waking everyone in the neighborhood up. The old conductors used to give quick blows of their whistles before the intersection, now they begin before the intersection and lay on the horn thru the next intersection. I can not tell you the last night that I was able to get the required eight hours of sleep. I work day shift, and every day I am so tired. Now I see that there are folks wanting to have commuter trains use those tracks from Chicago to Iowa City. I personally do not want this to happen. There are MANY children in my neighborhood. I would hate to see anyone get hurt by those fast passenger trains. Not to mention the noise. As I mentioned earlier, the train traffic has already increased a lot. It is very loud as it is. I have planted many evergreen trees both at the edge of my property near the tracks as well as near the back of my house trying to diffuse some of the noise. Believe me it does not work! I am asking that everyone who is involved in this project please, please think of the little people. I am still fortunate enough to have a job, so I am able to pay for my mortgage. I can not afford to move. Even if I could, I am sure that with increased train traffic the value of my property will go down drastically! I do not see this helping our economy in any way what so ever. Please, please share my

Topic(s): Opposition to B Response: As discussed in the EA (pages 3-34, 3-35, and sheets 17 and

> 18 for the Route B Alternative in Appendix C), noise levels would minimally increase in Morris. Pages 3-26 and 3-27 of the EA discuss public safety; grade crossing warnings would be upgraded and highway congestion would decrease, improving

safety.

Buczek, Mary - Iowa Association of Railroad Passengers Comment ID: 100

concerns with everyone involved. I hope to get a reply to my message.

Address: 1422 W 9th St Date: 10/15/2009

Davenport, IA 52804 Comment Website

Comment: After viewing the environmental study and previously the Amtrak study. I want to express my support

of passenger rail service between Chicago and Iowa City. I support the route using the BNSF to

Wyanet, Illinois then connecting to the Iowa Interstate to the Quad Cities and Iowa City.

Environmentally the train will help conserve oil usage by using less fuel then automobiles driving between the cities. I have discussed passenger train service with several people. Almost all are supportive of having passenger train service and would use it as an alternative mode of travel.

Topic(s): General Support Response: Comment noted

Cechner, Thomas Comment ID: 71

Address: 216 North Ave Date: 10/6 /2009 Lockport, IL 60441 Comment Website

Comment: The southern route along the Illinois river is better. The route is more scenic and under served. This

will bring more people into the system. There are state parks along the way and major towns

Minooka, Morris, Marseilles, Ottawa, La Salle and Peru.

Topic(s): Support B Response: Comment noted

Collette, Rondi Comment ID: 58

Address: 215 Waubansee Date: 10/1 /2009

Minooka, IL 60447 Comment Website

Comment: Since we live close to the Plan B route, we would prefer that alternative. That way we could actually

use what our tax dollars are paying for, for a change.

Topic(s): Support B Response: Comment noted Costigan, Michael Comment ID: 89

Address: 22949 S Frances Way
Channahon, IL 60410
Comment
Date: 10/9 /2009
Website

Channanon, IL 60410 Comment Website

Comment: I believe this to be a sound proposal that offers several benefits for the residents of the region. We

sorely need transportation alternatives to flying and the use of highways. Building more highways and airports/runways is no longer the most viable or economically feasible solution. We need diversification in our transportation choices, and choices that are economical and practical. This proposed rail service would help to ease severely crowded highways and offer a viable alternative to flying. Both of the proposed routes of "A" and "B" from lowa City to Chicago have their advantages. Please do one. I travel to both the Quad Cities and lowa City with some frequency. Rail service would be far more attractive than driving I-80. It would offer a safe and relaxing mode of

transportation. One could even work and study while traveling.

Curry, Marie Comment ID: 83

Address: Date: 10/8 /2009

Response: Comment noted

Lockport, IL 60441 Comment Info Line

Comment: We're in desperate need of some transportation into Iowa. I have to go into Iowa...there's no

form...other than I have to go into Chicago and I still can't get into the cities I want in Iowa. So I'm

certainly looking forward to having some transportation into lowa City.

Topic(s): General Support Response: Comment noted

Dalton, Larry Comment ID: 49

Address: 2410 Warren St Date: 9 /29/2009

Davenport, IA 52804 Comment Meeting Comment Form

Comment: Would like to see the northern route. It would be an economic boost to the Quad Cities. It would be

better for the environment. With the colleges we have from lowa City to Chicago, would be a real need for train transportation. It would be good for a commuter train. It would benefit both lowa and

Illinois.

Topic(s): General Support

Topic(s): Support A Response: Comment noted

Dessner, Pat - Workplace Solutions Comment ID: 21

Address: 12036 County Road X17 Date: 9 /28/2009

Columbus Junction, IA 52738 Comment Website

Comment: This would be a great service.

Topic(s): General Support Response: Comment noted

Diehl, Tracy - Village of Annawan Comment ID: 92

Address: 203 W Front, PO Box 446 Date: 10/13/2009

Annawan, IL 61234 Comment Letter

Comment: I am writing in support of the State of Iowa and State of Illinois ARRA application for passenger rail

service between Chicago, Quad Cities and Iowa City. While the train would not be stopping in Annawan specifically, we do feel the train stopping in the area would make a positive impact all surrounding communities here in Henry County. It would potentially bring more people to the area who would in turn shop at our stores and stay at our hotels. The other plus for the train to stop in the area is, while we can get on the train in Princeton or Kewanee, it would give those closer to Geneseo a near by location to use this transportation. Lastly as we all have celebrations in our community and this would give those traveling to said events a different outlet for transportation. Again, this will then help with commerce in our locations. Not to mention adding to attendance to our community festivals. If I can be or any further assistance, please don't hesitate to contact me here in Annawan. Best of

luck with your decision! Thank you for your time and consideration.

Topic(s): General Support Response: Comment noted

Dumelle, Christopher Comment ID: 6

Address: 605 N Grove Ave Date: 9 /23/2009 Oak Park, IL 60302 Comment Website

Comment: I believe the Northern Route would run more closely through the center of the Chicago area's

population, allowing it to serve more riders more easily than the Southern Route.

Topic(s): Support A Response: Comment noted

Eberhardt, Patrick - City of Geneseo Comment ID: 54

Address: 115 S Oakwood Ave Date: 9/29/2009 Geneseo, IL 61254 Comment Letter

Comment: I am writing this letter to express support for an application being submitted by the lower department of Transportation (DOT) under competitive grant funding made available through the American Recovery and Reinvestment Act (ARRA). The Illinois DOT is collaborating with the Iowa DOT to seek High Speed Rail corridors and Intercity Passenger Rail Service (HSIPR) funding through a Track 2 application. These funds would support continued environmental impact analysis, track infrastructure construction and improvements, layover facility construction and station improvements to implement service between Chicago and Iowa City, Iowa. Approval of this application would allow Illinois to move forward with its mission of providing fast, frequent and reliable train service to as many Illinois communities as possible. The implementation of this project would help create jobs, improve our nation's transportation infrastructure and assist in providing transportation alternatives to the citizens of northwestern Illinois. The City of Geneseo City Council recently passed a resolution in support of a passenger rail route from Chicago to the Quad Cities. The City owns property adjacent to the lowa Interstate Railroad tracks in the downtown corridor, which is suitable for development as a future station site. This property is adjacent to the 1900-era depot building, and could also be utilized as parking if the former depot building were deemed appropriate for restoration as a modern station facility. The community is supportive of having a passenger rail station, and the City's 1997 comprehensive Plan (updated 2005) includes development of the aforementioned site as a passenger rail station. This project is strongly supported by those in our community and so we respectfully encourage you to take full consideration of this application.

Topic(s): General Support Response: Comment noted. As noted on page 2-5 in the EA, the location

of the proposed Geneseo station will be determined and

documented in a Tier 2 project-level NEPA document.

Eschbach, Robert - City of Ottawa

Address: Date: 10/15/2009

Comment Email

Comment ID: 98

Comment: As members of the Illinois Valley Corridor Steering Committee, we are in favor of the Route B Alternative as described in the Chicago to Iowa City Intercity Passenger Rail Service Tier 1 Service Level Environment Assessment. We are not aware at this time if those responsible for this aforementioned document has any knowledge of a feasibility study that has already been performed, as well as what is proposed in the near future for a 60 mile section of the Route B Alternative. In August of 2003 an Illinois Valley Commuter Rail Feasibility Study was complete for the 60-mile corridor from Joliet to LaSalle/Peru. This study concluded that the existing CSX rail line is physically, operationally, and financially feasible for commuter rail operations. For more in depth information on this study, please se the following website: www.cityof Ottawa.org. Since that time this committee had been working to secure funding for the next phase of studies. We are happy to report that the funds have been secured and we are anxiously waiting to start a comprehensive transportation corridor study. The Chicago to Iowa study states that Route A already has passenger rail through almost half of its proposed route. Therefore, Route B would make a better alternative by providing service to area that are not currently being served by commuter rail. This commuter rail service, thus reducing vehicular traffic on the already congested highways. It would seem to be more financially feasible to examine the existing Phase I Feasibility Study and wait for the results of the planned Phase II study as both of these are either paid for or fully funded. We believe that this has the potential to save a tremendous amount of revenue, while answering the questions regarding the anticipated cost estimates associated with proposed track improvements, grade crossings and new

signals. Should you have any questions or comments please contact Tami Huftel, City Planner for the city of Ottawa at (815) 433-0161 ext. 40. (Also signed by Mayor Richard Kopczick, Mayor David Spicer, Mayor Scott Harl, Mayor Pro Tem Robert Davis and Mayor Fred Esmond)

Topic(s): Support B

Response: Thank you for your comment in support of the Chicago to Iowa City Intercity Passenger Rail Service. We have reviewed the August 2003 Illinois Valley Commuter Rail Feasibility Study. The EA for the Chicago to Iowa City Intercity Passenger Rail Service considered alternatives for intercity passenger rail. Chapter 2 of the EA discusses the merits of the Route A and B Alternatives and concluded that the Route B Alternative is a longer route, would require more time for trains to travel from Chicago to Iowa City, and would require more upgrade of rail, signals, and other infrastructure. The Route B Alternative would not attract as many riders as the Route A Alternative, and fewer vehicle, bus, and plane trips would be diverted to rail. Emissions from trains would be higher from the Route B Alternative and would not be offset by trip diversions as much as Route A. Environmental impacts (wetlands, streams, and hazardous waste sites) would be greater on Route B. Taking all of these factors into consideration, the Preferred Alternative for the intercity passenger rail is the Route A Alternative. Commuter rail from Joliet to La Salle would serve a different function than the proposed intercity passenger rail service and selection of the Route A Alternative does not preclude the development of a commuter rail system from Joliet to Peru/La Salle.

Fabian, Karen - KET Corporation Comment ID: 28

Address: PO Box 764 Date: 9 /29/2009

Morris, IL 60450 Comment Website

Comment: Having a passenger train stop in Morris would definitely improve commerce in our town. Please go

with alternative plan B.

Topic(s): Support B Response: Comment noted

Fries, Richard and Rebecca Comment ID: 88

Address: 1020 Buell Ave Date: 10/9 /2009

Joliet, IL 60435 Comment Website

Comment: We understand there used to be a train that went from Chicago to Iowa City, the Rock Island and it would be great to have it back. We think it would be great to have a train from Chicago to Iowa City that goes through Joliet. There are many students from Joliet that attend the University of Iowa and this would be a great way to get home and back. It would also be nice to be able to visit Iowa City from Joliet for football games, basketball games and visiting friends and not have to drive. We are both alumni from the University of Iowa and believe there are many more here in Joliet. It is a great

idea and we think it should be done.

Topic(s): General Support Response: Comment noted

Gehrke, Judith Comment ID: 90

Address: #1 Linder Lane NE Date: 10/11/2009
Iowa City, IA 52240 Comment Website

Comment: The Delbert Gehrke family of Iowa City, Ia. is ecstatic about the proposal to have train service

between Mendota and I.C. We were raised in Mendota and 10 of us now live in I.C. My husband worked for the Iowa Athletic Dept for 35 yrs and I taught school. Our children and grandchildren are here as well as many friends and students at U of Iowa that are from the Mendota area. There are many Hawk fans in the area and student parents that travel from Mendota to I.C. Our hospitals, UIHC and VA service many people in the Mendota area. I travel from I.C. to Mendota to visit my Mother

every 10 days. The truck traffic on I80 is stressful and many seniors will find the train service that passes the beautiful countryside/over Miss. river a real vacation trip. We already took a train from Mt. Plesant to Princeton...just "experience a train ride" but there was no Mendota stop (disappointing). Hurray for the Mendota lowa City train. Count 10 votes from us.

Topic(s): Support A Response: Comment noted

Hahn, Jerry - Hahn Studio Comment ID: 69

Address: 113 S Ward St Date: 10/6 /2009

Geneseo, IL 61254 Comment Email

Comment: SUBJECT: I am writing in support of the State of Iowa and State of Illinois ARRA application for passenger rail service between Chicago, Quad Cities, and Iowa City. I am a retired employee of the US Army Corps of Engineers (Rock Island). During the mid 1960's (while in the military) and beginning in 1969 as a resident and small business owner here in Geneseo, I fully enjoyed and profited by the existence of passenger rail service to points east and west. I utilized passenger rail service coast to coast for business travel, and personal and recreational purposes. As a Human Resources Manager responsible for staffing at the Corps of Engineers District Office, travel arrangements for new employees often included train travel. The gradual loss of this option complicated travel planning and was more costly. Enjoyable and affordable rail access to locations east and west for business travel, educational purposes (college travel for children), and plain old family fun train trips to places like Chicago were not there as a travel option during much of this time. I fully support the idea of reigniting passenger rail service across this part of the Midwest, especially this Chicago through Geneseo to the Quad Cities and Iowa City segment. I cannot help but believe that the economic, job creation, educational, recreational, and overall quality of life impacts will be

100% positive.

Topic(s): General Support Response: Comment noted

Hannafan, Terrence Comment ID: 12

Address: 1715 N 8th St
Clinton, IA 52732
Date: 9 /24/2009
Website

Comment: Good morning, I firmly support expanded passenger rail service in the upper Midwest. Two

suggestions for future routes: Chicago-Clinton-Cedar Rapids; Minneapolis-St. Louis. Thank you.

Topic(s): General Support Response: Comment noted

Hausler, Bob - City of Plano Comment ID: 16

Address: 17 E Main St
Plano, IL 60545

Date: 9 /23/2009
Email

Comment: Hi Amanda, The City of Plano, Illinois supports the Chicago, Illinois and Iowa City, Iowa Alternate

Route "A" rail line with stops in Plano, Illinois. Thank You,

Topic(s): Support A Response: Comment noted

Hausler, Bob - City of Plano Comment ID: 8

Address: 17 E Main St
Plano, IL 60545

Date: 9 /23/2009

Comment

Email

Comment: Rick, The City of Plano, Illinois supports the Chicago, Illinois and Iowa City, Iowa Alternate Route "A"

rail line with stops in Plano, Illinois. Thank You, Mayor Robert A Hausler, City of Plano, Illinois

Topic(s): Support A Response: Comment noted

Helsell, Charles Comment ID: 59

Address: 551 Ashton Place NE, Apt 4

Cedar Rapids, IA 52402

Date: 10/1 /2009

Email

Comment: I have heard about this proposed passenger train route (Iowa City to Chicago via Quad Cities) and

support such a route added to Amtrak's system. It does seem to me that such a route would benefit from having Cedar Rapids as the terminus rather than lowa City. In other words, that the route would start in Cedar Rapids and continue to lowa City, etc. I say this not just because I live in Cedar Rapids

and would use that passenger train to visit Chicago (and, possibly, to go on to other Amtrak

destinations) but because I see Cedar Rapids as a much larger metropolitan area than lowa City and including it in a proposed route would add considerably to passenger use of the route and to the financial viability and success of the route. There may be some very good reasons why Cedar Rapids is not or cannot be considered for this route including difficulty linking Cedar Rapids with the lowa City route or other difficulties. I only provide this (and this may be the wrong organization to suggest this to) because it seems like such an obvious city to include in your plans.

Topic(s): General Support

Response: Iowa City was identified as the western terminus of the proposed Chicago to Iowa City Intercity passenger rail service based on the University of Iowa and area hospitals. A substantial number of University students are from Illinois; it is anticipated that many of these students, family, and others would travel by train from Iowa City to various destinations between the Quad Cities and Chicago. Traffic generated by the hospitals, the business community, and area residents would add to the rail service demand.

The proposed Chicago to Iowa City Intercity passenger rail service would use the existing Iowa Interstate Railroad (IAIS) from Wyanet, Illinois to Iowa City to provide service from Chicago to Iowa City via the Quad Cities (the Quad Cities was previously identified as a destination from Chicago within the Midwest Regional Rail System). The IAIS rail line extends from Utica, Illinois through Wyanet, Illinois to the Quad Cities and continues across southern Iowa to Iowa City, Des Moines, and Omaha. Iowa DOT has submitted a Track 3 application to extend passenger rail service across Iowa to Omaha. The Midwest Regional Rail Initiative identified the IAIS rail line as the route for the proposed Chicago to Omaha passenger rail service based on available line capacity (the IAIS line is lightly used for freight traffic, as compared to the heavily used Union Pacific and BNSF Railway lines).

Cedar Rapids, Iowa has been identified as one of the locations for the proposed feeder bus system that would link additional Midwest cities to the Midwest Regional Rail System. Feeder bus system service is anticipated to begin with the ultimate service level of five round-trip trains per day.

Comment ID: 37

Hodgden, Dianna

Address: Date: 10/1 /2009
Comment Email

Comment: I would like to voice my support for a rail service linking lowa City with Chicago. Our son lives in Chicago and traveling to see him has become difficult due to older age. This service would benefit

us greatly.

Topic(s): General Support Response: Comment noted

Jirak, David Comment ID: 25

Address: 3229 Middle Rd Davenport, IA 52803 Date: 9 /28/2009 Website

Comment: Use Route A...It's the fastest route from QCA to Chicago. If we are going to make Amtrak appeal over automobiles we need to get people to their destinations as fast if not faster than automobiles.

Topic(s): Support A Response: Comment noted

Johnson, Roger Comment ID: 45

Address: 12 Walbrier Ct Date: 9 /29/2009

LeClaire, IA 52753 Comment Meeting Comment Form

Comment: We use Amtrak to visit two children in Chicago. Anxious for Moline service! No place to park in

Chicago - they don't want your car. Tickets are less than auto parking (~ \$50/nt) Traffic delays in Chicago avoided. No charge for bags. No lost bags. Big seats. Can walk around on-board. Can buy last-minute ticket at fair price - unlike airlines. Airports are subsidized, highways are subsidized - so rail merits support also. No toll booths. Can arrive 10 minutes early and just get on - no BIG DEAL. Under 300-400 miles - airlines are not competitively priced.

Topic(s): General Support Response: Comment noted

Kass, Glenn Comment ID: 43

Address: 3630 Pine Ridge Ct, Apt 205 Date: 9/29/2009

Moline, IL 61265 Comment Meeting Comment Form

Comment: Option A is definitely the choice. It appears to have the most logical build process and timeline. It also has the support of the various entities that must sign-off. Couple of questions: 1) Why are there more environmentally friendly trains in Europe than here? Seems we could further impact that area unless there is a reason? Particulate matter has hurt the QC so what is the impact with this project? Up or down in levels? 2) How would this affect our airport in Moline? I would not want to shift resources and loose that valuable service. 3) We have been told publicly "within two years" this could begin. The charts show 2014 for start of service. Isn't this project more in the "New Deal" area the federal recovery act should serve? Why are there no funds to assist Moline, lowa City and Wyanet to get this program moving? Moline definitely doesn't have, nor will they have, the \$mil that is needed for the station. I fully support this project. If the extra time is needed to do it right and avoid an "I80" bridge scenario in the future, then take it. However, a better job of communicating expectations to the public would be nice. I want to thank the federal, state, regional and local reps that keep pushing this program. Paul Rumler, et.al, should be recognized. But push harder and make the dollars work.

Topic(s): Support A Response: Comment noted

Topic(s): Transportation Response: Federal grant money has been applied for to construct the track.

> signaling, and related infrastructure improvements. The proposed Moline station is anticipated to be part of the transportation-oriented development planned for downtown Moline, as discussed on pages 2-5 and 3-16 in the EA.

Topic(s): Air Quality Response: As discussed on page 3-49 in the EA, emissions of particulate

matter would minimally increase.

Comment ID: 24 Lange, Richard

Address: 532 8th St Date: 9 /28/2009 LaSalle, IL 61301 Comment Website

Comment: 1) the corridor maps discussed on radio PSAs and the home page don't appear on this web site. 2) Absent those corridor maps I'm working from my geographic memory of the rail grades in the area. Comment: The "northern option" from Wyanette, IL into Chicago simply expands service to towns already serviced by Amtrak (i.e.) Mendota, Plano, etc. The "southern option would provide likely provide service to LaSalle, Ottawa, Morris connecting / expanding existing service to Joliet. As a citizen of LaSalle, IL and a user of Amtrak (Mendota connection) my preference would be the "southern option" expanding travel and connection options to thousands of users and non-current users alike. Richard Lange

Topic(s): Support B Response: Comment noted

Latino, Mike - Exelon Corporation Comment ID: 86

Date: 10/9 /2009 Address: 16850 Swift Arrow Dr Lockport, IL 60441 Comment Website

Comment: I would be very much in favor of a train route between Chicago and Iowa City. I live in the Joliet area and my daughter is attending University of Iowa. I as well as several of my friends from the area who

also have children at U of lowa, discuss frequently how unfortunate it is that there is only a bus

option. This would be a great addition to the transportation grid in the Midwest.

Topic(s): General Support Response: Comment noted Latino, Mike - Exelon Corporation

Address: 16850 Swift Arrow Dr Date: 10/9 /2009 Lockport, IL 60441 Comment Email

Comment: I would be very much in favor of a train route connecting lowa City and Chicago. I live in the Joliet

area and my daughter attends the University of Iowa. I also have several friends who are similarly situated. We often comment on the lack of transportation options. The bus is the most available

choice. Train service would greatly enhance the transportation grid in the Midwest.

Topic(s): General Support Response: Comment noted

Lohman, Brett - Lohman Companies Comment ID: 55

Address: 935 S Oakwood Ave, PO Box 297 Date: 9 /29/2009

Geneseo, IL 61254-0297 Comment Letter

Comment: I am writing you to express my support for the passenger rail service between the Quad cities and Chicago with a stop in Geneseo. We would find a stop in Geneseo for convenient for to commute to Chicago to meet with the Insurance Companies we do business with as well as customers we have

in Chicago. I would also like to share with you that when my father and uncles came up with the idea to build the Illini Beef plant is Joslin, II (now known as the Tyson plant) passenger service on the Butterworth car was instrumental in getting this development off the ground. My father and uncles made weekly trips to Chicago for many years to get financing, design the plant, interview potential management candidates, sell stock in the company, and line up potential purchasers of the product. They also had to run their own company at the same time so available time was in short supply. The passenger service offered on the Butterworth car allowed them to board downtown Geneseo then meet with each other and other employees and board members on the way up to Chicago and back as well as the time saving of getting off the train downtown Chicago and being just blocks away from

their appointments.

Topic(s): General Support Response: Comment noted

Lorenz, Jr, Francis Comment ID: 10

Address: 6331 N Knox Ave Date: 9 /23/2009 Chicago, IL 60646 Comment Website

Comment: Hooray! The more viable options for travel, the better. As a nation, we need to expand rail service,

especially true "High Speed", as in Europe and Japan. I suppose we can learn to "walk" first with 79 mph trains to Iowa City, but faster trains to Des Moines and Omaha should be considered, too.

Topic(s): General Support Response: Comment noted. As discussed on page 2-8 of the EA, trains

would operate at a maximum speed of 90 mph between

Chicago and Wyanet with implementation of the ultimate service

Comment ID: 87

level of five round-trip trains per day.

Love, Robert & Sheri Comment ID: 96

Address: 510 Armstrong St Date: 10/14/2009

Morris, IL 60450 Website Comment

Comment: The train tracks go right along our back yard. Even the freight trains alone are so loud it wakes me out

of my sleep. I cant imagine having more train traffic. We have 6 children and don't want to risk anything happening to them. I see kids walking those tracks all the time!! Please do not allow any

more train traffic!!

Topic(s): Opposition to B Response: As discussed in the EA (pages 3-34, 3-35, and sheets 17 and

> 18 for the Route B Alternative in Appendix C), noise levels would minimally increase in Morris. Pages 3-26 and 3-27 of the EA discuss public safety; grade crossing warnings would be upgraded and highway congestion would decrease, improving

safety.

Ludwig, Rhonda - Geneseo City of Commerce

Address: 100 W Main St Date: 9 /29/2009 Comment Letter

Geneseo, IL 61254

Comment: The Board of Directors of Geneseo Chamber of Commerce along with its membership, proudly

invites passenger rail into our community. Geneseo businessmen/residents have donated addition land to enhance the existing facility for passenger rail, reaffirming Geneseo's commitment to this great mode of travel. As a leader in Henry county tourism, Geneseo Chamber of Commerce & Tourism Center will offer its services to make certain passengers feel welcomed and included as part of our quaint town upon their arrival. Those who embark on the rail experience from Geneseo will leave confident and informed of all services provided by Amtrak. Passenger Rail, welcome to

Comment ID: 53

Geneseo! When you're here, you're home!

Topic(s): General Support Response: Comment noted

Marks, Jean - Nash Nash Bean & Ford LLP Comment ID: 32

Address: 445 US Hwy 6 E Date: 9/30/2009 Geneseo, IL 61254 Comment Letter

Comment: I am writing in support of the State of Iowa and State of Illinois ARRA application for passenger rail service between Chicago, Quad Cities and Iowa City. I can speak for myself and for family that we would most definitely utilize the service. There has been times when our family has missed a family function in the Chicago area because we didn't have reliable transportation and there have been times we've had to take off work to drive an ill family member to lowa city for a medical appointment. My 9 year old daughter would love to have a gift of train tickets to Chicago to go [to] the museums and the American Girl Store. She and her Dad would be willing to take the train to a Chicago Cubs game. Please consider a passenger railstop in Geneseo. Thank you for your time and consideration

in this matter.

Topic(s): General Support Response: Comment noted

Mathias, Dean - Quad Cities Transportation Advocacy Group Comment ID: 38

Address: 745 Hillcrest Rd Date: 9 /29/2009

Milan, IL 61264 Comment Meeting Comment Form

Comment: Trains and bikes and buses ROCK!! Thanks for the excellent poster graphics. Favor Route A along

Hennepin - already train connections for Joliet. Train station need to accommodate bikes parking and protection for bikes from the elements. Amtrak rail cars should be prepared to accommodate a large volume of bicycle ridership, much as the local buses do a great job hauling bicycles on their front racks. Use Europe as [didn't finish thought]. Amtrak should also encourage bicyclists from THE OUTSET!!! Those bicyclists already have the alternative transportation frame of mind. Ads should include bicyclists to encourage riders from one community to travel to another as well as

demonstrate the alternative transportation life style. Thank you for your efforts.

Topic(s): Support A Response: Comment noted

McGowan, Tommy Comment ID: 27

Address: 407 W Jackson St Date: 9 /29/2009 Morris, IL 60450 Comment Website

Comment: I heard on the local radio about the 2 proposed routes and I believe the route with the CSX way

through Joliet and Morris is good, because the other route already sees a lot of Amtrak trains everyday and there are no passenger trains through Morris. Ottawa, or other towns on that line, and

those towns probably would appreciate trains to Chicago and the Quad Cities.

Topic(s): Support B Response: Comment noted

Comment ID: 33 Mickley, Joe - Hanford Insurance Agency

Address: 119 S State St Date: 9/30/2009 Geneseo, IL 61254 Comment Email

Comment: I am writing in support of the State of Iowa and State of Illinois ARRA application for rail service

between Chicago, Quad Cities and Iowa City. Such a service would enhance the growth and

development of western Illinois. A 2 way transportation system would improve the economic advantage for both ends lowa City and the Chicago area. This would enhance the quality of life for many residents of western Illinois. It would open up the culture and education opportunities available in the Chicago area. As an owner of a small business that was established in 1855 in western Illinois this service is critical to the growth and development of our particular area. Rail service would open our community to many residents who work in Chicago but wish to reside in a smaller town. Rail service would be highly utilized by our residents for both employment, educational and entertainment purposes. Thank You for your consideration in this matter.

Topic(s): General Support Response: Comment noted

Miller, Lora Lea Comment ID: 80

Address: 12433 US Hwy 6 Date: 10/8 /2009

Geneseo, IL 61254 Comment Email

Comment: Rail service...A Much Needed Service. Especially to Iowa City as this area has a large contingent of

people that are referred to the University of Iowa Medical Center. If you have driven between Geneseo and Iowa City on Interstate 80, you would know that corridor is a raceway. Trucks bumper to bumper 80 to 85 mph all lanes. Then throw in an ambulance or two plus the personal vehicles... not an enjoyable drive and a dangerous one. Rail service would allow patients to get to Iowa City without the hassle of driving. The medical center has a pickup and delivery service already in place. I'm sure the train depot would not be a problem for the hospital service to cover. This would also be a great asset to the veterans in this vicinity as the veterans hospital is in Iowa City. Currently the trip is being covered by van. The problem is getting and keeping drivers to and from the hospital in order to cover the various appointment times. With train service the appointments could be set up according to the train schedule. A valuable service to those who have sacrificed for this country. Public transportation in this part of the United States is nonexistant. What a boone to the economics of the areas involved with the addition of rail service. I believe the rail service would be an excellent investment of taxpayer dollars that would be a benefit to a large segment of the public throughout the northern part of Illinois and Iowa.

Topic(s): General Support Response: Comment noted

Moline, Norman - Augustana College Comment ID: 41

Address: 3836 28th Ave Date: 9 /29/2009

> Rock Island, IL 61201-5801 Comment Meeting Comment Form

Comment: Route A is the ONLY viable option. Shorter, quicker route is essential. People will ride the train if it takes 3 hours, 20 minutes. They will not is it is 4/5 hours. Saves more fuel. Greater benefits to efforts to reduce emissions. BNSF line allows work with company well-adapted to handling AMTRAK trains. This route also allows better access to key western suburb areas such as Naperville, Oak Brook, the

whole high-tech corridor which, to be direct, is MORE important than the Joliet and southwest

corridor. Please move forward with Plan A as guickly as possible.

Topic(s): Support A Response: Comment noted

Moore, Jennifer Comment ID: 78

Address: Date: 10/8 /2009 Comment Website

Comment: I feel this is long overdue. Currently, the route to Iowa from Joliet requires one to go to Chicago first,

and becomes a 4 hour + journey. With the current congestion on I80 due to the endless construction

from Joliet to Iowa and the repairs on the I80 bridge, this would be a much needed solution.

Topic(s): General Support Response: Comment noted

Morrison, Charlotte Comment ID: 50

Date: 9 /29/2009 Address: 3906 44th St

Rock Island, IL 61201 Comment Meeting Comment Form

Comment: Bring Amtrak to the Quad Cities ASAP. I would never drive to Chicago again for business or

pleasure. Use the proposed Wyanet route to save money and to do as little damage to the

environment as possible. *Fastest route is imperative. I completely support passenger rail and all it

can bring to the Quad Cities for economic growth and development. Furthermore, continue to make plans and get funding for route from Quad Cities to lowa City. Many students from Chicago attend college/university here in Quad Cities. Additionally many students from Chicago and Quad Cities attend University of Iowa. Not to mention the huge fan buses for Iowa sports.

Topic(s): Support A Response: Comment noted

Mowers, Rick - Geneseo Chamber of Commerce Comment ID: 95

Address: 728 Cardinal Ct Date: 10/14/2009

Geneseo, IL 61254

Comment: As a business owner, and resident of Geneseo, I would love to see rail service from Geneseo to Chicago and love City. There are many events in both cities that needs from Consess attend.

Chicago and Iowa City. There are many events in both cities that people from Geneseo attend. Even more people would attend these events if rail transportation was convenient. I would like to attend concerts and theatre events in both locations. Many people are sports fans of the Iowa Hawkeyes, and Chicago teams, and would welcome the convenience of rail transportation to these events. It would also reduce pollution. There are also events in Geneseo that others would be able to

participate in via rail transportation.

Topic(s): General Support Response: Comment noted

Neff, Gerald - Iowa Chapter Sierra Club Comment ID: 57

Address: 18144 242nd Ave
Pleasant Valley, IA 52767

Date: 10/1 /2009
Website

Comment: I agree with the findings of the Iowa and Illinois DOT that Alternative A would be the better choice.

We need a third choice for travel in this area other than automobile or air travel. Rail would provide that third choice. Now that the price of gasoline has dropped the rail choice loses some of its attraction. However, fuel prices will continue to fluctuate and if the rail fares can be competitive with driving costs, the chances of people using the trains increases. Reviving rail transportation in this

country is an absolute must.

Topic(s): Support A Response: Comment noted

Orgeron, Anna Comment ID: 48

Address: 1900 6th Ave Date: 9 /29/2009

Rock Island, IL 61201 Comment Meeting Comment Form

Comment: Would like to see northern route - soon?

Topic(s): Support A Response: Comment noted

Pakala, James Comment ID: 5

Address: 1303 Mautenne Dr Date: 9 /23/2009

Missouri, MO 63021 Comment Website

Comment: My wife and I try to avoid driving because it is private, not public, transportation and long drives can

be life-threatening (only in part because I fall asleep at the wheel) or medically harmful (my wife has a muscle disease that driving or sitting in a car for long periods negatively affects). As to flying, the cost and lack of availability to smaller cities is a huge problem. The environmental damage of train

service is a fraction of that caused by planes and highway vehicles.

Topic(s): General Support Response: Comment noted

Parkyn, John Comment ID: 7

Address: W636 Cherry St
Stoddard, WI 54658

Date: 9 /23/2009
Email

Comment: I believe the Northern Route would run more closely through the center of the Chicago area's

population, allowing it to serve more riders more easily than the Southern Route.

Topic(s): Support A Response: Comment noted

Persampiers, Patrick - Balfour Beatty Rail

Address: 218 Richmond Hill Dr Date: 9 /29/2009

Geneseo, IL 61254 Comment Meeting Comment Form

Comment: I think Route A Alternative would work. Also the train station at Geneseo should be located on the

west end of town and not in the middle of town where it might block two crossings.

Topic(s): Support A Response: Comment noted. As noted on page 2-5 in the EA, the proposed

Geneseo station location will be determined and documented

Comment ID: 39

in a Tier 2 project-level NEPA document.

Petrella, Suzanne - Kendall County Illinois Comment ID: 56

Address: 111 W Fox St Yorkville, IL 60560 Comment Website

Comment: Alternative A is a much preferred route as the population in this area is in great need of additional

transportation options. Kendall County has statistically been one of the fastest growing counties in the nation during the past several years. Many residents here would appreciate Alternative A as would developers and the business community for all the economic opportunities presented.

Convenience is key, as we have all struggled with the challenges of downtown transportation. Future

additional service would be most welcome as a way to ease highway congestion.

Topic(s): Support A Response: Comment noted

Pleshe, David Comment ID: 46

Address: 644 Schroeder Rd Date: 9 /29/2009

Coal Valley, IL 61240 Comment Meeting Comment Form

Comment: Plan A looks most promising. Less environmental impact and quicker service. This plan needs to be

"fast-tracked"!

Topic(s): Support A Response: Comment noted

Pleshe, Becky Comment ID: 47

Address: 644 Schroeder Rd Date: 9 /29/2009

Coal Valley, IL 61240 Comment Meeting Comment Form

Comment: I am in favor of the Chicago to Iowa City rail service. We really need this in the Quad Cities. I prefer

Plan A but would be happy with either plan.

Topic(s): Support A Response: Comment noted

Powell, Rick Comment ID: 3

Address: 1290 E IL Route 71 Date: 9 /22/2009

Ottawa, IL 61350 Comment Website

Comment: First, I think there should be more public hearings in IL, and closer to the people who might use the

service. It is nearly 1 1/2 hours to the Quad City meeting from where I live. There are thousands of potential customers of this service who live closer to Chicago, and I am doubtful you will capture more than a few people from these areas at your IL public hearing. Secondly, I am asking if any of the content of the report will be made available on-line on the 24th of September. I am not sure if I will have time to visit the library at La Salle. I will have plenty of comments following my review of the EA.

Topic(s): General Comment Response: Comment noted

Rick, Kyle - The Arc Comment ID: 42

Address: 114 57th PI Date: 9 /29/2009

Davenport, IA 52806 Comment Meeting Comment Form

Comment: Train service to Chicago from the Quad Cities would be heavily used by the business community on a

periodic commuting basis for meetings/conferences and the like. Route A is definitely preferable not only on a cost basis, but on use and time basis. It would directly compete in terms of commute time for those using I80 and I88. Recreational use will also be high to commute for entertainment in

Chicago and also to go to lowa city for sporting events and theater/music performances. Let's do this!

Topic(s): Support A Response: Comment noted

Riley, Jim - Hometown National Bank

Address: 260 Bucklin St Date: 9 /24/2009 LaSalle, IL 61301 Email

Comment

Comment: Given the opportunity to expand rail service in the northern IL area, adding additional communities to

a cross state route, I strongly suggest using Alternative B, through LaSalle, Ottawa and Morris. The Princeton, Mendota route is already being served by rail service. Offering this area an alternative route and destinations is logical if one of the goals is to expand economical public transportation. The combined populations of the Alternative B route have no legitimate public transportation east or west. The communities mentioned have a combined population which is much larger than the existing Alternative A route. I understand some preliminary study has been done supporting a LaSalle to Joliet route. That information may provide additional support for an Alternative B decision. Alternative B through LaSalle and Morris will expand rail service and open up an additional market.

Thank you for your consideration.

Topic(s): Support B Response: Comment noted

Rohr, Lynda Comment ID: 81

Address: 319 Parkshore Dr Date: 10/8 /2009 Shorewood, IL 60404 Comment Website

Comment: Having the train stop in Joliet and go to Geneseo would be beneficial for me so that I may see my

daughter and 3 grandsons...it is 111 miles from my home to hers, and the cost of gas is hard on my wallet, plus I am handicapped and hard for me to drive the hour and forty five minutes plus potty

break. So if I had a vote in this, it would be yes!

Topic(s): General Support Response: Comment noted

Schlake, Diane - Naperville Police Dept Comment ID: 72

Date: 10/6 /2009 Address: 1127 Bayhill Ave Naperville, IL 60565 Comment Website

Comment: The existing rail will limit the speed. Need to invest in new infrastructure and create High Speed Rail

like in Asia and Europe...US is so far behind, because we love our cars

Topic(s): Alternatives Response: As discussed in Section 2.4 of the EA, the maximum speed of

> operation would increase to 90 mph from Chicago to Wyanet with implementation of the ultimate service level of five roundtrip trains per day, as envisioned by the Midwest Regional Rail

Comment ID: 14

Initiative.

Comment ID: 79 Sessions, Carl - City High Little Hawk

Date: 10/8 /2009 Address:

Iowa City, IA Comment Email

Comment: My name is Carl Sessions, and I'm the news editor at the City High Little Hawk in Iowa City. We are

interested in doing a story about the possible train that would go from Chicago to Iowa City, but we

have some questions. Is there anyone you could recommend me to talk to about it?

Topic(s): General Comment Response: Comment noted

Sheridan, Arthur - City of Plano Comment ID: 15

Address: 17 E Main St Date: 9 /23/2009

Plano, IL 60545 Comment Email

Comment: Please provide mailing address for comments.

Topic(s): General Comment Response: Comment noted

Sheridan, Arthur - City of Plano Comment ID: 36

Address: 17 E Main St Date: 9 /29/2009 Plano. IL 60545 Comment Email

Comment: The City of Plano, IL. IS DEFINITELY IN FAVOR and wishes to support the routing of the rail line

thru Plano, II.

Topic(s): Support A Response: Comment noted

Souferis, Athena Comment ID: 91

Address: Date: 10/12/2009

Skokie, IL 60077 Comment Website

Comment: This is needed so much...the university students and their families have no way of getting to lowa

from Chicago and the reverse unless they drive. This is unheard in this time and age w/such demand

and such a large student body.

Topic(s): General Support Response: Comment noted

Steinbrecher, Lew - City of Moline Comment ID: 31

Address: 619 16th St Date: 9/30/2009

Moline, IL 61265 Comment Email

Comment: Thank you for both this email and the voice message you left on my phone here at City Hall this

morning. I appreciate the opportunity to express my support for the intercity passenger rail service

being proposed between Chicago and Iowa City through Moline.

Topic(s): General Support Response: Comment noted

Stroka, Thomas - Midwest High Speed Rail Association Comment ID: 11

Address: 622 Franklin St, Apt 4 Date: 9 /23/2009

Michigan City, IN 46360 Comment Website

Comment: I firmly support the efforts to build a high speed rail connecting Iowa City to Chicago Union Station. I

grew up along the BNSF line in the suburbs of Chicago and my whole family continues to live on both sides of the tracks there. With updated crossings along the rail line, I see no problem using the existing track for a high speed rail to lowa City. The major problem I see is the number of stops along the way. Every high speed train I took when I lived in France had only one or two stops before the final destination...I believe the only stops should be Joliet, LaSalle, Moline and Iowa City. The train will become a more viable option for travelers only if it is as convenient in terms of getting to their destination as quickly as (or much more quickly than) driving. Good luck with the work that lies

their destination as quickly as (or much more quickly than) driving. Good luck with the work that lies ahead of you.

•

Topic(s): Support B Response: Comment noted

Studer, Judith Comment ID: 82

Address: 518 N Hebbard St Date: 10/8 /2009

Joliet, IL 60432 Comment Email

Comment: Absolutely, YES--the ability to take a train to Iowa City would be a huge positive opportunity!

Topic(s): General Support Response: Comment noted

Stumpe, Dan Comment ID: 70

Address: 2315 Beauport Dr Date: 10/6 /2009

Naperville, IL 60564 Comment Info Line

Comment: I gotta tell ya, I'm really excited about the Chicago to Iowa City route. I think it's about time - it's a

great idea for getting kids back and forth to the University of Iowa. I hope you can extend it - in time - to Des Moines and maybe up to Ames to get more students. I think it's long overdue. It's one that we

will be using and using often.

Topic(s): General Support Response: Comment noted

Terronez, Darrell - Western Illinois University Comment ID: 44

Address: 321 9th St Date: 9 /29/2009

Silvis, IL 61282 Comment Meeting Comment Form

Comment: Meeting/presentation was extremely informative. Rail from Iowa City to Chicago and from Chicago to

lowa City is exciting. This area will benefit greatly financially and culturally. Passenger rail will eliminate traffic congestion on the interstate/highways and be better for the environment. This is a safe way to travel. Traveling by rail allows you to relax, enjoy the scenery and meet new people. This

is very exciting! Hope it happens soon.

Topic(s): General Support Response: Comment noted

Tomzik, David Comment ID: 30

Address: 702 Brandon

Wheeling, IL 60690

Date: 9 /29/2009

Website

Comment: Route option B will provide improved mobility, access and economic development to the Illinois

River communities. This line at one time supported rail service which can return. The Joliet- LaSalle corridor is a well defined corridor with strong interaction between these communities. In addition, this

line will connect with the 110mph line to Bloomington, Springfield and St Louis at Joliet.

Topic(s): Support B Response: Comment noted

Turpin, Gary Comment ID: 18

Address: 32 Cobblestone Lane Date: 9 /27/2009

LeClaire, IA 52722 Comment Website

Comment: I have used the Amtrak Service from Galesburg to Chicago three times in the last year and find it

wonderful. When Quad Cities link is completed I will use it at least monthly or even more often. I prefer Alternative A. I would favor seeing this "Fast Tracked" in some fashion. Use some of that

Obama money to get this done quickly.

Topic(s): Support A Response: Comment noted

Wallace, Ryan Comment ID: 4

Address: 3900 N Pine Grove, Apt 714 Date: 9 /23/2009
Chicago, IL 60613 Comment Website

Comment: As a resident of Chicago, graduate of University of Iowa, and someone who has family in the Des

Moines metro area, I am thoroughly excited about the prospects of a Chicago-lowa City rail connection. Many rural citizens never experience the great city of Chicago because the drive can be so daunting. Many students at the U of Iowa come from the Chicago-land area and have extremely limited options to return home for weekends and holidays. I hope that due diligence is done to determine a route that has the least impact, but I wholeheartedly believe a rail connection from Iowa

City to Chicago is to everyone's mutual benefit.

Topic(s): General Support Response: Comment noted

Weber, Sue Comment ID: 77

Address: 610 Manhattan Rd Date: 10/8 /2009

Joliet, IL 60433 Comment Website

Comment: this would be great, we currently travel to my sisters house in Colo lowa several times a year, and this would wonderful as we wouldn't have to deal with that horrible semi truck traffic. It would even be

better if it went all the way to Des Moines or at least Ames Iowa.

Topic(s): General Support Response: Comment noted

Werner, Ken - Werner Restoration Services Inc.

Comment ID: 34

Address: PO Box 496 Date: 9 /30/2009

Colona, IL 61241-0496 Comment Email

Comment: I just want to voice my support for the proposed rail service from Chicago, thru the Quad Cities and

Geneseo area to Iowa City. This would have a huge impact on the Quad City economy along with Geneseo. My home town of Geneseo would benefit from this service both economically and socially.

My family would use it for both business and pleasure. Trains have had a big impact on our community before and it will help in future. My business, WERNER RESTORATION SERVICES with our 30 employees, frequently travel to Chicago and Iowa City for training and could use this service.

Geneseo has land that was donated years ago just for this possibility so the interest is here. Thanks

for your time.

Topic(s): General Support Response: Comment noted

Werner, Ken - Werner Restoration Services Inc.

Address: PO Box 496 Date: 9 /29/2009

Colona, IL 61241-0496 Comment Meeting Comment Form

Comment ID: 40

Comment: My opinion is rail service not only to Chicago but also west to Omaha will benefit the Quad Cities and

the surrounding areas a great deal. I would like to specifically see Geneseo included as a stop. The City of Geneseo has a great interest in the rail service. We have land already donated for the location. We have a fall event called "Planes, Trains and Automobiles" that has shown tremendous growth in the past few years, with a great interest in the trains that have been part of the events. Personally, I have 10 brothers and sisters that travel a great deal and who would be interested in a safe, inexpensive mode of transportation. My family attends many Chicago sporting events each year and have driven to Princeton to catch the train. My son has just graduated from the University of Nebraska at Lincoln and would have used this to commute. My sister lives in Omaha and would use it. I am the owner of Werner Restoration Services of Colona, IL, and have many employees who receive training in Chicago and Omaha. We all feel the rail service would be an awesome addition to the whole Quad City community.

Topic(s): General Support Response: Comment noted

Wilkins, Jeff - Kendall County Board Comment ID: 97

Address: 111 W Fox St Yorkville, IL 60560 Comment Email

Comment: The Kendall County Board unanimously passed the resolution in support of alternative "A" at the

County Board meeting held Tuesday, October 6, 2009.

Topic(s): Support A Response: Comment noted

Wolff, Sue Comment ID: 19

Address: 605 W 7th St
Sterling, IL 61081

Date: 9 /28/2009

Comment
Website

Comment: I would be beyond HAPPY if the train would be using the BNSF rail and go through Princeton Illinois.

My family would be riding it instead of driving from Sterling to Chicago and back again every

weekend just to see our grandchild.

Topic(s): Support A Response: Comment noted

Yapp, John - City of Iowa City Comment ID: 60

Address: Date: 10/2 /2009

Comment: Theresa, Dale Helling (Iowa City City Manager) asked me to contact you. Thank you for the notice of

the Tier 1 Environmental Review for passenger rail service between Chicago and Iowa City. We are certainly excited about the opportunity to bring back passenger rail service to our area, and we appreciate your efforts in obtaining public comment. To that end, let us know if we can provide any assistance in obtaining public input between now and October 15. The Iowa City City Council has recently approved a resolution of support for passenger rail service, and we have obtained several other letters of support from community stakeholders which we have forwarded to Amanda Martin at

lowa DOT. Let us know if you would like copies of these also.

Topic(s): General Support Response: Thank you. Comment noted

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EA Agency Comments

Department of the Army-US Army Garrison - Rock Island Arsenal Comment ID: 64

> Joel Himsl, Garrison Manager 1 Rock Island Arsenal Rock Island, IL 61299-5000

Date: 9 /29/2009 Comment Letter

Comment: Reference Illinois Department of Transportation (DOT) letter, August 19, 2009. In response to your letter dated August 19, 2009, the US Army Garrison-Rock Island Arsenal (USAG-RIA) is willing to work toward an agreement in the future phases of this project to allow passenger trains on the Government Bridge and trackage currently leased by the Iowa Interstate Railroad, LTD. Correction is needed in your letter regarding name and ownership of the bridge that may be utilized for this project. The bridge name is "Government Bridge" and is owned by the US Army Garrison-Rock Island Arsenal, not the US Army Corps of Engineers, Louisville. The US Army Corps of Engineers, Louisville administers the current lease of the tracks crossing USAG-RIA between the cities of Davenport, Iowa and Rock Island, Illinois. That Lease is with the Iowa Interstate Railroad. USAG-RIA has discussed with HDR Inc. proposed improvements to the Government Bridge rail system to include signal upgrades and power derailers. Plans and specifications for any such improvements would have to be submitted for review and approval by the USAG-RIA, Directorate of Public Works and fully coordinated with the current Lease holder before execution. The US Army Engineer District, Rock Island operates a Lock & Dam located at the Government Bridge. River traffic has priority, therefore when the Government Bridge swing span is open, rail traffic is closed. I look forward to working with you in the future to make USAG-RIA an integral part in transforming America's transportation system through a national network of high-speed rail corridors A copy of this letter has been provided to Ms. Nancy Richardson, Director, Iowa Department of Transportation, 800 Lincoln Way, Ames, IA 50010 and Mr. Brian Ray, Transportation Engineer, HDR Engineering, Inc. 8404 Indian Hills Drive, Omaha, NE 68114-4098. If you have any questions please contact Mr Stephen Clark, Chief, Housing and Master Planning Division, USAG-RIA Directorate of Public Works, 309-782-2444, Stephen.a.clark@us.army.mil.

Topic(s):Transportation Response: The FONSI has been updated to correct the name and

ownership of the Government Bridge that crosses the

Mississippi River at Rock Island.

Department of the Army-US Army Garrison - Rock Island Arsenal Comment ID: 65

Joel Himsl, Garrison Manager Date: 9 /29/2009 1 Rock Island Arsenal Comment Letter Rock Island, IL 61299-5000

Reference Illinois Department of Transportation (DOT) letter, subject: Chicago to Iowa City Intercity Passenger Rail Service Project-Environmental Assessment, August 19, 2009. In response to your letter subject as above, dated August 19, 2009, the US Army Garrison-Rock Island Arsenal (USAG-RIA) is willing to work toward an agreement in the future phases of this project to allow passenger trains on the Government Bridge and trackage currently leased by the Iowa Interstate Railroad, LTD. Correction is needed in your letter regarding name and ownership of the bridge that may be utilized for this project. The bridge name is "Government Bridge" and is owned by the US Army Garrison-Rock Island Arsenal, not the US Army Corps of Engineers. Louisville. The US Army Corps of Engineers, Louisville administers the current lease of the tracks crossing USAG-RIA between the cities of Davenport, Iowa and Rock Island, Illinois. That Lease is with the Iowa Interstate Railroad. USAG-RIA has discussed with HDR Inc. proposed improvements to the Government Bridge rail system to include signal upgrades and power derailers. Plans and specifications for any such improvements would have to be submitted for review and approval by the USAG-RIA, Directorate of Public Works and fully coordinated with the current Lease holder before execution. The US Army Engineer District, Rock Island operates a Lock & Dam located at the Government Bridge. River traffic has priority, therefore when the Government Bridge swing span is

open, rail traffic is closed. I look forward to working with you in the future to make USAG-RIA an integral part in transforming America's transportation system through a national network of high-speed rail corridors A copy of this letter has been provided to Ms. Barbara H. Stevens, Chief, Environmental Section, Illinois Department of Transportation, 2300 South Dirksen Parkway, Springfield, IL 62764 and Mr. Brian Ray, Transportation Engineer, HDR Engineering, Inc. 8404 Indian Hills Drive, Omaha, NE 68114-4098. If you have any questions please contact Mr Stephen Clark, Chief, Housing and Master Planning Division, USAG-RIA Directorate of Public Works, 309-782-2444, Stephen.a.clark@us.army.mil.

Topic(s):Transportation

Response: The FONSI has been updated to correct the name and ownership of the Government Bridge that crosses the Mississippi River at Rock Island.

Comment

Date: 9 /25/2009

Letter

Federal Transit Administration-Region VComment ID: 67

Marisol Simon, Regional Administrator 200 West Adams St, Suite 320 Chicago, IL 60606

The Federal Transit Administration (FTA) is providing these comments in regard to the proposed passenger rail service between Chicago, Illinois, and Iowa City, Iowa. Since our fellow U.S. Department of Transportation operating division, the Federal Railroad Administration (FRA), is a cooperating agency in this effort, our remarks will only address this project's potential impact on our grantees, and not the NEPA process. In each of the two (2) "build" alternatives, existing and proposed commuter rail services in the Chicago metropolitan area provided by Metra will be affected by the proposed project. We understand that train scheduling, both passenger and freight, will be a major issue in the operation of the proposed new service. Our concern is that there is or will be sufficient track capacity along the proposed intercity passenger route to allow both existing and proposed passenger and freight services to not be negatively impacted by the additional service. Slower travel times for commuters will lead to inconveniences for them and a loss of ridership for Metra. The resulting loss in operating revenue for commuter rail services will only magnify the financial struggle that Metra already is incurring. Additionally, the Rock Island County Metropolitan Mass Transit District (MetroLINK), which is headquartered in Moline, Illinois, and operates municipal bus transit service in the Illinois Quad Cities, is pursuing a commuter rail component to its system. This planned service will use the same tracks as the proposed Chicago - Iowa City Intercity Passenger Service Project. The analysis of this intercity project should consider the potential inclusion of the MetroLINK commuter rail service, when evaluating operations and track capacity. We appreciate the opportunity provided to us to respond to the information gathering phase of the environmental review process. We ask that you continue to keep us at the FTA - Region V informed of the further development of this project. If you have any questions or comments concerning our remarks, please contact Steve Polito at (312) 353-1552.

Topic(s): Transportation

Response: The errata section of the FONSI has been updated to provide information on Metra operations in Chicago. The Amtrak feasibility study considered all Chicago train operations, including Metra operations and, as discussed in the EA (pages 3-4 and 3-5, 3-11, 3-81 and 3-82), identified Eola Yard in Aurora as the major potential source of rail traffic congestion. A track 1 grant under the Federal Railroad Administration's High Speed Intercity Passenger Rail program has been applied for to implement changes at the Eola Yard to improve train traffic flow (see Section 3.21 of the EA). The errata section of the FONSI has been updated to include a brief discussion of the proposed commuter rail system in Moline that would be operated by MetroLINK. Future Tier 2 Project-level analysis will be conducted to determine the impacts to Metra and MetroLINK commuter rail system operations from the Chicago to Iowa City Intercity passenger rail service.

Fish and Wildlife Service-Chicago Ecological Services Field Office

Janice Engle, Acting Field Supervisor 1250 S Grove Ave, Suite 103 Barrington, IL 60010 Comment ID: 93
Date: 10/13/2009
Comment Letter

Comment: This responds to your request for comments on the Tier 1 Service Level Environmental Assessment (EA) for the Chicago to Iowa City Intercity Passenger Rail Service project. Illinois Department of Transportation and Iowa Department of Transportation, in conjunction with the Federal Railroad Administration are evaluating the reestablishment of passenger rail service between the aforementioned cities. The Tier 1 Service Level EA addresses the service level issues that would be part of the initial operations and the proposed alternatives. The Tier 2 Project Level analyses would address specific project level activities. We provide comments as they relate to fish and wildlife resources that may be affected by construction and operation of the proposed project. We reviewed the information provided in your Tier 1 Service Level EA. We checked our records for the presence of federally listed species, Service trust resources, and other fish and wildlife resources that may be affected by the proposed project. Based on our review we offer the following comments that should be addressed in the Tier 2 Project Level EA.

Alternatives

The Tier 1 EA indicates that for both alternatives (Route A and B), track rehabilitation would occur within the existing railroad grade. However, some ditching, minor bridge work and culvert work, and other track related upgrades would be required outside of the existing railroad grade. The Tier 2 EA should identify the locations of these track upgrades and assess possible impacts to natural resources.

Affected Environment and Environmental Consequences

Noise and Vibration

The Tier 2 EA should evaluate whether wildlife, particularly migratory birds, would be affected by noise and vibration from the possible increase in frequency and speed of trains for both alternatives.

Parks and Federally or State-listed Natural Areas

The Tier 2 EA should describe and identify all natural areas providing habitat for wildlife resources that abut the right-of-way of the proposed alternatives. These natural areas would include county forest preserves which provide valuable habitat for fish and wildlife resources. A figure should be provided in the Tier 2 EA that shows all natural areas along the proposed alternatives. Figure 3.11.1 only shows state wildlife management areas and neglects to show county forest preserves or other natural areas.

Threatened and Endangered Species

This section notes that specific construction impacts to listed and candidate species would be further evaluated in the Tier 2 EA. The Tier 2 EA should include a list of the state listed species that are present in aforementioned natural areas as some of those species (i.e., migratory birds) are also Service trust resources.

Indirect and Cumulative Impacts

The Tier 2 EA should fully disclose all indirect and cumulative impacts to natural resources. The Tier 1 EA only discusses anticipated beneficial impacts from the two alternatives. Indirect and cumulative impacts such as those that could occur to streams, wetlands, water quality, etc. as a result of proposed track upgrades should be indentified as well. These comments only address activities within the Chicago Illinois Field Office coverage area, which ends at the Kane-Kendall County border for Alternative A and at the Will-Kendall County border for Alternative B. The Service's Rock Island Field Office should be contacted for comments outside of our coverage area. This letter provides comment under the authority of, and in accordance with, the provisions of the National Environmental Policy Act of 1969 (83 Stat. 852 as amended P.L. 91-190,42 U.S.C. 4321 et seq.), the Fish and Wildlife Coordination Act (48 Stat. 401, as amended; 16 U.S.C. 661 et seq.) and the Endangered Species Act of 1973, as amended (87 Stat. 884. as amended; 16 U.S.C. 1531 et seq.). If you have any questions, lease contact

Mr. Shawn Cirton at 847/381-2253, ext. 19.

Topic(s): Natural Resources

Response:

Comments noted. Your letter will be referenced during completion of the Tier 2 analysis to address your concerns with any construction outside the existing railroad grades, noise and vibration impacts to wildlife, habitat, protected species, and cumulative impacts. The Rock Island Field Office has been contacted.

Comment

Comment ID: 104

Date: 10/16/2009

Letter

Fish and Wildlife Service

Richard Nelson, Field Supervisor Rock Island Field Office, 1511 47th Ave

Moline, IL 61265

Comment: This is in response to your letter of August 17, 2009, requesting our comments on the proposed Chicago to Iowa City Intercity Passenger Rail Service Project – Environmental Assessment by the Federal Railroad Administration, Iowa Department of Transportation, and the Illinois Department of Transportation. For the purposes of this letter we will provide information relative to the portion of the project within lowa. Our data indicate that the specie on the enclosed list may occur in the counties of your proposed action. Descriptions of the habitat requirements are included with the list. You may use these descriptions to help you determine if there is suitable habitat within your project area. In order to determine if your project "may affect" species on the enclosed list, we invite you to use a new tool the Service has designed to help with the consultation process – the Section 7(a)92) Technical Assistance webpage

(http://www.fws.gov/midwest/endangered/section7/s7process/index/htm). By following the instructions, you can determine what your action area is, whether listed species may be found within the action area, and if the project may affect listed species. You will find several products on the site that can streamline the consultation process for this and future projects. When determining if listed species may be located within a project area, you can download county-specific species lists for all of the states in Region 3. Species specific best management practices will also eventually be available. Example letters and templates are available to assist with documenting "no effect" determinations and preparing requests for "not likely to adversely affect" concurrence. These comments are provided as technical assistance in accordance with the Endangered Species Act of 1973 (87 State, 884, as amended; 16 U.S.C. 1531 et seq). National Wetland Inventory maps indicate that there may be wetlands within and adjacent to the project area. These areas may be affected by the proposed project. The Corps of Engineers is the Federal agency responsible for wetland regulation, and we recommend that you contact them for assistance in delineating the wetland types and acreage within the project boundary. Priority consideration should be given to avoid impacts to these wetland areas. Any future activities in the study area that would alter these wetlands may require a Section 404 permit. Unavoidable impacts will require a mitigation plan to compensate for any losses of wetland functions and values. The U.S. Army corps of Engineers, Clock Tower building, P.O. Box 2004, Rock Island, Illinois, 61201, should be contacted for information about the permit process. If you have any questions regarding our comments, please contact Heidi Woeber of my staff at (309) 757-5800 extension 209.

Attachment: Habitat Descriptions for Federal Threatened and Endangered Species in Scott, Muscatine, Cedar and Johnson Counties, Iowa. The endangered Indiana bat (Myotis sodalis) has been noted as occurring in Muscatine County. Indiana bats are considered to potentially occur in counties along and south of I-80 in Iowa. Any rea with forested habitat potentially provide suitable habitat for this species. Indiana bats migrate seasonally between winter hibernacula and summer roosting habitats. Winter hibernacula include caves and abandoned mines. Females form nursery colonies under the loose bark of trees (dead or alive) and/or cavities, where each female gives birth to a single young in June or early July. A single colony may utilize a number of roost trees during the summer, typically a primary roost tree and several alternates. The species of size of tree does not appear to influence whether Indiana bats utilize a tree for roosting provided the appropriate bark structure is present. During the summery, the Indiana bat frequents the corridors of small streams with riparian woods as well as mature upland forests. It forages for insects along stream corridors,

within the canopy of floodplain and upland forests, over clearings with early successional vegetation (old fields), along the borders of cropland, along wooded fencerows, over farm ponds, and in pastures. Suitable summer habitat in lowa is considered to have the following characteristics within a ½ mile radius of a project site: 1) forest cover of 15% of greater; 2) permanent water; 3) one or more of the following tree species: shagbark and shellbark hickory that may be dead or alive, and dead bitternut hickory, American elm, slippery elm, eastern cottonwood, silver maple, white oak, red oak, post oak, and shingle oak with slabs or plates of loose bark; 4) potential roost trees with 10% or more peeling or loose bark. If the project site contains any habitat that fits the above description, it may be necessary to conduct a survey to determine whether the bat is present. In addition a search for this species should be made prior to any cave-impacting activities. If habitat is present or Indiana bats are known to be present, they must not be harmed, harassed or disturbed, and this field office should be contacted for further assistance. The eastern prairie fringed orchid (Platanthera leucophaea) is listed as threatened and known to occur in Johnson County. It occupies mesic to wet grassland habitats. There is no critical habitat designated for this species. Federal regulations prohibit any commercial activity involving this species or the destruction, malicious damage, or removal of this species from Federal land or any other lands in knowing violation of State law or regulation, including State criminal trespass law. Growth of the prairie fringed orchid beings in May and flowering occurs in July. This species should be search for whenever wet prairie remnants or other wet meadows are encountered. The prairie bush clover (Lespedeza leptostchya) is listed as threatened and considered to potentially occur statewide in Iowa based on historical records and habitat distribution, although we have no record of occurrences in Cedar, Johnson, Scott, and Muscatine Counties. It occupies dry to mesic prairies with gravelly soil. There is no critical habitat designated for this species. Federal regulations prohibit any commercial activity involving this species or the destruction, malicious damage, or removal of this species from Federal land or any other lands in knowing violation of State law or regulation, including State criminal trespass law. This species should be searched for whenever prairie remnants are encountered. The western prairie fringed orchid (Plantanthera praeclara) is listed as threatened and considered to potentially occur statewide in Iowa based on historical records and habitat distribution although we have no record of occurrences in Cedar, Johnson, Scott, and Muscatine Counties. It occupies wet to mesic grassland habitats. There is no critical habitat designated for this species. Federal regulations prohibit any commercial activity involving this species or the destruction, malicious damage, or removal of this species from Federal land or any other lands in knowing violation of State law or regulation, including State criminal trespass law. This species should be searched for whenever prairie remnants are encountered. The endangered Higgins eye pearlymussel (Lampsilis higginsii) is listed for the Mississippi River north of Lock and Dam 20 which includes Muscatine and Scott Counties. This species prefers sand/gravel substrates with a swift current and is most often found in the main channel border or an open, flowing side channel. The project lies within the range of the eastern massasauga (Sistrurus c. cataenatus), a docile rattlesnake that is declining throughout its national range and is currently a Federal Candidate species. The snake is currently listed as endangered by the State of Iowa and is known to occur in Johnson and Muscatine Counties. Your proactive efforts to conserve this species no may help avoid the need to list the species under the Endangered Species Act in the future. Due to their reclusive nature, we encourage early project coordination to avoid potential impacts to massasaugas and their habitat. The massasauga is often found in or near wet areas, including wetlands, wet prairie, or nearby woodland or shrub edge habitat. This often includes dry goldenrod meadows with a mosaic of early successional woody species such as dogwood or multiflora rose Wet habitat and nearby dry edges are utilized by the snakes, especially during the spring and the fall. Dry upland areas up to 1.5 miles away are utilized during the summer, if available.

The project lies within the range of the freshwater sheepnose mussel (Plethobasus cyphyus) that is declining throughout its national range and is currently a Federal Candidate species. It is known to occur in Johnson, Muscatine, and Scott Counties. Significant declines relative to its historical distribution and its small isolated remaining populations continue to be threatened.

Topic(s): Natural Resources Response: Comments noted. As noted in the EA in Section 3.17.2,

specific construction impacts for listed and candidate species will be evaluated further in the Tier 2 Project Level NEPA review. Any required field work and consultation, if needed, will be conducted as part of the Tier 2 Project Level NEPA review. The errata section of the FONSI includes reference to the Eastern Massasauga rattlesnake and the Sheepnose mussel in accordance with the attachment to your letter.

Comment ID: 66

Date: 9/30/2009

Email

Illinois EPA, Bureau of Air

Mike Rogers 1021 N Grand Ave E Springfield, IL 62794-9276

Below is a link from Michael Leslie of Region V to what I think is the most recent final rule (July 17, 2006, 71 FR 40420) dealing with general conformity de minimis thresholds. It includes that same weird language that doesn't specifically address moderate and marginal ozone NAAs, but just "Other areas inside (outside) an ozone transport region." The threshold for such areas outside an ozone transport region is 100 tov for both VOC and Nox. For Illinois PM2.5 nonattainment areas the threshold is also 100 tpy and should be assessed for direct PM2.5, SO2, and Nox emissions. Let me know if you have any questions. [http://www.epa.gov/air/genconform/documents/Jul06/EPA-HQ- OAR-2004-0491-0026.pdf]

Topic(s):Air Quality

Response: The FONSI has been updated to evaluate emissions of sulfur dioxide from train operations and diversion of vehicle and plane trips between Chicago and Quad Cities.

Comment

Illinois Historic Preservation Agency

Comment ID: 103 Anne Haaker, Deputy State Historic Preservation Officer Date: 10/14/2009 1 Old State Capitol Plz Letter Comment Springfield, IL 62701-1512

Comment: We have reviewed the information provided in the Environmental Assessment regarding the above referenced project. Our review is required by section 106 of the National historic Preservation Act of 1966, as amended. We advice that there may be properties of architectural, historical or archaeological significance that are on or eligible for the National Register of Historic Places within the project Boundaries. This will require consultation with this office to avoid adverse effects as defined in 36 CFR 800. We look forward to receiving and reviewing the information we requested in a letter dated September 1, 2009, and working with you as the project continues. If you have any questions, please contact Emilie Eggemeyer, Cultural Resources Manager, #1 Old State Capitol Plaza, Springfield, IL 62701, 217/785-3977.

Topic(s): Cultural Resources

Response: Thank you for your comment. Project-level specific analysis will be conducted under Tier 2 NEPA Project-level documentation. Consultation with your office under Section 106 of the National Historic Preservation Act with regard to architectural, historical, and archaeological resources will occur during this process as specific resources, potential impacts, and concerns are identified.

Comment

Comment ID: 101

Date: 9 /9 /2009

Letter

Peoria Tribe of Indians of Oklahoma

John Froman, Chief 118 S Eight Tribes Trail, PO Box 1527 Miami, OK 74355

Thank you for notice of the referenced projects. The Peoria Tribe of Indians of Oklahoma is currently unaware of any documentation directly linking Indian Religious Sites to the proposed construction. In the event any items falling under the Native American Graves Protection and Repatriation Act (NAGPRA) are

discovered during construction, the Peoria Tribe request notification and further consultation. The Peoria Tribe has no objection to the proposed construction. However, if any human skeletal remains and/or objects falling under NAGPRA are uncovered during construction, the construction should stop immediately, and the appropriate persons, including state and tribal NAGPRA representatives contacted.

Topic(s): Cultural Resources

Response: Thank you for your comment. Project-level specific analysis will be conducted under Tier 2 NEPA documentation. Coordination with agencies will occur during this process as specific resources, potential impacts, and concerns are identified.

United States Environmental Protection Agency-Region 6

Comment ID: 102 Kenneth Westlake, Chief, NEPA Implementation Section Date: 10/14/2009 Comment 77 West Jackson Blvd Letter

Chicago, IL 60604-3590

Comment: Under the National Environmental Policy Act (NEPA), the Council on Environmental Quality regulations and Section 309 of the Clean Air Act, U.S. Environmental Protection Agency (EPA) reviews and comments on major federal action. Typically, these reviews focus on environmental Impact Statements (EIS), but we also have the discretion to review and comment on other environmental documents prepared under NEPA if interest and resources permit. EPA has reviewed the Draft Tier 1 Service Level Environmental Assessment (EA) for the above project. This letter provides our comments on that document and possible impacts related to the proposed project. We previously provided scoping comments for this project on September 22, 2009 regarding purpose and need, alternatives, environmental impacts, and mitigation of unavoidable impacts. We appreciate this document noted air quality improvements anticipated and the environmental savings from traffic and fuel efficiencies for the alternatives considered. Surface waters and wetlands were mentioned as possibly being impacted where bridge and culvert work may be needed, but identification of these sites and best management practices to be utilized are deferred to Tier II NEPA documentation.

The preferred alternative requires a connecting segment be constructed in Wyanet, Illinois, and will need work done within the Pond Creek floodplain. This will be addresses in a separate Tier II document. We acknowledge that the Tier I document provides extensive consideration of noise and vibration impacts, which is helpful; it indicates alternative A may impact 1,928 receptors and alternative B may impact, 1,801 receptors. Although Appendix B provided some demographic information on Environmental Justice communities (EJ), it was not clear whether the alternate B noise impacts were focused in EJ areas. This Tier I document also did not identify sensitive receptor locations for noise, such as hospitals and schools. The Tier I EA noted that these receptors might be more impacted under a future scenario of 5 round trip trains per day at increased speeds to 90 miles per hour (mph). That scenario will be considered in a supplemental Tier I EA evaluation. The present document is focused upon the addition of 2 round trip trains per day along an established active corridor, operating at current 79 mph maximum speeds. At this level of operations, minimal impacts are anticipated. Greater impacts are anticipated if and when the service for this corridor upgrades to 5 round trip trains per day with speeds increased from Chicago to Wyanet, Illinois to 90 mph. Your Agency proposed that these environmental impacts will be discussed in a supplemental Tier I EA. Thank you for the opportunity to comment on this Tier I document. We request that IDTO provide us with further Tier I and Tier II EA documents for this corridor project. If you have any questions on our comments, please contact me or Norm west of my staff, by phone at (312) 353- 5682 or by email at west.norman@epa.gov.

Topic(s): Noise

Response: FRA identified its approach for the High-Speed Intercity Passenger Rail Program (HSIPR) National Environmental Policy Act (NEPA) system level program in the June 17, 2009 Guidance (74 Fed. Reg. 29900 (June 23, 2009)). The noise analysis conducted for this Tier 1 EA was a screening effort to determine the relative impacts of each alternative and to determine where additional noise analysis may be required. The Tier 1 EA was prepared in accordance with recent FRA guidance including: Compliance with NEPA in Implementing HSIPR (August 13, 2009); Overview of HSIPR NEPA Requirements (August 14, 2009), and the June 17, 2009

Guidance (74 Fed. Reg. 29900 (June 23, 2009)). The noise analysis for Tier 2 Project-level NEPA evaluation will be conducted at a more detailed level to determine impacts to specific communities (including environmental justice communities) and sensitive receptors such as hospitals and schools and other noise and vibration sensitive land uses identified in FRA guidelines (High-Speed Ground Transportation Noise and Vibration Impact Assessment (October 2005)). The Tier 2 noise and vibration impact assessments will be performed in accordance those guidelines.

Comment ID: 105

US Army Corps of Engineers-Chicago District

Leesa Beal, Chief, East Section, Regulatory Branch Date: 10/15/2009 111 N Canal St Comment Letter

Chicago, IL 60606-7206

Comment: This office is in receipt of your August 19, 2009 correspondence requesting the participation of the Chicago District U.S. Army Corps of Engineers (Corps) as a cooperating agency in the review of the Tier 1 Service Level Environmental Assessment (EA) for the Chicago to Iowa City Intercity Passenger Rail Service project. The Illinois Department of Transportation and Iowa Department of transportation, in conjunction with the Federal Railroad Administration, are initiating the information gathering phase of the EA for the proposed improvements included in the Chicago to Iowa City Intercity Passenger Rail Service Project. The Corps cordially accepts the invitation to participate in the collaborative effort among Federal Government, States, railroads and other key stakeholders in facilitating the vision of a national network of high-speed rail corridors. According to the EA, Tier 1 will establish purpose and need, estimate ridership, select the preferred route, identify the station stops, specify the service levels, define types of operation, and identify the logical next phases. Their 2 will define specific construction activities which would be evaluated in subsequent Tier 2 NEPA documents. The Corps will be required to evaluate the EA in accordance with the policy and procedures set forth in the rules governing the regulatory program of the Corps of Engineers, Title 33 of the Code of Federal Regulations Part 320 through part 332, and the policies and procedures for implementation of the National Environmental Policy Act (NEPA) at Title 33 of the Code of Federal Regulations Part 230. The goal of our review is to conclude that the activity will not have a significant adverse effect on the quality of the human environment. As part of the Corps requirements. The Tier 2 EA shall address all studies and surveys as required by Federal and state governing authorities and shall follow all policies and procedures in identifying aquatic resources and natural areas within the project corridor. The EA shall also provide an assessment of the direct, indirect and cumulative effects that the project may have on federally jurisdictional areas such as rivers, streams, wetlands, etc., and if necessary, consider compensation to offset the proposed impacts. Please be informed that additional environmental studies and reviews may be required by this office once the NEPA/404 Review process is underway and the two proposed alternative site configurations are presented for comment. These comments address activities within the Chicago District regulated area only which, terminates at the Kane-Kendall County border for Alternative A and at the Will-Kendall County border for Alternative B. The Corps looks forward to working closely with Federal and other lead agencies in completing a comprehensive review of the supporting documentation pertaining to the project. If you have any questions, please contact Kathy Chernich of my staff by telephone at (312) 846-5531, or email at Kathy.g.chernich@usace.army.mil.

Topic(s): General Comment

Response: Comments noted. Coordination with the U.S. Army Corps of Engineers will continue in the Tier 2 Project Level NEPA review. Any required permits will be applied for in the Tier 2 Project Level NEPA review process.

Attachment 11 Illinois Natural History Survey, Preliminary Prairie Report



ILLINOIS NATURAL HISTORY SURVEY

Memorandum

Illinois Department of Transportation
Wyanet Connection
Between Iowa Interstate Railroad (IAIS) &
Burlington Northern Santa Fe Railroad (BNSF)
in Bureau County, Illinois

Prepared by Michael J. C. Murphy

Mapping by Janet L. Jarvis

Division of Biodiversity and Ecological Entomology Biotic Surveys Section

Memorandum to:

Illinois Department of Transportation Bureau of Environment 2300 South Dirksen Parkway Springfield, Illinois 62764

19 July 2010

INHS • 1816 S. Oak St. • Champaign, IL 61820 http://www.inhs.uiuc.edu

INTRODUCTION

A request was received in July 2010 for botanical surveys to be conducted within habitats occurring in the Wyanet Connection Survey Area, Bureau County, Illinois, with an emphasis on any potential high quality prairie remnants. The survey area is located at the point of intersection between the Iowa Interstate Railroad (IAIS) and the Burlington Northern Sante Fe Railroad (BNSF) slighty southwest of Wyanet, Illinois (**Figure 1**), and encompasses a total area of 22.21 ha (54.89 acres). Survey boundaries included areas north of the IAIS railroad and areas northwest and southeast of the BNSF railroad (**Figure 1**). Specific goals of botanical surveys were: 1) to search for populations of threatened or endangered plant species within or immediately adjacent to survey boundaries – with an emphasis on potential remnant prairie habitats, and 2) determine if any high quality natural plant communities were present within the study area.

METHODS

Botanical surveys were conducted during two site visits between 6 July 2010 and 14 July 2010, with the search emphasis on threatened and endangered vascular plant species and/or high-quality natural communities. Cumulative species lists were compiled for all community types/plant associations encountered, and several dozen plant specimens were collected and preserved for laboratory examination with GPS coordinates taken at all collection locations. Upon identification of collected specimens, a Floristic Quality Assessment (FQA) based on Taft et al. (1997) was conducted on any high-quality natural communities occurring in the study area. Collected specimens are deposited in the Illinois Natural History Survey Herbarium (ILLS), in Champaign, Illinois. Botanical nomenclature follows Taft et al. (1997) and if not specifically stated, scientific names followed by an asterisk (*) denote vascular plants that are adventive to this region. Community classification and grades of natural quality follow White (1978). Grades of natural quality are as follows:

Grade A: Relatively stable or undisturbed communities

Grade B: Late successional or lightly disturbed communities

Grade C: Mid-successional or moderately to heavily disturbed communities

Grade D: Early successional or severely disturbed communities

Grade E: Very early successional or very severely disturbed communities

RESULTS AND DISCUSSION

Threatened and Endangered Species

No threatened or endangered vascular plant species were found within the survey area during botanical surveys conducted on the two site visits.

Community Types

Community types within the survey area (**Figure 1**) included four cultural community types (communities resulting from human disturbance) and three natural community types, which were represented by varying degrees of natural quality. Species lists for all community types (with the exception of agricultural land) are provided in **Table 1**. Natural community types

that still possessed a relatively high degree of natural quality will be discussed in detail in the following section, while cultural communities and highly degraded natural communities will be discussed only briefly. Community types occurring within the survey area are as follows:

Natural Communities

- Dry to dry-mesic gravel prairie - Dry-mesic to wet-mesic prairie

- Mesic floodplain forest

Cultural Communities

- Prairie planting
- Pastureland
- Successional forest
- Agricultural land

Community Descriptions

Dry to dry-mesic gravel prairie:

Five small remnants of dry to dry-mesic gravel prairie were found within the study area (**Figure 1**), ranging in size from 0.008 ha (0.02 acres) to 0.054 ha (0.13 acres). One of these remnants was very high quality (grade B to A-), but small (approximately 0.029 ha [0.07 acres]), and occurred immediately southeast of where the IAIS and BNSF railroads intersect (see Figure 1). The native Floristic Quality Index (FQI) for this remnant was 30.7 (29.0 with adventive taxa), which is a relatively high score considering the very small area this remnant occupies. The native mean C-value was 4.7 (4.2 with adventive taxa), which also supports the interpretation of a remnant community with high natural quality. Species occurring in this remnant as well as results of the Floristic Quality Assessment are shown in **Table 2**. The remaining gravel prairie remnants ranged in quality from grade D+ to C (see Figure 1). Species compositions within each of these areas were variable, but taxa commonly associated with these habitats included (see also **Table 1**):

Amorpha canescens Euphorbia corollata Schizachyrium scoparium Andropogon gerardii Helianthus rigidus Silphium laciniatum Aster ericoides Psoralea tenuiflora Silphium terebinthinaceum Ratibida pinnata Solidago rigida Bouteloua curtipendula Brickellia eupatorioides Rosa carolina Stipa spartea Eupatorium altissimum Ruellia humilis Tradescantia ohiensis

Other taxa that were indicative of these habitats, but less commonly encountered, included:

Anemone cylindrica Dalea purpurea Solidago missouriensis Asclepias viridiflora Desmodium illinoense Sporobolus heterolepis Liatris aspera Aster azureus Triosteum perfoliatum Viola pedatifida Aster laevis Lithospermum canescens Coreopsis palmata Penstemon pallidus

Non-native species were common in these habitats, but infestation levels as well as the diversity of non-native species varied depending upon disturbance history and the degree of degradation having occurred within a given area. Common non-native species of gravel prairie habitats included (see also **Table 1**):

Bromus inermis Melilotus alba Poa compressa Daucus carota Pastinaca sativa Poa pratensis

Dry-mesic to wet-mesic prairie:

On the western edge of the survey area, remnant prairie habitats ranging from dry-mesic to wet-mesic occurred parallel to, and on both the north and south sides of, the IAIS railroad (**Figure 1**). Dry-mesic to wet-mesic prairie remnants represented 1.13 ha (2.79 acres) of the survey area. The highest quality remnants of this community type occurred on the north side of the IAIS railroad, and these remnant communities continued west along the railroad (approx. 1.6 km [1 mile]) to CR 1200 E. One small remnant of this community type (approximately 0.14 ha [0.35 acres]) that occurred in the survey area (see **Figure 1**) had very high natural quality ranging from grade B to A-. The native FQI for this remnant was 33.8 (31.9 with adventive taxa), which again, is a relatively high score considering the very small area this remnant occupies. The native mean C-value was 4.6 (4.0 with adventive taxa), which also supports the interpretation of a remnant community with high natural quality. Species occurring in this remnant as well as FQA results are shown in **Table 3**. Remaining prairie communities of this type within the survey area were grade C to D (**Figure 1**), but higher quality areas (including another grade B to A- section of prairie - see **Figure 1**) occurred west, and outside of the survey area, toward CR 1200 E.

Species commonly encountered within these habitat types included (see also **Table 1**):

Allium canadense Rosa carolina Carex tricocarpa Amphicarpa bracteata Equisetum laevigatum Schizachyrium scoparium Euphorbia corollata Andropogon gerardii Silphium laciniatum Euthamia graminifolia Apios americana Silphium terebinthinaceum Apocynum sibiricum Helianthus rigidus Solidago canadensis Aster ericoides Heliopsis helianthoides Solidago rigida Monarda fistulosa Spartina pectinata Aster laevis Muhlenbergia frondosa Aster praealtus Stipa spartea Pycnanthemum virginianum Calystegia sepium Tradescantia ohiensis Carex lanuginosa Ratibida pinnata Veronicastrum virginianum

Other taxa that were indicative of these habitats, but less commonly encountered, included:

Desmodium illinoense Amorpha canescens Lilium michiganense Asclepias viridiflora Desmodium sessilifolium Lithospermum canescens Bouteloua curtipendula Echinacea pallida Phlox maculata Carex emoryi Eryngium yuccifolium Phlox pilosa Carex meadii Lespedeza capitata Sporobolus heterolepis Liatris cylindracea Symphoricarpos occidentalis Dalea candida Liatris pycnostachya Dalea purpurea Zizia aurea

Several non-native species were commonly encountered in these habitats, and included (see also **Table 1**):

Agropyron repens Melilotus alba Poa compressa
Bromus inermis Pastinaca sativa Poa pratensis
Daucus carota Phalaris arundinacea

Mesic floodplain forest:

A small amount of mesic floodplain forest (0.86 ha [2.12 acres]) occurred within the survey area, and this habitat type was located along Pond Creek (**Figure 1**). All areas representing this community type were highly degraded (grade D-), and infestation levels of *Lonicera maackii** (amur honeysuckle) were often very high. The ground flora in these areas was sparse and the dominant condition was bare soil. Heavy shading from amur honeysuckle as well as a dense overstory and understory of *Acer negundo* (boxelder), *Celtis occidentalis* (hackberry), *Morus alba** (white mulberry), *Prunus serotina* (black cherry), *Ulmus americana* (American elm), and *Ulmus rubra* (slippery elm), is a contributing factor to the low diversity in these areas (see also **Table 1**).

Prairie Planting:

Approximately 1.39 ha (3.43 acres) of the survey area were represented by prairie plantings (**Figure 1**). Located on the northern boundaries of the survey area, these prairies appeared to be old agricultural and/or pastureland areas that had been replanted to prairie in more recent years. Much of this community type was dominated by native prairie species, including *Andropogon gerardii* (big bluestem), *Monarda fistulosa* (wild bergamot), *Panicum virgatum* (prairie switch grass), and *Ratibida pinnata* (yellow coneflower), but also had portions infested with, and/or dominated by, non-native species and native ruderal species - these included: *Ambrosia artemisiifolia* (common ragweed), *Bromus inermis** (Hungarian brome), *Medicago sativa** (alfalfa), *Melilotus alba** (white sweet clover), *Pastinaca sativa** (wild parsnip), and *Torilis japonica** (Japanese hedge parsley) (see also **Table 1**).

Pastureland:

Located on the northern boundary of the survey area (**Figure 1**), pastureland represented 0.26 ha (0.64 acres) of the total survey area. The two dominant species of this community type were Hungarian brome* and alfalfa* (see also **Table 1**).

Successional Forest:

Successional forest habitats were prevalent within the survey area (**Figure 1**), occupying 4.92 ha (12.15 acres), and representing areas that have been severely degraded. These areas are now characterized by very dense growth of native, and to a much greater extent, non-native woody species, to the near or complete exclusion of plant species that historically would have been present in these habitats.

Agricultural Land:

Agricultural land represented 10.93 ha (27.02 acres) of the total survey area (**Figure 1**), and at the time surveys were conducted, was planted in either corn (*Zea mays*) or soybeans (*Glycine max*).

Recommendations

Due to the high quality condition of several sections of prairie within the survey area, it is recommended that further surveys for threatened or endangered species be conducted at different times of the growing season (i.e, late summer, autumn, and spring) to account for the phenology of different species. Further surveys would also provide additional information with respect to the natural quality these remnants still possess.

REFERENCES

- Reed, P. B., Jr. 1988. National list of plant species that occur in wetlands: north central (region 3). U.S. Fish and Wildlife Service Biological Report 88(26.3).
- Taft, J. B., G. S. Wilhelm, D. M. Ladd, and L. A. Masters. 1997. Floristic quality assessment for vegetation in Illinois. A method for assessing vegetation integrity. Erigenia 15:3-95.
- White, J. 1978. Illinois natural areas inventory technical report. Vol. 1. Survey methods and results. Illinois Natural Areas Inventory, Urbana. 426 pp.



Figure 1. Plant community types located in the Wyanet Connection Survey Area, Bureau County, Illinois. Page 1640 of 2624

Table 1. Vascular plant species and corresponding habitats observed in the IDOT Wyanet Connection Survey Area, Bureau County, Illinois. Habitat abbreviations are: DMGP = dry/dry-mesic gravel prairie; DMWMP = dry-mesic to wet-mesic prairie; MFPF = degraded mesic floodplain forest; PLPR = planted prairie; PL = pastureland; and SF = successional forest. Other abbreviations are: C = coefficient of conservatism; W = numeric wetness values for wetland categories (see end of table); Wetness = wetland classification category (see end of table); Physiog. = physiognomy (combination of structural attributes, life history and taxonomic classification). Single letter prefixes for Forb, Grass, Sedge, or Vine classifications: A = annual, H = herbaceous, P = perennial, and W = woody. Scientific names in all capital letters indicate non-native taxa.

						DMGP	DMWMP	MFPF	PLPR	PL	SF
С	Scientific Name	W	Wetness	Physiog.	Common Name						
1	Acer negundo	-2	FACW-	Tree	BOXELDER	Χ	Χ	Χ			Χ
0	AGROPYRON REPENS	3	FACU	P-Grass	QUACK GRASS		Χ				
0	Agrostis alba	-3	FACW	P-Grass	RED TOP		Χ				
0	ALLIARIA PETIOLATA	0	FAC	B-Forb	GARLIC MUSTARD			Х			Х
2	Allium canadense	3	FACU	P-Forb	WILD GARLIC		Χ				
0	AMARANTHUS RETROFLEXUS	2	FACU+	A-Forb	ROUGH PIGWEED						Х
0	Ambrosia artemisiifolia	3	FACU	A-Forb	COMMON RAGWEED		Χ		Χ	Х	
0	Ambrosia trifida	-1	FAC+	A-Forb	GIANT RAGWEED		Χ	Х	Χ		Х
8	Amorpha canescens	5	UPL	Shrub	LEAD PLANT	X	Χ				
4	Amphicarpa bracteata	0	FAC	H-Vine	HOG PEANUT		Χ				
5	Andropogon gerardii	1	FAC-	P-Grass	BIG BLUESTEM	Χ	Χ		Χ		
4	Anemone canadensis	-3	FACW	P-Forb	MEADOW ANEMONE	Χ	Χ				
8	Anemone cylindrica	5	UPL	P-Forb	CANDLE ANEMONE	Χ					
4	Anemone virginiana	5	UPL	P-Forb	TALL ANEMONE	Χ					
3	Apios americana	-3	FACW	H-Vine	GROUND NUT		Χ				
2	Apocynum sibiricum	-1	FAC+	P-Forb	INDIAN HEMP	Χ	Χ		Χ		
0	Asclepias syriaca	5	UPL	P-Forb	COMMON MILKWEED	Χ	Χ		Χ	Х	
9	Asclepias viridiflora	5	UPL	P-Forb	GREEN MILKWEED	Χ	Χ				
0	ASPARAGUS OFFICINALIS	3	FACU	P-Forb	GARDEN ASPARAGUS	Χ			Χ		
7	Aster azureus	5	UPL	P-Forb	SKY-BLUE ASTER	Χ					
4	Aster ericoides	4	FACU-	P-Forb	HEATH ASTER	Χ	Χ				
8	Aster laevis	5	UPL	P-Forb	SMOOTH BLUE ASTER	Χ	Χ				
4	Aster novae-angliae	-3	FACW	P-Forb	NEW ENGLAND ASTER		Χ				
0	Aster pilosus	4	FACU-	P-Forb	HAIRY ASTER	Χ	Χ		Χ	Х	
4	Aster praealtus	-5	OBL	P-Forb	WILLOW ASTER		Χ				
3	Aster simplex	-5	OBL	P-Forb	PANICLED ASTER			Х			
7	Astragalus canadensis	-1	FAC+	P-Forb	CANADIAN MILK VETCH				Χ		
1	Bidens frondosa	-3	FACW	A-Forb	COMMON BEGGAR'S TICKS			Х			
7	Bouteloua curtipendula	5	UPL	P-Grass	SIDE-OATS GRAMA	Χ	Χ				
0	BRASSICA NIGRA	5	UPL	A-Forb	BLACK MUSTARD			Х			Х
6	Brickellia eupatorioides	5	UPL	P-Forb	FALSE BONESET	Χ	Χ				
0	BROMUS ARVENSIS	5	UPL	P-Grass	CHESS				Χ		
0	BROMUS INERMIS	5	UPL	P-Grass	HUNGARIAN BROME	Χ			Χ	Х	
1	Calystegia sepium	0	FAC	P-Forb	AMERICAN BINDWEED	Χ	Χ	Х	Χ		
4	Campanula americana	0	FAC	A-Forb	AMERICAN BELLFLOWER		Χ	Х			Х
4	Carex aggregata	5	UPL	P-Sedge	SMOOTH CLUSTERED SEDGE		Χ				
4	Carex brevior	0	FAC	P-Sedge	PLAINS OVAL SEDGE		Χ				
6	Carex emoryi	-5	OBL	P-Sedge	RIVERBANK SEDGE		Χ				
4	Carex lanuginosa	-5	OBL		WOOLY SEDGE		Χ				
6	Carex meadii	4	FACU-	P-Sedge	MEAD'S STIFF SEDGE		Χ				
5	Carex stricta	-5	OBL	P-Sedge	TUSSOCK SEDGE		Χ				
6	Carex trichocarpa	-5	OBL		HAIRY-FRUITED LAKE SEDGE		Χ				
1	Cassia fasciculata	4	FACU-	A-Forb	GOLDEN CASSIA	Χ					
3	Celtis occidentalis	1	FAC-	Tree	HACKBERRY			Χ			Х
4	Cicuta maculata	-5	OBL	B-Forb	WATER HEMLOCK		Χ	Х			
3	Cirsium discolor	5	UPL	B-Forb	PASTURE THISTLE	Χ	Χ				
6	Comandra umbellata	3	FACU	P-Forb	BASTARD TOAD-FLAX		Χ				

Tab	ele 1 continued					DMGP	DMWMP	MFPF	PLPR	PL	SF
	Scientific Name	W	Wetness	Physiog.	Common Name					_	- 0,
0	COMMELINA COMMUNIS	0	FAC	A-Forb	COMMON DAY FLOWER						Χ
0	Conyza canadensis	1	FAC-	A-Forb	HORSEWEED				Χ	Х	Χ
6	Coreopsis palmata	5	UPL	P-Forb	PRAIRIE COREOPSIS	Χ	Χ				
2	Cornus drummondii	0	FAC	Shrub	ROUGH-LEAVED DOGWOOD	Χ					Χ
1	Cryptotaenia canadensis	0	FAC	P-Forb	HONEWORT			Х			Χ
2	Cuscuta gronovii	-3	FACW	A-Forb	COMMON DODDER		Χ				
0	DACTYLIS GLOMERATA	3	FACU	P-Grass					Χ	Х	
9	Dalea candida	5	UPL	P-Forb	WHITE PRAIRIE CLOVER		X				
8	Dalea purpurea	5	UPL	P-Forb	PURPLE PRAIRIE CLOVER	X	X		V		
0	DAUCUS CAROTA	4	FACU-	B-Forb	QUEEN ANNE'S LACE	X X	X		Χ	Х	
5	Desmodium illinoense	5 5	UPL UPL	P-Forb P-Forb	ILLINOIS TICK TREFOIL SESSILE-LEAVED TICKTREFOIL	^	X X				
6 7	Desmodium sessilifolium Echinacea pallida	5 5	UPL	P-Forb	PALE PURPLE CONEFLOWER	Х	X				
4	Elymus canadensis	1	FAC-	P-FOID P-Grass		^	X				
4	Elymus virginicus	-2	FACW-	P-Grass	VIRGINIA WILD RYE		X	Х			
0	Equisetum arvense	0	FAC	Fern	COMMON HORSETAIL		X	X			
4	Equisetum laevigatum	-3	FACW	Fern	SMOOTH SCOURING RUSH	Х	X	^			
2	Erigeron strigosus	1	FAC-	P-Forb	DAISY FLEABANE	X	X		Χ		
7	Eryngium yuccifolium	-1	FAC+	P-Forb	RATTLESNAKE MASTER	,,	X		<i>,</i> ,		
2	Eupatorium altissimum	3	FACU	P-Forb	TALL BONESET	Χ	X				
2	Eupatorium rugosum	3	FACU	P-Forb	WHITE SNAKEROOT			Х			Χ
3	Euphorbia corollata	5	UPL	P-Forb	FLOWERING SPURGE	Χ	Χ				
3	Euthamia graminifolia	-2	FACW-	P-Forb	GRASS-LEAVED GOLDENROD		Χ				
0	FESTUCA ARUNDINACEA	2	FACU+	P-Grass	TALL FESCUE	Χ			Χ		
2	Fragaria virginiana	1	FAC-	P-Forb	WILD STRAWBERRY	Χ	Χ				
4	Galium triflorum	2	FACU+	P-Forb	SWEET-SCENTED BEDSTRAW			Х			Χ
2	Geum canadense	0	FAC	P-Forb	WHITE AVENS			Χ			Χ
2	Gleditsia triacanthos	0	FAC	Tree	HONEY LOCUST			Х			Χ
1	Hackelia virginiana	1	FAC-	P-Forb	STICKSEED			Х			Χ
2	Helianthus grosseserratus	-2	FACW-	P-Forb	SAWTOOTH SUNFLOWER		Χ				
5	Helianthus hirsutus	5	UPL	P-Forb	BRISTLY SUNFLOWER	Х					
6	Helianthus rigidus	5	UPL	P-Forb	PRAIRIE SUNFLOWER	Χ	X				
3	Helianthus tuberosus	0	FAC	P-Forb	JERUSALEM ARTICHOKE		X				
4	Heliopsis helianthoides	5	UPL	P-Forb	FALSE SUNFLOWER		Х	.,	Χ		.,
2	Impatiens capensis	-3	FACW	A-Forb	SPOTTED TOUCH-ME-NOT		Χ	Χ			X
4	Juglans nigra	3	FACU	Tree	BLACK WALNUT	X					X
1	Juniperus virginiana	3	FACU	Tree	EASTERN RED CEDAR	X					X
1	Lactuca canadensis	2	FACU+	B-Forb	WILD LETTUCE	Χ	Χ				V
	LACTUCA SERRIOLA	0	FAC	B-Forb	PRICKLY LETTUCE		Х				Х
4 7	Lespedeza capitata	3 5	FACU UPL	P-Forb P-Forb	ROUND-HEADED BUSH CLOVER	Х	X				
	Liatris aspera Liatris cylindracea	5	UPL	P-Forb	ROUGH BLAZING STAR CYLINDRICAL BLAZING STAR	^	X				
8 6	Liatris cylindracea Liatris pycnostachya	5 1	FAC-	P-Forb	PRAIRIE BLAZINE STAR		X				
6	Lilium michiganense	-1	FAC+	P-Forb	MICHIGAN LILY		X				
6	Lithospermum canescens	5	UPL	P-Forb	HOARY PUCCOON		X				
0	LONICERA MAACKII	5	UPL	Shrub	AMUR HONEYSUCKLE	Х	X	Х			Х
3	Lycopus americanus	-5	OBL	P-Forb	COMMON WATER HOREHOUND	^	X	\ \			^
5	Lythrum alatum	-5	OBL	P-Forb	WINGED LOOSESTRIFE		X				
3	Malus ioensis	5	UPL	Tree	IOWA CRAB	Χ	^				
0	MEDICAGO LUPULINA	1	FAC-	A-Forb	BLACK MEDICK	X			Χ		
0	MEDICAGO SATIVA	5	UPL	P-Forb	ALFALFA	/\			X	Х	
0	MELILOTUS ALBA	3	FACU	B-Forb	WHITE SWEET CLOVER	Х	Χ		X	X	
4	Menispermum canadense	-1	FAC+	W-Vine	MOONSEED	- `		Х	• •	 	Χ
0	MIRABILIS NYCTAGINEA	5	UPL	P-Forb	WILD FOUR O'CLOCK			l (`			X
4	Monarda fistulosa	3	FACU	P-Forb	WILD BERGAMOT		Χ		Χ		, (

Tah	ole 1 continued					DMGP	DMWMP	MFPF	PLPR	PL	SF
	Scientific Name	W	Wetness	Physiog.	Common Name			2	<u>п</u>	_	<u>ഗ</u>
0	MORUS ALBA	0	FAC	Tree	WHITE MULBERRY			Х			Х
3	Muhlenbergia frondosa	-3	FACW	P-Grass	COMMON SATIN GRASS		Χ				
0	NEPETA CATARIA	1	FAC-	P-Forb	CATNIP						Χ
10	Onosmodium molle	5	UPL	P-Forb	DOWNY MARBLESEED	Χ					
3	Osmorhiza longistylis	4	FACU-	P-Forb	ANISE ROOT			Х			Χ
3	Panicum oligosanthes v. scribnerianum	3	FACU	P-Grass	SCRIBNER'S PANIC GRASS	Χ	Χ				
4	Panicum virgatum	-1	FAC+	P-Grass	PRAIRIE SWITCH GRASS		Χ		Χ		
2	Parthenocissus quinquefolia	1	FAC-	W-Vine	VIRGINIA CREEPER	Χ	Χ	Х			Χ
0	PASTINACA SATIVA	5	UPL	B-Forb	WILD PARSNIP	Χ	Χ		Χ		
6	Penstemon pallidus	5	UPL	P-Forb	PALE BEARD TONGUE	Χ					
0	PHALARIS ARUNDINACEA	-4	FACW+	P-Grass	REED CANARY GRASS		Χ	Х			
0	PHLEUM PRATENSE	3	FACU	P-Grass	TIMOTHY		Χ			Х	
10	Phlox maculata	-5	OBL	P-Forb	WILD SWEET WILLIAM		Χ				
7	Phlox pilosa	1	FAC-	P-Forb	SAND PRAIRIE PHLOX		Χ				
1	Phragmites australis	-4	FACW+	P-Grass	COMMON REED		Χ				
4	Phryma leptostachya	5	UPL	P-Forb	LOPSEED	Χ		Х			Χ
2	Physalis heterophylla	5	UPL	P-Forb	CLAMMY GROUND CHERRY	Χ					
0	Physalis subglabrata	5	UPL	P-Forb	SMOOTH GROUND CHERRY		Χ				
1	Phytolacca americana	1	FAC-	P-Forb	POKEWEED			Х			Χ
3	Pilea pumila	-3	FACW	A-Forb	CANADA CLEARWEED			Х			Χ
0	POA COMPRESSA	2	FACU+	P-Grass	CANADIAN BLUE GRASS	Χ	Χ				Χ
0	POA PRATENSIS	1	FAC-		KENTUCKY BLUE GRASS	Χ	Χ		Χ	Х	
2	Polygonum scandens	0	FAC	H-Vine	CLIMBING FALSE BUCKWHEAT		Χ	Х			
2	Populus deltoides	-1	FAC+	Tree	EASTERN COTTONWOOD			Х			Χ
3	Prunus americana	5	UPL	Tree	AMERICAN PLUM		Χ				
1	Prunus serotina	3	FACU	Tree	WILD BLACK CHERRY	Χ	Χ	Х			Χ
8	Psoralea tenuiflora	5	UPL	P-Forb	SCURFY-PEA	Χ					
5	Pycnanthemum virginianum	-4	FACW+	P-Forb	COMMON MOUNTAIN MINT		Χ				
5	Quercus macrocarpa	1	FAC-	Tree	BURR OAK						Χ
4	Ranunculus septentrionalis	-4	FACW+	P-Forb	SWAMP BUTTERCUP			Х			
4	Ratibida pinnata	5	UPL	P-Forb	YELLOW CONEFLOWER	Χ	Χ		Χ		
1	Rhus glabra	5	UPL	Shrub	SMOOTH SUMAC	Χ	Χ				Χ
2	Ribes missouriense	5	UPL	Shrub	MISSOURI GOOSEBERRY			Х			Χ
4	Rosa carolina	4	FACU-	Shrub	PASTURE ROSE	Χ	Χ				
2	Rubus occidentalis	3	FACU	Shrub	BLACK RASPBERRY		Χ	Х			Χ
2	Rubus pensylvanicus	1	FAC-	Shrub	YANKEE BLACKBERRY	Χ	Χ	Х			Χ
2	Rudbeckia hirta	3	FACU	P-Forb	BLACK-EYED SUSAN	Χ	Χ		Χ		
3	Ruellia humilis	4	FACU-	P-Forb	HAIRY RUELLIA	Χ	Χ				
0	RUMEX CRISPUS	-1	FAC+	P-Forb	CURLY DOCK			Х			
4	Sagittaria latifolia	-5	OBL	P-Forb	COMMON ARROWHEAD			Х			
1	Salix exigua	-5	OBL	Shrub	SANDBAR WILLOW		Χ				
2	Sambucus canadensis	4	FACU-	Shrub	COMMON ELDER		Χ	Х			
0	SAPONARIA OFFICINALIS	3	FACU	P-Forb	BOUNCING BET		Χ				
5	Schizachyrium scoparium	4	FACU-	P-Grass	LITTLE BLUESTEM	Х	Χ		Χ		
6	Senecio plattensis	4	FACU-	P-Forb	PRAIRIE RAGWORT	Χ					
6	Silene stellata	5	UPL	P-Forb	STARRY CAMPION		Χ				
5	Silphium integrifolium	5	UPL	P-Forb	ROSIN WEED		Χ				
5	Silphium laciniatum	4	FACU-	P-Forb	COMPASS PLANT	Χ	Χ				
4	Silphium perfoliatum	-2	FACW-	P-Forb	CUP PLANT		Χ				
4	Silphium terebinthinaceum	1	FAC-	P-Forb	PRAIRIE DOCK	Χ	Χ				
3	Smilax hispida	0	FAC	W-Vine	BRISTLY GREEN BRIER			Х			
4	Smilax lasioneuron	5	UPL	H-Vine	COMMON CARRION FLOWER		Х	1			
0	Solanum carolinense	4	FACU-	P-Forb	HORSE NETTLE						Χ
1	Solidago canadensis	3	FACU	P-Forb	CANADA GOLDENROD	Х	Х		Χ		•
3	Solidago gigantea		FACW	P-Forb	LATE GOLDENROD	X	X	Х	- •		

						DMGP	DMWMP	MFPF	PLPR		
Tab	ole 1 continued					Δ	Δ	MF	PL	PL	SF
С		W	Wetness	Physiog.	Common Name						
4	Solidago missouriensis	5	UPL	P-Forb	MISSOURI GOLDENROD	Χ					
4	Solidago rigida	4	FACU-	P-Forb	RIGID GOLDENROD	Χ	Χ				
4	Spartina pectinata	-4	FACW+	P-Grass	PRAIRIE CORD GRASS		Χ				
9	Sporobolus heterolepis	4	FACU-	P-Grass	NORTHERN DROP SEED	Χ	Χ				
5	Stachys palustris	-5	OBL	P-Forb	WOUNDWORT		Χ				
6	Stipa spartea	5	UPL	P-Grass		Χ	Χ				
6	Symphoricarpos occidentalis	5	UPL	Shrub	WOLFBERRY		Χ				
3	Teucrium canadense v. virginicum	-2		P-Forb	AMERICAN GERMANDER	Χ	Χ				
5	Thalictrum dasycarpum v. hypoglaucum	-2	FACW-	P-Forb	SMOOTH MEADOW RUE		Χ				
5	Tilia americana	3	FACU	Tree	AMERICAN LINDEN						Х
0	TORILIS JAPONICA	5	UPL	A-Forb	JAPANESE HEDGE PARSLEY				Х		
1	Toxicodendron radicans	3	FACU	W-Vine	POISON IVY	Χ	Χ	Χ	Χ		Х
3	Tradescantia ohiensis	2	FACU+	P-Forb	COMMON SPIDERWORT	Χ	Χ				
0	TRAGOPOGON PRATENSIS	5	UPL	B-Forb	COMMON GOAT'S BEARD		Χ				
0	TRIFOLIUM PRATENSE	2	FACU+	P-Forb	RED CLOVER					Х	
5	Triosteum perfoliatum	5	UPL	P-Forb	LATE HORSE GENTIAN	Χ	Χ				
5	Ulmus americana	-2	FACW-	Tree	AMERICAN ELM			Χ			Х
3	Ulmus rubra	0	FAC	Tree	SLIPPERY ELM			Х			Х
2	Urtica dioica	-1	FAC+	P-Forb	TALL NETTLE		Χ	Χ			Х
0	VERBASCUM THAPSUS	5	UPL	B-Forb	WOOLLY MULLEIN		Χ		Х	Х	
2	Verbena stricta	5	UPL	P-Forb	HOARY VERVAIN	Χ					
3	Verbena urticifolia	-1	FAC+	P-Forb	WHITE VERVIAN			Χ	Χ	Χ	Χ
6	Veronicastrum virginicum	0	FAC	P-Forb	CULVER'S ROOT		Χ				
0	VIBURNUM OPULUS	0	FAC	Shrub	EUROPEAN BUSH CRANBERRY						Χ
9	Viola pedatifida	4	FACU-	P-Forb	PRAIRIE VIOLET	Χ					
2	Vitis riparia	-2	FACW-	W-Vine	RIVERBANK GRAPE	Χ	Χ	Х			Χ
6	Zizia aurea	-1	FAC+	P-Forb	GOLDEN ALEXANDERS		Χ				

Wetland classification categories follow Reed (1988) for Region 3. Further details are from Taft et al. (1997). Plants are placed within one of five wetland indicator categories: Obligate Wetland (OBL), Facultative Wetland (FACW), Facultative (FAC), Facultative Upland (FACU), and Upland (UPL). Within any of these five categories, a "+" indicates that a particular taxon has a greater tendency to occur in wetlands while a "-" indicates a lesser tendency. Following this, indicator status categories, in descending order of probability of occurrence in wetland habitat, would be:

 -5 Obligate Wetland 	(OBL)
-4 Facultative Wetland +	(FACW+)
-3 Facultative Wetland	(FACW)
-2 Facultative Wetland -	(FACW-)
-1 Facultative +	(FAC+)
0 Facultative	(FAC)
+1 Facultative -	(FAC-)
+2 Facultative Upland +	(FACU+)
+3 Facultative Upland	(FACU)
+4 Facultative Upland -	(FACU-)
+5 Upland	(UPL)

Table 2. Vascular plant species occurring at a grade B to A- remnant gravel prairie within the IDOT Wyanet Connection Survey Area, Bureau County, IL, and results of corresponding Floristic Quality Assessment. C = coefficient of conservatism; Physiognomy = (combination of structural attributes, life history and taxonomic classification). Single letter prefixes accompanying Forb, Grass, Sedge, or Vine classifications are as follows: A = annual, H = herbaceous, P = perennial, and W = woody. Taxa with scientific names in all capital letters are adventive to the region.

FLORISTIC QUALITY DATA	Native	43	89.6%	Adventive	5	10.4%	
43 NATIVE SPECIES	Tree	2	4.2%	Tree	0	0.0%	
48 Total Species	Shrub	4	8.3%	Shrub	0	0.0%	
4.7 NATIVE MEAN C	W-Vine	2	4.2%	W-Vine	0	0.0%	
4.2 W/Adventives	H-Vine	0	0.0%	H-Vine	0	0.0%	
30.7 NATIVE FQI	P-Forb	26	54.2%	P-Forb	0	0.0%	
29.0 W/Adventives	B-Forb	2	4.2%	B-Forb	3	6.3%	
3.4 NATIVE MEAN W	A-Forb	0	0.0%	A-Forb	0	0.0%	
3.4 W/Adventives	P-Grass	6	12.5%	P-Grass	2	4.2%	
AVG: Fac. Upland	A-Grass	0	0.0%	A-Grass	0	0.0%	
	P-Sedge	0	0.0%	P-Sedge	0	0.0%	
	A-Sedge	0	0.0%	A-Sedge	0	0.0%	
	Fern	1	2.1%				

	Fern	1 2.19	2
	Scientific Name	Physiognomy	Common Name
8	Amorpha canescens	Shrub	LEAD PLANT
5	Andropogon gerardii	P-Grass	BIG BLUESTEM
8	Anemone cylindrica	P-Forb	CANDLE ANEMONE
9	Asclepias viridiflora	P-Forb	GREEN MILKWEED
7	Aster azureus	P-Forb	SKY-BLUE ASTER
4	Aster ericoides	P-Forb	HEATH ASTER
8	Aster laevis	P-Forb	SMOOTH BLUE ASTER
7	Bouteloua curtipendula	P-Grass	SIDE-OATS GRAMA
6	Brickellia eupatorioides	P-Forb	FALSE BONESET
0	BROMUS INERMIS	P-Grass	HUNGARIAN BROME
3	Cirsium discolor	B-Forb	PASTURE THISTLE
2	Cornus drummondii	Shrub	ROUGH-LEAVED DOGWOOD
8	Dalea purpurea	P-Forb	PURPLE PRAIRIE CLOVER
0	DAUCUS CAROTA	B-Forb	QUEEN ANNE'S LACE
7	Echinacea pallida	P-Forb	PALE PURPLE CONEFLOWER
4	Equisetum laevigatum	Fern	SMOOTH SCOURING RUSH
2	Erigeron strigosus	P-Forb	DAISY FLEABANE
2	Eupatorium altissimum	P-Forb	TALL BONESET
3	Euphorbia corollata	P-Forb	FLOWERING SPURGE
5	Helianthus hirsutus	P-Forb	BRISTLY SUNFLOWER
6	Helianthus rigidus	P-Forb	PRAIRIE SUNFLOWER
1	Juniperus virginiana	Tree	EASTERN RED CEDAR
1	Lactuca canadensis	B-Forb	WILD LETTUCE
7	Liatris aspera	P-Forb	ROUGH BLAZING STAR
3	Malus ioensis	Tree	IOWA CRAB
0	MELILOTUS ALBA	B-Forb	WHITE SWEET CLOVER
10	Onosmodium molle	P-Forb	DOWNY MARBLESEED
3	Panicum oligosanthes v. scribnerianum	P-Grass	SCRIBNER'S PANIC GRASS
0	PASTINACA SATIVA	B-Forb	WILD PARSNIP
6	Penstemon pallidus	P-Forb	PALE BEARD TONGUE
0	POA COMPRESSA	P-Grass	CANADIAN BLUE GRASS
8	Psoralea tenuiflora	P-Forb	SCURFY-PEA
4	Ratibida pinnata	P-Forb	YELLOW CONEFLOWER
1	Rhus glabra	Shrub	SMOOTH SUMAC

Table 2 continued

С	Scientific Name	Physiognomy	Common Name
4	Rosa carolina	Shrub	PASTURE ROSE
5	Schizachyrium scoparium	P-Grass	LITTLE BLUESTEM
6	Senecio plattensis	P-Forb	PRAIRIE RAGWORT
4	Silphium terebinthinaceum	P-Forb	PRAIRIE DOCK
1	Solidago canadensis	P-Forb	CANADA GOLDENROD
3	Solidago gigantea	P-Forb	LATE GOLDENROD
4	Solidago rigida	P-Forb	RIGID GOLDENROD
9	Sporobolus heterolepis	P-Grass	NORTHERN DROP SEED
6	Stipa spartea	P-Grass	PORCUPINE GRASS
3	Teucrium canadense v. virginicum	P-Forb	AMERICAN GERMANDER
1	Toxicodendron radicans	W-Vine	POISON IVY
3	Tradescantia ohiensis	P-Forb	COMMON SPIDERWORT
2	Verbena stricta	P-Forb	HOARY VERVAIN
2	Vitis riparia	W-Vine	RIVERBANK GRAPE

Table 3. Vascular plant species occurring at a grade B to A- remnant dry-mesic to wet-mesic prairie within the IDOT Wyanet Connection Survey Area, Bureau County, IL, and results of corresponding Floristic Quality Assessment. C = coefficient of conservatism; Physiognomy = (combination of structural attributes, life history and taxonomic classification). Single letter prefixes accompanying Forb, Grass, Sedge, or Vine classifications are as follows: A = annual, H = herbaceous, P = perennial, and W = woody. Taxa with scientific names in all capital letters are adventive to the region

	onomic classification). Single lette						
	ows: A = annual, H = herbaceous	P = perennia	al, and W =	woody.	Taxa with scientific i	names	in all capital
lette	ers are adventive to the region.						
	FLORISTIC QUALITY DATA	Native	55	88.7%	Adventive	7	11.3%
	55 NATIVE SPECIES	Tree	0	0.0%	Tree	0	0.0%
	62 Total Species	Shrub	3	4.8%	Shrub	0	0.0%
	4.6 NATIVE MEAN C	W-Vine	1	1.6%	W-Vine	0	0.0%
	4.0 W/Adventives	H-Vine	2	3.2%	H-Vine	0	0.0%
	33.8 NATIVE FQI	P-Forb	34	54.8%	P-Forb	0	0.0%
	31.9 W/Adventives	B-Forb	2	3.2%	B-Forb	3	4.8%
	2.1 NATIVE MEAN W	A-Forb	0	0.0%	A-Forb	0	0.0%
	2.3 W/Adventives	P-Grass	8	12.9%	P-Grass	4	6.5%
	AVG: Fac. Upland (+)	A-Grass	0	0.0%	A-Grass	0	0.0%
		P-Sedge	4	6.5%	P-Sedge	0	0.0%
		A-Sedge	0	0.0%	A-Sedge	0	0.0%
		Fern	1	1.6%			
С	Scientific Name		Physiog	nomy	Common Name		
0	AGROPYRON REPENS		P-Grass		QUACK GRASS		
2	Allium canadense		P-Forb		WILD GARLIC		
8	Amorpha canescens		Shrub		LEAD PLANT		
•	7 tillorpila dalloscolis		Official		LLADILANI		
4	Amphicarpa bracteata		H-Vine		HOG PEANUT		
_	•		H-Vine P-Grass				
4	Amphicarpa bracteata Andropogon gerardii Anemone canadensis		H-Vine P-Grass P-Forb		HOG PEANUT	ONE	
4 5	Amphicarpa bracteata Andropogon gerardii		H-Vine P-Grass		HOG PEANUT BIG BLUESTEM		
4 5 4	Amphicarpa bracteata Andropogon gerardii Anemone canadensis Asclepias syriaca Aster ericoides		H-Vine P-Grass P-Forb		HOG PEANUT BIG BLUESTEM MEADOW ANEMO		
4 5 4 0	Amphicarpa bracteata Andropogon gerardii Anemone canadensis Asclepias syriaca Aster ericoides Aster laevis		H-Vine P-Grass P-Forb P-Forb		HOG PEANUT BIG BLUESTEM MEADOW ANEMO COMMON MILKW HEATH ASTER SMOOTH BLUE A	/EED	
4 5 4 0 4 8 4	Amphicarpa bracteata Andropogon gerardii Anemone canadensis Asclepias syriaca Aster ericoides Aster laevis Aster praealtus		H-Vine P-Grass P-Forb P-Forb		HOG PEANUT BIG BLUESTEM MEADOW ANEMO COMMON MILKW HEATH ASTER SMOOTH BLUE A WILLOW ASTER	EED STER	
4 5 4 0 4 8	Amphicarpa bracteata Andropogon gerardii Anemone canadensis Asclepias syriaca Aster ericoides Aster laevis Aster praealtus Bouteloua curtipendula		H-Vine P-Grass P-Forb P-Forb P-Forb P-Forb P-Grass		HOG PEANUT BIG BLUESTEM MEADOW ANEMO COMMON MILKW HEATH ASTER SMOOTH BLUE A WILLOW ASTER SIDE-OATS GRAI	VEED ASTER MA	
4 5 4 0 4 8 4 7 6	Amphicarpa bracteata Andropogon gerardii Anemone canadensis Asclepias syriaca Aster ericoides Aster laevis Aster praealtus Bouteloua curtipendula Brickellia eupatorioides		H-Vine P-Grass P-Forb P-Forb P-Forb P-Forb P-Grass P-Forb		HOG PEANUT BIG BLUESTEM MEADOW ANEMO COMMON MILKW HEATH ASTER SMOOTH BLUE A WILLOW ASTER SIDE-OATS GRAI FALSE BONESET	VEED ASTER MA	
4 5 4 0 4 8 4 7 6 0	Amphicarpa bracteata Andropogon gerardii Anemone canadensis Asclepias syriaca Aster ericoides Aster laevis Aster praealtus Bouteloua curtipendula Brickellia eupatorioides BROMUS INERMIS		H-Vine P-Grass P-Forb P-Forb P-Forb P-Grass P-Forb P-Grass P-Grass		HOG PEANUT BIG BLUESTEM MEADOW ANEMO COMMON MILKW HEATH ASTER SMOOTH BLUE A WILLOW ASTER SIDE-OATS GRAI FALSE BONESET HUNGARIAN BRO	STER MA OME	
4 5 4 0 4 8 4 7 6 0 6	Amphicarpa bracteata Andropogon gerardii Anemone canadensis Asclepias syriaca Aster ericoides Aster laevis Aster praealtus Bouteloua curtipendula Brickellia eupatorioides BROMUS INERMIS Carex emoryi		H-Vine P-Grass P-Forb P-Forb P-Forb P-Grass P-Forb P-Grass P-Grass P-Grass P-Sedge		HOG PEANUT BIG BLUESTEM MEADOW ANEMO COMMON MILKW HEATH ASTER SMOOTH BLUE A WILLOW ASTER SIDE-OATS GRAI FALSE BONESET HUNGARIAN BRO RIVERBANK SED	STER MA OME	
4 5 4 0 4 8 4 7 6 0 6 4	Amphicarpa bracteata Andropogon gerardii Anemone canadensis Asclepias syriaca Aster ericoides Aster laevis Aster praealtus Bouteloua curtipendula Brickellia eupatorioides BROMUS INERMIS Carex emoryi Carex lanuginosa		H-Vine P-Grass P-Forb P-Forb P-Forb P-Grass P-Forb P-Grass P-Grass P-Sedge P-Sedge		HOG PEANUT BIG BLUESTEM MEADOW ANEMO COMMON MILKW HEATH ASTER SMOOTH BLUE A WILLOW ASTER SIDE-OATS GRAI FALSE BONESET HUNGARIAN BRO RIVERBANK SED WOOLY SEDGE	ASTER MA OME	
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4 5 4 0 4 8 4 7 6 0 6 4 6 6	Amphicarpa bracteata Andropogon gerardii Anemone canadensis Asclepias syriaca Aster ericoides Aster laevis Aster praealtus Bouteloua curtipendula Brickellia eupatorioides BROMUS INERMIS Carex emoryi Carex lanuginosa Carex meadii Carex trichocarpa		H-Vine P-Grass P-Forb P-Forb P-Forb P-Grass P-Grass P-Grass P-Sedge P-Sedge P-Sedge		HOG PEANUT BIG BLUESTEM MEADOW ANEMO COMMON MILKW HEATH ASTER SMOOTH BLUE A WILLOW ASTER SIDE-OATS GRAI FALSE BONESET HUNGARIAN BRO RIVERBANK SED WOOLY SEDGE MEAD'S STIFF SE HAIRY-FRUITED	VEED ASTER MA DME GE EDGE LAKE S	SEDGE
4 5 4 0 4 8 4 7 6 0 6 4 6 6 3	Amphicarpa bracteata Andropogon gerardii Anemone canadensis Asclepias syriaca Aster ericoides Aster laevis Aster praealtus Bouteloua curtipendula Brickellia eupatorioides BROMUS INERMIS Carex emoryi Carex lanuginosa Carex meadii Carex trichocarpa Cirsium discolor		H-Vine P-Grass P-Forb P-Forb P-Forb P-Grass P-Grass P-Sedge P-Sedge P-Sedge B-Forb		HOG PEANUT BIG BLUESTEM MEADOW ANEMC COMMON MILKW HEATH ASTER SMOOTH BLUE A WILLOW ASTER SIDE-OATS GRAI FALSE BONESET HUNGARIAN BRO RIVERBANK SED WOOLY SEDGE MEAD'S STIFF SE HAIRY-FRUITED PASTURE THISTI	MA - DME - GE EDGE LAKE S	SEDGE
4 5 4 0 4 8 4 7 6 0 6 4 6 6 3 6	Amphicarpa bracteata Andropogon gerardii Anemone canadensis Asclepias syriaca Aster ericoides Aster laevis Aster praealtus Bouteloua curtipendula Brickellia eupatorioides BROMUS INERMIS Carex emoryi Carex lanuginosa Carex meadii Carex trichocarpa Cirsium discolor Comandra umbellata		H-Vine P-Grass P-Forb P-Forb P-Forb P-Grass P-Grass P-Sedge P-Sedge P-Sedge P-Sedge P-Sedge P-Sedge P-Sedge P-Sedge P-Sedge		HOG PEANUT BIG BLUESTEM MEADOW ANEMC COMMON MILKW HEATH ASTER SMOOTH BLUE A WILLOW ASTER SIDE-OATS GRAI FALSE BONESET HUNGARIAN BRO RIVERBANK SED WOOLY SEDGE MEAD'S STIFF SE HAIRY-FRUITED PASTURE THISTI BASTARD TOAD-	MA DME GE EDGE LAKE S LE FLAX	SEDGE
4 5 4 0 0 4 4 8 4 7 6 0 6 4 6 6 3 6 6	Amphicarpa bracteata Andropogon gerardii Anemone canadensis Asclepias syriaca Aster ericoides Aster laevis Aster praealtus Bouteloua curtipendula Brickellia eupatorioides BROMUS INERMIS Carex emoryi Carex lanuginosa Carex meadii Carex trichocarpa Cirsium discolor Comandra umbellata Coreopsis palmata		H-Vine P-Grass P-Forb P-Forb P-Forb P-Grass P-Grass P-Sedge		HOG PEANUT BIG BLUESTEM MEADOW ANEMC COMMON MILKW HEATH ASTER SMOOTH BLUE A WILLOW ASTER SIDE-OATS GRAI FALSE BONESET HUNGARIAN BRO RIVERBANK SED WOOLY SEDGE MEAD'S STIFF SE HAIRY-FRUITED PASTURE THISTI BASTARD TOAD- PRAIRIE COREO	MA DME GE EDGE LAKE S LE FLAX PSIS	
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4 5 4 0 0 4 8 8 4 4 7 6 6 6 6 3 3 6 6 8	Amphicarpa bracteata Andropogon gerardii Anemone canadensis Asclepias syriaca Aster ericoides Aster laevis Aster praealtus Bouteloua curtipendula Brickellia eupatorioides BROMUS INERMIS Carex emoryi Carex lanuginosa Carex meadii Carex trichocarpa Cirsium discolor Comandra umbellata Coreopsis palmata Dalea purpurea		H-Vine P-Grass P-Forb P-Forb P-Forb P-Grass P-Grass P-Grass P-Sedge P-Sedge P-Sedge P-Sedge P-Sedge P-Sedge P-Sedge P-Sedge P-Forb P-Forb		HOG PEANUT BIG BLUESTEM MEADOW ANEMC COMMON MILKW HEATH ASTER SMOOTH BLUE A WILLOW ASTER SIDE-OATS GRAI FALSE BONESET HUNGARIAN BRO RIVERBANK SED WOOLY SEDGE MEAD'S STIFF SE HAIRY-FRUITED PASTURE THISTI BASTARD TOAD- PRAIRIE COREO PURPLE PRAIRIE	MA DME DME EDGE LAKE S LE FLAX PSIS E CLOV REFOIL D TICK	ER IREFOIL

P-Grass

Fern

P-Forb

P-Forb

P-Forb

P-Forb

P-Forb

P-Forb

P-Forb

P-Forb

B-Forb

P-Forb

CANADA WILD RYE

SMOOTH SCOURING RUSH

GRASS-LEAVED GOLDENROD

RATTLESNAKE MASTER

FLOWERING SPURGE

WILD STRAWBERRY

PRAIRIE SUNFLOWER

FALSE SUNFLOWER

ROUGH BLAZING STAR

WILD LETTUCE

JERUSALEM ARTICHOKE

STIFF BEDSTRAW

4 Elymus canadensis

4 Equisetum laevigatum

7 Eryngium yuccifolium

3 Euthamia graminifolia

3 Euphorbia corollata

2 Fragaria virginiana

6 Galium tinctorium

6 Helianthus rigidus

3 Helianthus tuberosus

1 Lactuca canadensis

7 Liatris aspera

4 Heliopsis helianthoides

Table 3 continued

С	Scientific Name	Physiognomy	Common Name
8	Liatris cylindracea	P-Forb	CYLINDRICAL BLAZING STAR
6	Lithospermum canescens	P-Forb	HOARY PUCCOON
0	MELILOTUS ALBA	B-Forb	WHITE SWEET CLOVER
4	Monarda fistulosa	P-Forb	WILD BERGAMOT
3	Panicum oligosanthes v. scribnerianum	P-Grass	SCRIBNER'S PANIC GRASS
6	Panicum rigidulum	P-Grass	MUNRO GRASS
0	PASTINACA SATIVA	B-Forb	WILD PARSNIP
0	POA COMPRESSA	P-Grass	CANADIAN BLUE GRASS
0	POA PRATENSIS	P-Grass	KENTUCKY BLUE GRASS
4	Ratibida pinnata	P-Forb	YELLOW CONEFLOWER
4	Rosa carolina	Shrub	PASTURE ROSE
2	Rubus occidentalis	Shrub	BLACK RASPBERRY
3	Ruellia humilis	P-Forb	HAIRY RUELLIA
5	Schizachyrium scoparium	P-Grass	LITTLE BLUESTEM
5	Silphium integrifolium	P-Forb	ROSIN WEED
5	Silphium laciniatum	P-Forb	COMPASS PLANT
4	Silphium terebinthinaceum	P-Forb	PRAIRIE DOCK
4	Smilax lasioneuron	H-Vine	COMMON CARRION FLOWER
1	Solidago canadensis	P-Forb	CANADA GOLDENROD
4	Solidago rigida	P-Forb	RIGID GOLDENROD
4	Spartina pectinata	P-Grass	PRAIRIE CORD GRASS
6	Stipa spartea	P-Grass	PORCUPINE GRASS
3	Tradescantia ohiensis	P-Forb	COMMON SPIDERWORT
0	TRAGOPOGON PRATENSIS	B-Forb	COMMON GOAT'S BEARD
3	Viola sororia	P-Forb	WOOLY BLUE VIOLET
2	Vitis riparia	W-Vine	RIVERBANK GRAPE