IOWA DOT

This is to certify that

**PHILLIP E  KETCHUM**

has successfully met the testing requirements and is recognized as a

**Certified  Technician  CI470**

| | |
|---|---|
| agg1: | 12/31/16 |
| agg2: | |
| hmasam: | |
| hma1: | |
| hma2: | |
| pcc1: | 12/31/16 |
| pcc2: | |
| pcc3: | |
| prof: | |
| soils: | |
| pstress: | |
| erosion: | |