**Cathodic System Evaluation**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Date: |       | Zone# | Section A | Section B |
| Name: |       | Rectifier Settings | Ref. Cell | Depolarization Readings |
| Bridge No. |       | InputVoltage | InputCurrent | InputCurrentDensity | OnPotential(millivolt) | InstantOff Potential | 4 Hr. Off Potential (millivolt) | Shift inPotential(millivolts) | Revised Current(amps) |
| Direction: |       |
| Route: |       | 1 |       |       |       |       |       |       |       |       |
| District: |       | 2 |       |       |       |       |       |       |       |       |
| County: |       | 3 |       |       |       |       |       |       |       |       |
| Location: |       | 4 |       |       |       |       |       |       |       |       |
| Date Let: |       | 5 |       |       |       |       |       |       |       |       |
| Rectifier Serial No.: |       | 6 |       |       |       |       |       |       |       |       |
| Rectifier Brand: |       | 7 |       |       |       |       |       |       |       |       |
| Air Temp.: |       | 8 |       |       |       |       |       |       |       |       |
| Deck Condition: |       | 9 |       |       |       |       |       |       |       |       |
| Type Anode: |       | 10 |       |       |       |       |       |       |       |       |
|  |  |
| **Cathodic System** | YES | NO | Zone | Comments: |       |
| Broken Lead: | ☐ | ☐ |       |
| Exposed Lead: | ☐ | ☐ |       |
| Corroded Lead: | ☐ | ☐ |       |
| Meters Not Functioning: | ☐ | ☐ |       |
| Fuses Blown: | ☐ | ☐ |       |
| Corroded Circuit Board: | ☐ | ☐ |       |
| Lightening Arrestors Blown: | ☐ | ☐ |       |
| Power Off: | ☐ | ☐ |       |
| Lost ID Tags: | ☐ | ☐ |       |
| All zones on constant current: | ☐ | ☐ |       | If not, list zones on constant voltage |       |
| **Meter Type** | YES | NO | Comments: |       |
| External Meter: | ☐ | ☐ |
| Built In Meter: | ☐ | ☐ |
| Zone# | Section C |
| Original Settings | Fixed Design Parameters |
| Original On Potential | Original Input Current | Zone Size(Sq. Ft.) | Input CurrentDensity(milliAmps/sf) | Current Parameters | Potential Parameters |
| Lower | Upper | Lower | Upper |
| 1 |       |       |       |       |       |       |       |       |
| 2 |       |       |       |       |       |       |       |       |
| 3 |       |       |       |       |       |       |       |       |
| 4 |       |       |       |       |       |       |       |       |
| 5 |       |       |       |       |       |       |       |       |
| 6 |       |       |       |       |       |       |       |       |
| 7 |       |       |       |       |       |       |       |       |
| 8 |       |       |       |       |       |       |       |       |
| 9 |       |       |       |       |       |       |       |       |
| 10 |       |       |       |       |       |       |       |       |