Corrosion Survey - Data Collection Sheet

| Bridge File: | Date Inspected: | Culvert Size & Type: |
|----------------------|-----------------|----------------------|
| Legal Land Location: | Inspected By: | Culvert Length: |
| Highway: | | Year Constructed: |
| Nearest Town: | | Stream Name: |

| Water Soil | | Potential Readings Between Soil and Culvert(s) | | | | | | | | % of Su | face Area | |
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| Resistivity | pH, Upstream | pH, Downstream | Upstream (-mV) | | | | Downstream (-mV) | | | | Corrosion % | Perforations % |
| | | | | static | on | off | | static | on | off | | |
| Upstream: | Sideslope: | Sideslope: | 3 o'clock | | | | 3 o'clock | | | | | |
| Downstream: | Bed: | Bed: | 6 o'clock | | | | 6 o'clock | | | | | |
| | Banks: | Banks: | 9 o'clock | | | | 9 o'clock | | | | | |
| | | 12 o'clock | | | | 12 o'clock | | | | | | |
| 1.5m Depth: | ohm-cm | Groundbed pins located: | | | | | | | | | | |
| 3.0m Depth: | ohm-cm | | | | | | | | | | | |
| <u>Soil</u> | | | | | | | | | | | | |
| Sulphides, Sulphates, and | | Sulphates: ppm | | | | | Chlorides: | | ppm | | | |
| | nnm | Sulphatos | nnm | | | | Chloridos | | nnm | | | |
| Sulprilides. | ррпп | Sulpriales. | ррпі | | | | Chionaes. | | ррпп | | | |
| Distance and Direction: | | Number of Wires: | | | | | Pole Type: | | | | | |
| | | | | | | | | | | | | |
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| | Resistivity Upstream: Downstream: 1.5m Depth: 3.0m Depth: Soil Sulphides: Water Sulphides: Distance and Direction: | Resistivity pH, Upstream Upstream: Sideslope: Bed: Banks: 1.5m Depth: ohm-cm 3.0m Depth: ohm-cm Soil Sulphides: ppm Water Sulphides: ppm Distance and Direction: | Resistivity pH, Upstream pH, Downstream Upstream: Sideslope: Sideslope: Bed: Bed: Banks: 1.5m Depth: ohm-cm Groundbed pins locate 3.0m Depth: ohm-cm Soil Sulphides: ppm Sulphates: Water Sulphides: ppm Sulphates: Distance and Direction: Number of Wires: | Resistivity pH, Upstream pH, Downstream Upstream: Sideslope: Sideslope: Bed: Bed: Banks: Banks: 9 o'clock 1.5m Depth: ohm-cm Groundbed pins located: 3.0m Depth: ohm-cm Soil Sulphides: ppm Sulphates: ppm Water Sulphides: ppm Sulphates: ppm Distance and Direction: Number of Wires: | Resistivity pH, Upstream pH, Downstream Upstream: Upstream: Sideslope: Sideslope: 3 o'clock Bed: 6 o'clock Banks: 9 o'clock 12 o'clock Upstream: 6 ohm-cm Groundbed pins located: 3.0m Depth: ohm-cm Sulphates: ppm Sulphates: ppm Sulphates: ppm Distance and Direction: Number of Wires: | Resistivity pH, Upstream pH, Downstream Upstream (-mV) Upstream: Downstream: Downstream: Bed: Bad: Banks: Banks: Banks: 1.5m Depth: 3.0m Depth: 3.0m Depth: 3.0m Depth: Sideslope: Bed: Banks: Ban | Resistivity pH, Upstream pH, Downstream Upstream (-mV) Upstream: Sideslope: Sideslope: 3 o'clock | Resistivity pH, Upstream pH, Downstream Upstream (-mV) Upstream: Sideslope: Sideslope: 3 o'clock | Resistivity pH, Upstream pH, Downstream Upstream (-mV) Combined (- | Resistivity pH, Upstream pH, Downstream Upstream (-mV) Upstream: Sideslope: Sideslope: 3 o'clock | Resistivity pH, Upstream pH, Downstream Upstream (-mV) Downstream (-mV) Upstream: Sideslope: Sideslope: 3 o'clock | Resistivity pH, Upstream pH, Downstream Upstream (-mV) Corrosion (-mV) % Upstream: Downstream: Sideslope: Bed: Bed: Banks: Bank |