**HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS**
**CORROSION CONTROL TEST STATION**
**FIELD DATA SURVEY FORM**

| | | | |
|---|---|---|---|
| **Location:** | Rt. 144, Next to Gas Line | **Date Surveyed:** | 07/06//2007 |
| | | **Surveyed by:** | AS/MJ |
| **T/S #:** | 2 | **Contract #:** | 44-3218 |
| **T/S Type:** | IJ | **Pipe Size:** | 12" |
| **Was the T/S located? YES / NO** | No | | |

## TEST STATION CONDITION

| | |
|---|---|
| **Test Box:** | |
| **Terminal Board:** | |
| **Wires:** | |
| **Other:** | |

## SURVEY DATA

| | | | | | Anode (mA) |
|---|---|---|---|---|---|
| 1. | | | | | |
| 2. | | | | | |
| 3. | | | | | |
| 4. | | | | | |
| 5. | | | | | |
| 6. | | | | | |
| 7. | | | | | |
| 8. | | | | | |

| | |
|---|---|
| $P/Cu\text{-}CuSO_4$ | = Pipe to Copper-Copper Sulfate Reference Electrode |
| P/Zn | = Pipe to Zinc Reference Electrode |
| "On" | = Reading with Anode(s) connected |
| "Off" | = Reading with Anode(s) disconnected |
| Anode | = Current output Anode(s) |

## TESTING THE EFFECTIVENESS OF INSULATING JOINTS

| | | | |
|---|---|---|---|
| **Groundbed:** | | | |
| **Connected to (B/W):** | | | |
| | **Current (A)** | **Voltage (V)** | **Resistance (ohms)** |
| **ON:** | | | |
| **OFF:** | | | |
| **DELTA:** | | | |

## TESTING IR DROP

| IR Drop Calibrations | I (A) | E (mV) | | | Between Terminals | Resistance (ohms) |
|---|---|---|---|---|---|---|
| **INITIAL:** | | | $K =$ | $\Delta I$ (mA) | | |
| **FINAL:** | | | | $\Delta E$ (mV) | | |
| **DELTA:** | | | **Direction:** | | | |

## REPAIRS MADE

| | |
|---|---|
| **Test Box:** | |
| **Terminal Board:** | |
| **Wires:** | |
| **Other:** | |
| **Comments/Recommendations:** | |

**Figure 217 – General area of Test Station 3479-2 – Not Found**