

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

Location: (8+25) Date Surveyed: 8/6/02
Near Pumping Station Surveyed by: FG/MJ
 T/S #: 8WM #2 Contract #: L6154
 T/S Type: ST Pipe Size: 8"

Was Test Station located? YES/NO YES
 If NO, then how much time was spent locating? _____

TEST STATION CONDITION

Test Box : Good
 Terminal Board : Not found
 Wires : Good
 Other : _____

SURVEY DATA

Test Wire Size/Description	Color	P/Cu-CuSO ₄ (V)		P/Zn (V)		Anode (mA)
		"On"	"Off"	"On"	"Off"	
1) #10 AWG	Blue		-0.580			
2) #10 AWG	Blue		-0.586			
3)						
4)						
5)						
6)						
7)						

P/Cu-CuSO₄ = Pipe to Copper - Copper Sulfate Reference Cell
 P/Zn = Pipe to Zinc Permanent Reference Cell
 "On" = Reading with Anode(s) connected
 "Off" = Reading with Anode(s) disconnected
 I Anode = Current output of anodes

IR Drop Calibrations	I (Amps)	E (mV)
Initial		
Final		
Delta		

K = $\frac{? I (mA)}{? E (mV)}$
 Direction; _____

Between Terminals	Resistance (Ohms)

REPAIRS MADE

Test Box: _____
 Terminal Board: _____
 Wires: _____
 Other: _____
 Additional Comments/Recommendations: _____



Figure 40 - Test station 8WM1



Figure 41 - Test station 8WM2, close-up