

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

Location: 44+63 Date Surveyed: 6/4/02
 T/S #: 9 Surveyed by: DD/MJ
 T/S Type: ST/Anode Contract #: L5267
 Pipe Size: 36"

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

TEST STATION CONDITION

Test Box : CP Flush Mounted - Good
 Terminal Board : NM Series (7 terminal) - muddy
 Wires : Terminals oxidized
 Other : Full of water

SURVEY DATA

Test Wire Size/Description	Color	P/Cu-CuSO ₄ (V)		P/Zn (V)		Anode (mA)
		"On"	"Off"	"On"	"Off"	
1) #10 AWG	Red	-1.595	-1.629	0.467	0.548	31
2) #10 AWG	Black	-1.530	-1.513	0.461	0.446	
3) #10 AWG	Black	-1.531	-1.476	0.458	0.575	
4) #10 AWG	Green	-1.087	-1.091			
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 24 - Test Station #9, 3rd tree before Falling Leaves Court



Figure 25 - Test Station #9, close-up