

**RESULTS:**  
**ROCKBURN**  
**1. Test stations**

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

**Location:** (0+90) **Date Surveyed:** 8/13/02  
Near Pumping Station **Surveyed by:** FG/MJ  
**T/S #:** 12FM #1 **Contract #:** L6154  
**T/S Type:** ST **Pipe Size:** 12"

**Was Test Station located? YES/NO** Yes  
**If NO, then how much time was spent locating?** \_\_\_\_\_

**TEST STATION CONDITION**

**Test Box :** Good  
**Terminal Board :** Good  
**Wires :** Good  
**Other :** \_\_\_\_\_

**SURVEY DATA**

Test Wire Size/Description	Color	P/Cu-CuSO <sub>4</sub> (V)		P/Zn (V)		Anode (mA)
		"On"	"Off"	"On"	"Off"	
1) #10 AWG	Blue		-0.619			
2) #10 AWG	Blue		-0.619			
3)						
4)						
5)						
6)						
7)						

P/Cu-CuSO<sub>4</sub> = 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 13 - Test station 12FM1 near Pumping Station**



**Figure 14 - Test station 12FM1, close-up**