

Table 1 - MD Route 108 Test Station 1

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS CORROSION CONTROL TEST STATION FIELD DATA SURVEY FORM						
Location: <u>(98+50)</u>		Date Surveyed: <u>3/13/2006</u>				
		Surveyed by: <u>MJ/AC</u>				
T/S #: <u>1</u>		Contract #: <u>44-3218</u>				
T/S Type: <u>ST/A</u>		Pipe Size: <u>16"</u>				
Was Test Station located? YES/NO <u>YES</u>						
TEST STATION CONDITION						
Test Box :		<u>Above ground PVC - good</u>				
Terminal Board :		<u>5 terminal - good</u>				
Wires :		<u>good</u>				
Other :						
SURVEY DATA						
Test Wire Size/Description	Color	P/Cu-CuSO ₄ (V)		P/Zn (V)		Anode (mA)
		"On"	"Off"	"On"	"Off"	
A) #12 Pipe	Black	-0.593	-0.425			16.5
B) #8 Anode	Black	-0.599	-1.659			
C) #10 Pipe	Black	-0.598	-0.422			
D) #12 Pipe	Black	-0.598	-0.420			
E) #10 Pipe	Black	-0.599	-0.419			
F)						
G)						
<p>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</p>						
REPAIRS MADE						
Test Box: _____						
Terminal Board: _____						
Wires: _____						
Other: _____						
Additional Comments/Recommendations: _____						



Figure 3 – Test Station 1



Figure 4 – Test Station 1 close-up