

Test Station 6

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS CORROSION CONTROL TEST STATION FIELD DATA SURVEY FORM						
Location: <u>(31+90)</u>		Date Surveyed: <u>10/10/2005</u>				
T/S #: <u>6</u>		Surveyed by: <u>MJ/CS</u>				
T/S Type: <u>ST/Anode</u>		Contract #: <u>44-4227</u>				
		Pipe Size: <u>48"</u>				
Was Test Station located? YES/NO <u>YES</u>						
TEST STATION CONDITION						
Test Box :		<u>Above ground - metal</u>				
Terminal Board :		<u>7 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) #2 E. Anodes	Black	-1.334	-1.068	-0.165	0.083	50
B) #2 W. Anodes	Black	-1.336	-1.539	-0.168	-0.388	55
C) #2 Pipe	White	-1.116	-0.966	0.051	0.186	
D) #8 Pipe	Black	-1.117	-0.966	0.051	0.187	
E) #8 Pipe	White	-1.116	-0.965	0.051	0.188	
F) #8 Reference	Yellow	-1.167	-1.157			
G) #2 E. Anodes	Black	-1.339	-1.936	-0.174	-0.778	49
H) #2 W. Anodes	Black	-1.331	-1.073	-0.166	0.079	37
I)						
P/Cu-CuSO ₄ = 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						
REPAIRS MADE						
Test Box: _____						
Terminal Board: _____						
Wires: _____						
Other: _____						
Additional Comments/Recommendations: _____						



Figure 11 – Test Station 6