Test Station 4

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

Location:	(19+15)	**Date Surveyed:**	10/10/2005
		Surveyed by:	MJ/CS
T/S #:	4	**Contract #:**	44-4227
T/S Type:	ST/Anode	**Pipe Size:**	48"

Was Test Station located? YES/NO YES

TEST STATION CONDITION

Test Box :	Above ground - metal
Terminal Board :	7 terminal - Good
Wires :	Good
Other :	

SURVEY DATA

Test Wire Size/Description	Color	P/Cu-$CuSO_4$(V) "On"	P/Cu-$CuSO_4$(V) "Off"	P/Zn (V) "On"	P/Zn (V) "Off"	Anode (mA)
A) #2 E. Anodes	Black	-1.435	-1.573	-0.426	-0.576	50
B) #2 W. Anodes	Black	-1.434	-1.580	-0.427	-0.585	41
C)						
D) #8 Pipe	Black	-0.979	-0.851	0.029	0.137	
E) #8 Pipe	White	-0.979	-0.849	0.029	0.136	
F) #8 Reference	Black	-1.007	-0.993			
G) #2 E. Anodes	Black	-1.431	-1.098	-0.424	-0.112	45
H) #2 W. Anodes	Black	-1.433	-1.473	-0.427	-0.485	44
I) #2 Pipe	Black	-1.433	-0.707	-0.427	0.262	

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 9 – Test Station 4