PipeWall Anomaly Listing

Client: Enbridge Energy Limited Partnership
Project: NPS 20 GEOPIG Geometry Inspection
Run Date: July 30, 2013
Location: Line 5 Straights of Mackinac - West Loop
Projection: UTM
Datum: WGS 84
Zone: 16
C.M.: -87

BAKER HUGHES

Feature Identifier	Absolute Chainage (ft)	Enbridge Chainage (ft)	Nearest U/S GWD	Dist to U/S GWD (ft)	Dist to D/S GWD (ft)	Clock Position h:mm	Depth (in)	Depth (%)	Length (in)	Width (in)	MinID (in)	Ovality (%)	MSP Position (ft)	Half Peak Height Position: US Shoulder (in)	Half Peak Height Position: DS Shoulder (in)	Half Peak Height Position: Circ Start Shoulder (in)	Half Peak Height Position: Circ End Shoulder (in)	Multi Apex (Y/N)	Dent Oriented off Axis (Y/N)	Assoc. Girth Weld (Y/N)	Dent in Close Proximity (Y/N)	Northing (m)	Easting (m)	Height (m)	Comments
OVL 1	15,478.71	15,259.83	6080	14.14	6.92	1:00	1.750	8.75	40.52	10.44	-	-	-	-	-	-	-	-	-	-	-	5,074,486.56	673,176.81	116.22	
OVL 2	16,529.34	16,309.89	6100	17.43	2.81	12:45	1.000	5.45	40.33	9.99	-	-	-	-	-	-	-	-	-	-	-	5,074,471.87	673,172.64	117.02	

Inspection sheets provided for highlighted anomalies