PipeWall Anomaly Listing

Client: Enbridge Energy Limited Partnership | Run Date: July 31, 2013 | Projection: UTM | Zone: 16

Project: NPS 20 GEOPIG Geometry Inspection | Location: Line 5 Straights of Mackinac-East Loop | Datum: WGS 84 | C.M.: -87

BAKER HUGHES

Feature Identifier	Absolute Distance (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
DNT 1	16,300.17	16,339.0	6520	6.20	19.55	11:15	.298	1.49	15.76	6.74	18.03	0.00	6.28	5.42	6.48	5.03	1.26	N	N	N	N	5,074,153.33	673,481.59	117.46	On top of pipe, Multiple Dents
DNT 2	19,797.85	19,840.3	7920	19.31	8.88	1:15	.299	1.50	17.90	7.91	18.18	0.00	19.57	10.88	4.88	2.51	3.77	N	N	N	N	5,073,117.36	673,232.69	132.54	On top of pipe