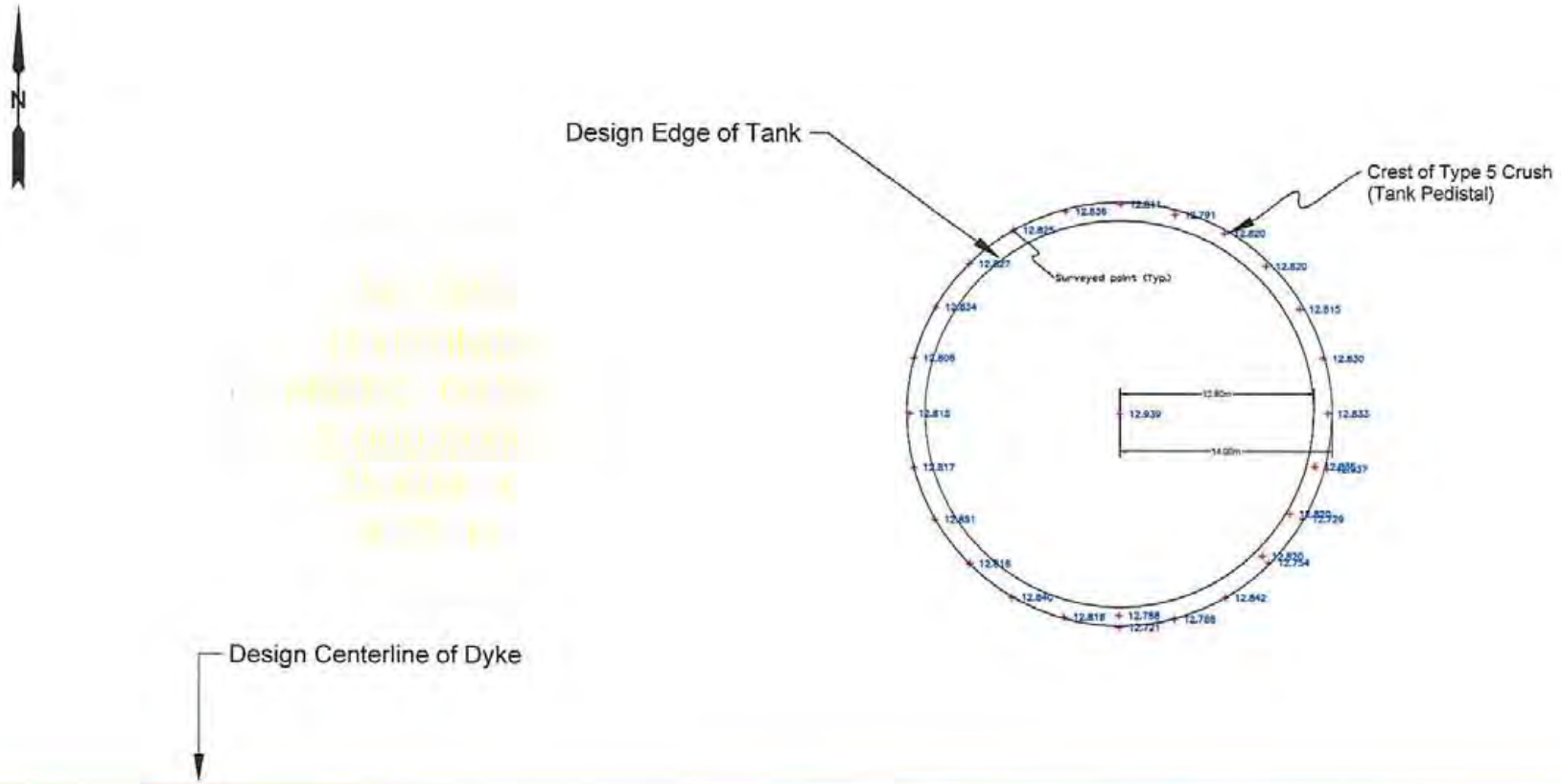


NOTES:

Job No: 2611.1 BIM Ref # 2.3.1.10
Placement of Type 5 Crush tank pedistal: Activity # 14

CLIENT: Baffinland Iron Mines Corporation

PROJECT: Mary River Project, Baffin Island, Nunavut

PREPARED BY: Nuna East Ltd.
9839 - 31 Avenue
Edmonton, AB
T6N 1C5

DRAWN BY: mc

SCALE: 1 : 300

DATE: Sept 30, 2013

DRAWING TITLE: **Milne Port -Tank Farm Modification Tank 2 Type 5 Crush**

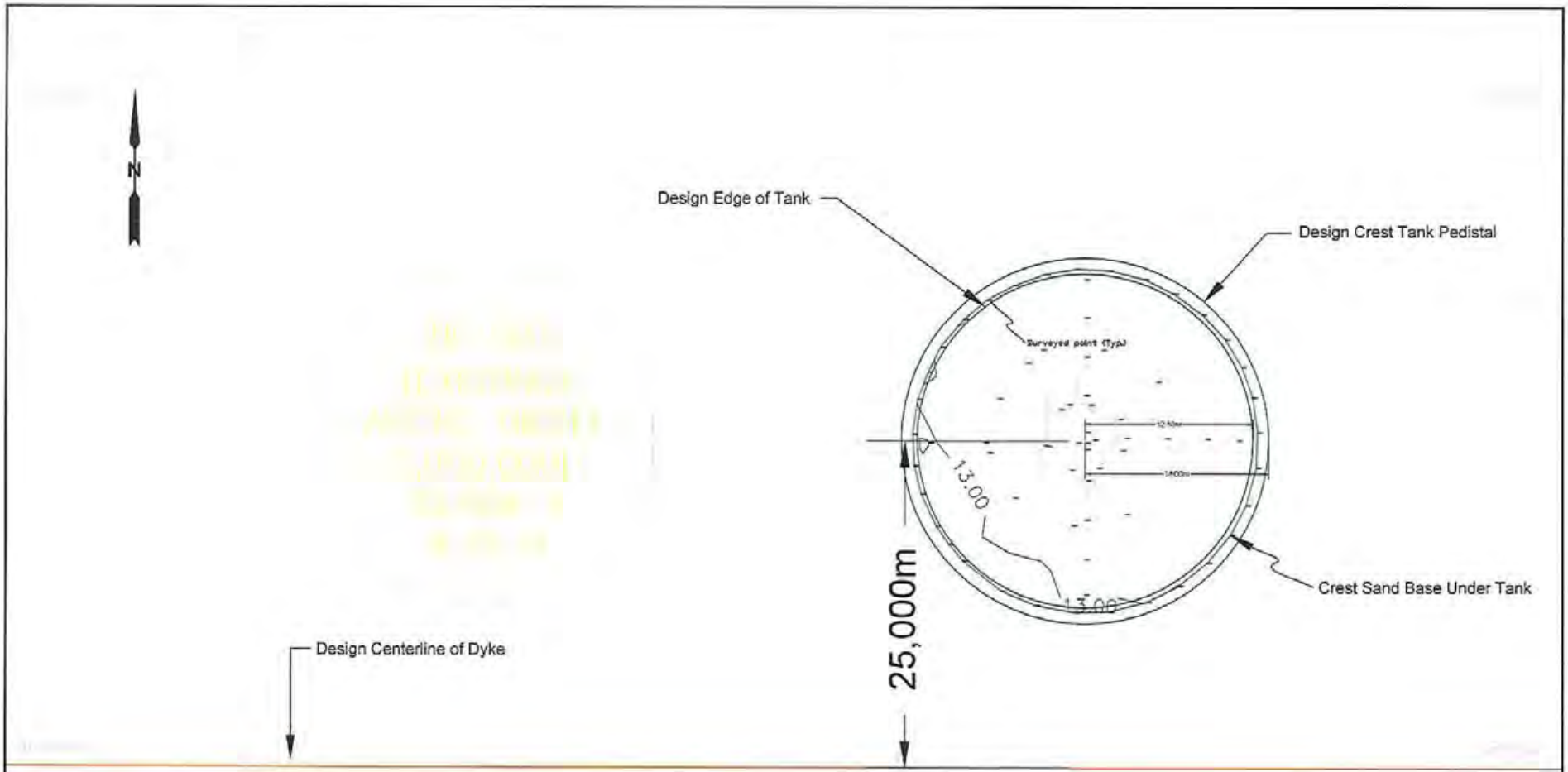
DRAWING NAME (YYMMDD): 2611-14 Asbuilt TM Type 5 Crush130615.dwg

Job # 2611.1

Activity # 16

Point #	Northing	Easting	Elevation	Description
7168104	7976116.3	503653.866	12.973	CREST
7168105	7976117.677	503652.901	12.973	CREST
7168106	7976120.14	503651.755	12.98	CREST
7168107	7976122.311	503651.225	12.975	CREST
7168108	7976124.719	503651.091	12.98	CREST
7168109	7976127.407	503651.492	13.003	CREST
7168110	7976129.51	503652.289	12.997	CREST
7168111	7976131.421	503653.239	13.003	CREST
7168112	7976133.544	503655.009	12.999	CREST
7168113	7976135.019	503656.81	13.005	CREST
7168114	7976136.131	503658.883	13.005	CREST
7168115	7976137.001	503661.302	13.007	CREST
7168116	7976137.371	503663.531	13.013	CREST
7168117	7976137.281	503666.028	13.019	CREST
7168118	7976136.602	503668.765	13.022	CREST
7168119	7976135.459	503671.024	13.018	CREST
7168120	7976133.928	503673.137	13.027	CREST
7168121	7976131.98	503674.937	13.029	CREST
7168122	7976129.905	503676.192	13.029	CREST
7168123	7976127.559	503677.015	13.027	CREST
7168124	7976124.872	503677.388	13.023	CREST
7168125	7976122.162	503677.31	13.02	CREST
7168126	7976119.305	503676.539	13.019	CREST
7168127	7976117.022	503675.369	13.018	CREST
7168128	7976114.88	503673.59	13.005	CREST
7168129	7976113.09	503671.407	12.999	CREST
7168130	7976111.852	503668.993	13.001	CREST
7168131	7976111.122	503666.068	12.992	CREST
7168132	7976111.052	503663.492	12.997	CREST
7168133	7976111.59	503660.526	12.989	CREST
7168134	7976112.702	503657.878	12.985	CREST
7168135	7976114.988	503654.956	12.987	CREST
7168199	7976124.1	503652.374	13.025	PT
7168200	7976124.103	503652.411	12.997	PT
7168201	7976124.107	503656.605	13.022	PT
7168202	7976123.889	503661.101	13.047	PT
7168203	7976124.076	503663.657	13.054	PT
7168204	7976123.561	503664.333	13.061	PT
7168205	7976121.181	503664.414	13.055	PT
7168206	7976118.174	503664.331	13.046	PT
7168207	7976115.121	503664.259	13.016	PT
7168208	7976112.431	503664.226	13.011	PT

7168209	7976124.235	503675.891	13.03	PT
7168210	7976124.373	503673.465	13.037	PT
7168211	7976124.41	503670.417	13.047	PT
7168212	7976124.456	503667.359	13.046	PT
7168213	7976124.308	503664.907	13.061	PT
7168214	7976124.872	503664.356	13.055	PT
7168215	7976127.724	503664.244	13.039	PT
7168216	7976130.68	503664.303	13.044	PT
7168217	7976133.666	503664.296	13.036	PT
7168218	7976136.56	503664.262	13.012	PT
7168219	7976131.18	503660.975	13.018	PT
7168220	7976131.191	503665.567	13.036	PT
7168221	7976128.75	503669.755	13.041	PT
7168222	7976125.519	503671.271	13.051	PT
7168223	7976121.741	503670.758	13.051	PT
7168224	7976118.615	503667.348	13.034	PT
7168225	7976117.732	503663.291	13.015	PT
7168226	7976119.829	503658.819	13.021	PT
7168227	7976123.32	503656.907	13.016	PT
7168228	7976127.455	503657.638	13.02	PT
7168229	7976130.219	503659.825	13.035	PT
7168230	7976126.642	503662.344	13.058	PT
7168231	7976123.815	503661.35	13.06	PT
7168232	7976121.993	503663.135	13.05	PT
7168233	7976122.163	503665.261	13.051	PT
7168234	7976123.509	503667.048	13.045	PT
7168235	7976125.879	503666.842	13.049	PT
7168236	7976126.975	503664.609	13.049	PT
7168237	7976126.989	503662.955	13.058	PT
STKDTF02	7976124.075	503664.338	13.066	as staked



NOTES:

Job No: 2611.1 BIM Ref # 2.3.1.10
Placement of second lift of crusher fines: Activity # 16
Contour Interval 50mm

CLIENT: Baffinland Iron Mines Corporation

PROJECT: Mary River Project, Baffin Island, Nunavut

PREPARED BY: Nuna East Ltd.
9839 - 31 Avenue
Edmonton, AB
T6N 1C5

DRAWN BY: mc

SCALE: 1 : 300

DATE: Sept 30, 2013

DRAWING TITLE: **Milne Port -Tank Farm Modification Tank 2 Sand Tank Base**

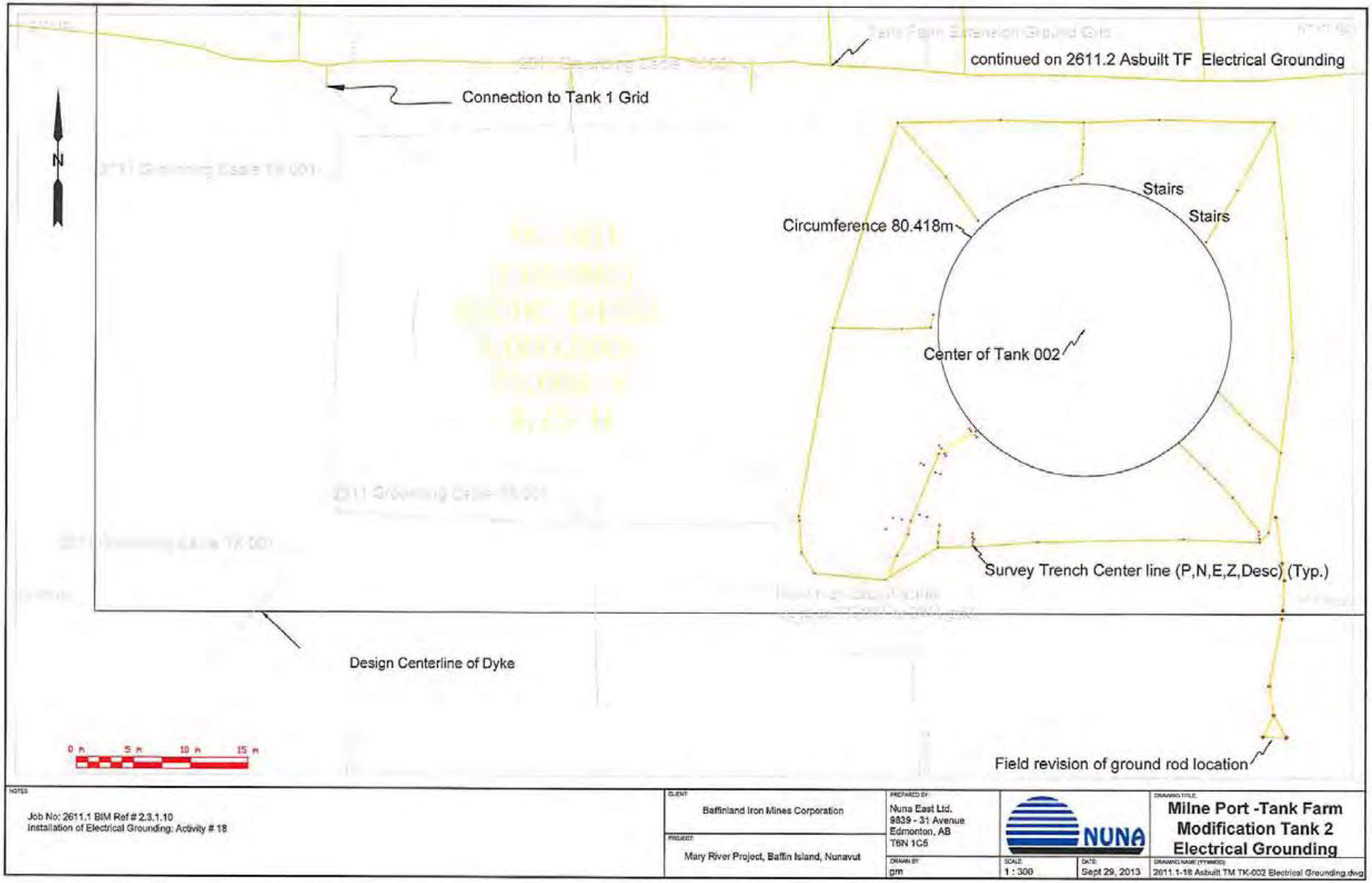
DRAWING NAME (YYMMDD): 2611-16 Asbuilt TM Sand Tank Base130617.dwg

Job # 2611.1

Activity # 18

Point #	Northing	Easting	Elevation	Description
4194007	7976115.443	503654.295	12.807	adcoele
4194008	7976115.266	503654.418	12.595	adcoele
4194009	7976114.883	503654.802	12.631	adcoele
4194010	7976114.705	503654.96	12.839	adcoele
4194011	7976113.031	503652.256	12.702	adcoele
4194012	7976113.227	503652.136	12.371	adcoele
4194013	7976113.683	503651.834	12.358	adcoele
4194014	7976113.97	503651.654	12.745	adcoele
4194015	7976112.389	503650.056	12.495	adcoele
4194016	7976112.243	503650.305	12.211	adcoele
4194017	7976111.62	503651.347	12.223	adcoele
4194018	7976111.473	503651.795	12.519	adcoele
4194019	7976107.713	503650.631	12.389	adcoele
4194020	7976107.891	503649.942	11.884	adcoele
4194021	7976107.472	503648.429	11.802	adcoele
4194022	7976107.613	503647.642	12.424	adcoele
4194023	7976106.608	503647.024	11.811	adcoele
4194024	7976107.321	503639.506	11.868	adcoele
4194025	7976107.74	503639.437	12.101	adcoele
4194026	7976104.509	503639.685	11.873	adcoele
4194027	7976102.711	503640.816	13.042	adcoele
4194028	7976102.16	503646.953	13.164	adcoele
4194029	7976104.304	503647.996	11.954	adcoele
4194030	7976105.016	503651.577	12.027	adcoele
4194031	7976105.401	503651.562	11.825	adcoele
4194032	7976106.325	503651.612	11.669	adcoele
4194033	7976106.992	503651.712	12.302	adcoele
4194034	7976106.263	503654.585	11.927	adcoele
4194035	7976105.915	503654.578	11.628	adcoele
4194036	7976105.504	503654.619	11.661	adcoele
4194037	7976105.09	503654.774	11.944	adcoele
4194038	7976105.51	503679.651	11.793	adcoele
4194039	7976105.828	503679.635	11.608	adcoele
4194040	7976106.123	503679.582	11.61	adcoele
4194041	7976106.42	503679.588	11.833	adcoele
4194042	7976115.228	503654.859	12.647	adcoele
4194043	7976113.23	503651.64	12.324	adcoele
4194044	7976107.334	503649.206	11.752	adcoele
4194045	7976106.123	503648.958	11.796	adcoele
4194046	7976105.759	503654.699	11.569	adcoele
4194047	7976105.512	503660.304	11.617	adcoele
4194048	7976105.746	503673.036	11.577	adcoele

4194049	7976106.36	503680.434	11.566	adcoele
4194050	7976109.441	503677.285	11.609	adcoele
4194051	7976111.074	503675.786	11.651	adcoele
4194052	7976112.051	503674.783	11.961	adcoele
4194053	7976114.215	503672.608	12.77	adcoele
4194054	7976113.389	503681.503	11.554	adcoele
4194055	7976115.844	503678.76	11.645	adcoele
4194056	7976118.689	503676.005	12.751	adcoele
4194057	7976121.713	503682.541	11.616	adcoele
4194058	7976132.187	503681.932	11.62	adcoele
4194059	7976142.331	503680.861	11.559	adcoele
4194060	7976136.324	503677.677	11.694	adcoele
4194061	7976131.799	503674.918	12.574	adcoele
4194062	7976142.522	503670.797	11.552	adcoele
4194063	7976142.3	503664.189	11.462	adcoele
4194064	7976140.413	503664.184	11.781	adcoele
4194065	7976137.743	503664.102	12.525	adcoele
4194066	7976137.215	503663.138	12.738	adcoele
4194067	7976142.473	503656.941	11.542	adcoele
4194068	7976142.235	503648.009	11.569	adcoele
4194069	7976137.459	503652.174	11.713	adcoele
4194070	7976133.61	503655.022	12.613	adcoele
4194071	7976132.901	503645.022	11.571	adcoele
4194072	7976124.201	503642.4	11.44	adcoele
4194073	7976124.129	503648.397	11.73	adcoele
4194074	7976124.269	503650.906	12.596	adcoele
4194075	7976125.374	503651.122	12.719	adcoele
4195503	7976088.465	503679.976	11.133	Groundrod
4195504	7976088.437	503682.033	11.087	Groundrod
4195505	7976090.372	503680.911	11.073	Groundrod
4195506	7976088.399	503682.01	11.092	Groundrod



NOTES:

Job No: 2611.1 BIM Ref # 2.3.1.10
Installation of Electrical Grounding: Activity # 18

CLIENT: Baffinland Iron Mines Corporation

PROJECT: Mary River Project, Baffin Island, Nunavut

PREPARED BY:
Nuna East Ltd.
9839 - 31 Avenue
Edmonton, AB
T6N 1C5

DRAWN BY: gm

SCALE: 1 : 300

DATE: Sept 29, 2013

DRAWING TITLE:
Milne Port -Tank Farm Modification Tank 2 Electrical Grounding

DRAWING NAME (YYMMDD): 2611.1-18 Asbuilt TM TK-002 Electrical Grounding.dwg

MILNE INLET DIESEL TANK TK-002 (2013 BUILT) - MARIE RIVER PROJECT, NUNAVUT

DIP CHART

CM	LITRES	CM	LITRES	CM	LITRES	CM	LITRES	CM	LITRES
0.0	21,170	40.0	225,908	80.0	430,646	120.0	635,385	160.0	840,123
0.5	23,729	40.5	228,467	80.5	433,206	120.5	637,944	160.5	842,682
1.0	26,288	41.0	231,027	81.0	435,765	121.0	640,503	161.0	845,241
1.5	28,848	41.5	233,586	81.5	438,324	121.5	643,062	161.5	847,800
2.0	31,407	42.0	236,145	82.0	440,883	122.0	645,621	162.0	850,360
2.5	33,966	42.5	238,704	82.5	443,442	122.5	648,181	162.5	852,919
3.0	36,525	43.0	241,264	83.0	446,002	123.0	650,740	163.0	855,478
3.5	39,085	43.5	243,823	83.5	448,561	123.5	653,299	163.5	858,037
4.0	41,644	44.0	246,382	84.0	451,120	124.0	655,858	164.0	860,597
4.5	44,203	44.5	248,941	84.5	453,679	124.5	658,418	164.5	863,156
5.0	46,762	45.0	251,500	85.0	456,239	125.0	660,977	165.0	865,715
5.5	49,321	45.5	254,060	85.5	458,798	125.5	663,536	165.5	868,274
6.0	51,881	46.0	256,619	86.0	461,357	126.0	666,095	166.0	870,833
6.5	54,440	46.5	259,178	86.5	463,916	126.5	668,654	166.5	873,393
7.0	56,999	47.0	261,737	87.0	466,476	127.0	671,214	167.0	875,952
7.5	59,558	47.5	264,297	87.5	469,035	127.5	673,773	167.5	878,511
8.0	62,118	48.0	266,856	88.0	471,594	128.0	676,332	168.0	881,070
8.5	64,677	48.5	269,415	88.5	474,153	128.5	678,891	168.5	883,630
9.0	67,236	49.0	271,974	89.0	476,712	129.0	681,451	169.0	886,189
9.5	69,795	49.5	274,533	89.5	479,272	129.5	684,010	169.5	888,748
10.0	72,355	50.0	277,093	90.0	481,831	130.0	686,569	170.0	891,307
10.5	74,914	50.5	279,652	90.5	484,390	130.5	689,128	170.5	893,866
11.0	77,473	51.0	282,211	91.0	486,949	131.0	691,688	171.0	896,426
11.5	80,032	51.5	284,770	91.5	489,509	131.5	694,247	171.5	898,985
12.0	82,591	52.0	287,330	92.0	492,068	132.0	696,806	172.0	901,544
12.5	85,151	52.5	289,889	92.5	494,627	132.5	699,365	172.5	904,103
13.0	87,710	53.0	292,448	93.0	497,186	133.0	701,924	173.0	906,663
13.5	90,269	53.5	295,007	93.5	499,745	133.5	704,484	173.5	909,222
14.0	92,828	54.0	297,567	94.0	502,305	134.0	707,043	174.0	911,781
14.5	95,388	54.5	300,126	94.5	504,864	134.5	709,602	174.5	914,340
15.0	97,947	55.0	302,685	95.0	507,423	135.0	712,161	175.0	916,900
15.5	100,506	55.5	305,244	95.5	509,982	135.5	714,721	175.5	919,459
16.0	103,065	56.0	307,803	96.0	512,542	136.0	717,280	176.0	922,018
16.5	105,624	56.5	310,363	96.5	515,101	136.5	719,839	176.5	924,577
17.0	108,184	57.0	312,922	97.0	517,660	137.0	722,398	177.0	927,136
17.5	110,743	57.5	315,481	97.5	520,219	137.5	724,957	177.5	929,696
18.0	113,302	58.0	318,040	98.0	522,779	138.0	727,517	178.0	932,255
18.5	115,861	58.5	320,600	98.5	525,338	138.5	730,076	178.5	934,814
19.0	118,421	59.0	323,159	99.0	527,897	139.0	732,635	179.0	937,373
19.5	120,980	59.5	325,718	99.5	530,456	139.5	735,194	179.5	939,933
20.0	123,539	60.0	328,277	100.0	533,015	140.0	737,754	180.0	942,492
20.5	126,098	60.5	330,836	100.5	535,575	140.5	740,313	180.5	945,051
21.0	128,658	61.0	333,396	101.0	538,134	141.0	742,872	181.0	947,610
21.5	131,217	61.5	335,955	101.5	540,693	141.5	745,431	181.5	950,169
22.0	133,776	62.0	338,514	102.0	543,252	142.0	747,991	182.0	952,729
22.5	136,335	62.5	341,073	102.5	545,812	142.5	750,550	182.5	955,288
23.0	138,894	63.0	343,633	103.0	548,371	143.0	753,109	183.0	957,847
23.5	141,454	63.5	346,192	103.5	550,930	143.5	755,668	183.5	960,406
24.0	144,013	64.0	348,751	104.0	553,489	144.0	758,227	184.0	962,966
24.5	146,572	64.5	351,310	104.5	556,048	144.5	760,787	184.5	965,525
25.0	149,131	65.0	353,870	105.0	558,608	145.0	763,346	185.0	968,084
25.5	151,691	65.5	356,429	105.5	561,167	145.5	765,905	185.5	970,643
26.0	154,250	66.0	358,988	106.0	563,726	146.0	768,464	186.0	973,203
26.5	156,809	66.5	361,547	106.5	566,285	146.5	771,024	186.5	975,762
27.0	159,368	67.0	364,106	107.0	568,845	147.0	773,583	187.0	978,321
27.5	161,927	67.5	366,666	107.5	571,404	147.5	776,142	187.5	980,880
28.0	164,487	68.0	369,225	108.0	573,963	148.0	778,701	188.0	983,439
28.5	167,046	68.5	371,784	108.5	576,522	148.5	781,260	188.5	985,999
29.0	169,605	69.0	374,343	109.0	579,082	149.0	783,820	189.0	988,558
29.5	172,164	69.5	376,903	109.5	581,641	149.5	786,379	189.5	991,117
30.0	174,724	70.0	379,462	110.0	584,200	150.0	788,938	190.0	993,676
30.5	177,283	70.5	382,021	110.5	586,759	150.5	791,497	190.5	996,236
31.0	179,842	71.0	384,580	111.0	589,318	151.0	794,057	191.0	998,795
31.5	182,401	71.5	387,139	111.5	591,878	151.5	796,616	191.5	1,001,354
32.0	184,961	72.0	389,699	112.0	594,437	152.0	799,175	192.0	1,003,913
32.5	187,520	72.5	392,258	112.5	596,996	152.5	801,734	192.5	1,006,472
33.0	190,079	73.0	394,817	113.0	599,555	153.0	804,294	193.0	1,009,032
33.5	192,638	73.5	397,376	113.5	602,115	153.5	806,853	193.5	1,011,591
34.0	195,197	74.0	399,936	114.0	604,674	154.0	809,412	194.0	1,014,150
34.5	197,757	74.5	402,495	114.5	607,233	154.5	811,971	194.5	1,016,709
35.0	200,316	75.0	405,054	115.0	609,792	155.0	814,530	195.0	1,019,269
35.5	202,875	75.5	407,613	115.5	612,351	155.5	817,090	195.5	1,021,828
36.0	205,434	76.0	410,173	116.0	614,911	156.0	819,649	196.0	1,024,387
36.5	207,994	76.5	412,732	116.5	617,470	156.5	822,208	196.5	1,026,946
37.0	210,553	77.0	415,291	117.0	620,029	157.0	824,767	197.0	1,029,506
37.5	213,112	77.5	417,850	117.5	622,588	157.5	827,327	197.5	1,032,065
38.0	215,671	78.0	420,409	118.0	625,148	158.0	829,886	198.0	1,034,624
38.5	218,230	78.5	422,969	118.5	627,707	158.5	832,445	198.5	1,037,183
39.0	220,790	79.0	425,528	119.0	630,266	159.0	835,004	199.0	1,039,742
39.5	223,349	79.5	428,087	119.5	632,825	159.5	837,563	199.5	1,042,302

MILNE INLET DIESEL TANK TK-002 (2013 BUILT) - MARIE RIVER PROJECT, NUNAVUT

DIP CHART

CM	LITRES	CM	LITRES	CM	LITRES	CM	LITRES	CM	LITRES
200.0	1,044,861	240.0	1,249,599	280.0	1,454,337	320.0	1,659,075	360.0	1,863,814
200.5	1,047,420	240.5	1,252,158	280.5	1,456,896	320.5	1,661,635	360.5	1,866,373
201.0	1,049,979	241.0	1,254,718	281.0	1,459,456	321.0	1,664,194	361.0	1,868,932
201.5	1,052,539	241.5	1,257,277	281.5	1,462,015	321.5	1,666,753	361.5	1,871,491
202.0	1,055,098	242.0	1,259,836	282.0	1,464,574	322.0	1,669,312	362.0	1,874,051
202.5	1,057,657	242.5	1,262,395	282.5	1,467,133	322.5	1,671,872	362.5	1,876,610
203.0	1,060,216	243.0	1,264,954	283.0	1,469,693	323.0	1,674,431	363.0	1,879,169
203.5	1,062,775	243.5	1,267,514	283.5	1,472,252	323.5	1,676,990	363.5	1,881,728
204.0	1,065,335	244.0	1,270,073	284.0	1,474,811	324.0	1,679,549	364.0	1,884,287
204.5	1,067,894	244.5	1,272,632	284.5	1,477,370	324.5	1,682,108	364.5	1,886,847
205.0	1,070,453	245.0	1,275,191	285.0	1,479,930	325.0	1,684,668	365.0	1,889,406
205.5	1,073,012	245.5	1,277,751	285.5	1,482,489	325.5	1,687,227	365.5	1,891,965
206.0	1,075,572	246.0	1,280,310	286.0	1,485,048	326.0	1,689,786	366.0	1,894,524
206.5	1,078,131	246.5	1,282,869	286.5	1,487,607	326.5	1,692,345	366.5	1,897,084
207.0	1,080,690	247.0	1,285,428	287.0	1,490,166	327.0	1,694,905	367.0	1,899,643
207.5	1,083,249	247.5	1,287,987	287.5	1,492,726	327.5	1,697,464	367.5	1,902,202
208.0	1,085,809	248.0	1,290,547	288.0	1,495,285	328.0	1,700,023	368.0	1,904,761
208.5	1,088,368	248.5	1,293,106	288.5	1,497,844	328.5	1,702,582	368.5	1,907,320
209.0	1,090,927	249.0	1,295,665	289.0	1,500,403	329.0	1,705,142	369.0	1,909,880
209.5	1,093,486	249.5	1,298,224	289.5	1,502,963	329.5	1,707,701	369.5	1,912,439
210.0	1,096,045	250.0	1,300,784	290.0	1,505,522	330.0	1,710,260	370.0	1,914,998
210.5	1,098,605	250.5	1,303,343	290.5	1,508,081	330.5	1,712,819	370.5	1,917,557
211.0	1,101,164	251.0	1,305,902	291.0	1,510,640	331.0	1,715,378	371.0	1,920,117
211.5	1,103,723	251.5	1,308,461	291.5	1,513,199	331.5	1,717,938	371.5	1,922,676
212.0	1,106,282	252.0	1,311,021	292.0	1,515,759	332.0	1,720,497	372.0	1,925,235
212.5	1,108,842	252.5	1,313,580	292.5	1,518,318	332.5	1,723,056	372.5	1,927,794
213.0	1,111,401	253.0	1,316,139	293.0	1,520,877	333.0	1,725,615	373.0	1,930,354
213.5	1,113,960	253.5	1,318,698	293.5	1,523,436	333.5	1,728,175	373.5	1,932,913
214.0	1,116,519	254.0	1,321,257	294.0	1,525,996	334.0	1,730,734	374.0	1,935,472
214.5	1,119,078	254.5	1,323,817	294.5	1,528,555	334.5	1,733,293	374.5	1,938,031
215.0	1,121,638	255.0	1,326,376	295.0	1,531,114	335.0	1,735,852	375.0	1,940,590
215.5	1,124,197	255.5	1,328,935	295.5	1,533,673	335.5	1,738,411	375.5	1,943,150
216.0	1,126,756	256.0	1,331,494	296.0	1,536,233	336.0	1,740,971	376.0	1,945,709
216.5	1,129,315	256.5	1,334,054	296.5	1,538,792	336.5	1,743,530	376.5	1,948,268
217.0	1,131,875	257.0	1,336,613	297.0	1,541,351	337.0	1,746,089	377.0	1,950,827
217.5	1,134,434	257.5	1,339,172	297.5	1,543,910	337.5	1,748,648	377.5	1,953,387
218.0	1,136,993	258.0	1,341,731	298.0	1,546,469	338.0	1,751,208	378.0	1,955,946
218.5	1,139,552	258.5	1,344,290	298.5	1,549,029	338.5	1,753,767	378.5	1,958,505
219.0	1,142,112	259.0	1,346,850	299.0	1,551,588	339.0	1,756,326	379.0	1,961,064
219.5	1,144,671	259.5	1,349,409	299.5	1,554,147	339.5	1,758,885	379.5	1,963,623
220.0	1,147,230	260.0	1,351,968	300.0	1,556,706	340.0	1,761,445	380.0	1,966,183
220.5	1,149,789	260.5	1,354,527	300.5	1,559,266	340.5	1,764,004	380.5	1,968,742
221.0	1,152,348	261.0	1,357,087	301.0	1,561,825	341.0	1,766,563	381.0	1,971,301
221.5	1,154,908	261.5	1,359,646	301.5	1,564,384	341.5	1,769,122	381.5	1,973,860
222.0	1,157,467	262.0	1,362,205	302.0	1,566,943	342.0	1,771,681	382.0	1,976,420
222.5	1,160,026	262.5	1,364,764	302.5	1,569,502	342.5	1,774,241	382.5	1,978,979
223.0	1,162,585	263.0	1,367,324	303.0	1,572,062	343.0	1,776,800	383.0	1,981,538
223.5	1,165,145	263.5	1,369,883	303.5	1,574,621	343.5	1,779,359	383.5	1,984,097
224.0	1,167,704	264.0	1,372,442	304.0	1,577,180	344.0	1,781,918	384.0	1,986,657
224.5	1,170,263	264.5	1,375,001	304.5	1,579,739	344.5	1,784,478	384.5	1,989,216
225.0	1,172,822	265.0	1,377,560	305.0	1,582,299	345.0	1,787,037	385.0	1,991,775
225.5	1,175,381	265.5	1,380,120	305.5	1,584,858	345.5	1,789,596	385.5	1,994,334
226.0	1,177,941	266.0	1,382,679	306.0	1,587,417	346.0	1,792,155	386.0	1,996,893
226.5	1,180,500	266.5	1,385,238	306.5	1,589,976	346.5	1,794,714	386.5	1,999,453
227.0	1,183,059	267.0	1,387,797	307.0	1,592,536	347.0	1,797,274	387.0	2,002,012
227.5	1,185,618	267.5	1,390,357	307.5	1,595,095	347.5	1,799,833	387.5	2,004,571
228.0	1,188,178	268.0	1,392,916	308.0	1,597,654	348.0	1,802,392	388.0	2,007,130
228.5	1,190,737	268.5	1,395,475	308.5	1,600,213	348.5	1,804,951	388.5	2,009,690
229.0	1,193,296	269.0	1,398,034	309.0	1,602,772	349.0	1,807,511	389.0	2,012,249
229.5	1,195,855	269.5	1,400,593	309.5	1,605,332	349.5	1,810,070	389.5	2,014,808
230.0	1,198,415	270.0	1,403,153	310.0	1,607,891	350.0	1,812,629	390.0	2,017,367
230.5	1,200,974	270.5	1,405,712	310.5	1,610,450	350.5	1,815,188	390.5	2,019,926
231.0	1,203,533	271.0	1,408,271	311.0	1,613,009	351.0	1,817,748	391.0	2,022,486
231.5	1,206,092	271.5	1,410,830	311.5	1,615,569	351.5	1,820,307	391.5	2,025,045
232.0	1,208,651	272.0	1,413,390	312.0	1,618,128	352.0	1,822,866	392.0	2,027,604
232.5	1,211,211	272.5	1,415,949	312.5	1,620,687	352.5	1,825,425	392.5	2,030,163
233.0	1,213,770	273.0	1,418,508	313.0	1,623,246	353.0	1,827,984	393.0	2,032,723
233.5	1,216,329	273.5	1,421,067	313.5	1,625,805	353.5	1,830,544	393.5	2,035,282
234.0	1,218,888	274.0	1,423,627	314.0	1,628,365	354.0	1,833,103	394.0	2,037,841
234.5	1,221,448	274.5	1,426,186	314.5	1,630,924	354.5	1,835,662	394.5	2,040,400
235.0	1,224,007	275.0	1,428,745	315.0	1,633,483	355.0	1,838,221	395.0	2,042,960
235.5	1,226,566	275.5	1,431,304	315.5	1,636,042	355.5	1,840,781	395.5	2,045,519
236.0	1,229,125	276.0	1,433,863	316.0	1,638,602	356.0	1,843,340	396.0	2,048,078
236.5	1,231,684	276.5	1,436,423	316.5	1,641,161	356.5	1,845,899	396.5	2,050,637
237.0	1,234,244	277.0	1,438,982	317.0	1,643,720	357.0	1,848,458	397.0	2,053,196
237.5	1,236,803	277.5	1,441,541	317.5	1,646,279	357.5	1,851,017	397.5	2,055,756
238.0	1,239,362	278.0	1,444,100	318.0	1,648,839	358.0	1,853,577	398.0	2,058,315
238.5	1,241,921	278.5	1,446,660	318.5	1,651,398	358.5	1,856,136	398.5	2,060,874
239.0	1,244,481	279.0	1,449,219	319.0	1,653,957	359.0	1,858,695	399.0	2,063,433
239.5	1,247,040	279.5	1,451,778	319.5	1,656,516	359.5	1,861,254	399.5	2,065,993

MILNE INLET DIESEL TANK TK-002 (2013 BUILT) - MARIE RIVER PROJECT, NUNAVUT

DIP CHART

CM	LITRES	CM	LITRES	CM	LITRES	CM	LITRES	CM	LITRES
400.0	2,068,552	440.0	2,273,290	480.0	2,478,028	520.0	2,682,766	560.0	2,887,504
400.5	2,071,111	440.5	2,275,849	480.5	2,480,587	520.5	2,685,326	560.5	2,890,064
401.0	2,073,670	441.0	2,278,408	481.0	2,483,147	521.0	2,687,885	561.0	2,892,623
401.5	2,076,229	441.5	2,280,968	481.5	2,485,706	521.5	2,690,444	561.5	2,895,182
402.0	2,078,789	442.0	2,283,527	482.0	2,488,265	522.0	2,693,003	562.0	2,897,741
402.5	2,081,348	442.5	2,286,086	482.5	2,490,824	522.5	2,695,562	562.5	2,900,301
403.0	2,083,907	443.0	2,288,645	483.0	2,493,384	523.0	2,698,122	563.0	2,902,860
403.5	2,086,466	443.5	2,291,205	483.5	2,495,943	523.5	2,700,681	563.5	2,905,419
404.0	2,089,026	444.0	2,293,764	484.0	2,498,502	524.0	2,703,240	564.0	2,907,978
404.5	2,091,585	444.5	2,296,323	484.5	2,501,061	524.5	2,705,799	564.5	2,910,538
405.0	2,094,144	445.0	2,298,882	485.0	2,503,620	525.0	2,708,359	565.0	2,913,097
405.5	2,096,703	445.5	2,301,441	485.5	2,506,180	525.5	2,710,918	565.5	2,915,656
406.0	2,099,263	446.0	2,304,001	486.0	2,508,739	526.0	2,713,477	566.0	2,918,215
406.5	2,101,822	446.5	2,306,560	486.5	2,511,298	526.5	2,716,036	566.5	2,920,774
407.0	2,104,381	447.0	2,309,119	487.0	2,513,857	527.0	2,718,595	567.0	2,923,334
407.5	2,106,940	447.5	2,311,678	487.5	2,516,417	527.5	2,721,155	567.5	2,925,893
408.0	2,109,499	448.0	2,314,238	488.0	2,518,976	528.0	2,723,714	568.0	2,928,452
408.5	2,112,059	448.5	2,316,797	488.5	2,521,535	528.5	2,726,273	568.5	2,931,011
409.0	2,114,618	449.0	2,319,356	489.0	2,524,094	529.0	2,728,832	569.0	2,933,571
409.5	2,117,177	449.5	2,321,915	489.5	2,526,653	529.5	2,731,392	569.5	2,936,130
410.0	2,119,736	450.0	2,324,475	490.0	2,529,213	530.0	2,733,951	570.0	2,938,689
410.5	2,122,296	450.5	2,327,034	490.5	2,531,772	530.5	2,736,510	570.5	2,941,248
411.0	2,124,855	451.0	2,329,593	491.0	2,534,331	531.0	2,739,069	571.0	2,943,807
411.5	2,127,414	451.5	2,332,152	491.5	2,536,890	531.5	2,741,629	571.5	2,946,367
412.0	2,129,973	452.0	2,334,711	492.0	2,539,450	532.0	2,744,188	572.0	2,948,926
412.5	2,132,532	452.5	2,337,271	492.5	2,542,009	532.5	2,746,747	572.5	2,951,485
413.0	2,135,092	453.0	2,339,830	493.0	2,544,568	533.0	2,749,306	573.0	2,954,044
413.5	2,137,651	453.5	2,342,389	493.5	2,547,127	533.5	2,751,865	573.5	2,956,604
414.0	2,140,210	454.0	2,344,948	494.0	2,549,686	534.0	2,754,425	574.0	2,959,163
414.5	2,142,769	454.5	2,347,508	494.5	2,552,246	534.5	2,756,984	574.5	2,961,722
415.0	2,145,329	455.0	2,350,067	495.0	2,554,805	535.0	2,759,543	575.0	2,964,281
415.5	2,147,888	455.5	2,352,626	495.5	2,557,364	535.5	2,762,102	575.5	2,966,841
416.0	2,150,447	456.0	2,355,185	496.0	2,559,923	536.0	2,764,662	576.0	2,969,400
416.5	2,153,006	456.5	2,357,744	496.5	2,562,483	536.5	2,767,221	576.5	2,971,959
417.0	2,155,566	457.0	2,360,304	497.0	2,565,042	537.0	2,769,780	577.0	2,974,518
417.5	2,158,125	457.5	2,362,863	497.5	2,567,601	537.5	2,772,339	577.5	2,977,077
418.0	2,160,684	458.0	2,365,422	498.0	2,570,160	538.0	2,774,898	578.0	2,979,637
418.5	2,163,243	458.5	2,367,981	498.5	2,572,720	538.5	2,777,458	578.5	2,982,196
419.0	2,165,802	459.0	2,370,541	499.0	2,575,279	539.0	2,780,017	579.0	2,984,755
419.5	2,168,362	459.5	2,373,100	499.5	2,577,838	539.5	2,782,576	579.5	2,987,314
420.0	2,170,921	460.0	2,375,659	500.0	2,580,397	540.0	2,785,135	580.0	2,989,874
420.5	2,173,480	460.5	2,378,218	500.5	2,582,956	540.5	2,787,695	580.5	2,992,433
421.0	2,176,039	461.0	2,380,778	501.0	2,585,516	541.0	2,790,254	581.0	2,994,992
421.5	2,178,599	461.5	2,383,337	501.5	2,588,075	541.5	2,792,813	581.5	2,997,551
422.0	2,181,158	462.0	2,385,896	502.0	2,590,634	542.0	2,795,372	582.0	3,000,110
422.5	2,183,717	462.5	2,388,455	502.5	2,593,193	542.5	2,797,932	582.5	3,002,670
423.0	2,186,276	463.0	2,391,014	503.0	2,595,753	543.0	2,800,491	583.0	3,005,229
423.5	2,188,835	463.5	2,393,574	503.5	2,598,312	543.5	2,803,050	583.5	3,007,788
424.0	2,191,395	464.0	2,396,133	504.0	2,600,871	544.0	2,805,609	584.0	3,010,347
424.5	2,193,954	464.5	2,398,692	504.5	2,603,430	544.5	2,808,168	584.5	3,012,907
425.0	2,196,513	465.0	2,401,251	505.0	2,605,989	545.0	2,810,728	585.0	3,015,466
425.5	2,199,072	465.5	2,403,811	505.5	2,608,549	545.5	2,813,287	585.5	3,018,025
426.0	2,201,632	466.0	2,406,370	506.0	2,611,108	546.0	2,815,846	586.0	3,020,584
426.5	2,204,191	466.5	2,408,929	506.5	2,613,667	546.5	2,818,405	586.5	3,023,144
427.0	2,206,750	467.0	2,411,488	507.0	2,616,226	547.0	2,820,965	587.0	3,025,703
427.5	2,209,309	467.5	2,414,047	507.5	2,618,786	547.5	2,823,524	587.5	3,028,262
428.0	2,211,869	468.0	2,416,607	508.0	2,621,345	548.0	2,826,083	588.0	3,030,821
428.5	2,214,428	468.5	2,419,166	508.5	2,623,904	548.5	2,828,642	588.5	3,033,380
429.0	2,216,987	469.0	2,421,725	509.0	2,626,463	549.0	2,831,201	589.0	3,035,940
429.5	2,219,546	469.5	2,424,284	509.5	2,629,023	549.5	2,833,761	589.5	3,038,499
430.0	2,222,105	470.0	2,426,844	510.0	2,631,582	550.0	2,836,320	590.0	3,041,058
430.5	2,224,665	470.5	2,429,403	510.5	2,634,141	550.5	2,838,879	590.5	3,043,617
431.0	2,227,224	471.0	2,431,962	511.0	2,636,700	551.0	2,841,438	591.0	3,046,177
431.5	2,229,783	471.5	2,434,521	511.5	2,639,259	551.5	2,843,998	591.5	3,048,736
432.0	2,232,342	472.0	2,437,081	512.0	2,641,819	552.0	2,846,557	592.0	3,051,295
432.5	2,234,902	472.5	2,439,640	512.5	2,644,378	552.5	2,849,116	592.5	3,053,854
433.0	2,237,461	473.0	2,442,199	513.0	2,646,937	553.0	2,851,675	593.0	3,056,413
433.5	2,240,020	473.5	2,444,758	513.5	2,649,496	553.5	2,854,235	593.5	3,058,973
434.0	2,242,579	474.0	2,447,317	514.0	2,652,056	554.0	2,856,794	594.0	3,061,532
434.5	2,245,138	474.5	2,449,877	514.5	2,654,615	554.5	2,859,353	594.5	3,064,091
435.0	2,247,698	475.0	2,452,436	515.0	2,657,174	555.0	2,861,912	595.0	3,066,650
435.5	2,250,257	475.5	2,454,995	515.5	2,659,733	555.5	2,864,471	595.5	3,069,210
436.0	2,252,816	476.0	2,457,554	516.0	2,662,292	556.0	2,867,031	596.0	3,071,769
436.5	2,255,375	476.5	2,460,114	516.5	2,664,852	556.5	2,869,590	596.5	3,074,328
437.0	2,257,935	477.0	2,462,673	517.0	2,667,411	557.0	2,872,149	597.0	3,076,887
437.5	2,260,494	477.5	2,465,232	517.5	2,669,970	557.5	2,874,708	597.5	3,079,447
438.0	2,263,053	478.0	2,467,791	518.0	2,672,529	558.0	2,877,268	598.0	3,082,006
438.5	2,265,612	478.5	2,470,350	518.5	2,675,089	558.5	2,879,827	598.5	3,084,565
439.0	2,268,172	479.0	2,472,910	519.0	2,677,648	559.0	2,882,386	599.0	3,087,124
439.5	2,270,731	479.5	2,475,469	519.5	2,680,207	559.5	2,884,945	599.5	3,089,683

MILNE INLET DIESEL TANK TK-002 (2013 BUILT) - MARIE RIVER PROJECT, NUNAVUT

DIP CHART

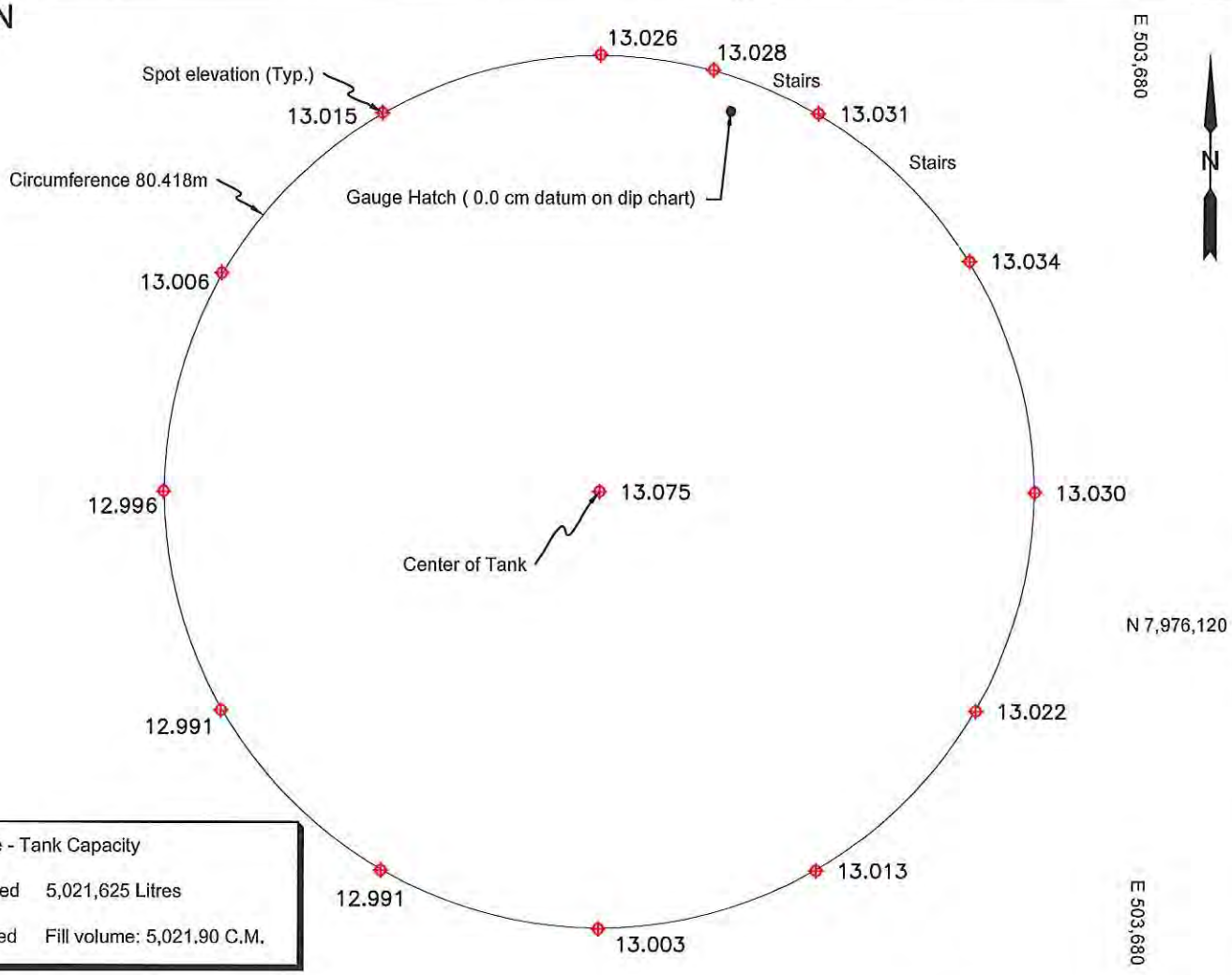
CM	LITRES	CM	LITRES	CM	LITRES	CM	LITRES	CM	LITRES
600.0	3,092,243	640.0	3,296,981	680.0	3,501,719	720.0	3,706,457	760.0	3,911,195
600.5	3,094,802	640.5	3,299,540	680.5	3,504,278	720.5	3,709,016	760.5	3,913,755
601.0	3,097,361	641.0	3,302,099	681.0	3,506,837	721.0	3,711,576	761.0	3,916,314
601.5	3,099,920	641.5	3,304,659	681.5	3,509,397	721.5	3,714,135	761.5	3,918,873
602.0	3,102,480	642.0	3,307,218	682.0	3,511,956	722.0	3,716,694	762.0	3,921,432
602.5	3,105,039	642.5	3,309,777	682.5	3,514,515	722.5	3,719,253	762.5	3,923,992
603.0	3,107,598	643.0	3,312,336	683.0	3,517,074	723.0	3,721,813	763.0	3,926,551
603.5	3,110,157	643.5	3,314,895	683.5	3,519,634	723.5	3,724,372	763.5	3,929,110
604.0	3,112,716	644.0	3,317,455	684.0	3,522,193	724.0	3,726,931	764.0	3,931,669
604.5	3,115,276	644.5	3,320,014	684.5	3,524,752	724.5	3,729,490	764.5	3,934,228
605.0	3,117,835	645.0	3,322,573	685.0	3,527,311	725.0	3,732,049	765.0	3,936,788
605.5	3,120,394	645.5	3,325,132	685.5	3,529,871	725.5	3,734,609	765.5	3,939,347
606.0	3,122,953	646.0	3,327,692	686.0	3,532,430	726.0	3,737,168	766.0	3,941,906
606.5	3,125,513	646.5	3,330,251	686.5	3,534,989	726.5	3,739,727	766.5	3,944,465
607.0	3,128,072	647.0	3,332,810	687.0	3,537,548	727.0	3,742,286	767.0	3,947,025
607.5	3,130,631	647.5	3,335,369	687.5	3,540,107	727.5	3,744,846	767.5	3,949,584
608.0	3,133,190	648.0	3,337,928	688.0	3,542,667	728.0	3,747,405	768.0	3,952,143
608.5	3,135,750	648.5	3,340,488	688.5	3,545,226	728.5	3,749,964	768.5	3,954,702
609.0	3,138,309	649.0	3,343,047	689.0	3,547,785	729.0	3,752,523	769.0	3,957,261
609.5	3,140,868	649.5	3,345,606	689.5	3,550,344	729.5	3,755,083	769.5	3,959,821
610.0	3,143,427	650.0	3,348,165	690.0	3,552,904	730.0	3,757,642	770.0	3,962,380
610.5	3,145,986	650.5	3,350,725	690.5	3,555,463	730.5	3,760,201	770.5	3,964,939
611.0	3,148,546	651.0	3,353,284	691.0	3,558,022	731.0	3,762,760	771.0	3,967,498
611.5	3,151,105	651.5	3,355,843	691.5	3,560,581	731.5	3,765,319	771.5	3,970,058
612.0	3,153,664	652.0	3,358,402	692.0	3,563,140	732.0	3,767,879	772.0	3,972,617
612.5	3,156,223	652.5	3,360,962	692.5	3,565,700	732.5	3,770,438	772.5	3,975,176
613.0	3,158,783	653.0	3,363,521	693.0	3,568,259	733.0	3,772,997	773.0	3,977,735
613.5	3,161,342	653.5	3,366,080	693.5	3,570,818	733.5	3,775,556	773.5	3,980,295
614.0	3,163,901	654.0	3,368,639	694.0	3,573,377	734.0	3,778,116	774.0	3,982,854
614.5	3,166,460	654.5	3,371,198	694.5	3,575,937	734.5	3,780,675	774.5	3,985,413
615.0	3,169,019	655.0	3,373,758	695.0	3,578,496	735.0	3,783,234	775.0	3,987,972
615.5	3,171,579	655.5	3,376,317	695.5	3,581,055	735.5	3,785,793	775.5	3,990,531
616.0	3,174,138	656.0	3,378,876	696.0	3,583,614	736.0	3,788,352	776.0	3,993,091
616.5	3,176,697	656.5	3,381,435	696.5	3,586,174	736.5	3,790,912	776.5	3,995,650
617.0	3,179,256	657.0	3,383,995	697.0	3,588,733	737.0	3,793,471	777.0	3,998,209
617.5	3,181,816	657.5	3,386,554	697.5	3,591,292	737.5	3,796,030	777.5	4,000,768
618.0	3,184,375	658.0	3,389,113	698.0	3,593,851	738.0	3,798,589	778.0	4,003,328
618.5	3,186,934	658.5	3,391,672	698.5	3,596,410	738.5	3,801,149	778.5	4,005,887
619.0	3,189,493	659.0	3,394,231	699.0	3,598,970	739.0	3,803,708	779.0	4,008,446
619.5	3,192,053	659.5	3,396,791	699.5	3,601,529	739.5	3,806,267	779.5	4,011,005
620.0	3,194,612	660.0	3,399,350	700.0	3,604,088	740.0	3,808,826	780.0	4,013,564
620.5	3,197,171	660.5	3,401,909	700.5	3,606,647	740.5	3,811,386	780.5	4,016,124
621.0	3,199,730	661.0	3,404,468	701.0	3,609,207	741.0	3,813,945	781.0	4,018,683
621.5	3,202,289	661.5	3,407,028	701.5	3,611,766	741.5	3,816,504	781.5	4,021,242
622.0	3,204,849	662.0	3,409,587	702.0	3,614,325	742.0	3,819,063	782.0	4,023,801
622.5	3,207,408	662.5	3,412,146	702.5	3,616,884	742.5	3,821,622	782.5	4,026,361
623.0	3,209,967	663.0	3,414,705	703.0	3,619,443	743.0	3,824,182	783.0	4,028,920
623.5	3,212,526	663.5	3,417,265	703.5	3,622,003	743.5	3,826,741	783.5	4,031,479
624.0	3,215,086	664.0	3,419,824	704.0	3,624,562	744.0	3,829,300	784.0	4,034,038
624.5	3,217,645	664.5	3,422,383	704.5	3,627,121	744.5	3,831,859	784.5	4,036,598
625.0	3,220,204	665.0	3,424,942	705.0	3,629,680	745.0	3,834,419	785.0	4,039,157
625.5	3,222,763	665.5	3,427,501	705.5	3,632,240	745.5	3,836,978	785.5	4,041,716
626.0	3,225,322	666.0	3,430,061	706.0	3,634,799	746.0	3,839,537	786.0	4,044,275
626.5	3,227,882	666.5	3,432,620	706.5	3,637,358	746.5	3,842,096	786.5	4,046,834
627.0	3,230,441	667.0	3,435,179	707.0	3,639,917	747.0	3,844,655	787.0	4,049,394
627.5	3,233,000	667.5	3,437,738	707.5	3,642,477	747.5	3,847,215	787.5	4,051,953
628.0	3,235,559	668.0	3,440,298	708.0	3,645,036	748.0	3,849,774	788.0	4,054,512
628.5	3,238,119	668.5	3,442,857	708.5	3,647,595	748.5	3,852,333	788.5	4,057,071
629.0	3,240,678	669.0	3,445,416	709.0	3,650,154	749.0	3,854,892	789.0	4,059,631
629.5	3,243,237	669.5	3,447,975	709.5	3,652,713	749.5	3,857,452	789.5	4,062,190
630.0	3,245,796	670.0	3,450,534	710.0	3,655,273	750.0	3,860,011	790.0	4,064,749
630.5	3,248,356	670.5	3,453,094	710.5	3,657,832	750.5	3,862,570	790.5	4,067,308
631.0	3,250,915	671.0	3,455,653	711.0	3,660,391	751.0	3,865,129	791.0	4,069,867
631.5	3,253,474	671.5	3,458,212	711.5	3,662,950	751.5	3,867,689	791.5	4,072,427
632.0	3,256,033	672.0	3,460,771	712.0	3,665,510	752.0	3,870,248	792.0	4,074,986
632.5	3,258,592	672.5	3,463,331	712.5	3,668,069	752.5	3,872,807	792.5	4,077,545
633.0	3,261,152	673.0	3,465,890	713.0	3,670,628	753.0	3,875,366	793.0	4,080,104
633.5	3,263,711	673.5	3,468,449	713.5	3,673,187	753.5	3,877,925	793.5	4,082,664
634.0	3,266,270	674.0	3,471,008	714.0	3,675,746	754.0	3,880,485	794.0	4,085,223
634.5	3,268,829	674.5	3,473,568	714.5	3,678,306	754.5	3,883,044	794.5	4,087,782
635.0	3,271,389	675.0	3,476,127	715.0	3,680,865	755.0	3,885,603	795.0	4,090,341
635.5	3,273,948	675.5	3,478,686	715.5	3,683,424	755.5	3,888,162	795.5	4,092,901
636.0	3,276,507	676.0	3,481,245	716.0	3,685,983	756.0	3,890,722	796.0	4,095,460
636.5	3,279,066	676.5	3,483,804	716.5	3,688,543	756.5	3,893,281	796.5	4,098,019
637.0	3,281,625	677.0	3,486,364	717.0	3,691,102	757.0	3,895,840	797.0	4,100,578
637.5	3,284,185	677.5	3,488,923	717.5	3,693,661	757.5	3,898,399	797.5	4,103,137
638.0	3,286,744	678.0	3,491,482	718.0	3,696,220	758.0	3,900,958	798.0	4,105,697
638.5	3,289,303	678.5	3,494,041	718.5	3,698,780	758.5	3,903,518	798.5	4,108,256
639.0	3,291,862	679.0	3,496,601	719.0	3,701,339	759.0	3,906,077	799.0	4,110,815
639.5	3,294,422	679.5	3,499,160	719.5	3,703,898	759.5	3,908,636	799.5	4,113,374

MILNE INLET DIESEL TANK TK-002 (2013 BUILT) - MARIE RIVER PROJECT, NUNAVUT

DIP CHART

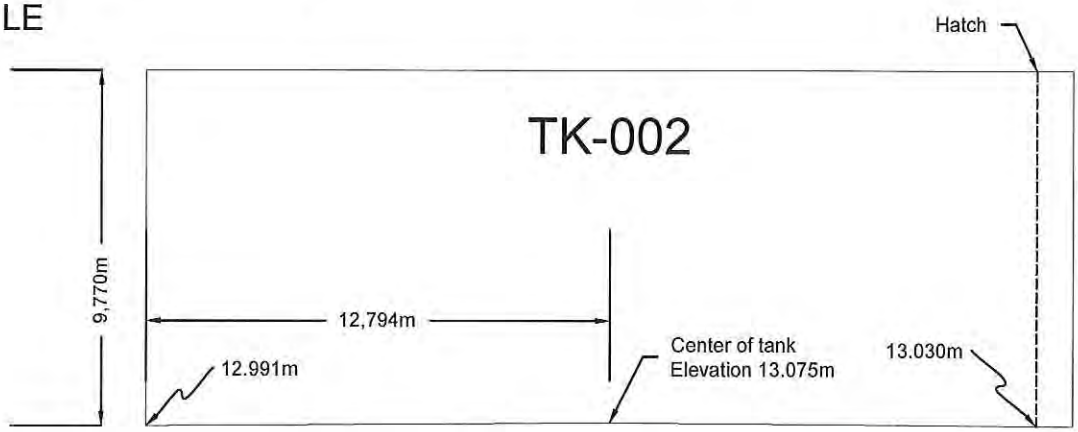
CM	LITRES	CM	LITRES	CM	LITRES	CM	LITRES	CM	LITRES
800.0	4,115,934	840.0	4,320,672	880.0	4,525,410	920.0	4,730,148	960.0	4,934,886
800.5	4,118,493	840.5	4,323,231	880.5	4,527,969	920.5	4,732,707	960.5	4,937,446
801.0	4,121,052	841.0	4,325,790	881.0	4,530,528	921.0	4,735,267	961.0	4,940,005
801.5	4,123,611	841.5	4,328,349	881.5	4,533,088	921.5	4,737,826	961.5	4,942,564
802.0	4,126,170	842.0	4,330,909	882.0	4,535,647	922.0	4,740,385	962.0	4,945,123
802.5	4,128,730	842.5	4,333,468	882.5	4,538,206	922.5	4,742,944	962.5	4,947,682
803.0	4,131,289	843.0	4,336,027	883.0	4,540,765	923.0	4,745,503	963.0	4,950,242
803.5	4,133,848	843.5	4,338,586	883.5	4,543,325	923.5	4,748,063	963.5	4,952,801
804.0	4,136,407	844.0	4,341,146	884.0	4,545,884	924.0	4,750,622	964.0	4,955,360
804.5	4,138,967	844.5	4,343,705	884.5	4,548,443	924.5	4,753,181	964.5	4,957,919
805.0	4,141,526	845.0	4,346,264	885.0	4,551,002	925.0	4,755,740	965.0	4,960,479
805.5	4,144,085	845.5	4,348,823	885.5	4,553,561	925.5	4,758,300	965.5	4,963,038
806.0	4,146,644	846.0	4,351,382	886.0	4,556,121	926.0	4,760,859	966.0	4,965,597
806.5	4,149,204	846.5	4,353,942	886.5	4,558,680	926.5	4,763,418	966.5	4,968,156
807.0	4,151,763	847.0	4,356,501	887.0	4,561,239	927.0	4,765,977	967.0	4,970,715
807.5	4,154,322	847.5	4,359,060	887.5	4,563,798	927.5	4,768,537	967.5	4,973,275
808.0	4,156,881	848.0	4,361,619	888.0	4,566,358	928.0	4,771,096	968.0	4,975,834
808.5	4,159,440	848.5	4,364,179	888.5	4,568,917	928.5	4,773,655	968.5	4,978,393
809.0	4,162,000	849.0	4,366,738	889.0	4,571,476	929.0	4,776,214	969.0	4,980,952
809.5	4,164,559	849.5	4,369,297	889.5	4,574,035	929.5	4,778,773	969.5	4,983,512
810.0	4,167,118	850.0	4,371,856	890.0	4,576,594	930.0	4,781,333	970.0	4,986,071
810.5	4,169,677	850.5	4,374,416	890.5	4,579,154	930.5	4,783,892	970.5	4,988,630
811.0	4,172,237	851.0	4,376,975	891.0	4,581,713	931.0	4,786,451	971.0	4,991,189
811.5	4,174,796	851.5	4,379,534	891.5	4,584,272	931.5	4,789,010	971.5	4,993,749
812.0	4,177,355	852.0	4,382,093	892.0	4,586,831	932.0	4,791,570	972.0	4,996,308
812.5	4,179,914	852.5	4,384,652	892.5	4,589,391	932.5	4,794,129	972.5	4,998,867
813.0	4,182,473	853.0	4,387,212	893.0	4,591,950	933.0	4,796,688	973.0	5,001,426
813.5	4,185,033	853.5	4,389,771	893.5	4,594,509	933.5	4,799,247	973.5	5,003,985
814.0	4,187,592	854.0	4,392,330	894.0	4,597,068	934.0	4,801,806	974.0	5,006,545
814.5	4,190,151	854.5	4,394,889	894.5	4,599,628	934.5	4,804,366	974.5	5,009,104
815.0	4,192,710	855.0	4,397,449	895.0	4,602,187	935.0	4,806,925	975.0	5,011,663
815.5	4,195,270	855.5	4,400,008	895.5	4,604,746	935.5	4,809,484	975.5	5,014,222
816.0	4,197,829	856.0	4,402,567	896.0	4,607,305	936.0	4,812,043	976.0	5,016,782
816.5	4,200,388	856.5	4,405,126	896.5	4,609,864	936.5	4,814,603	976.5	5,019,341
817.0	4,202,947	857.0	4,407,685	897.0	4,612,424	937.0	4,817,162	977.0	5,021,900
817.5	4,205,507	857.5	4,410,245	897.5	4,614,983	937.5	4,819,721		
818.0	4,208,066	858.0	4,412,804	898.0	4,617,542	938.0	4,822,280		
818.5	4,210,625	858.5	4,415,363	898.5	4,620,101	938.5	4,824,840		
819.0	4,213,184	859.0	4,417,922	899.0	4,622,661	939.0	4,827,399		
819.5	4,215,743	859.5	4,420,482	899.5	4,625,220	939.5	4,829,958		
820.0	4,218,303	860.0	4,423,041	900.0	4,627,779	940.0	4,832,517		
820.5	4,220,862	860.5	4,425,600	900.5	4,630,338	940.5	4,835,076		
821.0	4,223,421	861.0	4,428,159	901.0	4,632,897	941.0	4,837,636		
821.5	4,225,980	861.5	4,430,719	901.5	4,635,457	941.5	4,840,195		
822.0	4,228,540	862.0	4,433,278	902.0	4,638,016	942.0	4,842,754		
822.5	4,231,099	862.5	4,435,837	902.5	4,640,575	942.5	4,845,313		
823.0	4,233,658	863.0	4,438,396	903.0	4,643,134	943.0	4,847,873		
823.5	4,236,217	863.5	4,440,955	903.5	4,645,694	943.5	4,850,432		
824.0	4,238,776	864.0	4,443,515	904.0	4,648,253	944.0	4,852,991		
824.5	4,241,336	864.5	4,446,074	904.5	4,650,812	944.5	4,855,550		
825.0	4,243,895	865.0	4,448,633	905.0	4,653,371	945.0	4,858,109		
825.5	4,246,454	865.5	4,451,192	905.5	4,655,931	945.5	4,860,669		
826.0	4,249,013	866.0	4,453,752	906.0	4,658,490	946.0	4,863,228		
826.5	4,251,573	866.5	4,456,311	906.5	4,661,049	946.5	4,865,787		
827.0	4,254,132	867.0	4,458,870	907.0	4,663,608	947.0	4,868,346		
827.5	4,256,691	867.5	4,461,429	907.5	4,666,167	947.5	4,870,906		
828.0	4,259,250	868.0	4,463,988	908.0	4,668,727	948.0	4,873,465		
828.5	4,261,810	868.5	4,466,548	908.5	4,671,286	948.5	4,876,024		
829.0	4,264,369	869.0	4,469,107	909.0	4,673,845	949.0	4,878,583		
829.5	4,266,928	869.5	4,471,666	909.5	4,676,404	949.5	4,881,143		
830.0	4,269,487	870.0	4,474,225	910.0	4,678,964	950.0	4,883,702		
830.5	4,272,046	870.5	4,476,785	910.5	4,681,523	950.5	4,886,261		
831.0	4,274,606	871.0	4,479,344	911.0	4,684,082	951.0	4,888,820		
831.5	4,277,165	871.5	4,481,903	911.5	4,686,641	951.5	4,891,379		
832.0	4,279,724	872.0	4,484,462	912.0	4,689,200	952.0	4,893,939		
832.5	4,282,283	872.5	4,487,022	912.5	4,691,760	952.5	4,896,498		
833.0	4,284,843	873.0	4,489,581	913.0	4,694,319	953.0	4,899,057		
833.5	4,287,402	873.5	4,492,140	913.5	4,696,878	953.5	4,901,616		
834.0	4,289,961	874.0	4,494,699	914.0	4,699,437	954.0	4,904,176		
834.5	4,292,520	874.5	4,497,258	914.5	4,701,997	954.5	4,906,735		
835.0	4,295,079	875.0	4,499,818	915.0	4,704,556	955.0	4,909,294		
835.5	4,297,639	875.5	4,502,377	915.5	4,707,115	955.5	4,911,853		
836.0	4,300,198	876.0	4,504,936	916.0	4,709,674	956.0	4,914,412		
836.5	4,302,757	876.5	4,507,495	916.5	4,712,234	956.5	4,916,972		
837.0	4,305,316	877.0	4,510,055	917.0	4,714,793	957.0	4,919,531		
837.5	4,307,876	877.5	4,512,614	917.5	4,717,352	957.5	4,922,090		
838.0	4,310,435	878.0	4,515,173	918.0	4,719,911	958.0	4,924,649		
838.5	4,312,994	878.5	4,517,732	918.5	4,722,470	958.5	4,927,209		
839.0	4,315,553	879.0	4,520,291	919.0	4,725,030	959.0	4,929,768		
839.5	4,318,113	879.5	4,522,851	919.5	4,727,589	959.5	4,932,327		

PLAN



Volume - Tank Capacity	
Published	5,021,625 Litres
Surveyed	Fill volume: 5,021.90 C.M.

PROFILE



For dip chart data, please see following spreadsheet:
Milne Inlet Diesel Tank TK-002 (2013 Built) - Dip Chart.xlsx

CLIENT:	PREPARED BY:		DRAWING TITLE:
Baffinland Iron Mines Corporation	Nuna East Ltd. 9839 - 31 Avenue Edmonton, AB T6N 1C5	NUNA	As-Built of Milne Inlet Diesel Tank TK-002
PROJECT:			
Mary River Project, Baffin Island, Nunavut			

DRAWN BY:	SCALE:	DATE:	DRAWING NAME (YYMMDD):
gc	1 : 200	Aug 06, 2013	AB 130806 TM TK-002.dwg

C:\130510\1. Projects\020 TM Tank modification\CAD\6. As-built\AB 130806 TM TK-002.dwg, 8/10/2013 7:20:58 PM, DWG To PDF.pc3

NUNA EAST LTD

Section 5

Statements of Compliance

STATEMENT OF COMPLIANCE

Engineering Required Specification: Quarried Fill Materials Section: H349000 S31 12 13 (IFC).

Project Aggregate Generated: Type 5 Minus 32mm aggregate.

Statement: The production of the project required aggregate has be found to meet the Quarried Fill Materials Specification of Section: H349000 S31 12 13.

I, the undersigned, declare that the above described aggregate generation and its inspection and testing complies in all respects with the requirements of the above listed construction specification issued to Nuna East Ltd.

HATCH	TYLER BRUCE	CONST SUPERVISOR	06/09/2013
(Company)	(Name)	(Title)	(Date)

STATEMENT OF COMPLIANCE

Engineering Required Specification: Quarried Fill Materials Section: H349000 S31 12 13 (IFC).

Project Aggregate Generated: -2 mm fines aggregate.

Statement: The production of the project required aggregate has be found to meet the Quarried Fill Materials Specification of Section: H349000 S31 12 13.

I, the undersigned, declare that the above described aggregate generation and its inspection and testing complies in all respects with the requirements of the above listed construction specification issued to Nuna East Ltd.

HATCH	TYLER BRULE	CONST. SUPERVISOR	06/09/2013
(Company)	(Name)	(Title)	(Date)

STATEMENT OF COMPLIANCE

Engineering Required Specification: Quarried Fill Materials Section: H349000 S31 12 13 (IFC).

Project Aggregate Generated: Type 8 Minus 150mm aggregate.

Statement: The production of the project required aggregate has be found to meet the Quarried Fill Materials Specification of Section: H349000 S31 12 13.

I, the undersigned, declare that the above described aggregate generation and its inspection and testing complies in all respects with the requirements of the above listed construction specification issued to Nuna East Ltd.

HATCH	TYLER BIRCH	CONST. SUPERVISOR	06/09/2013
(Company)	(Name)	(Title)	(Date)

NUNA EAST LTD

Section 6

Request for Information Documentation

NUNA
NUNA EAST LTD

REQUEST FOR INFORMATION

RFI NUMBER	NE-RFI-004
ISSUE DATE (YY/MM/DD)	June 7th, 2013
PRIORITY	H X M L
REQ'D RESPONSE DATE	June 7th, 2013

Baffinland Iron Mines

Subject:	Tank Farm Modification Base	Project Zone/Area:	Tank Farm
Company:	Nuna East	Station/Location:	
Attention:	James Cleland	Discipline:	Civil - Earthworks

AFE:		Specification Number:	
Related Drawings:		Related Documents:	

Related WBS Code		WBS Code Description:	

Information Request/Description of Issue/Approval Required:
The Milne Port Tank Pad Drawing indicates a diameter width of liner required of 29.6m.
Proposed Corrective Action:
The panels are manufactured 43m x 29.3. Please allow the variance of 150mm on two sides of the tank.
Originator: Nuna
Print: Kyle Kuntz *Sign:* *Date: June 7th, 2013*

Cost Impact:	☒ No ☐ Yes	$		Summary Estimate
Detailed Estimate attached:	☒ No ☐ Yes			
Schedule Impact:	☒ No ☐ Yes	#		Number of Days
Source for Communication:	☐ Owner Change	☒ Clarification/Info		☐ Constructor Change
	☐ Vendor Change	☒ Designer Change		☐ Other

Note: RFI's are not authorized change documents and cannot be used to direct a change in contract requirements. If Hatch response on the RFI has cost and/or schedule effect, it is the contractor's responsibility to immediately advise Hatch Work undertaken without Hatch written authorization is at the contractor's risk and expense

Response

☒ Corrective Action Approved ☐ Correct as Follows:

Variance in liner width is approved
Responsible Engineer: James Cleland June 10, 2013
Print: *Sign:* *Date:*

NUNA

NUNA EAST LTD

REQUEST FOR SITE INSTRUCTION

Baffinland Iron Mines Corp.: Mary River Project
Mary River, Nu.

REQUEST NUMBER	NE-RSI-001	Rev.: 0
ISSUE DATE:	June 12, 2013	
PRIORITY:	H X M L	
REQ'D RESPONSE DATE:	June 12, 2013	

Subject:	Job # 2611.1 BIM 2.3.1.10 Tank Farm Containment Dyke Modification-Milne Port TK-002 Tank pad Insulation.	**Project Zone/Area:**	Milne Port Tank Farm.
Company:	Nuna East Ltd.	**Location:**	Milne Port Tank Farm Dyke Facility 2611.
Attention:	Marlon Coakley.	**Discipline:**	Civil Earthworks.

AFE:		**Specification Number:**	
Related Drawings:	H349000-2613-10-035-0005 Rev 0	**Related Documents:**	Geotextiles Section: S31 05 19.13
			Geomembranes Section: S31 05 19.16

Related Client Work Code:	N/A	**Client Code Description:**	N/A

Information Request/Description of Issue/Instruction Required:

Upon placing the first 100mm thick lift of -2mm crusher fines it became apparent that the Hazgard 535 liner had begun to expand creating a "bubble". All work on the pad was hauled at this time to address this issue. Nuna requests a site instruction stating the path going forward regarding the handling of the "bubble" expansion.

See Pictures below.

Originator: Bradford Watkin Nuna Quality Manager

BRADFORD WATKIN		6/12/13
Print:	*Sign:*	*Date:*

NUNA

NUNA EAST LTD

REQUEST FOR SITE INSTRUCTION

Baffinland Iron Mines Corp.: Mary River Project
Mary River, Nu.

Response:

1. Expose the edge of the liner outside of the tank shell limits.
2. Cut 2 relief holes to let the air out.
3. Once air is out cover holes with plywood for temporary protection
4. Survey the locations for remediation /repair of relief holes at a later date.

Company: Hatch

Client:	Marlon Coakley	Marly C	June 12/2013
	Print:	*Sign:*	*Date:*

NUNA EAST LTD

Section 7

Quality Surveillance Reports

NUNA EAST LTD

Substantial Completion of Grounding

Project/Contract No.: H34900-CC001		**Date:** SEPT 8/13
Job No.: 2611.1 Milne Port-Tank Farm Containment Dyke Modification		**Client:** Baffinland Iron Ore Mines ERP-Hatch Engineering
Drawing No.: H349000-2613-70-042-0003	**Revision No.: 0**	**Location:** Milne Inlet

1	Grounding rods installed as per "IFC" drawing.	☒ Yes ☐ No ☐ N/A
2	Grounds inspection well as per "IFC" drawing.	~~☒ Yes~~ ☐ No ☒ N/A BL
3	Ground wire size as per "IFC" drawing.	☒ Yes ☐ No ☐ N/A
4	All connections completed as per "IFC" drawing.	☒ Yes ☐ No ☐ N/A

Inspected By: KEITH GORDON	**Title:** ELECTRICIAN	**Date:** SEPT 8/13

Remarks: NORTH GROUND RODS NEED TO BE DRILLED AND CONNECTED. LAST RUN INSIDE TANK FARM ON EAST SIDE FROM NORTH TO SOUTH NEEDS TO BE DONE WHEN ACCESS RAMP AND MATERIAL CLEANED UP.

Note: The items listed above have been inspected and are in accordance with project drawing and specifications.

NUNA Representative: _____ **Date:** SEPT 8/13

ADCO Representative: _____ **Date:** SEPT 8/13.

NUNA EAST LTD

Substantial Completion of Grounding

Project/Contract No.: H34900-CC001		**Date:** SEPT 24, 2013
Job No.: 2611.1 Milne Port-Tank Farm Containment Dyke Modification		**Client:** Baffinland Iron Ore Mines ERP-Hatch Engineering
Drawing No.: H349000-2613-70-042-0003	**Revision No.:** 0	**Location:** Milne Inlet

1	Grounding rods installed as per "IFC" drawing.	☑ Yes ☐ No ☐ N/A
2	Grounds inspection well as per "IFC" drawing.	☐ Yes ☐ No ☒ N/A
3	Ground wire size as per "IFC" drawing.	☑ Yes ☐ No ☐ N/A
4	All connections completed as per "IFC" drawing.	☑ Yes ☐ No ☐ N/A

Inspected By: Keith Schettler	**Title:** Electrical	**Date:** Sept 24 - 2013

Remarks:

GRD CONNECTIONS NEED to BE MADE at North & North-east Locations
C-TAP NEEDS TO be DONE After LINER REPAIR Completed (South of TANK 007)
ONLY 7 GRD CONNECTIONS ON TANK 005 VS 8 shown ON DRAWING

Note: The items listed above have been inspected and are in accordance with project drawing and specifications.

NUNA Representative: Keith Schettler **Date:** Sept 24-2013

ADCO Representative: _____ **Date:** _____

NUNA EAST LTD

Section 8
Liner Data

LAYFIELD

CERTIFICATE OF ACCEPTANCE OF SOIL SUBGRADE SURFACE

PROJECT NAME: Baffinland MRP Milne Port Fuel Upgrade.
PROJECT NUMBER: 14C-036
OWNER: Nuna Logistics
LOCATION: Mary River Nunavut TK-002 Diesel Storage Tank.

I, the undersigned, a duly appointed representative of Layfield Environmental Systems Ltd. (LESL), have visually observed the soil subgrade described below, and found it to be an acceptable surface on which to install geomembrane.

This certification is based on observations of the surface of the subgrade only. No subterranean inspections or tests have been performed by Layfield Environmental Systems, and LESL makes no representations or warranties regarding conditions which may exist below the surface of the subgrade. Layfield Environmental Systems accepts no responsibility for conformance of the subgrade to this project's specifications.

The soil subgrade accepted on this date refers to its present condition. Any changes in the subgrade condition that result from the effects of inclement weather and/or other forces beyond the control of Layfield Environmental Systems and remedial work to correct the resulting deficiencies, will be the direct responsibility of the General Contractor.

Area Being Accepted: I found it to be an acceptable surface on wich to install geomembrane "32m x 32m" Aprox.

LAYFIELD ENVIRONMENTAL SYSTEMS REPRESENTATIVE:

Date: 04 June 2013
Signature:
Name: Yonatan Espindola
Title: Supervisor

OWNERS REPRESENTATIVE:

Date: June 5/2013
Signature:
Name: Kyle Kuntz
Title: Ass.t PM.
Company: NUNA.

LAYFIELD GEOMEMBRANE DEPLOYMENT LOG TK-002 DS TANK

PROJECT NUMBER: 14C-036
PROJECT TITLE: Port Fuel Upgrade.
OWNER: Baffinland
CONTRACTOR: Nuna Logistics
LOCATION: Mary River Nu.

GEOMEMBRANE: (SECONDARY) (PRIMARY) CLOSURE OTHER

SUBGRADE CONDITION (SURFACE COMPACTION, PROTRUSIONS, DESICCATION, EXCESSIVE MOISTURE):

REMARKS: installation of Hazhard 585. with under lay of LP 12 Geotextile.

DATE: 06 June 2013
SHEET NUMBER: 1

DEPLOYMENT EQUIPMENT:

DESCRIPTION	PANEL LOCATION REFERENCE * NUMBER #6	PANEL LOCATION REFERENCE * NUMBER #4	PANEL LOCATION REFERENCE NUMBER
PANEL/ROLL NUMBER	571251	8U # Damage.	
DEPLOYMENT LENGTH	29.26m x 30m	29.26m x 30m	
AMBIENT AIR TEMP.	-2°C	4°C	
VISUAL OBSERVATION	Good	Good label Damage.	
OBSERVED OVERLAP		6"	
CHECKED BY	Y.E	Y.E	
ADJACENT PANEL	N= S= E= W=	N= S= E= W=	N= S= E= W=

DESCRIPTION	PANEL LOCATION REFERENCE NUMBER	PANEL LOCATION REFERENCE NUMBER	PANEL LOCATION REFERENCE NUMBER
PANEL/ROLL NUMBER			
DEPLOYMENT LENGTH			
AMBIENT AIR TEMP.			
VISUAL OBSERVATION			
OBSERVED OVERLAP			
CHECKED BY			
ADJACENT PANEL	N= S= E= W=	N= S= E= W=	N= S= E= W=

DESCRIPTION	PANEL LOCATION REFERENCE NUMBER	PANEL LOCATION REFERENCE NUMBER	PANEL LOCATION REFERENCE NUMBER
PANEL/ROLL NUMBER			
DEPLOYMENT LENGTH			
AMBIENT AIR TEMP.			
VISUAL OBSERVATION			
OBSERVED OVERLAP			
CHECKED BY			
ADJACENT PANEL	N= S= E= W=	N= S= E= W=	N= S= E= W=

DESCRIPTION	PANEL LOCATION REFERENCE NUMBER	PANEL LOCATION REFERENCE NUMBER	PANEL LOCATION REFERENCE NUMBER
PANEL/ROLL NUMBER			
DEPLOYMENT LENGTH			
AMBIENT AIR TEMP.			
VISUAL OBSERVATION			
OBSERVED OVERLAP			
CHECKED BY			
ADJACENT PANEL	N= S= E= W=	N= S= E= W=	N= S= E= W=

* - EXISTING PANELS ON SITE FROM 2011

SUBMITTED BY: Y.E
DATE: 12 Jun 2013

LAYFIELD

GEOMEMBRANE TRIAL SEAM LOG

PROJECT NUMBER: 14G 036

PROJECT TITLE: Port Fuel Upgrade. TK-002 DIESEL STORAGE TANK

OWNER: Baffinland

CONTRACTOR: Nuna

LOCATION: Mary River NU

SHEET NUMBER: 1

_____ TF - # FUSION ✓ TX - # = EXTRUSION _____ TS - # = SOLVENT

SAMPLE NUMBER	APPROX. TIME & DATE 2013	WELDING MACHINE NUMBER	WELD TECH.	TEMPERATURES: AMBIENT AIR TEMP.	TEMPERATURES: PREHEAT OR MACHINE SPEED	TEMPERATURES: EXTRUDER	TEMPERATURES: WEDGE TEMP.	TEST RESULTS: INSIDE PEEL MODE / STRENGTH	TEST RESULTS: OUTSIDE PEEL MODE / STRENGTH	TEST RESULTS: SHEAR MODE / STRENGTH	PASS OR RETEST	CHECKED BY	REMARKS
TX 1	07 June 12:30	Prox 14	Y.E	10 °C	450 °F	450 °F	N/A	77/ 179/ 175 176/ / /	/ / / / / / / /	77 / 179	Pass	Y.E	
TX 2	08 June 11:30	Prox 14	Y.E	15 °C	450 °F	450 °F	N/A	83/ 183/ 180 179/ / /	/ / / / / / / /	84 / 183	Pass	Y.E	
TX 3	09 June 11:00	Prox 14	Y.E	12 °C	450 °F	450 °F	N/A	78/ 181/ 172 176/ / /	/ / / / / / / /	78 / 177	Pass	Y.E	
								/ / / / / / / /	/ / / / / / / /	/ /			
								/ / / / / / / /	/ / / / / / / /	/ /			
								/ / / / / / / /	/ / / / / / / /	/ /			
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								/ / / / / / / /	/ / / / / / / /	/ /			

SUBMITTED BY: Y.E

DATE: 12 June 2013

LAYFIELD

GEOMEMBRANE DEFECT / REPAIR LOG

PROJECT NUMBER: 14C-036

PROJECT TITLE: Port Fuel Upgrade TK-002 DIESEL STORAGE TANK

OWNER: Baffinland

CONTRACTOR: Nuna

LOCATION: Baffinland NU

SHEET NUMBER: 1

DEFECT CODE	LOG DATE	DEFECT LOCATION: SEAM OR PANEL NO.	DEFECT LOCATION: DESCRIPTION	DEFECT TYPE	REPAIR TYPE	WELD TECH.	REPAIR DATE 2013	REMARKS **	TEST DATE 2013	CHECKED BY
1A		P-1 P-2	South, west, east of the Panel	ES	GW	Y.E	07 June		07 June	Y.E
1B		P-1 P-2	North, west, East of the Panel.	ES	GW	Y.E	08 June		08 June	
1C		P-2	ES EO the panel.	SI	GW	Y.E	09 June		09 June	
1D		P-2/3rd Panel	1.5m EEOS and 1.0m S	ST	GW	Y.E	09 June	P-2 30m x 29.26m	09 June	
1E		P-2 Panel 6	2m EEOS 1m 1.5oth.	ST	GW	Y.E	09 June	P-2 30m x 29.26m	09 June	

DEFECT TYPE: AD - ANIMAL RELATED DAMAGE; B - UNDISPERSED RESIN BEAD; BO - FUSION WELDER BURN; BS - BOOT/SKIRT FROM FML PENETRATION; CO - CHANGE OF OVERLAP; CR - CREASE; D - INSTALLATION DAMAGE; DS # - DESTRUCTIVE TEST NUMBER; EE - EARTHWORK EQUIPMENT DAMAGE; EXT - EXTENSION; FM - FISHMOUTH; FS - FAILED SEAM LENGTH; FTS - FIELD TEST STRIP; HT - HEAT TACK BURN; IO - INSUFFICIENT OVERLAP (UNDER SPEC.); MD - MANUFACTURER/DELIVERY DAMAGE; PT - PRESSURE TEST CUT; SI - SOIL SURFACE IRREGULARITY; SL - SLAG ON TEXTURED SHEET; T - THREE PANEL INTERSECTION; VL - VACUUM TEST LEAK; WR - WRINKLE; WS - WELDER RESTART; OTHER: ES Extrusion seam.

REPAIR TYPE: P - PATCH, C - CAP, RS - RECONSTRUCTED SEAM, G&W - GRIND/WELD

PASSING TRIAL SEAMS		
NO.	TIME	TECH ID.
Tx1	12:30	Y.E
Tx2	11:30	Y.E
Tx3	11:00	Y.E

** COLUMNS TO BE USED BY THE PROJECT SUPERVISOR OR LEAD TECHNICIAN ONLY.

SUBMITTED BY: Y.E

DATE: 12 June 2013

LAYFIELD

GEOMEMBRANE VACUUM / AIR LANCE TEST LOG

PROJECT NUMBER: 146.036 **PROJECT TITLE:** Port Fuel Upgrade TK-002 DIESEL STORAGE TANK

OWNER: Baffinland MRP **CONTRACTOR:** None

LOCATION: Mary River NU **DATE:** 07 June 2013.

VACUUM BOX ✓ **AIR LANCE** _____ **SHEET NUMBER:** _____

SEAMS								REPAIRS					
SEAM NUMBER	SEAM SECTION * FROM - TO	TEST DATE	TECH ID	DEFECTS **	SEAM COMPLETE NO | YES	CHK'D BY	REMARKS **	DEFECT CODE	2013 TEST DATE	TECH ID	DEFECTS **	CHK'D BY	REMARKS **
	-							1A	07	Y.E		Y.E	
	-							1B	08	Y.E		Y.E	
	-							1C	09	Y.E		Y.E	
	-							1D	09	Y.E		Y.E	
	-							1E	09	Y.E		Y.E	
	-												
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* REFERENCE SEAM ENDPOINTS FROM AN END OF SEAM (EOS), A REPAIR NUMBER, OR A POINT LOCATION ON THE SEAM

** RECORD QUANTITY OF LEAKS DETECTED AND REFERENCE NEW DEFECT CODE IN REMARKS

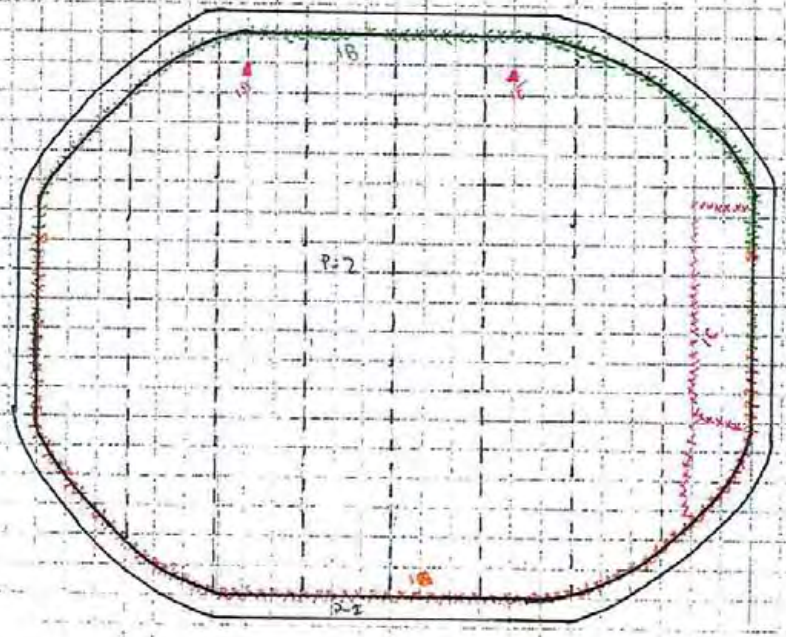
LS FORM 6

LAYFIELD ENVIRONMENTAL SYSTEMS

SUBMITTED BY: Y.E

DATE: 12 June 2013

NO.	REVISIONS	DATE (MM/DD/YY)	BY



PROJECT NAME
BAFFINLAND NRP
PORT FUE UPGRADE
TK-002 DIESEL
STORAGE TANK

MATERIAL TYPE
HAZGARD 535

LAYFIELD
ENVIRONMENTAL SYSTEMS LTD.

LEGEND
- EXTENT OF LINER
- TOE OF SLOPE
- LINER FIELD SEAM
- XXX EXTRUSION WELDING
- △ PATCH
- P2 PANEL NUMBER
- 1A REPAIR NUMBER

Quote No.	PROJECT No.
1	140-036

DWG: OF	SCALE:
DRN: YE	CHD: / APP:
DATE 12/06/13	REVISION

CERTIFICATE OF FINAL INSPECTION AND ACCEPTANCE

PROJECT NAME: Baffinland MRP MILNE Port Fuel Upgrade
PROJECT NUMBER: 146-036 **DATE:** 09/June/2013
OWNER: NUNA LOGISTICS
LOCATION: Baffinland/ Nu. TK-002 DIESEL STORAGE TANK

Scope of Installation(s): THE WORK
Installation of under lay LP12 Geotextile and two layer of HAZGARD 535 and Testing completed. 1/2 of the over lay LP12 Geotextile.

Part 1 – LAYFIELD ENVIRONMENTAL SYSTEMS LTD.

I, Yonatan Espindola, a duly appointed representative of Layfield Environmental Systems Ltd. (LESL), have visually observed the installations (as outlined above), and have found the Work to be complete and free of defects and declare that the Work was completed in accordance with the project specifications, Layfield Environmental Systems' QC program and the terms and conditions of the contract.

Layfield Environmental Systems Representative:
Name: Yonatan Espindola
Title: Supervisor
Date: 09 June 2013 **Signature:**

Part 2 – OWNER (or Representative)

I, Kyle Kuntz, a duly appointed representative of NUNA, do hereby take over and accept the installation(s) described above, and confirm that the work has been completed in accordance with the project specifications and the terms of the conditions of the contract.

I have evaluated and measured the work together with the Layfield Environmental Systems representative, and agree that the measurements shown are both true and correct, and that the installation has met our approval.

Owners Representative:
Name: Kyle Kuntz
Title: Asst PM
Company: NUNA
Date: June 9/13 **Signature:**

Comments:

NUNA EAST LTD

Section 9
Material Test Reports

Dow Chemical Canada ULC
Canada

June 10, 2013

Mr. Paul Mutter
Merkley Supply Ltd.
100 Bayview Road
Ottawa, ON K1Y 4L6

E-mail: paul.mutter@merkleysupply.com

RIGID EXTRUDED POLYSTYRENE MATERIAL CERTIFICATION OF COMPLIANCE FOR BAFFIN ISLAND/NUNA LOGISTICS PROJECT

Dear Paul:

This letter certifies that the STYROFOAM™ HI-60 rigid extruded polystyrene insulation lots listed below meet or exceed our specification for STYROFOAM™ HI-60 product in Attachment 1. Moreover, the STYROFOAM™ HI-60 meets and exceeds the requirements of CAN/ULC S-701-01 "Standard for Thermal Insulation, Polystyrene Boards, and Pipe Coverings" Type 4.

Compliance to the specification shown in Attachment 1 applies to:
Production Lot #':
1H240202 – 2" HI-60 shipped from Merkley Supply Limited stock

The summary of our STYROFOAM™ HI-60 specifications and the measured values are titled in the attached table. Please realize that the manufacturing of STYROFOAM™ Brand Insulation is a continuous and constantly monitored process. Explaining notes to that effect are included at the bottom of the attached table. Additional characteristics of the product are included in Attachment 2.

Material from the above mentioned lot # was manufactured at the following Dow Plant Location:
4445 Marie Victorin
Varennes, Québec Canada J3X 1T3

Please do not hesitate to contact me if you have any further questions.

Regards,

Brian Baird
Senior Account Manager
Dow Building Solutions

Mailing Address
3298 Hargrove Road
Mississauga, ON L5L 4E9
905/820-7400 - Phone
800/807-4312 – Fax
bkbaird@dow.com

918340 061013A:BKB\lb

Attachments

Attachment 1

Specifications	STYROFOAM™ HI-40 1" & 1.5"	Note
Type CAN/ULC S701-01	Type 4	
Thermal resistance R-value per inch Metric RSI ASTM C-518-91, C-177-85	5-R per inch RSI-0.87	1
Compressive strength (min) Metric ASTM D1621	60 (lb/in^2) 415(kPa)	1
Water absorption (% by volume) max. ASTM D2842	0.7	1
Water vapor permeance max. (perm) Metric ASTM E96	0.6 perms 35 $ng/pa.s.m^2$	1
Co-efficient of linear thermal expansion. Metric. ASTM D696	3.5 ($x10^5 in/in.\ °F$) 0.063 mm/m/°C	
Width (inches) ASTM D1622	24" +/- 1/16"	
Length (inches) ASTM D1622	96" +/- 3/16"	
Thickness (inches) ASTM D1622	1" or 1.5" +/- 1/16"	

Notes:

1. Dow manufactures extruded polystyrene insulation in a continuous monitored process. The key manufacturing properties of cell size, density, blowing agent content, and fresh compressive strength are kept within established upper and lower control limits for that particular product. This ensures that the final aged product properties will meet or exceed the published properties listed in Attachment 1.

2. Dow testing of extruded polystyrene is performed at the Standard Council of Canada accredited facility located at:
   The Dow Chemical Company
   200 Larkin Center, 1605 Joseph Drive
   Midland, MI 48674

Attachment 2

Additional Product Characteristics – STYROFOAM™ HI-60 Extruded Polystyrene

Flammability:
In Accordance with CAN/ULC S102.2 Test Method
Flame Spread: 155
Smoke Developed: Over 500

Chemical Resistance:

Chemical Resistance(1) of STYROFOAM DECKMATE Insulation			
Acid inorganic, weak	Excellent	Salts	Excellent
Acid, inorganic, strong	Excellent	Insecticides	Not recommended
Acid, organic, weak	Excellent	Kerosene	Poor
Acid, organic, strong	Good	Mineral oil USP	Excellent
Bases	Excellent	Naphtha (VMP)	Not recommended
Alcohols, including isopropyl alcohol	Excellent	Turpentine	Not recommended
Methyl ethyl ketone	Not recommended	Beer	Good
Polyglycols, including propylene glycol	Excellent	Gasoline	Not recommended
Hydrocarbons	Not recommended	Fruit juices	Good

(1) Explanation of ratings:
Excellent = The plastic was unaffected for the duration of the test.
Good = A very slight clouding or discoloration of the plastic.
Poor = Considerable change in plastic during exposure.
Not recommended = Severe attack of the plastic. Became soft and unusable after a few hours of exposure.
NOTE: This table should be used as a guide only. For design purposes, specific test data on the intended application may be needed.

Biological Resistance:
Resists biological degradation by organisms or enzymes.

Environmental:
Inert, non-nutritive, is highly stable, and is non-regulated by WHIMIS, therefore, does not produce any undesirable gases or leachate.

Ultra-Violet Degradation Resistance:
The prolonged exposure of STYROFOAM™ brand insulation products and other polystyrene foam insulations to sunlight's UV radiation will cause deterioration of the exposed surface. This will manifest itself by the formation of a yellowish, dusty surface. Once formed, this dusty surface will act as a protective screen preventing further deterioration of the insulation's exposed surface. This screen will be effective provided the deteriorated surface remains undisturbed. Sunlight will not affect the material underlying the deteriorated surface.

Following installation or while in storage, STYROFOAM™ brand insulation products can be protected from the effects of sunlight's UV radiation by the use of coverings such as tarps, building paper or other sheathing membranes or light coloured latex paints.

LAYFIELD

Geomembranes

HAZGARD

Product Description

Since 1989 Layfield has been effectively using HAZGARD® 100 & 250 for many secondary containment applications. Both the unsupported HAZGARD® 100 and the supported HAZGARD® 250 share the same PVC alloy polymeric coating. HAZGARD® 100 is highly flexible and easily solvent weldable making it ideal for contractor installs in applications such as under building vapor barriers, soil remediation pads and cut-off curtains. HAZGARD® 250 is also highly flexible and solvent weldable and can be left exposed to the elements. HAZGARD® 5000 HT is Layfield's strongest supported geomembrane and is formulated to withstand continuous temperatures up to 90 C (194 F) and to contain hydrocarbons at elevated temperatures in the event of a spill. For more information on High Temperature resistant liners see the section on Layfield High Temp liners. HAZGARD® 1000 is an excellent secondary containment liner for strong solvents such as benzene, toluene and xylene. HAZGARD® 535 is Layfield's manufactured secondary containment material.

HAZGARD Material Properties

6 Jun 2012	HAZGARD® Minimum Material Properties					
Style	**ASTM**	**HAZGARD 100**	**HAZGARD 250**	**HAZGARD 535**	**HAZGARD 1000**	**HAZGARD 5000HT**
Thickness (Nominal)	D1593	30 mil 0.75 mm	38 mil 0.95 mm	35 mil 0.88 mm	27 mil 0.68 mm	30 mil 0.75 mm
Thickness Minimum	D1593	28.5 mil 0.72 mm	36 mil 0.91 mm	33 mil 0.84 mm	26 mil 0.65 mm	30 mil 0.75
Tensile Strength	D882[1] D751[2]	57 ppi[1] 10 N/mm	180 lbs[2] 800 N	300 lbs[2] 1330 N	350 lbs[2] 1555 N	600 lbs[2] 2700 N
Elongation	D882[1] D751[2]	450 %[1]	25%[2]	1000 %[2]	25 %[2]	25%[2]
Tear Strength	D1004[1] D751B[2]	6 lbs[1] 26.7 N	22 lbs[2] 98 N		150 lbs[2] 667 N	125 lbs[2] 556 N
Low Temperature	D1790[1] D2136[2]	-22°F[1] -30°C	-22°F[2] -30°C	-40°F[1] -40°C	-45°F[2] -43°C	-22°F[2] -30°C

Note: Superscript numbers indicate the test methods used for each material.

Shop Seam Strengths

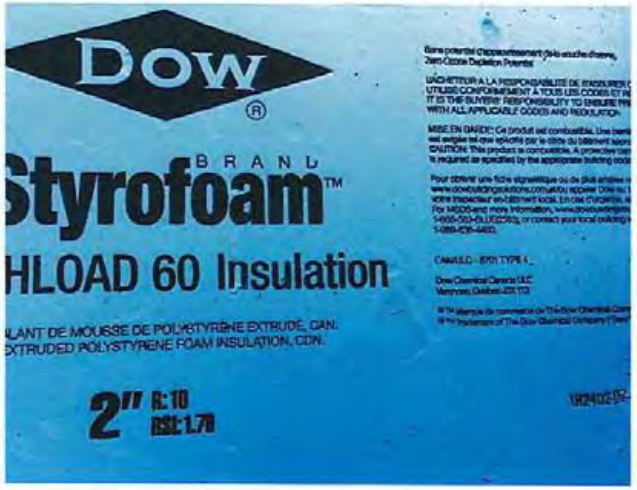
20 Dec 2011	HAZGARD® Minimum Shop Seam Strengths					
Style	**ASTM**	**HAZGARD 100**	**HAZGARD 250**	**HAZGARD 535**	**HAZGARD 1000**	**HAZGARD 5000HT**
Heat Bonded Seam Strength	D6392 25 mm 1" Strip	37 ppi 6.5 N/mm	100 ppi 17.5 N/mm	55 ppi 9.6 N/mm	100 ppi 17.5 N/mm	210 ppi 36.8 N/mm
Heat Bonded Peel Adhesion Strength	D6392 25 mm 1" Strip	19 ppi 3.3 N/mm	20 ppi 3.5 N/mm	45 ppi 7.9 N/mm	15 ppi 2.6 N/mm	20 ppi 3.5 N/mm

Field Seam Strengths

20 Dec 2011	HAZGARD® Minimum Field Seam Strengths					
Style	**ASTM**	**HAZGARD 100**	**HAZGARD 250**	**HAZGARD 535**	**HAZGARD 1000**	**HAZGARD 5000HT**
Heat Bonded Seam Strength	D6392 25 mm 1" Strip	Solvent 28 ppi 5.0 N/mm	80 ppi 14 N/mm	55 ppi 9.6 N/mm	80 ppi 14 N/mm	140 ppi 24.5 N/mm
Heat Bonded Peel Adhesion Strength	D6392 25 mm 1" Strip	Solvent 10 ppi 1.7 N/mm	15 ppi 2.6 N/mm	45 ppi 7.9 N/mm	15 ppi 2.6 N/mm	15 ppi 2.6 N/mm

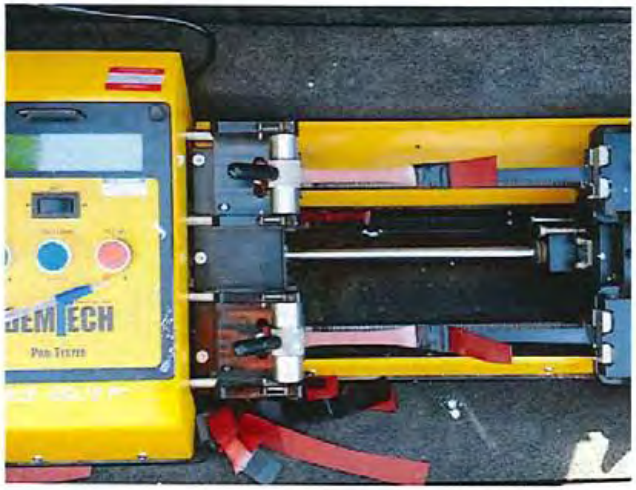
NUNA EAST LTD

Section 10
Construction Pictures


DOW
BRAND
Styrofoam™
HLOAD 60 Insulation
2" R:10
RSI:1.76


STRAIN: 83 %: 971
STRAIN: 82 %: 951
SPD: 2 in/min
-- Press STOP to halt.
JOG


HAZCARD®
535



















NUNA EAST LTD

Section 11
Signature Log

Signature Log

Name (Print)	Job Title	Company	Signature	Initials	Date Signed
BRADFORD WATKIN	QUALITY MANAGER	NUNA			6/10/13
Kyle Kuntz	ASST PM	NUNA		KK	6/10/13
Bill Stewart	Foreman	NUNA			6/10/13
Marlon Coakley	CM	Hatch		MC	6/11/13
MIKE PRICE	Project Coordinator	Nuna		MP	06/13/13
Leonard Nowoventy	C.S.	HATCH			08/06/13
JORDAN GUNTER	SUPERINTENDENT	NUNA		JG	08/06/13

Vendor Review Stamp

HATCH	VENDOR DATA REVIEW		
Doc Number	E349000-YX001-00-124-0004	Sub	01
Date Received			

Review Grade	Next Submittal Status
☐ C1 – Proceed to next submission & status	☐ Internal Review ☐ Certified Final ☐ Final ☐ As-Built
☐ C2 – Proceed with exceptions as noted to next submission & status	Next Submittal Date:
☐ C3 – Do not proceed, revise as noted & resubmit	
No further submission required - Complete ☐	
☐ C4 - No further submission required - Cancelled ☐	
No further submission required - Superseded ☐	

Package Coordinator: Name, signature and Date:

REVIEWED ONLY FOR GENERAL CONFORMITY WITH THE SPECIFICATIONS. ACCEPTANCE BY THE ENGINEER DOES NOT WARRANT OR REPRESENT THAT THE INFORMATION CONTAINED ON THIS DRAWING/DOCUMENT IS EITHER ACCURATE OR COMPLETE. THE SOLE RESPONSIBILTY FOR CORRECT DESIGN, DETAILS & DIMENSIONS SHALL REMAIN WITH THE PARTY SUBMITTING THE DRAWING/DOCUMENT.

NUNA

NUNA EAST LTD

Job # 2611.2
BIM 2.3.1.11

Tank Farm
Containment Dyke Extension
Milne Port

NUNA EAST LTD

Job # 2611.2
BIM 2.3.1.11

Tank Farm
Containment
Dyke Extension

Milne Port

Mary River
Project
ERP

NUNA EAST LTD

Section 1

Completion of Construction Declaration

NUNA EAST LTD

COMPLETION OF CONSTRUCTION

DECLARATION

NOTE: This declaration shall be completed and signed by the person responsible, in whole or part, for the construction, installation, testing and inspection of the project indicated below.

1. **Owner of the facility:** Baffinland Iron Mines Corp.
2. **Contractor:** Nuna East Ltd.
3. **Construction:** Job # 2611.2 BIM 2.3.1.11 Tank Farm Containment Dyke Extension
4. **Location:** Milne Port
5. **Description:** Aggregate Fuel Tank Farm Dyke

STATEMENT OF COMPLIANCE

I, the undersigned, declare that the described project complies in all respects with the regulations and codes for construction, installation, testing and inspection of the above listed construction and all applicable turn over documentation has been forwarded to the owner.

(Signature)	Bradford Watkin (Name)	Quality Manager (Title)	10/7/13 (Date)
Nuna East Ltd (Company)	9839 - 31 Avenue, (Address)	Edmonton, AB, T6N 1C5 (City, Postal Code)	

NUNA EAST LTD

Section 2

Inspection & Test Plan

QUALITY CONTROL
INSPECTION and TEST PLAN
(Aggregate Construction)

Client: Baffinland Iron Mines ERP-Hatch Engineering			**Revision:** 0
Job No.: 2611.2 BIM Ref # 2.3.1.11	**Contract No.:** H34900-CC001	**P.O. No.:**	**Date:** June 7, 2013
Item/Description: Milne Port-Tank Farm Containment Dyke Extension.	**Drawing No.(s):** See page 22		**PID No.(s):** N/A

Legend:
H: A mandatory hold on manufacturer until release by inspector or official waiver from client.
M: Inspection stage by inspector on a spot basis, but not a mandatory hold point.
HR: A mandatory review and acceptance/approval of specified document.
W: To be informed and invited to inspect. Fabrication to continue if inspector does not attend.
R: Review of test report/certifications.
A: Audit (Review at Random).

Activity. No.	QUALITY RELATED ACTIVITY	REFERENCE DOCUMENTS	ACCEPTANCE CRITERIA	DOCUMENT CERTIFICATION REQUIRED	NUNA			HATCH			BIM		
					Hold	Sign	Date	Hold	Sign	Date	Hold	Sign	Date
01.	Verify Engineering Aggregate Specifications.	Quarried Fill Materials Section: S31 12 13, IFC Engineered Design Drawings.	As per "IFC" Drawings and Specification.	IFC Work Package.	H	BW	6/7/13		TB	26/06/13			
02.	Sampling of Crusher produced material meets specification. • Type 7 (-32mm Clear). • Type 5 • -2mm crusher fines. • Type 8 Varies (Jaw run150mm minus)	Quarried Fill Materials Section: S31 12 13, IFC Engineered Design Drawings.	As per "IFC" Specifications.	Initialed ITP, Statement of Compliance to Engineering Specification Form.	H	BW	6/7/13		TB	26/06/13			
03.	Area of works Survey complete.	IFC Engineered Design Drawings.	As per "IFC" Drawings.	Initialed ITP, Survey Report.	H	BW	6/7/13		TB	26/06/13			

QUALITY CONTROL
INSPECTION and TEST PLAN
(Aggregate Construction)

Client: Baffinland Iron Mines ERP-Hatch Engineering | **Revision:** 0

Job No.: 2611.2 BIM Ref # 2.3.1.11 | **Contract No.:** H34900-CC001 | **P.O. No.:** | **Date:** June 7, 2013

Item/Description: Milne Port-Tank Farm Containment Dyke Extension. | **Drawing No.(s):** See page 22 | **PID No.(s):** N/A

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R: Review of test report/certifications.
A: Audit (Review at Random).

Activity No.	QUALITY RELATED ACTIVITY	REFERENCE DOCUMENTS	ACCEPTANCE CRITERIA	DOCUMENT CERTIFICATION REQUIRED	NUNA			HATCH			BIM		
	Tank Farm Floor												
04.	New Tank Farm Sub-grade excavation completed. • Type 1 • Excavation limits varies per drwg. cross-sections. • Proof rolling. • Finished base to be +/- 25 mm of established grade and cross section but not uniformly high or low.	Excavation Section: S31 23 16, Subgrade Preparation Section: S31 23 13 IFC Engineered Design Drawings.	As per "IFC" Drawings and Specifications.	Initialed ITP, Survey Report.	H	KK 6/27/13			FB	6/28/13			
05.	Placement of Geotextile liner completed (Lower). • Non-woven.	Geotextiles Section: S31 05 19.13 IFC Engineered Design Drawings.	As per "IFC" Drawings and Specification.	Initialed ITP, sub-contractor documentation.	H	KK	6/7/13			04/07/13			
06.	Placement of Type 8 (Jaw run 150mm minus) crush completed. • 200mm lift.	Quarried Fill Materials Section: S31 12 13 Placement of Fill Section: S31 12 12 IFC Engineered Design Drawings.	As per "IFC" Drawings and Specification.	Initialed ITP, Survey Report.	H	KK	6/7/13			04/07/13			
07.	Compaction of Type 8 (Jaw run 150mm minus) crush completed.	Quarried Fill Materials Section: S31 12 13 Placement of Fill Section: S31 12 12 IFC Engineered Design Drawings.	As per "IFC" Drawings and Specification.	Initialed ITP.	H	KK	6/7/13			04/07/13			