WATER LICENCE INSPECTION FORM

☒ Original
☐ Follow-Up Report

Licensee	Licensee Representative
Bonito Capital Corps	-
Licence No. / Expiry	**Representative's Title**
2BM-ULU1520	-
Land / Other Authorizations	**Land / Other Authorizations**
-	-
Date of Inspection	**Inspector**
15/07/2015	Eva Paul

Activities Inspected

☒ Camp ☒ Drilling ☐ Mining ☐ Construction ☐ Reclamation ☒ Fuel Storage
☐ Roads/Hauling ☐ Other: ☐ Other:

Conditions: **A - Acceptable** **C - Concern** **U - Unacceptable** **NA – Not Applicable** **NI – Not Inspected**

Water Use	Condition	Comment	Site Conditions	Condition	Comment	Haz/Mat Management	Condition	Comment
Intake/Screen	NI		Water Management Structures	C	4	Storage	U	2
Flow Measure. Device	NI		Culverts / Bridges	C	5	Spills	U	3
Source: West Lake	A		Drainage	C	5	Spill Plan	U	3
Water Use:	NA		Erosion / Sediment	U	5			
Recirculation (y /n)	NA		Mitigation Measures	U	6	**Administrative**		
			Reclamation Activities	U	7	Records	C	9
			Materials Storage	A		Reports	U	10
Waste Disposal			Signage	NI		Plans	U	11
Waste Water	NI					Notifications	NI	
Solid Waste	U	1	**Monitoring**			**Other**		
Hazardous Waste	U	1,2	Sample Collection / Analysis	C	8			

**The number in the comments field will correspond with specific comments provided below.*

Samples taken by Inspector:	Location(s): Water samples taken at ULU-1 (West Lake) and at a puddle below the Ore stockpile (ULU-8 (N66 54 18.8 W110 58 16.7)). Soil samples taken from the hydrocarbon trail flowing from the refueling pad (N66 54 30.8 W110 57 54.1).
☒ Yes ☐ No	

SECTION 1 ☒ **Comments** (s.1) ☒ **Non-Compliance with Act or Licence** (s.2) ☒ **Action Required** (s.3)

I conducted an inspection of the Ulu site on July 15, 2015. No one was present at site at the time of the inspection. Salient issues from past inspections will be referenced in the comments below, and include the following:

2013 and 2014 - uncovered and uncontained hazardous waste (eg-mine storage pad)
2014 – spills unaddressed, particularly off the fuel storage pad
2013 – restoration of drill sites (cut or remove casings)
2013 – waste and waste storage areas to be clearly identified

1. Waste and waste storage areas remain unidentified and waste (particularly potentially-hazardous waste) is not being stored according to the Waste Management Plan. Unmarked barrels of unidentifiable waste (with staining underneath) remain to the east of the helipad [Photos 1 and 2] and at the mine storage pad [Photo 3]. Three barrels containing a salt-like substance were noted beside the road to the west of the main site [N66 54 26.3 W110 58 21.3][Photo 4]. All barrels containing hazardous, or unknown (potentially hazardous) waste need to be moved into containment, at a minimum, until proper disposal. A comparison from 2014 to 2015 does show that LMI has moved some barrels into the main tank farm berm and/or the fuel storage pad/apron [Photos 5 and 6].
2. While the 2014 Annual report states that: "*Relocated barrels of contaminated soils from the mine storage pad to the lined barrel storage next to the camp fuel farm…*"; and correspondence from Mr. Downey on December 9, 2014 indicates in separate comments that "*All the fuel is in now within the containment area*" and that "*All barrels have been moved to the containment area*", there remain several barrels of hazardous waste and contaminated soil at the mine storage pad. Specifically noted were fuel filters, oily waste, metals and soil [Photos 3, 6, 7 and 8]. The comparison of overhead photos from 2014 to 2015 shows that some barrels were removed, however, several yet remain, and no cleanup of the contamination below this waste stockpile was undertaken. The barrels remain uncovered, partially filled with water, and at risk of overtopping and causing the spread of contaminated water and leachate. In addition to the mine storage pad, the fuel storage pad/apron remains an issue. A mixture of new and old fuels and waste are stored on this pad, and while the pad is lined, it is evidently not containing the hydrocarbons spilled within it (as noted in 2014) [Photos 9-11]. It might have served as a temporary mitigation measure; however, it is proving now to be a problem, and it does not meet the licence's definition of secondary containment (*see definition provided in the licence 2BM-ULU1520*).
3. Spills are not being addressed in accordance with the Spill Contingency Plan or the Licence. The contamination spreading from the fuel storage pad/apron was raised as an issue in 2014, and has worsened since that time. Surface samples were taken at the time of this inspection confirming that the visible trail is caused by the spread of hydrocarbons. A comparison of the area from 2013 to 2015 [Photos 9-11] shows the pooling of hydrocarbon at the low end of the pad, and the progression of the spread of contamination leaving the pad.

4. The liner for the Retention Pond has slipped on the east side and much of the liner is exposed. As identified in the geotechnical inspection, it is not an immediate issue unless that pond is required for use.
5. Wash-outs were noted along the road between the airstrip and camp, particularly in two areas that appear to be drainages with culverts [Photos 12-13]. Sediment trails are evident; no sediment control measures were visible.
6. Mitigation measures are not being implemented to limit the impacts of this site on the receiving environment: monitoring activities, implementation of the spill contingency plan, sediment control measures etc.
7. Drill holes have not been restored to pre-disturbance conditions. Numerous drill collars are visible in the vicinity of the site. This was identified in the 2013 inspection and has not yet been addressed.
8. No monitoring reports have been filed on the NWB FTP site since March 2015. It is my interpretation of 2BM-ULU1520, Schedule J, that monitoring of ULU-7 and ULU-8 is to be conducted even when the site is inactive (twice in the open-water period), and reports submitted within 30 days.
9. On January 16 and 19, 2015, I requested clarification on several aspects of the 2014 activities as reported in the August and September reports. I do not have a response on file. I requested clarification on the actual activities that were conducted, how domestic waste was treated, and the volume of water used. As reported, water usage for September 2014 exceeds the licenced amount of 100m^3 per day.
10. Despite the requirement for monthly monitoring at stations ULU 8-through-11, no 2014 monitoring results were submitted with the annual report. The annual report also offered an opportunity to provide the clarification requested by the Inspector as per (9), but no further information was provided.
11. As per Part J Item 8 of the licence, BCC was to resubmit the QA/QC plan within 60 days following licence issuance with a confirmatory letter from an accredited laboratory. I do not see this document on file.

SECTION 2 ☐ **Comments** ☒ **Non-Compliance with Act or Licence** ☐ **Action Required**

2BM-ULU1520:

C.6 and 7- The Licensee shall provide erosion and sediment control measures.

E.3- All sumps and fuel caches shall be located at a distance of at least thirty-one (31) metres from the ordinary High Water Mark of any adjacent water body and **inspected on a regular basis**.

E.4-The Licensee shall provide secondary containment for hazardous materials and fuel storage areas.

I.13-The Licensee shall restore all drill holes and disturbed areas to natural conditions immediately upon completion of the drilling or trenching. The restoration of drill holes must include the removal of any drill casing materials.

J.8- The Licensee shall, within sixty (60) days following issuance of the Licence, resubmit to the Board for review the QA/QC Plan, along with a confirmatory letter from an accredited laboratory.

SECTION 3 ☐ **Comments** ☐ **Non-Compliance with Act or Licence** ☒ **Action Required**

1. Please provide a response to my questions of January 16 and 19, 2015, by November 30, 2015.
2. The revised QA/QC plan and letter as required by the licence are to be submitted to the Board by November 30, 2015.
3. A complete list of drill holes (with GPS coordinates) associated with this project (drilled by past and current operators) is to be provided to the Inspector. Please identify any holes that are known to be reclaimed according to the terms of the licence. This list is to be provided by January 31, 2016.
4. Establishment (and regular maintenance) of sediment control measures to prevent further sediment loading of streams that have been affected by road deterioration. These measures are to be put in place at freshet 2016.
5. All hazardous (and unknown) waste is to be moved into SOUND secondary containment that meets the definition of 'secondary containment' in the current licence 2BM-ULU1520. This is to be completed by June 30, 2016.
6. All barrels of fuel are to be moved into SOUND secondary containment that meets the definition of 'secondary containment' in the current licence 2BM-ULU1520. This is to be completed by June 30, 2016.
7. Spills are to be reported and addressed according to the approved Spill Contingency Plan. Steps are to be taken to a) stop the flow of hydrocarbons from the fuel storage pad, b) prevent any further migration of hydrocarbons down-slope from the fuel storage pad, and c) remediate the affected area. This work is to be completed by July 31, 2016 and a confirmatory report submitted to the inspector by August 15, 2016.

Licensee or Representative	**Inspector's Name**
-	Eva Paul
Signature	**Signature**
-	*Sent electronically*
Date	**Date**
-	20/10/2015

CC: Phyllis Beaulieu, Manager of Licensing, NWB
Erik Allain, Manager of Field Operations, AANDC
Tannis Bolt, Project Officer, Kitikmeot Inuit Association

Att: Photo Log – July 15, 2015

PHOTO LOG

Date	Camera	Inspector	Authorization
July 15, 2015	SONY DSC-HX50V	Eva Paul	2BM-ULU1520

Photo Log # 1	Location (NAD 83 DD MM SS.SS)	
Photo DSC03429	N66 54 29.8	W110 57 49.3

Description: Barrels of unknown waste and staining on the ground found east of the heli-pad.

Photo Log # 2	Location (NAD 83 DD MM SS.SS)	
Photo DSC03434	N 66 54 29.7	W110 57 49.5

Description: Unknown waste east of the heli-pad.

Photo Log # 3	Location (NAD 83 DD MM SS.SS)	
Photo DSC03446	N66 54 22.5	W110 58 8.9

Description: Barrels and staining of the ground seen at the mine storage pad. See Photos 5 and 6 for aerial extent.

Photo Log # 4	Location (NAD 83 DD MM SS.SS)	
Photo DSC03488	N66 54 26.3	W110 58 21.3

Description: One of three barrels of a salt-like substance found by the road at the above coordinates.

Photo Log # 5	Location (NAD 83 DD MM SS.SS)	
Photo DSC00536	N	W

Description: Aerial photo of the mine storage pad taken July 13, 2014 by Eva Paul.

Photo Log # 6	Location (NAD 83 DD MM SS.SS)	
Photo DSC03340	N	W

Description: 2015 aerial photo of the mine storage pad. Also see photo 3.

Photo Log # 7	Location (NAD 83 DD MM SS.SS)	
Photo DSC03447	N66 54 22.4	W110 58 09.0

Description: Waste barrels at the mine storage pad. Unknown covered waste, oil filters, pallets where waste was removed, and staining is visible on the ground.

Photo Log # 8	Location (NAD 83 DD MM SS.SS)	
Photo DSC03451	N66 54 22.1	W110 58 09.5

Description: Waste barrels at the mine storage pad. Several barrels of soil (possibly contaminated) and metal waste.

Photo Log # 9	Location (NAD 83 DD MM SS.SS)	
Photo DSC00282	N	W

Description: Fuel storage pad and main tank farm July 5 2013 (photo by Eva Paul). Some hydrocarbon trail was visible from the pad but did not catch my attention at the time.

Photo Log # 10	Location (NAD 83 DD MM SS.SS)	
Photo DSC00538	N	W

Description: Fuel storage pad July 12 2014 (photo by Eva Paul). Hydrocarbon trail from the fuel storage pad was greatly increased from the previous inspection. It was raised as an issue in the 2014 report, and BCC was instructed to remedy the spill according to the spill contingency plan.

Photo Log # 11	Location (NAD 83 DD MM SS.SS)	
Photo DSC03376	N	W

Description: Fuel storage pad and main tank farm July 15 2015. No action was taken to address the hydrocarbons leaking from this area. Samples taken during this inspection confirm that the trails are caused by hydrocarbons. Staining within and outside the pad is more extensive and trails are expanded. More barrels have been brought to the pad since the 2014 inspection.

Photo Log # 12	Location (NAD 83 DD MM SS.SS)	
Photo DSC03294	N66 51 59.75	W111 00 14.6 (*approximate, taken while flying)*

Description: Wash out on the road from site to the airstrip. Note the trail of sediment apparent on downstream side.

Photo Log # 13	Location (NAD 83 DD MM SS.SS)	
Photo DSC03295	N66 52 11.9	W111 00 14.9 (*approximate, taken while flying)*

Description: Wash out (2) on the road from site to the airstrip. Note the trail of sediment apparent on downstream side.

NWB Tools

Ida Porter <ida.porter@nwb-oen.ca>

2BM-ULU1520 REPORT OF JULY 15 2015 INSPECTION

Karyn Lewis <klewis@elginmining.com> Mon, Nov 30, 2015 at 8:45 PM
To: Eva Paul <Eva.Paul@aandc-aadnc.gc.ca>
Cc: Erik Allain <Erik.Allain@aandc-aadnc.gc.ca>, Licensing Department <licensing@nwb-oen.ca>, Tannis Bolt <projofficerkia@qiniq.com>

Hi Eva,

Please find responses on behalf of WPC Resources and Bonito Capital Corp. in regards to your email below as requested.

1. Please provide a response to my questions of January 16 and 19, 2015, by November 30, 2015.

   Was a notification sent under Part H item 1? I was very surprised to find out in the fall that the site had been active (having no record of notification), and particularly that BCC had authorized WPC Resources to use Ulu's camp.

   Please note that BCC has not resumed activities on-site and therefore did not provide notice of such. In total there was a presence at site for two weeks, 9 days in late August and 5 in early September, with the primary focus of Discovery Mining with the assistance of WPC to carry out the work as required in your inspection report. While at site WPC, on behalf of BCC, did conduct a geological assessment of the Ulu property by carrying out field investigations, reviewing technical information, and collecting soil and chip samples. BCC will notify you and the NWB if they intend to resume activities on-site in 2015 based on WPC's review of the technical information and site visit conducted in August and September of 2014.

   The August Monthly Monitoring report indicates that DMS and WPC Resources were on-site. 6,900L water was used, and Pacto toilets instead of the RBC unit. This is good. Please provide comment on how domestic waste was treated - volumes? incinerator? backhauled? etc.

   The August monthly monitoring report is correct. Included in the August monthly monitoring report, BCC reported approx. 6,900 litres of greywater produced. The greywater went into the retention pond, as directed in 2012. Domestic waste was incinerated on-site.

   The September Monthly Monitoring report is very similar. The dates were changed but the same activities are listed (except the geotech inspection). Can you be more specific as to what activities were conducted in August vs. September? As per August, please provide comment on domestic waste. Also, please clarify the volume of water - was it really 8,200L for the 5 days in September or was that a cumulative total from August?

   The September monthly monitoring report is correct. Included in the September monthly monitoring report, BCC reported approx. 8,200 litres of greywater produced. The greywater went into the retention pond, as directed in 2012. Domestic waste was incinerated on-site.

One more question regarding this summer's activities: what was done with the Pacto bags (the human waste)?

All Pacto waste for August and September was incinerated on-site.

2. The revised QA/QC plan and letter as required by the licence are to be submitted to the Board by November 30, 2015. **WPC has advised that they have submitted the QA/QC plan to the laboratory and are currently anticipating the laboratory's letter this week. Both will be submitted to the Board as soon as we receive the letter.**

3. A complete list of drill holes (with GPS coordinates) associated with this project (drilled by past and current operators) is to be provided to the Inspector. Please identify any holes that are known to be reclaimed according to the terms of the licence. This list is to be provided by January 31, 2016**. Please see the attached document with a complete list of drill holes with GPS coordinates associated with the project. As far as we are aware all holes have been reclaimed.**

4. Establishment (and regular maintenance) of sediment control measures to prevent further sediment loading of streams that have been affected by road deterioration. These measures are to be put in place at freshet 2016. **Measures will be put in place at freshet 2016 as per your request.**

5. All hazardous (and unknown) waste is to be moved into SOUND secondary containment that meets the definition of 'secondary containment' in the current licence 2BM-ULU1520. This is to be completed by June 30, 2016. **We anticipate to have this work will completed by June 20, 2016.**

6. All barrels of fuel are to be moved into SOUND secondary containment that meets the definition of 'secondary containment' in the current licence 2BM-ULU1520. This is to be completed by June 30, 2016. **We anticipate to have this work will completed by June 20, 2016.**

7. Spills are to be reported and addressed according to the approved Spill Contingency Plan. Steps are to be taken to a) stop the flow of hydrocarbons from the fuel storage pad, b) prevent any further migration of hydrocarbons down-slope from the fuel storage pad, and c) remediate the affected area. This work is to be completed by July 31, 2016 and a confirmatory report submitted to the inspector by August 15, 2016. **We anticipate having this work completed by July 31, 2016 and the confirmatory report submitted by August 15, 2016.**

Karyn Lewis
Bonito Capital Corp.
778-386-7340

From: Eva Paul [mailto:Eva.Paul@aandc-aadnc.gc.ca]
Sent: October-20-15 12:35 PM
To: Karyn Lewis; Patrick Downey
Cc: Erik Allain; Licensing Department; Tannis Bolt
Subject: 2BM-ULU1520 REPORT OF JULY 15 2015 INSPECTION
[Quoted text hidden]

Ulu Drill Holes.pdf
211K

APPENDIX A: LIST OF DRILL HOLES

The drill holes used in the resource estimate are highlighted.

Hole	East	North	Elevation	Length	Dip	Azimuth	Company
04UL-01	501199.64	7420986.80	474.08	151.00	-50.0	30	Wolfden
04UL-02	501199.96	7420987.37	474.11	175.00	-61.2	30	Wolfden
04UL-03	500984.92	7421121.13	462.42	139.00	-45.0	30	Wolfden
04UL-04	500925.97	7421121.94	461.48	160.00	-60.0	30	Wolfden
04UL-05	500926.03	7421122.21	461.46	165.50	-67.0	30	Wolfden
04UL-06	500875.80	7421135.37	461.85	199.00	-60.0	30	Wolfden
04UL-07	500875.85	7421135.53	461.83	210.00	-65.0	30	Wolfden
04UL-08	500960.03	7421081.75	462.01	169.00	-45.0	30	Wolfden
04UL-09	500959.61	7421081.04	461.98	188.00	-60.0	30	Wolfden
04UL-10	501093.15	7421014.27	470.26	204.30	-55.0	27	Wolfden
04UL-11	500668.00	7421083.00	441.00	469.00	-55.0	24	Wolfden
04UL-12	500629.00	7421017.00	441.00	601.00	-58.0	30	Wolfden
04UL-13	500932.43	7421517.75	459.48	808.00	-62.5	210	Wolfden
04UL-14	500932.56	7421518.04	459.40	889.00	-65.0	208	Wolfden
04UL-15	501144.08	7420903.87	470.23	271.00	-51.0	28	Wolfden
04UL-16	500794.00	7421096.60	457.38	298.00	-50.0	24	Wolfden
04UL-17	500793.69	7421096.21	457.33	295.00	-55.0	24	Wolfden
04UL-18	500793.65	7421095.97	457.27	323.30	-58.5	24	Wolfden
04UL-19	500668.00	7421083.00	441.00	517.00	-58.0	27	Wolfden
04UL-20	501098.65	7420928.58	473.71	300.40	-50.0	27	Wolfden
04UL-21	501025.63	7420899.46	468.73	403.00	-55.0	27	Wolfden
04UL-22	501025.76	7420899.92	468.83	454.00	-60.0	27	Wolfden
04UL-23	500750.56	7421031.10	450.97	396.00	-52.0	27	Wolfden
04UL-24	500750.78	7421031.46	450.91	426.00	-55.0	27	Wolfden
04UL-25	501025.87	7420900.05	468.90	373.00	-52.5	27	Wolfden
04UL-26	500875.90	7420930.16	462.45	457.30	-57.0	27	Wolfden
04UL-27	500975.56	7420908.74	467.40	451.00	-60.0	27	Wolfden
04UL-28	500813.18	7420835.31	463.17	619.00	-55.0	28	Wolfden
04UL-29	500883.03	7420867.95	459.60	505.00	-54.0	27	Wolfden
04UL-30	500883.11	7420868.35	459.66	567.50	-60.4	27	Wolfden
04UL-31	500992.64	7420840.08	466.53	517.00	-58.0	28	Wolfden
04UL-32	501137.92	7420984.37	474.86	213.75	-54.9	28	Wolfden
04UL-33	501138.16	7420984.88	474.85	184.00	-48.0	28	Wolfden
04UL-34	500993.17	7420840.91	466.34	488.00	-68.0	28	Wolfden
04UL-35	501095.66	7420908.18	473.00	350.00	-50.7	28	Wolfden
04UL-36	501095.49	7420907.91	473.08	370.00	-56.0	28	Wolfden
04UL-37	500714.38	7420771.50	454.72	738.00	-50.0	25	Wolfden

04UL-38	500714.24	7420771.26	454.69	757.25	-55.0	24	Wolfden
04UL-39	500750.42	7420918.90	456.84	500.00	-45.0	27	Wolfden
04UL-40	500750.86	7420919.80	456.56	523.00	-56.0	27	Wolfden
04UL-41	500703.10	7420944.77	447.33	598.00	-54.3	26	Wolfden
04UL-42	500682.11	7420811.87	452.55	718.00	-56.0	21	Wolfden
04UL-43	500787.44	7420795.14	462.62	700.00	-56.0	23	Wolfden
04UL-44	500604.39	7420778.61	444.15	739.00	-50.0	22	Wolfden
12UE001	500244.00	7422378.00	445.00	197.20	-45.0	120	ELGIN
12UE002	500580.00	7422966.00	468.00	319.00	-45.0	100	ELGIN
12UE003	500843.00	7423141.00	445.00	214.00	-45.0	270	ELGIN
12UE004	500281.00	7421667.00	452.00	190.00	-45.0	44	ELGIN
12UE005	500273.00	7421489.00	448.50	151.00	-45.0	45	ELGIN
12UF001	501151.31	7421012.48	474.00	170.00	-51.2	31	ELGIN
12UF002	501045.06	7421028.13	467.47	226.00	-68.7	36	ELGIN
12UF003	500986.68	7420885.24	468.00	476.00	-61.7	22	ELGIN
12UF004	500891.57	7421066.99	463.27	335.00	-61.8	31	ELGIN
12UF005	500888.87	7421110.34	461.22	220.00	-53.2	30	ELGIN
12UF006	500828.50	7421023.90	461.87	439.00	-63.7	32	ELGIN
12UF007	500780.92	7420923.24	460.99	599.00	-64.6	28	ELGIN
12UF008	500822.00	7421001.00	463.00	395.00	-56.2	30	ELGIN
89VD01	501272.28	7421035.34	467.90	84.43	-44.0	114	BHP
89VD02	501219.56	7421054.28	472.90	84.43	-41.0	43	BHP
89VD03	501221.19	7421053.59	472.73	72.24	-46.0	116	BHP
89VD04	500999.00	7421154.06	466.24	60.00	-44.0	55	BHP
89VD05	501055.81	7421092.78	468.89	124.05	-44.0	31	BHP
89VD06	501017.41	7421123.69	467.89	93.57	-55.0	39	BHP
89VD07	501110.31	7421078.22	470.15	237.13	-46.0	40	BHP
89VD08	501197.72	7421034.91	473.29	160.63	-46.5	48	BHP
89VD09	501210.75	7421018.84	473.24	148.44	-47.0	55	BHP
89VD10	501250.00	7421021.25	469.82	90.53	-44.0	22	BHP
89VD11	501288.47	7420998.66	466.82	93.57	-46.0	20	BHP
89VD12	501272.22	7420960.56	464.89	84.43	-47.0	24	BHP
89VD13	501255.75	7421167.09	471.55	84.43	-47.0	57	BHP
89VD14	500943.63	7421118.78	461.86	283.10	-44.0	59	BHP
89VD15	500943.91	7421178.75	461.88	124.05	-46.0	57	BHP
89VD16	501314.88	7420805.59	472.90	78.33	-45.0	23	BHP
89VD17	500971.75	7421166.31	465.58	61.05	-50.0	60	BHP
89VD18	501085.53	7421197.56	471.81	144.89	-45.0	215	BHP
89VD19	500926.53	7421010.22	462.84	276.54	-53.0	39	BHP
89VD20	501249.22	7421116.13	471.06	157.09	-45.0	218	BHP
89VD21	501127.25	7421019.47	472.40	172.82	-46.0	37	BHP
89VD22	501146.34	7420963.63	475.05	263.83	-55.0	27	BHP
90VD23	501198.13	7421001.69	474.51	121.92	-45.0	351	BHP

90VD24	501136.16	7421063.44	471.45	108.51	-44.0	33	BHP
90VD25	500978.16	7420991.88	465.44	445.31	-47.0	30	BHP
90VD26	500877.31	7421162.41	461.02	179.53	-45.0	27	BHP
90VD27	500893.13	7421032.28	462.39	277.06	-47.0	35	BHP
90VD28	500905.94	7421154.41	461.42	151.49	-47.0	35	BHP
90VD29	500829.75	7421180.84	460.26	188.06	-44.5	37	BHP
90VD30A	501015.06	7420937.81	468.39	306.63	-45.0	31	BHP
90VD31	500860.97	7420892.63	461.68	444.09	-56.5	28	BHP
90VD32	501080.50	7420939.34	473.19	258.28	-50.0	21	BHP
90VD33	500860.94	7420892.59	461.79	358.77	-46.0	28	BHP
90VD34	500858.69	7421055.22	462.13	294.74	-50.0	29	BHP
90VD35	501393.94	7420960.75	453.68	130.15	-46.0	16	BHP
90VD36	500815.63	7420919.72	460.68	405.15	-46.0	26	BHP
90VD37	501371.44	7421050.19	457.03	126.68	-43.0	206	BHP
90VD38	500811.41	7421090.28	458.94	270.40	-51.0	35	BHP
90VD39	500813.69	7420919.50	460.31	489.81	-57.0	26	BHP
90VD40	500742.72	7421100.22	447.80	285.60	-42.0	29	BHP
90VD41	500697.22	7421134.69	441.52	346.56	-53.0	29	BHP
90VD42	500740.44	7420996.31	450.94	392.28	-44.0	30	BHP
90VD43	500907.63	7420882.91	459.74	386.18	-47.5	26	BHP
90VD44	500907.69	7420882.94	459.46	578.21	-59.0	24	BHP
90VD45	500740.13	7420995.78	450.92	438.05	-56.5	33	BHP
90VD46	501207.34	7421223.41	470.90	108.75	-43.0	176	BHP
90VD47	500703.69	7421018.66	444.03	400.51	-45.0	33	BHP
90VD48	501212.19	7420897.63	469.61	273.71	-44.0	355	BHP
90VD49	501198.56	7421295.75	465.95	105.77	-42.5	175	BHP
90VD50	501142.13	7421196.53	472.12	72.23	-46.0	132	BHP
90VD51	500947.31	7420854.16	464.56	389.21	-44.5	26	BHP
90VD52	501297.09	7421206.09	466.43	252.08	-46.0	202	BHP
90VD53	500703.13	7421018.28	443.88	617.83	-54.0	37	BHP
90VD54	501429.44	7421353.59	457.56	100.27	-44.0	36	BHP
90VD55	501573.13	7421395.63	446.50	148.44	-44.0	203	BHP
90VD56	500947.31	7420853.97	465.69	458.09	-55.0	26	BHP
90VD57	501422.28	7421233.28	459.26	137.85	-46.0	29	BHP
90VD58	500774.13	7420944.03	459.85	414.53	-45.0	27	BHP
90VD59	501386.78	7421257.72	459.58	105.77	-45.0	44	BHP
90VD60	501454.84	7421210.94	461.17	117.96	-43.0	45	BHP
90VD61	501158.34	7420741.47	465.21	114.91	-44.0	210	BHP
90VD62	501009.66	7420860.84	467.28	393.50	-43.5	23	BHP
90VD63	500773.38	7420943.41	459.95	480.71	-56.5	28	BHP
90VD64	501199.28	7420625.94	463.02	60.05	-42.0	136	BHP
90VD65	501277.16	7420536.31	456.23	60.05	-44.0	248	BHP
90VD66	501228.66	7420556.44	460.18	121.01	-44.0	37	BHP

90VD67	500847.53	7421258.22	460.79	200.28	-45.0	36	BHP
90VD68	501009.56	7420860.34	467.29	386.49	-56.5	22	BHP
90VD69	500720.53	7420878.72	450.30	589.40	-53.0	21	BHP
90VD70	500785.19	7421262.31	456.13	261.21	-61.0	38	BHP
90VD72	501083.00	7420875.22	468.55	325.53	-52.5	25	BHP
90VD75	500657.06	7420918.22	444.15	712.01	-54.0	9	BHP
90VD77	500685.63	7421069.88	440.62	456.26	-61.0	24	BHP
90VD78	501440.41	7421400.63	455.29	32.13	-51.0	216	BHP
90VD80	501384.78	7421388.69	457.37	45.41	-40.0	32	BHP
90VD81	500702.88	7425676.59	473.30	99.67	-60.0	69	BHP
90VD82	501360.31	7421374.38	457.59	19.51	-47.0	234	BHP
90VD83	501409.19	7421362.19	457.01	23.08	-50.0	191	BHP
90VD84	501001.13	7421227.19	467.89	270.97	-89.9	0	BHP
90VD85	500612.88	7425602.59	477.30	154.53	-45.0	315	BHP
90VD86	501164.47	7421041.72	472.63	108.81	-44.5	24	BHP
90VD87	501045.97	7421030.06	467.29	169.77	-43.0	32	BHP
90VD88	500658.22	7420918.72	444.15	562.97	-51.0	29	BHP
90VD89	500685.72	7421069.84	443.13	514.19	-51.0	23	BHP
90VD90	500779.63	7420757.44	461.13	620.88	-49.5	25	BHP
90VD91	501363.50	7421413.66	457.78	79.86	-45.0	196	BHP
90VD92	500548.44	7420942.75	440.45	698.91	-49.0	29	BHP
90VD93	501213.25	7421059.50	472.75	34.14	-50.0	342	BHP
91VD094	500522.78	7420929.53	446.54	969.87	-55.0	32	BHP
91VD095	500577.75	7420848.81	440.45	862.58	-54.0	26	BHP
91VD096	500721.19	7420906.84	448.75	416.66	-55.0	30	BHP
91VD096A	500720.59	7420903.91	448.24	622.71	-54.5	30	BHP
91VD097	500658.91	7420874.72	446.60	742.49	-55.0	19	BHP
91VD098	500771.56	7420850.63	463.86	604.11	-55.0	30	BHP
91VD099	501854.88	7421523.59	463.86	28.65	-45.0	151	BHP
91VD100	501765.88	7421382.59	468.30	37.19	-45.0	186	BHP
91VD101	501793.88	7421294.59	468.30	35.62	-45.0	250	BHP
91VD102	501756.88	7421264.59	468.30	36.58	-45.0	185	BHP
91VD103	500474.75	7420992.75	442.85	743.10	-50.0	31	BHP
91VD104	500413.16	7420913.94	480.19	1067.10	-53.0	30	BHP
91VD105	500366.78	7420841.03	481.67	1349.96	-56.0	28	BHP
91VD105A	500624.09	7421209.97	116.97	427.66	-51.3	46	BHP
91VD106	500833.16	7420904.41	463.70	541.60	-45.0	33	BHP
91VD107	501385.28	7421496.72	451.18	229.50	-46.0	194	BHP
91VD108	500304.63	7421170.13	476.06	876.00	-50.0	54	BHP
91VD109	501374.16	7421448.63	455.75	154.83	-45.0	197	BHP
91VD110	501452.91	7421445.75	454.32	295.05	-44.0	198	BHP
91VD115	500610.88	7421792.59	468.30	88.39	-45.0	205	BHP
91VD116	500382.72	7421219.88	466.10	720.24	-50.0	54	BHP

91VD117	500657.88	7421792.59	468.30	90.83	-45.0	210	BHP
91VD121	501297.88	7421429.09	468.30	49.38	-45.0	20	BHP
91VD122	501344.88	7421398.59	468.30	60.04	-45.0	198	BHP
91VD123	500246.28	7421112.59	463.57	1035.41	-48.0	57	BHP
91VD124	500833.38	7420905.09	460.30	461.14	-50.0	21	BHP
91VD125	500630.81	7420835.13	442.45	793.09	-55.0	39	BHP
91VD126	500417.59	7421118.06	453.10	612.04	-45.5	48	BHP
91VD127	500860.31	7420875.72	462.44	444.40	-50.5	30	BHP
91VD129	500860.31	7420875.72	462.44	624.23	-62.0	36	BHP
91VD130	500630.66	7420835.22	442.40	714.76	-54.0	31	BHP
91VD131	500461.66	7420800.59	473.81	944.99	-55.0	33	BHP
91VD132	500375.44	7420728.97	443.30	1053.69	-55.0	30	BHP
91VD133	500612.31	7420749.75	444.95	929.03	-55.0	32	BHP
91VD134	500703.88	7420698.59	452.92	743.10	-57.0	30	BHP
92VD135	501271.28	7421756.41	441.06	39.01	-45.0	14	BHP
92VD136	501260.88	7420862.59	468.92	133.20	-45.0	40	BHP
92VD137	501248.56	7421767.50	442.68	25.57	-45.0	30	BHP
92VD138	501223.88	7420902.59	471.60	181.96	-45.0	35	BHP
92VD139	501184.06	7421772.19	443.97	21.95	-45.0	46	BHP
92VD140	501143.88	7420878.59	470.32	246.27	-45.0	35	BHP
92VD141	500945.88	7420851.59	465.40	572.11	-59.0	26	BHP
92VD142	501273.88	7421191.59	473.30	32.92	-50.0	82	BHP
92VD143	500974.88	7420822.59	465.50	495.91	-58.5	26	BHP
92VD144	500820.19	7421990.19	444.19	46.63	-45.0	54	BHP
92VD145	500950.47	7421814.28	447.93	54.86	-45.0	18	BHP
92VD146	500874.47	7421919.78	446.97	43.59	-45.0	42	BHP
92VD147	501040.88	7420846.59	468.04	447.14	-59.0	15	BHP
92VD148	501083.88	7421152.59	471.09	41.50	-46.5	136	BHP
92VD149	501329.88	7420840.59	465.44	28.96	-48.0	26	BHP
92VD150	501265.56	7421721.28	441.57	69.49	-45.0	16	BHP
92VD151	501322.47	7421713.50	435.06	110.33	-44.5	8	BHP
92VD152	500944.56	7421779.50	449.04	218.53	-44.5	12	BHP
92VD153	501027.88	7420823.59	468.03	447.14	-50.0	24	BHP
92VD154	501262.97	7420990.59	469.00	161.24	-45.0	15	BHP
92VD155	501210.88	7420947.09	465.30	150.27	-45.0	22	BHP
92VD156	501229.13	7421063.59	472.87	108.81	-45.0	343	BHP
92VD157	501276.88	7421018.59	467.90	137.77	-45.0	351	BHP
92VD158	500819.28	7421919.50	448.11	174.35	-45.0	45	BHP
92VD159	501001.47	7421895.00	446.38	130.15	-45.0	155	BHP
92VD160	501161.38	7421709.00	444.28	136.25	-46.0	39	BHP
92VD161	501104.88	7421738.91	447.64	213.36	-45.0	32	BHP
92VD162	501184.88	7421184.69	472.25	229.21	-46.0	166	BHP
92VD163	501088.06	7421081.50	469.03	169.16	-45.0	31	BHP

92VD164	500972.97	7420902.91	467.28	399.90	-44.0	23	BHP
92VD165	501121.88	7420932.19	474.78	477.14	-49.0	20	BHP
92VD166	501186.06	7421041.69	473.01	150.00	-46.0	14	BHP
92VD167	501443.06	7420888.69	445.24	130.25	-46.0	220	BHP
92VD168	500865.56	7421356.41	462.29	69.19	-45.5	58	BHP
92VD169	500935.88	7420925.00	461.46	800.00	-45.0	26	BHP
92VD170	500672.56	7422356.59	473.30	53.34	-45.0	100	BHP
92VD171	501136.88	7421782.59	469.30	169.77	-45.0	358	BHP
93VD172	501337.88	7421713.59	434.30	52.43	-45.0	35	BHP
93VD173	500606.88	7422356.59	473.30	117.04	-45.0	35	BHP
93VD174	500622.88	7422438.59	473.30	98.45	-45.0	62	BHP
93VD175	501217.88	7421365.59	468.30	122.83	-45.0	79	BHP
93VD176	501269.88	7421283.59	467.30	89.31	-45.0	54	BHP
93VD177	501315.88	7421123.59	466.30	52.73	-45.0	80	BHP
93VD178	501224.88	7421228.59	470.80	211.23	-45.0	39	BHP
96-UL-1	500871.69	7421240.09	461.30	77.00	-60.0	35	Echobay
96-UL-10	501040.31	7421077.78	467.00	119.00	-60.0	32	Echobay
96-UL-11	501090.09	7421094.38	469.90	38.00	-45.0	35	Echobay
96-UL-12	501096.09	7421060.88	466.60	89.00	-51.0	26	Echobay
96-UL-13	501096.09	7421060.88	469.90	101.00	-60.0	42	Echobay
96-UL-14	501117.91	7421052.59	471.20	65.00	-49.0	30	Echobay
96-UL-15	501117.91	7421052.59	467.90	95.00	-60.0	46	Echobay
96-UL-16	501148.41	7421057.19	472.30	67.00	-59.0	31	Echobay
96-UL-17	501165.81	7421057.19	470.00	41.00	-45.0	30	Echobay
96-UL-18	501192.50	7421036.09	473.30	62.00	-45.0	32	Echobay
96-UL-19	501128.31	7420973.78	471.40	180.00	-55.0	10	Echobay
96-UL-2	500885.00	7421253.28	461.70	42.00	-45.0	35	Echobay
96-UL-20	501128.31	7420973.78	471.40	209.00	-60.0	13	Echobay
96-UL-21	501128.31	7420973.78	474.70	191.00	-59.0	20	Echobay
96-UL-22	501128.31	7420973.78	471.40	176.00	-54.0	26	Echobay
96-UL-24	501128.31	7420973.78	474.70	170.00	-55.0	49	Echobay
96-UL-25	501247.19	7420998.19	469.50	75.00	-45.0	22	Echobay
96-UL-27	501279.09	7421012.19	464.30	47.45	-45.0	0	Echobay
96-UL-3	500898.50	7421214.00	461.70	77.00	-60.0	35	Echobay
96-UL-31	500818.09	7421154.59	459.70	212.00	-60.0	35	Echobay
96-UL-33	500886.41	7421155.50	461.40	161.60	-60.0	36	Echobay
96-UL-34	500925.69	7421146.38	461.60	143.00	-60.0	37	Echobay
96-UL-35	500954.59	7421118.19	462.10	140.00	-60.0	36	Echobay
96-UL-37	500982.50	7421078.69	463.70	131.00	-60.0	36	Echobay
96-UL-38	500973.09	7421049.09	463.30	182.00	-60.0	35	Echobay
96-UL-4	500915.81	7421227.09	462.50	38.50	-45.0	35	Echobay
96-UL-5	500885.00	7421178.19	461.30	122.00	-60.0	35	Echobay
96-UL-6	500943.91	7421203.78	463.00	25.00	-45.0	35	Echobay

96-UL-7	500923.69	7421164.00	458.90	95.00	-60.0	35	Echobay
96-UL-8	500958.31	7421149.78	459.80	89.00	-60.0	35	Echobay
96-UL-9	501051.31	7421124.38	464.90	32.00	-45.0	32	Echobay
97CHP115N	501075.00	7421144.41	346.00	34.00	0.0	237	Echobay
97CHP115S	501075.00	7421137.59	346.00	30.00	0.0	237	Echobay
97CHP135N	501050.00	7421134.00	328.00	14.60	0.0	245	Echobay
97CHP135S	501050.00	7421127.19	328.00	9.80	0.0	238	Echobay
97CHP23E	501226.81	7421075.00	425.00	22.00	0.0	183	Echobay
97CHP25W	501231.59	7421075.00	425.00	17.40	0.0	185	Echobay
97UL100A01	501033.59	7421214.31	352.92	219.00	-30.2	164	Echobay
97UL100A02	501033.78	7421214.28	352.56	276.00	-41.9	162	Echobay
97UL100A03	501032.88	7421214.47	352.89	240.00	-38.2	173	Echobay
97UL100A04	501033.13	7421214.47	352.56	256.50	-46.7	168	Echobay
97UL100A05	501032.16	7421214.66	352.81	243.00	-43.0	182	Echobay
97UL100A06	501032.16	7421214.59	353.00	189.00	-33.2	183	Echobay
97UL100A13	501031.63	7421214.59	352.90	219.00	-35.9	190	Echobay
97UL100A14	501031.63	7421214.75	352.74	249.00	-44.4	190	Echobay
97UL100A15	501031.63	7421214.72	352.62	327.00	-48.4	190	Echobay
97UL100A16	501031.28	7421214.91	352.33	309.00	-50.8	194	Echobay
97UL100A17	501031.22	7421214.63	352.82	222.00	-30.1	194	Echobay
97UL100A20	501030.69	7421214.75	352.82	174.00	-34.8	201	Echobay
97UL100A21	501030.75	7421214.91	352.64	270.00	-45.0	202	Echobay
97UL100A22	501030.78	7421215.00	352.43	342.00	-49.9	202	Echobay
97UL100A25	501029.84	7421215.88	352.62	351.00	-51.6	221	Echobay
97UL100A26	501029.75	7421215.75	352.82	300.00	-40.9	220	Echobay
97UL100A56	501029.97	7421215.19	352.46	270.00	-39.7	214	Echobay
97UL100B01	501018.38	7421237.16	353.18	252.00	-30.6	205	Echobay
97UL100B02	501018.13	7421238.13	353.41	227.00	-31.6	217	Echobay
97UL100B03	501018.19	7421238.44	353.16	240.02	-42.9	222	Echobay
97UL100B04	501018.31	7421238.59	353.14	291.00	-51.6	221	Echobay
97UL100B05	501017.97	7421238.78	353.16	348.00	-40.7	229	Echobay
97UL100B06	501018.13	7421238.91	353.05	267.00	-44.3	229	Echobay
97UL100B07	501018.13	7421238.94	352.99	309.00	-54.5	228	Echobay
97UL100B08	501017.53	7421239.22	352.68	369.12	-48.0	242	Echobay
97UL100B09	501017.47	7421239.19	353.00	210.00	-43.1	241	Echobay
97UL100B10	501017.38	7421239.16	353.23	300.10	-34.4	241	Echobay
97UL100B11	501017.25	7421239.63	352.90	261.00	-39.0	248	Echobay
97UL100B16	501018.22	7421238.44	353.17	273.00	-37.0	222	Echobay
97UL100B17	501018.38	7421238.63	352.95	297.00	-45.9	222	Echobay
97UL100B18	501018.06	7421238.88	353.11	351.00	-46.7	229	Echobay
97UL100B19	501018.16	7421238.94	352.96	387.00	-48.1	229	Echobay
97UL100B21	501017.47	7421239.19	352.99	369.06	-44.6	242	Echobay
97UL115-01	501055.94	7421124.44	354.08	134.00	-38.8	142	Echobay

97UL115-02	501055.88	7421124.53	344.89	167.00	-47.6	141	Echobay
97UL115-03	501054.94	7421124.56	345.54	137.00	-43.2	160	Echobay
97UL115-04	501054.91	7421124.44	345.14	153.00	-51.8	161	Echobay
97UL115-05	501054.16	7421124.28	344.94	152.00	-49.4	175	Echobay
97UL115-06	501053.97	7421124.38	344.88	153.00	-58.2	180	Echobay
97UL115-07	501053.41	7421124.09	344.89	147.00	-59.0	192	Echobay
97UL115-08	501052.00	7421123.41	345.41	143.00	-50.8	203	Echobay
97UL115-09	501052.13	7421123.56	345.32	194.00	-54.1	208	Echobay
97UL115-10	501051.50	7421124.31	344.96	213.00	-54.5	227	Echobay
97UL115-11	501051.63	7421124.25	345.63	152.00	-50.7	224	Echobay
97UL115-12	501050.13	7421127.69	346.43	98.18	-5.1	281	Echobay
97UL115-13	501050.97	7421124.81	345.33	185.00	-49.6	235	Echobay
97UL115-14	501050.97	7421124.97	345.51	161.00	-43.5	237	Echobay
97UL115-O1	501055.94	7421124.44	354.08	134.00	-38.8	142	Echobay
97UL25-01	501234.88	7421077.44	429.19	75.00	0.0	153	Echobay
97UL25-02	501234.34	7421076.94	429.20	72.00	0.0	161	Echobay
97UL25-03	501233.78	7421076.72	429.15	62.00	0.0	170	Echobay
97UL25-04	501233.69	7421078.84	429.17	52.00	0.0	183	Echobay
97UL25-05	501218.34	7421100.09	427.71	70.00	0.0	205	Echobay
97UL25-06	501218.25	7421100.09	427.70	41.00	0.0	220	Echobay
97UL25-07	501218.38	7421100.16	427.69	45.00	0.0	235	Echobay
97UL25-08	501218.19	7421100.19	428.34	54.50	10.0	242	Echobay
97UL25-09	501234.34	7421076.94	428.90	72.00	-8.0	161	Echobay
97UL25-10	501234.88	7421077.44	429.19	80.00	0.0	143	Echobay
97UL75-01	501069.88	7421120.09	386.56	95.00	-35.0	150	Echobay
97UL75-02	501069.69	7421120.00	385.83	122.00	-56.5	155	Echobay
97UL75-03	501069.13	7421119.63	386.41	83.50	-41.6	165	Echobay
97UL75-04	501067.63	7421119.50	386.32	101.00	-53.8	188	Echobay
97UL75-05	501066.88	7421119.56	386.45	86.00	-41.0	198	Echobay
97UL75-06	501065.25	7421120.31	386.85	89.00	-35.0	223	Echobay
97UL75-07	501066.28	7421119.88	386.39	109.30	-51.2	207	Echobay
97UL75-08	501065.81	7421120.25	386.46	120.00	-53.1	216	Echobay
97UL75-09	501068.78	7421119.78	386.20	117.00	-59.5	170	Echobay
97UL75-10	501064.53	7421121.28	387.42	101.00	-26.4	239	Echobay
97UL75-11	501064.25	7421121.66	386.88	131.00	-28.8	248	Echobay
97UL75-12	501064.63	7421122.28	386.50	152.00	-36.8	253	Echobay
97UL75-13	501065.66	7421119.91	387.10	105.00	-16.8	214	Echobay
97UL75-14	501064.97	7421120.38	387.14	92.00	-18.9	225	Echobay
97UL75-15	501064.44	7421121.25	387.10	89.00	-20.2	239	Echobay
97UL75-16	501064.81	7421121.03	386.65	110.00	-40.6	234	Echobay
97UL75-17	501069.53	7421120.19	387.58	60.11	-1.2	156	Echobay
97UL75-18	501068.44	7421118.88	387.57	35.00	-0.5	175	Echobay
97UL75-19	501066.09	7421123.56	387.23	35.00	0.3	260	Echobay

97UL75-20	501065.66	7421123.50	387.61	53.00	-0.4	275	Echobay
97UL75-21	501066.09	7421123.97	387.62	77.00	-0.3	283	Echobay
97UL95-01	501061.63	7421117.22	366.89	95.00	-18.0	287	Echobay
97UL95-02	501061.06	7421117.09	366.42	122.00	-29.5	284	Echobay
97UL95-03	501060.94	7421116.41	366.23	101.00	-36.4	273	Echobay
97UL95-04	501061.13	7421115.75	366.63	35.00	-5.6	264	Echobay
97UL95-05	501061.28	7421115.66	366.70	64.00	-26.1	263	Echobay
97UL95-06	501061.41	7421115.34	366.45	141.00	-36.3	257	Echobay
97UL95-07	501061.50	7421114.88	366.34	98.00	-36.5	250	Echobay
97UL95-08	501061.53	7421114.88	366.05	125.00	-43.8	248	Echobay
97UL95-09	501062.03	7421114.16	366.30	50.00	-38.0	235	Echobay
97UL95-10	501062.13	7421114.13	366.18	116.00	-42.0	234	Echobay
97UL95-11	501062.19	7421113.69	366.16	91.00	-40.0	227	Echobay
97UL95-12	501062.88	7421113.13	365.86	110.00	-52.7	214	Echobay
97UL95-13	501063.47	7421112.94	365.75	86.00	-47.2	204	Echobay
97UL95-14	501064.44	7421113.03	367.01	25.00	-12.1	189	Echobay
97UL95-15	501064.50	7421113.16	365.97	47.00	-45.1	188	Echobay
97UL95-16	501064.50	7421113.31	365.70	110.00	-55.2	190	Echobay
97UL95-17	501065.38	7421113.81	365.87	80.00	-48.5	168	Echobay
97UL95-18	501065.50	7421113.97	365.77	110.00	-53.7	163	Echobay
97UL95-19	501065.75	7421113.97	366.59	65.00	-30.5	158	Echobay
97UL95-20	501066.03	7421114.22	366.38	98.00	-38.2	149	Echobay
97UL95-21	501066.00	7421114.28	366.11	140.00	-46.4	146	Echobay
97UL95-22	501066.31	7421114.44	367.21	45.00	-5.1	140	Echobay
97UL95-23	501061.38	7421117.31	367.33	74.00	-0.2	287	Echobay