Monitoring Well (Groundwater) Gauging
Visual Inspection Checklist

Project Name: Adak LTM 2014 Project No.: TO 05

Site Name: AREA 303 / GGI Compound Well ID.: MW-303-38

Inspector(s): J. Highstone, J. Santana Date/Time: 9-10-14 / 1136

Company: Sealaska Environmental Services, LLC

Weather/Temperature: Partly Sunny, 15 mph wind, 48°F

	Yes	No
1. Was the monitoring well located?	☒	☐
2. Is the well clearly labeled? If not, please re-label.	☒	☐
3. Is there a cap on the monitoring well?	☒	☐
4. Specify type of cap: 4" Butterfly		
5. Specify size and number of bolts on flush-mount cap: N/A		
6. Is there any evidence of tampering with the cap or well casing?	☐	☒
7. Is the monument in good condition?	☒	☐
8. Is the casing in good condition?	☒	☐
9. Are there any odors (e.g., petroleum or sulfide/rotten egg)? If yes, describe the odor and Intensity: Strong Petroleum odor	☒	☐
11. Is the well dry?	☐	☒
12. Is there product or sheen in the well?	☒	☐
13. If so, product thickness ~~(inches)~~ FEET ~~SHEEN~~ <.01 . gd 9.17.14		
14. Is the well depth consistent with past depth measurements?	☒	☐
15. Are there well protections? Type: (3) Bollards - Loose	☒	☐

16. Previous well depth (feet): 30.55 BTOC Current well depth (feet): 30.46 BTOC

17. Depth to water (feet): 24.88 BTOC Depth to Product (feet): N/A

18. PID reading at wellhead (ppm): 24.0 Breathing Zone (ppm): 0.0

Additional notes: Hard Bottom

Photo collected (1142) facing west

SMW 9/16/14

Monitoring Well (Groundwater) Gauging
Visual Inspection Checklist

Project Name: Adak LTM 2014 Project No.: TO 05

Site Name: AREA 303 \ GCI Compound Well ID.: MW-303-39

Inspector(s): J. HIGHSTONE, J. SANTINI Date/Time: 9/10/14 / 1350

Company: Sealaska Environmental Services, LLC

Weather/Temperature: MOSTLY CLOUDY, 15 mph WIND, 50°F

	Yes	No
1. Was the monitoring well located?	☒	☐
2. Is the well clearly labeled? If not, please re-label.	☒	☐
3. Is there a cap on the monitoring well?	☒	☐
4. Specify type of cap: 4" BUTTERFLY		
5. Specify size and number of bolts on flush-mount cap: N/A		
6. Is there any evidence of tampering with the cap or well casing?	☐	☒
7. Is the monument in good condition?	☒	☐
8. Is the casing in good condition?	☒	☐
9. Are there any odors (e.g., petroleum or sulfide/rotten egg)? If yes, describe the odor and Intensity:	☐	☒
11. Is the well dry?	☐	☒
12. Is there product or sheen in the well?	☒	☐
13. If so, product thickness (~~inches~~ feet) ~~SHEEN~~ TRACE, 2.01. SMJ 9/16/14 gd 2.17.14		
14. Is the well depth consistent with past depth measurements?	☒	☐
15. Are there well protections? Type: (3) BOLLARDS - LOOSE	☒	☐

16. Previous well depth (feet): ~~28.02~~ BTOC Current well depth (feet): 27.91 BTOC

17. Depth to water (feet): 20.98 BTOC Depth to Product (feet): N/A

18. PID reading at wellhead (ppm): 0.0 Breathing Zone (ppm): 0.0

Additional notes: SOFT BOTTOM

PHOTO COLLECTED (1355) FACING NORTHEAST

SMJ 9/16/14

Monitoring Well (Groundwater) Gauging
Visual Inspection Checklist

Project Name: Adak LTM 2014 Project No.: TO 05

Site Name: AREA 303 / GCI COMPOUND Well ID.: MW-303-40

Inspector(s): J. HIGHSTONE, J. SANTINI Date/Time: 9-10-14 / 1144

Company: Sealaska Environmental Services, LLC

Weather/Temperature: PARTLY SUNNY, 15 mph WIND, 48° F

	Yes	No
1. Was the monitoring well located?	☒	☐
2. Is the well clearly labeled? If not, please re-label.	☒	☐
3. Is there a cap on the monitoring well?	☒	☐
4. Specify type of cap: 4" BUTTERFLY		
5. Specify size and number of bolts on flush-mount cap: N/A		
6. Is there any evidence of tampering with the cap or well casing?	☐	☒
7. Is the monument in good condition?	☒	☐
8. Is the casing in good condition?	☒	☐
9. Are there any odors (e.g., petroleum or sulfide/rotten egg)? If yes, describe the odor and Intensity:	☐	☒
11. Is the well dry?	☐	☒
12. Is there product or sheen in the well?	☒	☐
13. If so, product thickness (~~inches~~ feet) ~~SHEEN~~ TRACE / <.01. SW 9/12/14 gd 9.17.14		
14. Is the well depth consistent with past depth measurements?	☒	☐
15. Are there well protections? Type: (3) BOLLARDS	☒	☐

16. Previous well depth (feet): 17.90 BTOC Current well depth (feet): 17.80 BTOC

17. Depth to water (feet): 6.89 BTOC Depth to Product (feet): N/A

18. PID reading at wellhead (ppm): 0.0 Breathing Zone (ppm): 0.0

Additional notes: HARD BOTTOM

PHOTO COLLECTED (1151) FACING NORTH

SW 9/12/14

Monitoring Well (Groundwater) Gauging
Visual Inspection Checklist

Project Name: Adak LTM 2014 Project No.: TO 05

Site Name: AREA 303 / GCI Compound Well ID.: MW-303-41

Inspector(s): J. Highstone, J. Santini Date/Time: 9-10-14 / 1110

Company: Sealaska Environmental Services, LLC

Weather/Temperature: Mostly cloudy, 15 mph wind, 48° F

	Yes	No
1. Was the monitoring well located?	☒	☐
2. Is the well clearly labeled? If not, please re-label.	☒	☐
3. Is there a cap on the monitoring well?	☒	☐
4. Specify type of cap: 4" Butterfly		
5. Specify size and number of bolts on flush-mount cap: N/A		
6. Is there any evidence of tampering with the cap or well casing?	☐	☒
7. Is the monument in good condition?	☒	☐
8. Is the casing in good condition?	☒	☐
9. Are there any odors (e.g., petroleum or sulfide/rotten egg)? If yes, describe the odor and Intensity:	☐	☒
11. Is the well dry?	☐	☒
12. Is there product or sheen in the well?	☐	☒
13. If so, product thickness (inches) N/A.		
14. Is the well depth consistent with past depth measurements?	☒	☐
15. Are there well protections? Type: (3) Bollards	☒	☐

16. Previous well depth (feet): 25.61 BTOC Current well depth (feet): 25.70 BTOC

17. Depth to water (feet): 20.40* BTOC Depth to Product (feet): N/A

18. PID reading at wellhead (ppm): 6.2 Breathing Zone (ppm): 0.0

Additional notes: Soft Bottom

PHOTO COLLECTED (1117) FACING SOUTH

* DTW = 21.39' btoc on 9-12-14 (SW)

SW 9/12/14

Monitoring Well (Groundwater) Gauging
Visual Inspection Checklist

Project Name: Adak LTM 2014 Project No.: TO 05

Site Name: AREA 303 / GCI COMPOUND Well ID.: MW-303-42

Inspector(s): J. HIGHSTONE, J. SANTINI Date/Time: 9/10/14 / 1440

Company: Sealaska Environmental Services, LLC

Weather/Temperature: MOSTLY CLOUDY, 15 MPH WIND, 50° F

	Yes	No
1. Was the monitoring well located?	☒	☐
2. Is the well clearly labeled? If not, please re-label.	☒	☐
3. Is there a cap on the monitoring well?	☒	☐
4. Specify type of cap: 2" BUTTERFLY		
5. Specify size and number of bolts on flush-mount cap: N/A		
6. Is there any evidence of tampering with the cap or well casing?	☐	☒
7. Is the monument in good condition?	☒	☐
8. Is the casing in good condition?	☒	☐
7. 9. Are there any odors (e.g., petroleum or sulfide/rotten egg)? If yes, describe the odor and Intensity: "POSSIBLE" ODOR DUE TO HIGH PID, BUT NONE IN BREATHING ZONE. NO ODOR DURING PURGING ON 9/15/14	☐	☒
11. Is the well dry?	☐	☒
12. Is there product or sheen in the well?	☒	☐
13. If so, product thickness (~~inches~~ feet) ~~SHEEN~~ TRACE / 0.01. SWJ 9/10/14 JGL 9.17.14		
14. Is the well depth consistent with past depth measurements?	☒	☐
15. Are there well protections? Type: (3) BOLLARDS	☒	☐

16. Previous well depth (feet): 33.29 BTOC Current well depth (feet): 33.25 BTOC

17. Depth to water (feet): 28.32 BTOC Depth to Product (feet): N/A

18. PID reading at wellhead (ppm): 793.0 Breathing Zone (ppm): 0.0

Additional notes: HARD BOTTOM

PHOTO COLLECTED (1443) FACING WEST

SWJ 9/16/14

Monitoring Well (Groundwater) Gauging
Visual Inspection Checklist

Project Name: Adak LTM 2014 Project No.: TO 05

Site Name: AREA 303 / GCI Compound Well ID.: MW-303-43

Inspector(s): J. HIGHSTONE, J. SANTINI Date/Time: 8-10-14 / 1444

Company: Sealaska Environmental Services, LLC

Weather/Temperature: MOSTLY CLOUDY, 15 MPH WIND, 50° F

	Yes	No
1. Was the monitoring well located?	☒	☐
2. Is the well clearly labeled? If not, please re-label.	☒	☐
3. Is there a cap on the monitoring well?	☒	☐
4. Specify type of cap: 2" BUTTERFLY		
5. Specify size and number of bolts on flush-mount cap: N/A		
6. Is there any evidence of tampering with the cap or well casing?	☐	☒
7. Is the monument in good condition?	☒	☐
8. Is the casing in good condition?	☒	☐
9. Are there any odors (e.g., petroleum or sulfide/rotten egg)? If yes, describe the odor and Intensity: NA	☐	☒
11. Is the well dry?	☐	☒
12. Is there product or sheen in the well?	☐	☒
13. If so, product thickness (inches) N/A.		
14. Is the well depth consistent with past depth measurements?	☒	☐
15. Are there well protections? Type: (3) BOLLARDS	☒	☐

16. Previous well depth (feet): 33.81 BTOC Current well depth (feet): 33.81 BTOC

17. Depth to water (feet): 28.37 BTOC Depth to Product (feet): N/A

18. PID reading at wellhead (ppm): 27.4 Breathing Zone (ppm): 0.0

Additional notes: HARD BOTTOM

PHOTO COLLECTED (1450) FACING SOUTH

SWS 9/16/14

Monitoring Well (Groundwater) Gauging
Visual Inspection Checklist

Project Name: Adak LTM 2014 Project No.: TO 05

Site Name: AREA 303 | GCI COMPOUND Well ID.: MW-303-44

Inspector(s): J. HIGHSTONE, J. SANTINI Date/Time: 9/10/14 - 1431

Company: Sealaska Environmental Services, LLC

Weather/Temperature: MOSTLY CLOUDY, WIND 15 mph, 50° F

	Yes	No
1. Was the monitoring well located?	☒	☐
2. Is the well clearly labeled? If not, please re-label.	☒	☐
3. Is there a cap on the monitoring well?	☒	☐
4. Specify type of cap: 2" BUTTERFLY		
5. Specify size and number of bolts on flush-mount cap: N/A		
6. Is there any evidence of tampering with the cap or well casing?	☐	☒
7. Is the monument in good condition?	☒	☐
8. Is the casing in good condition?	☒	☐
9. Are there any odors (e.g., petroleum or sulfide/rotten egg)? If yes, describe the odor and Intensity:	☐	☒
11. Is the well dry?	☐	☒
12. Is there product or sheen in the well?	☒	☐
13. If so, product thickness ~~(inches)~~ FEET ~~SHEEN~~ TRACE <.01. JH 9.17.14		
14. Is the well depth consistent with past depth measurements?	☒	☐
15. Are there well protections? Type: (3) BOLLARDS	☒	☐

16. Previous well depth (feet): 33.50 BTOC Current well depth (feet): 33.31 BTOC

17. Depth to water (feet): 28.92 BTOC Depth to Product (feet): N/A

18. PID reading at wellhead (ppm): 0.0 Breathing Zone (ppm): 0.0

Additional notes: HARD BOTTOM

PHOTO COLLECTED (1436) FACING SOUTH

SW 9/16/14

Monitoring Well (Groundwater) Gauging
Visual Inspection Checklist

Project Name: Adak LTM 2014 Project No.: TO 05

Site Name: AREA 303 | GCI Compound Well ID.: OH-100

Inspector(s): J. Highstone, J. Santini Date/Time: 9-10-14 | 1120

Company: Sealaska Environmental Services, LLC

Weather/Temperature: Partly Sunny, 15 mph wind, 45°F

	Yes	No
1. Was the monitoring well located?	☒	☐
2. Is the well clearly labeled? If not, please re-label.	☒	☐
3. Is there a cap on the monitoring well?	☒	☐
4. Specify type of cap: 1 1/2" Butterfly		
5. Specify size and number of bolts on flush-mount cap: N/A		
6. Is there any evidence of tampering with the cap or well casing?	☐	☒
7. Is the monument in good condition?	☒	☐
8. Is the casing in good condition?	☒	☐
9. Are there any odors (e.g., petroleum or sulfide/rotten egg)? If yes, describe the odor and Intensity: Moderate Petroleum	☒	☐
11. Is the well dry?	☐	☒
12. Is there product or sheen in the well? no sheen in purge water on 9/16/14	☒	☐
13. If so, product thickness (inches) ~~Sheen~~ Feet TRACE 0.01. SW 9/16/14 JH 9-17-14		
14. Is the well depth consistent with past depth measurements?	☒	☐
15. Are there well protections? Type: N/A	☐	☒

16. Previous well depth (feet): 34.57 BTOC Current well depth (feet): 34.57 BTOC

17. Depth to water (feet): 27.84 BTOC Depth to Product (feet): N/A

18. PID reading at wellhead (ppm): 94.8 Breathing Zone (ppm): 0.0

Additional notes: Hard Bottom

Photo collected (1125) facing East

SW 9/16/14

Monitoring Well (Groundwater) Gauging
Visual Inspection Checklist

Project Name: Adak LTM 2014 Project No.: TO 05

Site Name: AREA 303 / GCI COMPOUND Well ID.: 04-201

Inspector(s): J. HIGHSTONE, J. SANTINI Date/Time: 9-10-14 / 1013

Company: Sealaska Environmental Services, LLC

Weather/Temperature: MOSTLY CLOUDY, 15 MPH WIND, 45°F

	Yes	No
1. Was the monitoring well located?	☒	☐
2. Is the well clearly labeled? If not, please re-label.	☒	☐
3. Is there a cap on the monitoring well?	☒	☐
4. Specify type of cap: 2" PVC SLIP		
5. Specify size and number of bolts on flush-mount cap: N/A		
6. Is there any evidence of tampering with the cap or well casing?	☐	☒
7. Is the monument in good condition?	☒	☐
8. Is the casing in good condition?	☒	☐
9. Are there any odors (e.g., petroleum or sulfide/rotten egg)? If yes, describe the odor and Intensity:	☐	☒
11. Is the well dry?	☐	☒
12. Is there product or sheen in the well?	☒	☐
13. If so, product thickness (~~inches~~ feet) ~~SHEEN~~ TRACE / 0.01. SLW 9/15/14 JH 9-17-14		
14. Is the well depth consistent with past depth measurements?	☒	☐
15. Are there well protections? Type: N/A	☐	☒

16. Previous well depth (feet): 33.10 BTOC Current well depth (feet): 33.23 BTOC

17. Depth to water (feet): 25.40 BTOC Depth to Product (feet): N/A

18. PID reading at wellhead (ppm): 0.0 Breathing Zone (ppm): 0.0

Additional notes: SOFT BOTTOM

PHOTO COLLECTED (1025) FACING EAST

SLW 9/15/14

Monitoring Well (Groundwater) Gauging
Visual Inspection Checklist

Project Name: Adak LTM 2014 Project No.: TO 05

Site Name: AREA 303 / GCI COMPOUND Well ID.: 04-202

Inspector(s): J. HIGHSTONE, J. SANTINI Date/Time: 9-10-14 / 1012

Company: Sealaska Environmental Services, LLC

Weather/Temperature: MOSTLY CLOUDY, 15 MPH WIND, 45°F

	Yes	No
1. Was the monitoring well located?	☒	☐
2. Is the well clearly labeled? If not, please re-label.	☒	☐
3. Is there a cap on the monitoring well?	☒	☐
4. Specify type of cap: 2" BUTTERFLY		
5. Specify size and number of bolts on flush-mount cap: N/A		
6. Is there any evidence of tampering with the cap or well casing?	☐	☒
7. Is the monument in good condition?	☒	☐
8. Is the casing in good condition?	☒	☐
9. Are there any odors (e.g., petroleum or sulfide/rotten egg)? If yes, describe the odor and Intensity: No odor noticed during inspection, however, POSSIBLE ODOR DUE TO HIGH PID, NOT IN BREATHING ZONE	☐	☒
11. Is the well dry?	☐	☒
12. Is there product or sheen in the well?	☒	☐
13. If so, product thickness ~~(inches)~~ FEET .02 SW 9-10-14		
14. Is the well depth consistent with past depth measurements?	☒	☐
15. Are there well protections? Type: N/A	☐	☒

16. Previous well depth (feet): 33.42 BTOC Current well depth (feet): 33.42 BTOC

17. Depth to water (feet): 25.64 BTOC Depth to Product (feet): 25.62 BTOC

18. PID reading at wellhead (ppm): 378.0 Breathing Zone (ppm): 0.0

Additional notes: HARD BOTTOM
PHOTO COLLECTED (1018) FACING EAST

No sample collected; see Sampling Deviation Form - SW
due to product ≥ 0.02'

SW 9/15/14

Monitoring Well (Groundwater) Gauging
Visual Inspection Checklist

Project Name: Adak LTM 2014 Project No.: TO 05

Site Name: AREA 203 / GCI Compound Well ID.: 04-203

Inspector(s): J. Highstone, J. Santini Date/Time: 9-10-14 / 1006

Company: Sealaska Environmental Services, LLC

Weather/Temperature: MOSTLY CLOUDY, 15 mph WIND, 45°F

	Yes	No
1. Was the monitoring well located?	☒	☐
2. Is the well clearly labeled? If not, please re-label.	☒	☐
3. Is there a cap on the monitoring well?	☒	☐
4. Specify type of cap: 2" PVC SLIP		
5. Specify size and number of bolts on flush-mount cap: N/A		
6. Is there any evidence of tampering with the cap or well casing?	☐	☒
7. Is the monument in good condition?	☒	☐
8. Is the casing in good condition?	☒	☐
9. Are there any odors (e.g., petroleum or sulfide/rotten egg)? If yes, describe the odor and Intensity: LIGHT PETROLEUM	☒	☐
11. Is the well dry?	☐	☒
12. Is there product or sheen in the well?	☒	☐
13. If so, product thickness (~~inches~~ feet) ~~SHEEN~~ TRACE <0.01. SLW 9/15/14 9/17/14		
14. Is the well depth consistent with past depth measurements?	☒	☐
15. Are there well protections? Type: N/A	☐	☒

16. Previous well depth (feet): 33.32 BTOC Current well depth (feet): 33.33 BTOC

17. Depth to water (feet): 26.06 BTOC Depth to Product (feet): N/A

18. PID reading at wellhead (ppm): 110.0 Breathing Zone (ppm): 0.0

Additional notes: HARD BOTTOM

PHOTO COLLECTED (1012) FACING WEST

SLW 9/15/14

Monitoring Well (Groundwater) Gauging
Visual Inspection Checklist

Project Name: Adak LTM 2014 Project No.: TO 05

Site Name: AREA 3031 GLI Compound Well ID.: 04-204

Inspector(s): J. HIGHSTONE, J. SANTINI Date/Time: 9-10-14 / 1026

Company: Sealaska Environmental Services, LLC

Weather/Temperature: MOSTLY CLOUDY, 15 mph WIND, 45°F

	Yes	No
1. Was the monitoring well located?	☒	☐
2. Is the well clearly labeled? If not, please re-label.	☒	☐
3. Is there a cap on the monitoring well?	☒	☐
4. Specify type of cap: 2" PVC SLIP		
5. Specify size and number of bolts on flush-mount cap: N/A		
6. Is there any evidence of tampering with the cap or well casing?	☐	☒
7. Is the monument in good condition?	☒	☐
8. Is the casing in good condition?	☒	☐
9. Are there any odors (e.g., petroleum or sulfide/rotten egg)? If yes, describe the odor and Intensity:	☐	☒
11. Is the well dry?	☐	☒
12. Is there product or sheen in the well?	☒	☐
13. If so, product thickness (inches) ~~SHEEN~~ Last TRACE < .01. SW 9/12/14 9/17/14		
14. Is the well depth consistent with past depth measurements?	☒	☐
15. Are there well protections? Type: (3) BOLLARDS	☒	☐

16. Previous well depth (feet): 33.05 BTOC Current well depth (feet): 33.05 BTOC

17. Depth to water (feet): 25.48 BTOC Depth to Product (feet): N/A

18. PID reading at wellhead (ppm): 0.0 Breathing Zone (ppm): 0.0

Additional notes: HARD BOTTOM
PHOTO COLLECTED (1030) FACING NORTH

SW 9/12/14

Monitoring Well (Groundwater) Gauging
Visual Inspection Checklist

Project Name: Adak LTM 2014 Project No.: TO 05

Site Name: AREA 303 / GCI Compound Well ID.: 04-210

Inspector(s): J. Heightstone, J. Santini Date/Time: 9-10-14 / 1102

Company: Sealaska Environmental Services, LLC

Weather/Temperature: Mostly cloudy, 15 mph wind, 48°F

	Yes	No
1. Was the monitoring well located?	☒	☐
2. Is the well clearly labeled? If not, please re-label.	☒	☐
3. Is there a cap on the monitoring well?	☒	☐
4. Specify type of cap: 2" BUTTERFLY		
5. Specify size and number of bolts on flush-mount cap: (3) 9/16" BOLTS		
6. Is there any evidence of tampering with the cap or well casing?	☐	☒
7. Is the monument in good condition?	☒	☐
8. Is the casing in good condition?	☒	☐
9. Are there any odors (e.g., petroleum or sulfide/rotten egg)? If yes, describe the odor and Intensity:	☐	☒
11. Is the well dry?	☐	☒
12. Is there product or sheen in the well?	☒	☐
13. If so, product thickness (~~inches~~ feet) ~~SHEEN~~ TRACE <.01. RB 9/15/14 gd 9.17.14		
14. Is the well depth consistent with past depth measurements?	☒	☐
15. Are there well protections? Type: (4) BOLLARDS	☒	☐

16. Previous well depth (feet): 33.05 BTOC Current well depth (feet): 33.03 BTOC

17. Depth to water (feet): 24.44 BTOC Depth to Product (feet): N/A

18. PID reading at wellhead (ppm): 0.0 Breathing Zone (ppm): 0.0

Additional notes: SPONGY BOTTOM

PHOTO COLLECTED (1109) FACING EAST

SWJ 9/16/14

Monitoring Well (Groundwater) Gauging
Visual Inspection Checklist

Project Name: Adak LTM 2014 Project No.: TO 05

Site Name: AREA 303 / GCI COMPOUND Well ID.: 04-213

Inspector(s): J. HIGHSTONE, J. SANTINI Date/Time: 9-10-14 / 1032

Company: Sealaska Environmental Services, LLC

Weather/Temperature: MOSTLY CLOUDY, 15 mph WIND, 45°F

	Yes	No
1. Was the monitoring well located?	☒	☐
2. Is the well clearly labeled? If not, please re-label.	☒	☐
3. Is there a cap on the monitoring well?	☒	☐
4. Specify type of cap: 2" BUTTERFLY		
5. Specify size and number of bolts on flush-mount cap: (3) 9/16" BOLTS		
6. Is there any evidence of tampering with the cap or well casing?	☐	☒
7. Is the monument in good condition?	☒	☐
8. Is the casing in good condition?	☒	☐
9. Are there any odors (e.g., petroleum or sulfide/rotten egg)? If yes, describe the odor and Intensity: ~~N/A~~ mild sulfur ~~odor~~ odor during purging (SW 9/16/14) (SW 9/16/14)	☒	☒ SW 9/16/14
11. Is the well dry?	☐	☒
12. Is there product or sheen in the well?	☒	☐
13. If so, product thickness (~~inches~~ feet) ~~SHEEN~~ TRACE 2.01. (SW 9/16/14 JH 9.17.14)		
14. Is the well depth consistent with past depth measurements?	☒	☐
15. Are there well protections? Type: (1) BOLLARD	☒	☐

16. Previous well depth (feet): 29.95 BTOC Current well depth (feet): 29.95 BTOC

17. Depth to water (feet): ~~24.53~~ JH 9.15.14 24.53 BTOC Depth to Product (feet): N/A

18. PID reading at wellhead (ppm): 3.6 Breathing Zone (ppm): 0.0

Additional notes: SPONGY BOTTOM

PHOTO COLLECTED (1039) FACING EAST

DEPTH TO WATER (FEET) 23.53. CHANGED DEPTH, DOCUMENTATION APPARENT DUE TO ~~A POSSIBLE~~ MISREAD ON INTERFACE PROBE (based on measurement conducted on 9/11/14 ~~during~~ prior to purging). (SW 9/16/14) (SW 9/16/14)

SW 9/16/14

Monitoring Well (Groundwater) Gauging
Visual Inspection Checklist

Project Name: Adak LTM 2014 Project No.: TO 05

Site Name: AREA 303 | GCI COMPOUND Well ID.: 04-701

Inspector(s): J. HIGHSTONE, J. SANTINI Date/Time: 9-10-14 | 1152

Company: Sealaska Environmental Services, LLC

Weather/Temperature: PARTLY SUNNY, 15 mph WIND, 48°

	Yes	No
1. Was the monitoring well located?	☒	☐
2. Is the well clearly labeled? If not, please re-label.	☒	☐
3. Is there a cap on the monitoring well?	☒	☐
4. Specify type of cap: 2" BUTTERFLY		
5. Specify size and number of bolts on flush-mount cap: N/A		
6. Is there any evidence of tampering with the cap or well casing?	☐	☒
7. Is the monument in good condition?	☒	☐
8. Is the casing in good condition?	☒	☐
9. Are there any odors (e.g., petroleum or sulfide/rotten egg)? If yes, describe the odor and Intensity: N/A	☐	☒
11. Is the well dry?	☐	☒
12. Is there product or sheen in the well?	☒	☐
13. If so, product thickness (~~inches~~ feet) ~~SHEEN~~ TRACE <.01. RB 9/15/14 JA 9.17.14		
14. Is the well depth consistent with past depth measurements?	☒	☐
15. Are there well protections? Type: (4) BOLLARDS	☒	☐

16. Previous well depth (feet): 21.60 BTOC Current well depth (feet): 21.58 BTOC

17. Depth to water (feet): 13.80 BTOC Depth to Product (feet): N/A

18. PID reading at wellhead (ppm): 0.0 Breathing Zone (ppm): 0.0

Additional notes: HARD BOTTOM
PHOTO COLLECTED (1157) FACING NORTH

SWJ 9/16/14

Shoreline
Visual Inspection Checklist

Project Name: Adak LTM 2014 Project No.: TO 05

Site Name: AREA 303 Inspection Location: NORTH END OF EAST CANAL FROM TARMAC TO BOOM #8

Inspector(s): J. HIGHSTONE, J. SANTINI Date/Time: 9-5-14 / 1331

Organization: Sealaska Environmental Services, LLC

Weather/Temperature: CLOUDY, HEAVY RAIN, NE WIND 25 MPH, 50°F

		Yes	No
1.	Was a contaminant seep located? If yes, describe the seep (including length and width) and flow rate.	☐	☒

NO SEEP AT THIS LOCATION OF AREA 303 BUT SEEP IS EVIDENT DIRECTLY ADJACENT TO THIS SITE AT BEGINNING OF SWMU67 SHORELINE

2.	Is the seep flowing directly into a surface water body?	☐	☐	N/A
3.	Is this a new seep or a seep that has been previously documented? _____			
4.	Are there any odors? If yes, describe odor and intensity	☐	☒	

5.	Is there distressed vegetation growing at the seep location?	☐	☐	N/A
6.	Is the shoreline discolored by suspected contamination? If yes, describe appearance, location, and square footage	☒	☐	

SURFACE PETROLEUM SHEENING LOCATED IN POOLED WATERS OF MARSHY AREA DUE TO OVERFLOWING / FLOODING FROM SWMU67 BOOM SECTION #8.

8.	Is any suspect ordnance found on the shoreline? If yes, describe the location and approximate size and shape, and color without approaching ordnance. Note location on back of form. Secure area. Stop work! Notify Navy CSO immediately!	☐	☒
9.	Was there any other manmade debris (exclude items from off-island activities) found on the shoreline that could likely be contributing to contamination? If yes, describe.	☐	☒

Additional Notes: INSPECTED AREA WAS HEAVILY VEGETATED WITH TALL GRASS AND MARSHY AREAS. SEVERAL POOLED AREAS IN MARSH AREA HAVING LIGHT PETROLEUM SHEENING DUE TO CANAL BEING FLOODED DUE TO EXCESSIVE RAINS AND DIKE PUMPS NOT BEING OPERATED ON A REGULAR BASIS.

SWJ 9/6/14

Monitoring Well (Groundwater) Gauging
Visual Inspection Checklist

Project Name: Adak LTM 2014 Project No.: TO 05

Site Name: Former Power Plant Well ID.: 01-118

Inspector(s): W Kaage B. Schlegel Date/Time: 09-09-14 1425

Company: Sealaska Environmental Services, LLC

Weather/Temperature: 54°F Cloudy wind 8mph WSW

	Yes	No
1. Was the monitoring well located?	☒	☐
2. Is the well clearly labeled? If not, please re-label.	☒	☐
3. Is there a cap on the monitoring well?	☒	☐
4. Specify type of cap: 2" PVC SLIP CAP		
5. Specify size and number of bolts on flush-mount cap: 3 x 9/16"		
6. Is there any evidence of tampering with the cap or well casing?	☐	☒
7. Is the monument in good condition?	☒	☐
8. Is the casing in good condition?	☒	☐
9. Are there any odors (e.g., petroleum or sulfide/rotten egg)? If yes, describe the odor and Intensity: PETROLEUM - ~~MILD~~ MODERATE (WK 9-9-14)	☒	☒ WK-9-9-14
11. Is the well dry?	☐	☒
12. Is there product or sheen in the well? Sheen midway through purge	☒	~~☐~~ ☒ 9/9/14
13. If so, product thickness (~~inches~~ feet) NA (~~sheen <0.01'~~) SW 9/10/14 (SW 9/10/14)		
14. Is the well depth consistent with past depth measurements?	☒	☐
15. Are there well protections? Type: NA	☐	☒

16. Previous well depth (feet): 29.45 BTOC Current well depth (feet): 29.53 BTOC

17. Depth to water (feet): 15.94 BTOC Depth to Product (feet): NA

18. PID reading at wellhead (ppm): 0.0 Breathing Zone (ppm): 0.0

Additional notes:

· WHITE INVERTEBRATES PRESENT ON PROBE THROUGHOUT PURGE/SAMPLING

Midway through purge sheen was evident.

SW 9/10/14

Monitoring Well (Groundwater) Gauging
Visual Inspection Checklist

Project Name: Adak LTM 2014 Project No.: TO 05

Site Name: Former Power Plant Well ID.: 01-150

Inspector(s): W. Kaage B. Schlegel Date/Time: 09-09-14 1255

Company: Sealaska Environmental Services, LLC

Weather/Temperature: 54°F Cloudy w/ winds WSW 8 mph

	Yes	No
1. Was the monitoring well located?	☑	☐
2. Is the well clearly labeled? If not, please re-label.	☑	☐
3. Is there a cap on the monitoring well?	☑	☐
4. Specify type of cap: 1.5" J plug		
5. Specify size and number of bolts on flush-mount cap: NA		
6. Is there any evidence of tampering with the cap or well casing?	☐	☑
7. Is the monument in good condition?	☑	☐
8. Is the casing in good condition?	☑	☐
9. Are there any odors (e.g., petroleum or sulfide/rotten egg)? If yes, describe the odor and Intensity: NA	☐	☑
11. Is the well dry?	☐	☑
12. Is there product or sheen in the well?	☐	☑
13. If so, product thickness (inches) NA.		
14. Is the well depth consistent with past depth measurements?	☑	☐
15. Are there well protections? Type: NA	☐	☑

16. Previous well depth (feet): 27.03 btoc Current well depth (feet): 27.11 btoc

17. Depth to water (feet): 19.24 btoc Depth to Product (feet): NA

18. PID reading at wellhead (ppm): 0.0 Breathing Zone (ppm): 0.0

Additional notes:

JW 9/10/14

Monitoring Well (Groundwater) Gauging
Visual Inspection Checklist

Project Name: Adak LTM 2014 Project No.: TO 05

Site Name: FORMER POWER PLANT BUILDING - T-1451 Well ID.: MW-1451-1

Inspector(s): J. HIGHSTONE, J. SANTINI Date/Time: 9-9-14 / 1019

Company: Sealaska Environmental Services, LLC

Weather/Temperature: OVERCAST, 5 mph WIND, 50° F

	Yes	No
1. Was the monitoring well located?	☒	☐
2. Is the well clearly labeled? If not, please re-label.	☒	☐
3. Is there a cap on the monitoring well?	☒	☐
4. Specify type of cap: 2" BUTTERFLY		
5. Specify size and number of bolts on flush-mount cap: N/A		
6. Is there any evidence of tampering with the cap or well casing?	☐	☒
7. Is the monument in good condition?	☒	☐
8. Is the casing in good condition?	☒	☐
9. Are there any odors (e.g., petroleum or sulfide/rotten egg)? If yes, describe the odor and Intensity: MODERATE TO HEAVY PETROLEUM	☒	☐
11. Is the well dry?	☐	☒
12. Is there product or sheen in the well?	☒	☐
13. If so, product thickness (~~inches~~ feet) 0.26 SLW 9/10/14.		
14. Is the well depth consistent with past depth measurements?	☒	☐
15. Are there well protections? Type: (3) BOLLARDS - LOOSE	☒	☐

16. Previous well depth (feet): 15.15 BTOC Current well depth (feet): 15.11 BTOC

17. Depth to water (feet): 6.67 BTOC Depth to Product (feet): 6.41 BTOC

18. PID reading at wellhead (ppm): 8.1 Breathing Zone (ppm): 0.0

Additional notes: HARD BOTTOM

PHOTO COLLECTED (1026) NORTHWEST

No sample collected due to product thickness ≥ 0.02'; see Sampling Deviation Form. SLW

SLW 9/10/14

Monitoring Well (Groundwater) Gauging
Visual Inspection Checklist

Project Name: Adak LTM 2014 Project No.: TO 05

Site Name: Former Power Plant Building T-1451 Well ID.: MW-1451-2

Inspector(s): J. Highstone, J. Santini Date/Time: 9-9-14 / 1027

Company: Sealaska Environmental Services, LLC

Weather/Temperature: Overcast, 5 mph wind, 50° F

	Yes	No
1. Was the monitoring well located?	☒	☐
2. Is the well clearly labeled? If not, please re-label.	☒	☐
3. Is there a cap on the monitoring well?	☒	☐
4. Specify type of cap: 2" Butterfly		
5. Specify size and number of bolts on flush-mount cap: N/A		
6. Is there any evidence of tampering with the cap or well casing?	☐	☒
*7. Is the monument in good condition?	~~☒~~	~~☒~~ JW 9/10/14 No
8. Is the casing in good condition?	☒	☐
9. Are there any odors (e.g., petroleum or sulfide/rotten egg)? If yes, describe the odor and Intensity: NA	☐	☒
11. Is the well dry?	☐	☒
12. Is there product or sheen in the well?	☒	☐
13. If so, product thickness (~~inches~~ feet) ~~SHEEN~~ TRACE JW 9/10/14 <.01.		
14. Is the well depth consistent with past depth measurements?	☒	☐
15. Are there well protections? Type: (3) Bollard Loose	☒	☐

16. Previous well depth (feet): 14.42 BTOC Current well depth (feet): 14.43 BTOC

17. Depth to water (feet): 5.90 BTOC Depth to Product (feet): N/A

18. PID reading at wellhead (ppm): 0.0 Breathing Zone (ppm): 0.0

Additional notes:

PHOTO COLLECTED (1031) FACING NORTH

* MONUMENT CONCRETE PAD BROKE/CRACKED

9/10/14 - DTW = 6.26 ft btoc prior to purge for sampling EB 9/13/14

JW 9/10/14

Monitoring Well (Groundwater) Gauging
Visual Inspection Checklist

Project Name: Adak LTM 2014 Project No.: TO 05

Site Name: Former Power Plant Well ID.: MW-1451-3

Inspector(s): W. Kange B. Schlesgov Date/Time: 09-09-14 0945

Company: Sealaska Environmental Services, LLC

Weather/Temperature: 54°F Cloudy wind WSW 4 5mph

	Yes	No
1. Was the monitoring well located?	☒	☐
2. Is the well clearly labeled? If not, please re-label.	☒	☐
3. Is there a cap on the monitoring well?	☒	☐
4. Specify type of cap: 2" Butterfly		
5. Specify size and number of bolts on flush-mount cap: NA		
6. Is there any evidence of tampering with the cap or well casing?	☐	☒
7. Is the monument in good condition?	☒	☐
8. Is the casing in good condition?	☒	☐
9. Are there any odors (e.g., petroleum or sulfide/rotten egg)? If yes, describe the odor and Intensity: NA	☐	☒
11. Is the well dry?	☐	☒
12. Is there product or sheen in the well?	☐	☒
13. If so, product thickness (inches) NA.		
14. Is the well depth consistent with past depth measurements?	☒	☐
15. Are there well protections? Type: 3 Bollards	☒	☐

16. Previous well depth (feet): 13.62 btoc Current well depth (feet): 13.66 btoc

17. Depth to water (feet): 5.26 btoc Depth to Product (feet): NA

18. PID reading at wellhead (ppm): 0.0 Breathing Zone (ppm): 0.0

Additional notes:

SW 9/10/14

Monitoring Well (Groundwater) Gauging
Visual Inspection Checklist

Project Name: Adak LTM 2014 Project No.: TO 05

Site Name: Former Power Plant Well ID.: MW-1451-4

Inspector(s): W. Kaage B. Schlanger Date/Time: 09-09-14 0820

Company: Sealaska Environmental Services, LLC

Weather/Temperature: 54°F Cloudy winds WSW 8 mph

	Yes	No
1. Was the monitoring well located?	☒	☐
2. Is the well clearly labeled? If not, please re-label.	☒	☐
3. Is there a cap on the monitoring well?	☒	☐
4. Specify type of cap: 2" Butterfly		
5. Specify size and number of bolts on flush-mount cap: NA		
6. Is there any evidence of tampering with the cap or well casing? No	~~☒~~	~~☒~~ (BS) 9/9/14
7. Is the monument in good condition?	☒	☐
8. Is the casing in good condition?	☒	☐
9. Are there any odors (e.g., petroleum or sulfide/rotten egg)? If yes, describe the odor and Intensity: NA	☐	☒
11. Is the well dry?	☐	☒
12. Is there product or sheen in the well?	☐	☒
13. If so, product thickness (inches) NA.		
14. Is the well depth consistent with past depth measurements?	☒	☐
15. Are there well protections? Type: 3 Bollards	☒	☐

16. Previous well depth (feet): 14.9 btoc Current well depth (feet): 14.61 btoc

17. Depth to water (feet): 6.07 btoc Depth to Product (feet): NA

18. PID reading at wellhead (ppm): 0.0 Breathing Zone (ppm): 0.0

Additional notes:

10' Screen

SWJ 9/10/14

Monitoring Well (Groundwater) Gauging
Visual Inspection Checklist

Project Name: Adak LTM 2014 Project No.: TO 05

Site Name: FORMER POWER PLANT BUILDING T-1451 Well ID.: MW-1451-5

Inspector(s): J. HIGHSTONE ; J. SANTENI Date/Time: 9-9-14 / 1103

Company: Sealaska Environmental Services, LLC

Weather/Temperature: OVERCAST / 5 mph WIND / 50° F

	Yes	No
1. Was the monitoring well located?	☒	☐
2. Is the well clearly labeled? If not, please re-label.	☒	☐
3. Is there a cap on the monitoring well?	☒	☐
4. Specify type of cap: 2" BUTTERFLY		
5. Specify size and number of bolts on flush-mount cap: N/A		
6. Is there any evidence of tampering with the cap or well casing?	☐	☒
7. Is the monument in good condition?	☒	☐
8. Is the casing in good condition?	☒	☐
9. Are there any odors (e.g., petroleum or sulfide/rotten egg)? If yes, describe the odor and Intensity: ~~NA~~ SLW 9/10/14 mild petroleum odor during purging on 9/10/14 (SLW)	☒	☒ SLW 9/10/14
11. Is the well dry?	☐	☒
12. Is there product or sheen in the well?	☒	☐
13. If so, product thickness (~~inches~~ feet) ~~SHEEN~~ TRACE SLW 9/10/14 <0.01.		
14. Is the well depth consistent with past depth measurements?	☒	☐
15. Are there well protections? Type: (3) BOLLARDS	☒	☐

16. Previous well depth (feet): 15.80 BTOC Current well depth (feet): 15.78 BTOC

17. Depth to water (feet): 6.24 BTOC Depth to Product (feet): N/A

18. PID reading at wellhead (ppm): 0.0 Breathing Zone (ppm): 0.0

Additional notes: HARD BOTTOM JHA 9-9-14

PHOTO COLLECTED (1107) FACING ~~[illegible]~~ EAST

9/10/14 - DTW = 6.47 ft btoc prior to purge for sampling EB 9/13/14

SLW 9/10/14

Monitoring Well (Groundwater) Gauging
Visual Inspection Checklist

Project Name: Adak LTM 2014 Project No.: TO 05

Site Name: FORMER POWER PLANT BUILDING T-1451 Well ID.: MW-1451-6

Inspector(s): J. WEIGLSTONE, J. SANTENI Date/Time: 9-9-14 / 1040

Company: Sealaska Environmental Services, LLC

Weather/Temperature: OVERCAST, 5 MPH WIND, 50° F

	Yes	No
1. Was the monitoring well located?	☒	☐
2. Is the well clearly labeled? If not, please re-label.	☒	☐
3. Is there a cap on the monitoring well?	☒	☐
4. Specify type of cap: 2" BUTTERFLY		
5. Specify size and number of bolts on flush-mount cap: NA		
6. Is there any evidence of tampering with the cap or well casing?	☐	☒
7. Is the monument in good condition?	☒	☐
8. Is the casing in good condition?	☒	☐
9. Are there any odors (e.g., petroleum or sulfide/rotten egg)? If yes, describe the odor and Intensity: HEAVY PETROLEUM ODOR	☒	☐ *
11. Is the well dry?	☐	☒
12. Is there product or sheen in the well?	☒	☐ +
13. If so, product thickness ~~(inches)~~ feet ~~SHEEN~~ trace (.01). (BB 9/9/14)		
14. Is the well depth consistent with past depth measurements?	☒	☐
15. Are there well protections? Type: (3) BOLLARDS	☒	☐

16. Previous well depth (feet): 13.55 btoc Current well depth (feet): 13.56 btoc

17. Depth to water (feet): 4.25 btoc Depth to Product (feet): N/A

18. PID reading at wellhead (ppm): 18.5 Breathing Zone (ppm): 0.0

Additional notes: HARD BOTTOM
PHOTO COLLECTED (1048) FACING NORTH

+ - No sheen or odor observed during purging on 9/10/14. (SW)
9/10/14 - DTW = 4.99 ft btoc prior to purge for sampling

SW 9/11/14

Monitoring Well (Groundwater) Gauging
Visual Inspection Checklist

Project Name: Adak LTM 2014 Project No.: TO 05

Site Name: Former Power Plant Building T-1451 Well ID.: MW-1451-7

Inspector(s): J. Highstone, J. Santini Date/Time: 9-9-14 / 1032

Company: Sealaska Environmental Services, LLC

Weather/Temperature: Overcast, 5 mph wind, 50°F

	Yes	No
1. Was the monitoring well located?	☒	☐
2. Is the well clearly labeled? If not, please re-label.	☒	☐
3. Is there a cap on the monitoring well?	☒	☐
4. Specify type of cap: 2" Butterfly		
5. Specify size and number of bolts on flush-mount cap: N/A		
6. Is there any evidence of tampering with the cap or well casing?	☐	☒
7. Is the monument in good condition?	☒	☐
8. Is the casing in good condition?	☒	☐
9. Are there any odors (e.g., petroleum or sulfide/rotten egg)? If yes, describe the odor and Intensity: Moderate / Heavy Petroleum Odor	☒	☐
11. Is the well dry?	☐	☒
12. Is there product or sheen in the well?	☒	☐
13. If so, product thickness (~~inches~~ feet) 0.87 SW 9/10/14.		
14. Is the well depth consistent with past depth measurements?	☒	☐
15. Are there well protections? Type: (3) Bollards	☒	☐

16. Previous well depth (feet): 15.04 btoc Current well depth (feet): 15.00 btoc

17. Depth to water (feet): 6.75 btoc Depth to Product (feet): 5.88 btoc

18. PID reading at wellhead (ppm): 20.4 Breathing Zone (ppm): 0.0

Additional notes:

Photo collected (1038) facing North

No sample collected due to product thickness ≥ 0.02'; see Sampling Deviation Form. SW

SW 9/10/14

Monitoring Well (Groundwater) Gauging
Visual Inspection Checklist

Project Name: Adak LTM 2014 Project No.: TO 05

Site Name: Former Power Plant Building T-1451 Well ID.: MW-1451-8

Inspector(s): J. Highstone, J. Santini Date/Time: 9.9.14 / 1057

Company: Sealaska Environmental Services, LLC

Weather/Temperature: OVERCAST, 5 mph WIND, 50° F

	Yes	No
1. Was the monitoring well located?	☒	☐
2. Is the well clearly labeled? If not, please re-label.	☒	☐
3. Is there a cap on the monitoring well?	☒	☐
4. Specify type of cap: 2" Butterfly		
5. Specify size and number of bolts on flush-mount cap: N/A		
6. Is there any evidence of tampering with the cap or well casing?	☐	☒
7. Is the monument in good condition?	☒	☐
8. Is the casing in good condition?	☒	☐
9. Are there any odors (e.g., petroleum or sulfide/rotten egg)? If yes, describe the odor and Intensity: N/A	☐	☒
11. Is the well dry?	☐	☒
12. Is there product or sheen in the well?	☒	☐
13. If so, product thickness (~~inches~~ feet) ~~SHEEN~~ TRACE <.01. SWJ 9/12/14		
14. Is the well depth consistent with past depth measurements?	☒	☐
15. Are there well protections? Type: (3) Bollards	☒	☐

16. Previous well depth (feet): 15.80 btoc Current well depth (feet): 16.10 btoc

17. Depth to water (feet): 6.23 btoc Depth to Product (feet): N/A

18. PID reading at wellhead (ppm): 0.0 Breathing Zone (ppm): 0.0

Additional notes: HARD BOTTOM

PHOTO COLLECTED (1102) FACING ~~NORTH~~ EAST JH 9.9.14

9/10/14 - DTW = 6.35 ft btoc prior to purge for sampling RB 9/13/14

SWJ 9/12/14

Monitoring Well (Groundwater) Gauging
Visual Inspection Checklist

Project Name: Adak LTM 2014 Project No.: TO 05

Site Name: FORMER POWER PLANT BUILDING 1451 Well ID.: MW-1451-9

Inspector(s): J. HIGHSTONE, J. SANTINI Date/Time: 9-9-14 / 1049

Company: Sealaska Environmental Services, LLC

Weather/Temperature: OVERCAST, 5 mph WIND, 50° F

	Yes	No
1. Was the monitoring well located?	☒	☐
2. Is the well clearly labeled? If not, please re-label.	☒	☐
3. Is there a cap on the monitoring well?	☒	☐
4. Specify type of cap: 2" BUTTERFLY		
5. Specify size and number of bolts on flush-mount cap: N/A		
6. Is there any evidence of tampering with the cap or well casing?	☐	☒
7. Is the monument in good condition?	☒	☐
8. Is the casing in good condition?	☒	☐
9. Are there any odors (e.g., petroleum or sulfide/rotten egg)? If yes, describe the odor and Intensity:	☐	☒
11. Is the well dry?	9.9.14 JH ☐	☒ NO
12. Is there product or sheen in the well?	yes ☒	☒ JH 9.9.14
13. If so, product thickness (~~inches~~) feet ~~SHEEN~~ TRACE <.01. RB 9/13/14 SLW 9/12/14		
14. Is the well depth consistent with past depth measurements?	☒	☐
15. Are there well protections? Type: (3) BOLLARDS	☒	☐

16. Previous well depth (feet): 16.15 BTOC Current well depth (feet): 16.17 BTOC

17. Depth to water (feet): 8.11 BTOC Depth to Product (feet): N/A

18. PID reading at wellhead (ppm): 0.0 Breathing Zone (ppm): 0.0

Additional notes: SOFT BOTTOM

PHOTO COLLECTED (1054) FACING NORTH

9/10/14 - DTW = 8.25 ft btoc prior to purge for sampling RB 9/13/14

SLW 9/12/14

Monitoring Well (Groundwater) Gauging
Visual Inspection Checklist

Project Name: Adak LTM 2014 Project No.: TO 05

Site Name: FORMER POWER PLANT BUILDING T-1451 Well ID.: E-701

Inspector(s): J. HIGHSTONE, J. SANTINI Date/Time: 9-9-14 / 1004

Company: Sealaska Environmental Services, LLC

Weather/Temperature: OVERCAST / NO WIND / 50° F

	Yes	No
1. Was the monitoring well located?	☒	☐
2. Is the well clearly labeled? If not, please re-label.	☒	☐
3. Is there a cap on the monitoring well?	☒	☐
4. Specify type of cap: 2" PVC SLIP		
5. Specify size and number of bolts on flush-mount cap: N/A		
6. Is there any evidence of tampering with the cap or well casing?	☐	☒
7. Is the monument in good condition?	☒	☐
8. Is the casing in good condition?	☒	☐
9. Are there any odors (e.g., petroleum or sulfide/rotten egg)? If yes, describe the odor and Intensity:	☐	☒
11. Is the well dry?	☐	☒
12. Is there product or sheen in the well?	☒	☐
13. If so, product thickness (~~inches~~ feet) ~~SHEEN~~ TRACE 1.01. PB 9/9/14 SW 9/17/14		
14. Is the well depth consistent with past depth measurements?	☒	☐
15. Are there well protections? Type: N/A	☐	☒

16. Previous well depth (feet): 24.26 BTOC Current well depth (feet): 24.25 BTOC

17. Depth to water (feet): 17.89 BTOC Depth to Product (feet): N/A

18. PID reading at wellhead (ppm): 0.0 Breathing Zone (ppm): 0.0

Additional notes: HARD BOTTOM

PHOTO COLLECTED (1009) FACING SOUTH EAST

No sheen observed during purging on 9/10/14. (SW)

SW 9/11/14

Monitoring Well (Groundwater) Gauging
Visual Inspection Checklist

Project Name: Adak LTM 2014 Project No.: TO 05

Site Name: NMCB Well ID.: OJ-300

Inspector(s): J. HILLHOUSE, J. SANTIAGO Date/Time: 08/26/14 1039

Company: Sealaska Environmental Services, LLC

Weather/Temperature: RAIN, 50°F, 5 MPH WIND

	Yes	No
1. Was the monitoring well located?	☒	☐
2. Is the well clearly labeled? If not, please re-label.	☒	☐
3. Is there a cap on the monitoring well?	☒	☐
4. Specify type of cap: 2" BUTTERFLY PVC		
5. Specify size and number of bolts on flush-mount cap: NA		
6. Is there any evidence of tampering with the cap or well casing?	☐	☒
7. Is the monument in good condition?	☒	☐
8. Is the casing in good condition?	☒	☐
9. Are there any odors (e.g., petroleum or sulfide/rotten egg)? If yes, describe the odor and Intensity: SLIGHT PETROLEUM ODOR	☒	☐
11. Is the well dry?	☐	☒
12. Is there product or sheen in the well?	☒	☐
13. If so, product thickness (~~inches~~ FEET) 0.17 FT ~~BTOC~~ SLW 8/26/14 SLW 8/26/14		
14. Is the well depth consistent with past depth measurements?	☒	☐
15. Are there well protections? Type: 3 BOLLARDS	☒	☐

16. Previous well depth (feet): 17.56 FT BTOC (2013) Current well depth (feet): 17.56 FT BTOC

17. Depth to water (feet): 9.50 FT BTOC Depth to Product (feet): 9.38 FT BTOC

18. PID reading at wellhead (ppm): 3.0 PPM BTOC Breathing Zone (ppm): 0.0 PPM BTOC

Additional notes: PHOTO COLLECTED FOR PHOTO LOG (1047) FACING SOUTH

SLW 8/26/14

Monitoring Well (Groundwater) Gauging
Visual Inspection Checklist

Project Name: Adak LTM 2014 Project No.: TO 05

Site Name: NMCB Well ID.: 02-301

Inspector(s): J. HIGHSTONE, J. SANTINI Date/Time: 8/26/14 0949

Company: Sealaska Environmental Services, LLC

Weather/Temperature: OVERCAST / LIGHT RAIN, 50°F, 5 MPH WIND

	Yes	No
1. Was the monitoring well located?	☒	☐
2. Is the well clearly labeled? If not, please re-label.	☒	☐
3. Is there a cap on the monitoring well?	☒	☐
4. Specify type of cap: 2" SLIP CAP PVC		
5. Specify size and number of bolts on flush-mount cap: NA		
6. Is there any evidence of tampering with the cap or well casing?	☐	☒
7. Is the monument in good condition?	☒	☐
8. Is the casing in good condition?	☒	☐
9. Are there any odors (e.g., petroleum or sulfide/rotten egg)? If yes, describe the odor and Intensity: NA	☐	☒
11. Is the well dry?	☐	☒
12. Is there product or sheen in the well? ~~SHEEN~~ SLW 8/26/14	☒	☐
13. If so, product thickness ~~(inches)~~ FEET ~~NA~~ trace (LESS THAN 0.01') SLW 8/26/14 SLW 8/26/14		
14. Is the well depth consistent with past depth measurements?	☐	☒
15. Are there well protections? Type: NA	☐	☒

16. Previous well depth (feet): 19.53 FT BTOC (2013) Current well depth (feet): 19.35 FT BTOC

17. Depth to water (feet): 12.02 FT BTOC Depth to Product (feet): NA

18. PID reading at wellhead (ppm): 0.0 PPM Breathing Zone (ppm): 0.0 PPM

Additional notes: JA 8-26-14

PHOTO COLLECTED FOR PHOTO LOG ~~(0958)~~ 0954

FACING WEST

SLW 8/26/14

Monitoring Well (Groundwater) Gauging
Visual Inspection Checklist

Project Name: Adak LTM 2014 Project No.: TO 05

Site Name: NMCB Well ID.: 02-451

Inspector(s): J. HIGHSTONE, J. SANTINI Date/Time: 08/26/14 1549

Company: Sealaska Environmental Services, LLC

Weather/Temperature: LIGHT RAIN, 50 °F, 15 MPH WIND

	Yes	No
1. Was the monitoring well located?	☒	☐
2. Is the well clearly labeled? If not, please re-label.	☒	☐
3. Is there a cap on the monitoring well?	☒	☐
4. Specify type of cap: 2" BUTTERFLY PVC		
5. Specify size and number of bolts on flush-mount cap: NA		
6. Is there any evidence of tampering with the cap or well casing?	☐	☒
7. Is the monument in good condition?	☒	☐
8. Is the casing in good condition?	☒	☐
9. Are there any odors (e.g., petroleum or sulfide/rotten egg)? If yes, describe the odor and Intensity: NA	☐	☒
11. Is the well dry?	☐	☒
12. Is there product or sheen in the well?	☒	☐
13. If so, product thickness ~~(inches)~~ FEET ~~SHEEN~~ TRACE (LESS THAN 0.01 FT) SLW 8/26/14 SLW 8/26/14		
14. Is the well depth consistent with past depth measurements?	☒	☐
15. Are there well protections? Type: 3 BOLLARDS	☒	☐

16. Previous well depth (feet): 21.17 FT BTOC (2013) Current well depth (feet): 21.15 FT BTOC

17. Depth to water (feet): 8.33 FT BTOC Depth to Product (feet): NA

18. PID reading at wellhead (ppm): 0.0 PPM Breathing Zone (ppm): 0.0 PPM

Additional notes:

PHOTO COLLECTED FOR PHOTO LOG (1552)
FACING EAST

SLW 8/26/14

Monitoring Well (Groundwater) Gauging
Visual Inspection Checklist

Project Name: Adak LTM 2014 Project No.: TO 05

Site Name: NMCB Well ID.: 02-452

Inspector(s): J. SANTINI, J. HIGHSTONE Date/Time: 08/26/14 1600

Company: Sealaska Environmental Services, LLC

Weather/Temperature: RAIN, 50°F, 10 MPH WIND

	Yes	No
1. Was the monitoring well located?	☒	☐
2. Is the well clearly labeled? If not, please re-label.	☒	☐
3. Is there a cap on the monitoring well?	☒	☐
4. Specify type of cap: 2" BUTTERFLY		
5. Specify size and number of bolts on flush-mount cap: NA		
6. Is there any evidence of tampering with the cap or well casing?	☐	☒
7. Is the monument in good condition?	☒	☐
8. Is the casing in good condition?	☒	☐
9. Are there any odors (e.g., petroleum or sulfide/rotten egg)? If yes, describe the odor and Intensity: NA	☐	☒
11. Is the well dry?	☐	☒
12. Is there product or sheen in the well?	☒	☐
13. If so, product thickness (~~inches~~ FEET) ~~SHEEN~~ trace (LESS THAN 0.01 FT) SW 8/26/14		
14. Is the well depth consistent with past depth measurements?	☒	☐
15. Are there well protections? Type: 3 BOLLARDS (2013)	☒	☐

16. Previous well depth (feet): 20.11 FT BTOC Current well depth (feet): 20.07 FT BTOC

17. Depth to water (feet): 9.00 FT BTOC Depth to Product (feet): NA

18. PID reading at wellhead (ppm): 0.0 PPM Breathing Zone (ppm): 0.0 PPM

Additional notes:

PHOTOS COLLECTED FOR PHOTO LOG (1604)
FACING SOUTHWEST

SW 8/26/14

Monitoring Well (Groundwater) Gauging
Visual Inspection Checklist

Project Name: Adak LTM 2014 Project No.: TO 05

Site Name: NMCP Well ID.: OJ-453

Inspector(s): J. HIGHSTONE J. SANTINI Date/Time: 08/26/14 1510

Company: Sealaska Environmental Services, LLC

Weather/Temperature: OVERCAST, 50°F, 10 MPH WIND

	Yes	No
1. Was the monitoring well located?	☒	☐
2. Is the well clearly labeled? If not, please re-label.	☒	☐
3. Is there a cap on the monitoring well?	☒	☐
4. Specify type of cap: 2" BUTTERFLY		
5. Specify size and number of bolts on flush-mount cap: NA		
6. Is there any evidence of tampering with the cap or well casing?	☐	☒
7. Is the monument in good condition?	☒	☐
8. Is the casing in good condition?	☒	☐
9. Are there any odors (e.g., petroleum or sulfide/rotten egg)? If yes, describe the odor and Intensity: SLIGHT PETROLEUM ODOR	☒	☐
11. Is the well dry?	☐	☒
12. Is there product or sheen in the well?	☒	☐
13. If so, product thickness ~~(inches)~~ FEET 0.02 FT. SIW 8/26/14		
14. Is the well depth consistent with past depth measurements?	☒	☐
15. Are there well protections? Type: 2 BOLLARDS	☒	☐

16. Previous well depth (feet): 15.10 FT BTOC (2013) Current well depth (feet): 15.09 FT BTOC

17. Depth to water (feet): 8.86 FT BTOC Depth to Product (feet): 8.84 FT BTOC

18. PID reading at wellhead (ppm): 0.0 PPM Breathing Zone (ppm): 0.0 PPM

Additional notes:

PHOTO COLLECTED FOR PHOTO LOG (1515)
FACING SOUTH

SIW 8/26/14

Monitoring Well (Groundwater) Gauging
Visual Inspection Checklist

Project Name: Adak LTM 2014 Project No.: TO 05

Site Name: NMCB Well ID.: 02-455

Inspector(s): J. HIGHSTONE, J. SANTINI Date/Time: 08/26/14 1108

Company: Sealaska Environmental Services, LLC

Weather/Temperature: RAIN 50°F 5 MPH WIND

	Yes	No
1. Was the monitoring well located?	☒	☐
2. Is the well clearly labeled? If not, please re-label.	☒	☐
3. Is there a cap on the monitoring well?	☒	☐
4. Specify type of cap: 2" BUTTERFLY		
5. Specify size and number of bolts on flush-mount cap: NA		
6. Is there any evidence of tampering with the cap or well casing?	☐	☒
7. Is the monument in good condition?	☒	☐
8. Is the casing in good condition?	☒	☐
9. Are there any odors (e.g., petroleum or sulfide/rotten egg)? If yes, describe the odor and Intensity: NA	☐	☒
11. Is the well dry?	☐	☒
12. Is there product or sheen in the well?	☐	☒
13. If so, product thickness (inches) NA.		
14. Is the well depth consistent with past depth measurements?	☒	☐
15. Are there well protections? Type: 2 BOLLARDS	☒	☐

16. Previous well depth (feet): 17.85 FT BTOC (2013) Current well depth (feet): 17.95 FT BTOC

17. Depth to water (feet): 11.42 FT BTOC Depth to Product (feet): NA

18. PID reading at wellhead (ppm): 0.0 PPM Breathing Zone (ppm): 0.0 PPM

Additional notes:

PHOTO COLLECTED FOR PHOTO LOG (1115)
FACING WEST
BENT BOLLARD NEAR MONUMENT

SWJ 8/26/14

Monitoring Well (Groundwater) Gauging
Visual Inspection Checklist

Project Name: Adak LTM 2014 Project No.: TO 05

Site Name: NMCB Well ID.: OJ-461

Inspector(s): J. SANTINI, J. HIGHSTONE Date/Time: 08/26/14 1608

Company: Sealaska Environmental Services, LLC

Weather/Temperature: RAIN, 50°F, 5 MPH WIND

	Yes	No
1. Was the monitoring well located?	☒	☐
2. Is the well clearly labeled? If not, please re-label.	☒	☐
3. Is there a cap on the monitoring well?	☒	☐
4. Specify type of cap: 2" BUTTERFLY		
5. Specify size and number of bolts on flush-mount cap: 2 x 9/16" BOLTS		
6. Is there any evidence of tampering with the cap or well casing?	☐	☒
7. Is the monument in good condition?	☒	☐
8. Is the casing in good condition?	☒	☐
9. Are there any odors (e.g., petroleum or sulfide/rotten egg)? If yes, describe the odor and Intensity: NA	☒	~~☐~~ → yes, slight petroleum odor during purging (slw 8/30/14)
11. Is the well dry?	☐	☒
12. Is there product or sheen in the well?	☒	☐
13. If so, product thickness ~~(inches)~~ FEET (slw 8/26/14) ~~SHEEN~~ TRACE. (LESS THAN 0.01 FT)		
14. Is the well depth consistent with past depth measurements?	☒	☐
15. Are there well protections? Type: NA	☐	☒

16. Previous well depth (feet): 14.33 FT BTOC (2013) Current well depth (feet): 14.31 FT BTOC

17. Depth to water (feet): 6.49 FT BTOC Depth to Product (feet): NA

18. PID reading at wellhead (ppm): 0.0 PPM Breathing Zone (ppm): 0.0 PPM

Additional notes:

PHOTO COLLECTED FOR PHOTO LOG (1619)
FACING SOUTH
8/27/14 - DTW = 6.40 ft btoc prior to purge for sampling EB 9/12/14

SLW 8/26/14

Monitoring Well (Groundwater) Gauging
Visual Inspection Checklist

Project Name: Adak LTM 2014 Project No.: TO 05

Site Name: NMCB Well ID.: 02-463

Inspector(s): J. HIGHSTONE, J. SANTIAGO Date/Time: 08/26/14 1123

Company: Sealaska Environmental Services, LLC

Weather/Temperature: RAIN, 50°F, 5 MPH

	Yes	No
1. Was the monitoring well located?	☒	☐
2. Is the well clearly labeled? If not, please re-label.	☒	☐
3. Is there a cap on the monitoring well?	☒	☐
4. Specify type of cap: 2" BUTTERFLY		
5. Specify size and number of bolts on flush-mount cap: NA		
6. Is there any evidence of tampering with the cap or well casing?	☐	☒
7. Is the monument in good condition?	☒	☐
8. Is the casing in good condition?	☒	☐
9. Are there any odors (e.g., petroleum or sulfide/rotten egg)? If yes, describe the odor and Intensity: NA (TRACE PETROLEUM AFTER PULLING WATER LEVEL PROBE FROM WELL)	☐	☒
11. Is the well dry?	☐	☒
12. Is there product or sheen in the well? ~~SHEEN PRESENT~~ SLW 8/26/14	☒	☒
13. If so, product thickness ~~(inches)~~ FEET ~~NA~~ TRACE SLW 8/26/14 (LESS THAN 0.01 FT ~~BTOC~~ SLW 8/26/14) SLW 8/26/14		
14. Is the well depth consistent with past depth measurements?	☒	☐
15. Are there well protections? Type: 3 BOLLARDS BTOC (2013)	☒	☐

16. Previous well depth (feet): 15.20 FT Current well depth (feet): 15.15 FT BTOC

17. Depth to water (feet): 9.54 FT BTOC Depth to Product (feet): NA

18. PID reading at wellhead (ppm): 0.0 PPM Breathing Zone (ppm): 0.0 PPM

Additional notes:

PHOTO COLLECTED FOR PHOTO LOG (1128)
FACING NORTH

SLW 8/26/14

Monitoring Well (Groundwater) Gauging
Visual Inspection Checklist

Project Name: Adak LTM 2014 Project No.: TO 05

Site Name: NMCB Well ID.: OB-478

Inspector(s): J. HIGHSTONE, J. SANTIAGO Date/Time: 08/26/14 1030, 1425

Company: Sealaska Environmental Services, LLC

Weather/Temperature: RAIN, 50°F, 5 MPH WIND

	Yes	No
1. Was the monitoring well located?	☒	☐
2. Is the well clearly labeled? If not, please re-label.	☒	☐
3. Is there a cap on the monitoring well?	☒	☐
4. Specify type of cap: 2" SLIP CAP PVC		
5. Specify size and number of bolts on flush-mount cap: 3, 9/16" BOLTS		
6. Is there any evidence of tampering with the cap or well casing?	☐	☒
7. Is the monument in good condition?	☒	☐
8. Is the casing in good condition?	☒	☐
9. Are there any odors (e.g., petroleum or sulfide/rotten egg)? If yes, describe the odor and Intensity: SLIGHT PETROLEUM ODOR	☒	☐
11. Is the well dry?	☐	☒
12. Is there product or sheen in the well?	☒	☐
13. If so, product thickness (~~inches~~ FEET) ~~SHEEN~~ TRACE (LESS THAN 0.01 FT ~~BTOC~~) SW 8/26/14 SW 8/26/14		
14. Is the well depth consistent with past depth measurements?	☒	☐
15. Are there well protections? Type: NA	☐	☒

16. Previous well depth (feet): 13.65 FT BTOC (2013) Current well depth (feet): 13.65 FT BTOC

17. Depth to water (feet): 7.58 FT BTOC Depth to Product (feet): NA

18. PID reading at wellhead (ppm): 0.0 PPM Breathing Zone (ppm): 0.0 PPM

Additional notes:

PHOTO COLLECTED FOR PHOTO LOG (1434)
FACING WEST
1030, ARRIVED AT WELL WITHOUT SOCKET SET. 1425 RETRY LOCATION

SW 8/26/14

Monitoring Well (Groundwater) Gauging
Visual Inspection Checklist

Project Name: Adak LTM 2014 Project No.: TO 05

Site Name: NMCB Well ID.: 02-479

Inspector(s): J. HIGHSTONE, J. SANTINI Date/Time: 08/26/14 1006

Company: Sealaska Environmental Services, LLC

Weather/Temperature: OVERCAST / LIGHT RAIN, 50°F, 5 MPH WIND

	Yes	No
1. Was the monitoring well located?	☒	☐
2. Is the well clearly labeled? If not, please re-label.	☒	☐
3. Is there a cap on the monitoring well?	☒	☐
4. Specify type of cap: 2" BUTTERFLY CAP PVC		
5. Specify size and number of bolts on flush-mount cap: NA		
6. Is there any evidence of tampering with the cap or well casing?	☐	☒
7. Is the monument in good condition?	☒	☐
8. Is the casing in good condition?	☒	☐
9. Are there any odors (e.g., petroleum or sulfide/rotten egg)? If yes, describe the odor and Intensity: NA	☐	☒
11. Is the well dry?	☐	☒
12. Is there product or sheen in the well?	☐	☒
13. If so, product thickness (inches) NA.		
14. Is the well depth consistent with past depth measurements?	☒	☐
15. Are there well protections? Type: 2 BOLLARDS BTOC (2013)	☒	☐

16. Previous well depth (feet): 19.57 FT BTOC (2013) Current well depth (feet): 19.56 FT BTOC

17. Depth to water (feet): 9.96 FT BTOC Depth to Product (feet): NA

18. PID reading at wellhead (ppm): 0.0 PPM Breathing Zone (ppm): 0.0 PPM

Additional notes:

PHOTO COLLECTED FOR PHOTO LOG (1013)
FACING SOUTH
CRACKED MONUMENT AT BASE

SW 8/26/14

Monitoring Well (Groundwater) Gauging
Visual Inspection Checklist

Project Name: Adak LTM 2014 Project No.: TO 05

Site Name: NMCB Well ID.: 08-497

Inspector(s): J. SANTINI, J. HIGHSTONE Date/Time: 08/26/14 1516

Company: Sealaska Environmental Services, LLC

Weather/Temperature: OVERCAST 50°F, 20 MPH WIND

	Yes	No
1. Was the monitoring well located?	☒	☐
2. Is the well clearly labeled? If not, please re-label.	☒	☐
3. Is there a cap on the monitoring well?	☒	☐
4. Specify type of cap: 2" BUTTERFLY		
5. Specify size and number of bolts on flush-mount cap: 2 x 9/16" BOLTS		
6. Is there any evidence of tampering with the cap or well casing?	☐	☒
7. Is the monument in good condition?	☒	☐
8. Is the casing in good condition?	☒	☐
9. Are there any odors (e.g., petroleum or sulfide/rotten egg)? If yes, describe the odor and Intensity: SLIGHT PETROLEUM ODOR	☒	☐
11. Is the well dry?	☐	☒
12. Is there product or sheen in the well?	☒	☐
13. If so, product thickness ~~(inches)~~ ~~SHEEN~~ Trace (LESS THAN 0.01 FT) SIW 8/26/14		
14. Is the well depth consistent with past depth measurements?	☒	☐
15. Are there well protections? Type: N/A	☐	☒

16. Previous well depth (feet): 10.70 FT BTOC (2013) Current well depth (feet): 10.68 FT BTOC

17. Depth to water (feet): 6.54 FT BTOC Depth to Product (feet): NA

18. PID reading at wellhead (ppm): 0.0 PPM Breathing Zone (ppm): 0.0 PPM

Additional notes:

PHOTO COLLECTED FOR PHOTO LOG (1524)

FACING ~~SOUTH~~ (08) NORTHWEST

08/26/14

SIW 8/26/14

Monitoring Well (Groundwater) Gauging
Visual Inspection Checklist

Project Name: Adak LTM 2014 Project No.: TO 05

Site Name: NMCB Well ID.: 02-815

Inspector(s): J. HIGHSTONE Date/Time: 08/26/14 1017

Company: Sealaska Environmental Services, LLC

Weather/Temperature: LIGHT RAIN / 50°F, 10 MPH WIND

	Yes	No
1. Was the monitoring well located?	☒	☐
2. Is the well clearly labeled? If not, please re-label.	☒	☐
3. Is there a cap on the monitoring well?	☒	☐
4. Specify type of cap: 2" BUTTERFLY PVC		
5. Specify size and number of bolts on flush-mount cap: NA		
6. Is there any evidence of tampering with the cap or well casing?	☐	☒
7. Is the monument in good condition?	☒	☐
8. Is the casing in good condition?	☒	☐
9. Are there any odors (e.g., petroleum or sulfide/rotten egg)? If yes, describe the odor and Intensity: NA	☐	☒
11. Is the well dry?	☐	☒
12. Is there product or sheen in the well?	☒	☐
13. If so, product thickness (~~inches~~ FEET) 0.03 FT. SLW 8/26/14		
14. Is the well depth consistent with past depth measurements?	☒	☐
15. Are there well protections? Type: 3 BOLLARDS	☒	☐

16. Previous well depth (feet): 19.69 FT BTOC 2013 Current well depth (feet): 19.67 FT BTOC

17. Depth to water (feet): 13.44 FT BTOC Depth to Product (feet): 13.41 FT ~~13.41' BTP~~ BTOC SLW 8/26/14

18. PID reading at wellhead (ppm): 0.0 PPM Breathing Zone (ppm): 0.0 PPM

Additional notes:

PHOTO COLLECTED FOR PHOTO LOG (1019)
FACING SOUTH

SLW 8/26/14

Monitoring Well (Groundwater) Gauging
Visual Inspection Checklist

Project Name: Adak LTM 2014 Project No.: TO 05

Site Name: NMCB Well ID.: OD-816

Inspector(s): J. HIGHSTONE, J. SANTINI Date/Time: 08/26/14 1034

Company: Sealaska Environmental Services, LLC

Weather/Temperature: RAIN, 50°F, 5 MPH WIND

	Yes	No
1. Was the monitoring well located?	☒	☐
2. Is the well clearly labeled? If not, please re-label.	☒	☐
3. Is there a cap on the monitoring well?	☒	☐
4. Specify type of cap: 2" BUTTERFLY		
5. Specify size and number of bolts on flush-mount cap: NA		
6. Is there any evidence of tampering with the cap or well casing?	☐	☒ NO
7. Is the monument in good condition?	☒	☐
8. Is the casing in good condition?	☒	☐
9. Are there any odors (e.g., petroleum or sulfide/rotten egg)? If yes, describe the odor and Intensity: NA	☐	☒
11. Is the well dry?	☐	☒
12. Is there product or sheen in the well?	☒	~~☐~~ 8-26-14
13. If so, product thickness (~~inches~~ FEET) ~~NA~~ Trace (LESS THAN 0.01 FT ~~BTOC~~) SJW 8/26/14 SJW 8/26/14		
14. Is the well depth consistent with past depth measurements?	☒	☐
15. Are there well protections? Type: 3 BOLLARDS	☒	☐

16. Previous well depth (feet): 17.43 FT BTOC (2013) Current well depth (feet): 17.41 FT BTOC

17. Depth to water (feet): 10.17 FT BTOC Depth to Product (feet): NA

18. PID reading at wellhead (ppm): 0.0 PPM Breathing Zone (ppm): 0 PPM

Additional notes:

PHOTO COLLECTED FOR PHOTO LOG (1038)
FACING SOUTH

SJW 8/26/14

Monitoring Well (Groundwater) Gauging
Visual Inspection Checklist

Project Name: Adak LTM 2014 Project No.: TO 05

Site Name: NMCB Well ID.: 02-817

Inspector(s): J. HIGHSTONE, J. SANTINI Date/Time: 08/26/14 1620

Company: Sealaska Environmental Services, LLC

Weather/Temperature: RAIN, 50°F, 10 MPH WIND

	Yes	No
1. Was the monitoring well located?	☒	☐
2. Is the well clearly labeled? If not, please re-label.	☒	☐
3. Is there a cap on the monitoring well?	☒	☐
4. Specify type of cap: 2" BUTTERFLY		
5. Specify size and number of bolts on flush-mount cap: NA		
6. Is there any evidence of tampering with the cap or well casing?	☐	☒
7. Is the monument in good condition?	☒	☐
8. Is the casing in good condition?	☒	☐
9. Are there any odors (e.g., petroleum or sulfide/rotten egg)? If yes, describe the odor and Intensity: NA	☐	☒
11. Is the well dry?	☐	☒
12. Is there product or sheen in the well?	☐	☒
13. If so, product thickness (inches) NA.		
14. Is the well depth consistent with past depth measurements?	☒	☐
15. Are there well protections? Type: 3 BOLLARDS	☒	☐

16. Previous well depth (feet): 17.18 FT BTOC (2013) Current well depth (feet): 17.10 FT BTOC

17. Depth to water (feet): 9.74 FT BTOC Depth to Product (feet): NA

18. PID reading at wellhead (ppm): 0.0 PPM Breathing Zone (ppm): 0.0 PPM

Additional notes:

PHOTOS COLLECTED FOR PHOTO LOG (1627)
FACING EAST

JWS 8/26/14

Monitoring Well (Groundwater) Gauging
Visual Inspection Checklist

Project Name: Adak LTM 2014 Project No.: TO 05

Site Name: NMCB Well ID.: C2-818

Inspector(s): J. HIGHSTONE, J. SANTINI Date/Time: 08/26/14 1555

Company: Sealaska Environmental Services, LLC

Weather/Temperature: RAIN, 50°F 10 MPH WIND

	Yes	No
1. Was the monitoring well located?	☒	☐
2. Is the well clearly labeled? If not, please re-label.	☒	☐
3. Is there a cap on the monitoring well?	☒	☐
4. Specify type of cap: 2" BUTTERFLY		
5. Specify size and number of bolts on flush-mount cap: NA		
6. Is there any evidence of tampering with the cap or well casing?	☐	☒
7. Is the monument in good condition?	☒	☐
8. Is the casing in good condition?	☒	☐
9. Are there any odors (e.g., petroleum or sulfide/rotten egg)? If yes, describe the odor and Intensity: ~~NA~~ See below * SLW 8/30/14	☒*	~~☒~~ SLW 8/30/14
11. Is the well dry?	☐	☒
12. Is there product or sheen in the well?	☒	☐
13. If so, product thickness ~~(inches)~~ ~~SHEEN~~ trace (LESS THAN 0.01 FT) SLW 8/26/14		
14. Is the well depth consistent with past depth measurements?	☒	☐
15. Are there well protections? Type: 3 BOLLARDS	☒	☐

16. Previous well depth (feet): 16.67 FT BTOC 2013 Current well depth (feet): 16.67 FT BTOC

17. Depth to water (feet): 8.70 FT BTOC Depth to Product (feet): NA

18. PID reading at wellhead (ppm): 5.3 PPM Breathing Zone (ppm): 0.0 PPM

Additional notes:

PHOTO COLLECTED FOR PHOTO LOG (1557)
FACING SOUTH
BROKEN COLLAR ON STOVETOP / MONUMENT

* = strong petroleum odor during purging

8/27/14 - DTW = 8.49 ft btoc prior to purge for sampling SLW 9/12/14

SLW 8/26/14

Monitoring Well (Groundwater) Gauging
Visual Inspection Checklist

Project Name: Adak LTM 2014 Project No.: TO 05

Site Name: NMCB Well ID.: 07-819

Inspector(s): J. HIGHSTONE, J. SANTINI Date/Time: 08/26/14 1438

Company: Sealaska Environmental Services, LLC

Weather/Temperature: OVERCAST 55°F, 5 MPH WIND

	Yes	No
1. Was the monitoring well located?	☒	☐
2. Is the well clearly labeled? If not, please re-label.	☒	☐
3. Is there a cap on the monitoring well?	☒	☐
4. Specify type of cap: 2" BUTTERFLY		
5. Specify size and number of bolts on flush-mount cap: 2 9/16" BOLTS		
6. Is there any evidence of tampering with the cap or well casing?	☐	☒
7. Is the monument in good condition?	☒	☐
8. Is the casing in good condition?	☒	☐
9. Are there any odors (e.g., petroleum or sulfide/rotten egg)? If yes, describe the odor and Intensity: NA	☐	☒
11. Is the well dry?	☐	☒
12. Is there product or sheen in the well?	☐	☒
13. If so, product thickness (inches) NA.		
14. Is the well depth consistent with past depth measurements?	☒	☐
15. Are there well protections? Type: NA	☐	☒

16. Previous well depth (feet): 14.55 FT BTOC (2013) Current well depth (feet): 14.51 FT BTOC

17. Depth to water (feet): 7.15 FT BTOC Depth to Product (feet): NA

18. PID reading at wellhead (ppm): 0.0 PPM Breathing Zone (ppm): 0.0 PPM

Additional notes:

PHOTO COLLECTED FOR PHOTO LOG (1445)
FACING WEST
1 BOLT STRIPPED ON WELL LID.

SJW 8/26/14

Monitoring Well (Groundwater) Gauging
Visual Inspection Checklist

Project Name: Adak LTM 2014 Project No.: TO 05

Site Name: NMCB Well ID.: E-201

Inspector(s): J. HIGHSTONE, J. SANTINI Date/Time: 8/26/14 0943

Company: Sealaska Environmental Services, LLC

Weather/Temperature: OVERCAST / 50 °F 5 MPH WIND

	Yes	No
1. Was the monitoring well located?	☒	☐
2. Is the well clearly labeled? If not, please re-label.	☒	☐
3. Is there a cap on the monitoring well?	☒	☐
4. Specify type of cap: 2" SLIP CAP PVC		
5. Specify size and number of bolts on flush-mount cap: NA		
6. Is there any evidence of tampering with the cap or well casing?	☐	☒
7. Is the monument in good condition?	☒	☐
8. Is the casing in good condition?	☒	☐
9. Are there any odors (e.g., petroleum or sulfide/rotten egg)? If yes, describe the odor and Intensity: ~~NA~~ hydrocarbon odor during purging SWJ 8/30/14	☒	~~☒~~ SWJ 8/30/14
11. Is the well dry?	☐	☒
12. Is there product or sheen in the well?	☐	☒
13. If so, product thickness (inches) NA.		
14. Is the well depth consistent with past depth measurements?	☒	☐
15. Are there well protections? Type: NA	☐	☒

16. Previous well depth (feet): 18.90 FT BTOC (2013) Current well depth (feet): 18.85 FT BTOC

17. Depth to water (feet): 12.91' FT BTOC Depth to Product (feet): NA

18. PID reading at wellhead (ppm): 0.0 PPM Breathing Zone (ppm): 0.0 PPM

Additional notes:

PHOTO COLLECTED FOR PHOTO LOG. (0946)
FACING NORTH

SWJ 8/26/14

Monitoring Well (Groundwater) Gauging
Visual Inspection Checklist

Project Name: Adak LTM 2014 Project No.: TO 05

Site Name: NMCB Well ID.: NMCB-04

Inspector(s): J. HIGHSTONE, J. SANTINI Date/Time: 08/26/14 0908

Company: Sealaska Environmental Services, LLC

Weather/Temperature: OVERCAST, 50°F, 5 MPH WIND

	Yes	No
1. Was the monitoring well located?	☒	☐
2. Is the well clearly labeled? If not, please re-label.	☒	☐
3. Is there a cap on the monitoring well?	☒	☐
4. Specify type of cap: 2" SLIP CAP (PVC)		
5. Specify size and number of bolts on flush-mount cap: NA		
6. Is there any evidence of tampering with the cap or well casing?	☐	☒
7. Is the monument in good condition?	☒	☐
8. Is the casing in good condition?	☒	☐
9. Are there any odors (e.g., petroleum or sulfide/rotten egg)? If yes, describe the odor and Intensity: PETROLEUM ODOR, MINIMAL INTENSITY	☒	☐
11. Is the well dry?	☐	☒
12. Is there product or sheen in the well?	☒	☐
13. If so, product thickness (~~inches~~ FEET) ~~SHEEN~~ TRACE (LESS THAN 0.01 INCH) SJW 8/26/14		
14. Is the well depth consistent with past depth measurements?	☒	☐
15. Are there well protections? Type: NA	☐	☒

16. Previous well depth (feet): 18.48' BTOC (2013) Current well depth (feet): 18.48' BTOC

17. Depth to water (feet): 11.50' BTOC Depth to Product (feet): NA

18. PID reading at wellhead (ppm): 0.6 PPM Breathing Zone (ppm): 0.0 PPM

Additional notes:

PHOTO COLLECTED OF WELL LOCATION. (0938)
FACING SOUTH

SJW 8/26/14

Monitoring Well (Groundwater) Gauging
Visual Inspection Checklist

Project Name: Adak LTM 2014 Project No.: TO 05

Site Name: NMCB Well ID.: NMCB-07

Inspector(s): J. HIGHSTONE, J. SANTINI Date/Time: 08/24/14 1535

Company: Sealaska Environmental Services, LLC

Weather/Temperature: LIGHT RAIN, 50°F 10 MPH WIND

	Yes	No
1. Was the monitoring well located?	☒	☐
2. Is the well clearly labeled? If not, please re-label.	☒	☐
3. Is there a cap on the monitoring well?	☒	☐
4. Specify type of cap: 4" BUTTERFLY PVC		
5. Specify size and number of bolts on flush-mount cap: NA		
6. Is there any evidence of tampering with the cap or well casing?	☐	☒
7. Is the monument in good condition?	☒	☐
8. Is the casing in good condition?	☒	☐
9. Are there any odors (e.g., petroleum or sulfide/rotten egg)? If yes, describe the odor and Intensity: MODERATE PETROLEUM	☒	☐
11. Is the well dry?	☐	☒
12. Is there product or sheen in the well?	☒	☐
13. If so, product thickness (inches) 0.18 FT. SLW 8/26/14		
14. Is the well depth consistent with past depth measurements?	☒	☐
15. Are there well protections? Type: 3 BOLLARDS	☒	☐

16. Previous well depth (feet): 19.20 FT BTOC Current well depth (feet): 19.16 FT BTOC

17. Depth to water (feet): 7.48 FT BTOC Depth to Product (feet): 7.30 FT BTOC

18. PID reading at wellhead (ppm): 0.0 PPM Breathing Zone (ppm): 0.0 PPM

Additional notes:

PHOTO COLLECTED FOR PHOTO LOG (1543)
FACING EAST
CRACKED COLLAR ON STOVETOP/MONUMENT

See Sampling Deviation Form; sample not collected because product thickness is ≥ 0.00'. SLW

SLW 8/26/14

Monitoring Well (Groundwater) Gauging
Visual Inspection Checklist

Project Name: Adak LTM 2014 Project No.: TO 05

Site Name: NMCB Well ID.: NMCB-08

Inspector(s): J. HIGHSTONE, J. SANTINI Date/Time: 08/26/14 1450

Company: Sealaska Environmental Services, LLC

Weather/Temperature: OVERCAST 55°F, 5MPH WIND

	Yes	No
1. Was the monitoring well located?	☒	☐
2. Is the well clearly labeled? If not, please re-label.	☐	☒
3. Is there a cap on the monitoring well?	☒	☐
4. Specify type of cap: 4" PVC BUTTERFLY		
5. Specify size and number of bolts on flush-mount cap: 3, 9/16" BOLTS		
6. Is there any evidence of tampering with the cap or well casing?	☐	☒
7. Is the monument in good condition?	☒	☐
8. Is the casing in good condition?	☒	☐
9. Are there any odors (e.g., petroleum or sulfide/rotten egg)? If yes, describe the odor and Intensity: MODERATE PETROLEUM ODOR	☒	☐
11. Is the well dry?	☐	☒
12. Is there product or sheen in the well?	☒	☐
13. If so, product thickness (~~inches~~ FEET) 1.02 FT ~~BTOC~~ 08/26/14 SLW 8/26/14		
14. Is the well depth consistent with past depth measurements?	☒	☐
15. Are there well protections? Type: NA	☐	☒

16. Previous well depth (feet): 15.70 FT BTOC (2013) Current well depth (feet): 15.71 FT BTOC

17. Depth to water (feet): 6.99 FT BTOC Depth to Product (feet): 5.97 FT BTOC

18. PID reading at wellhead (ppm): 27.0 PPM Breathing Zone (ppm): 0.0 PPM

Additional notes:

PHOTO COLLECTED FOR PHOTO LOG (TO6)
FACING SOUTH
WELL COVERED WITH WATER INITIALLY, LABELING NOT POSSIBLE.

SLW 8/26/14

Monitoring Well (Groundwater) Gauging
Visual Inspection Checklist

Project Name: Adak LTM 2014 Project No.: TO 05

Site Name: NMCB Well ID.: ~~NCMB 09~~ NMCB - 09 8-26-14

Inspector(s): J. HIGHSTONE, J. SANTINI Date/Time: 08/26/14 1117

Company: Sealaska Environmental Services, LLC

Weather/Temperature: RAIN, 50°F, 5 MPH WIND

	Yes	No
1. Was the monitoring well located?	☒	☐
2. Is the well clearly labeled? If not, please re-label.	☒	☐
3. Is there a cap on the monitoring well?	☒	☐
4. Specify type of cap: 4" BUTTERFLY		
5. Specify size and number of bolts on flush-mount cap: NA		
6. Is there any evidence of tampering with the cap or well casing?	☐	☒
7. Is the monument in good condition?	☒	☐
8. Is the casing in good condition?	☒	☐
9. Are there any odors (e.g., petroleum or sulfide/rotten egg)? If yes, describe the odor and Intensity: ~~NA~~ slight petroleum odor during purging SLW 8/30/14	☒	☒ SLW 8/30/14
11. Is the well dry?	☐	☒
12. Is there product or sheen in the well? ~~Sheen~~ SLW 8/26/14	☒	☐
13. If so, product thickness (~~inches~~ FEET) trace, LESS THAN 0.01 FT ~~BTOC~~ SLW 8/26/14 SLW 8/26/14		
14. Is the well depth consistent with past depth measurements?	☒	☐
15. Are there well protections? Type: 3 BOLLARDS	☒	☐

16. Previous well depth (feet): 18.60 FT BTOC (2013) Current well depth (feet): 18.55 FT BTOC

17. Depth to water (feet): 9.27 FT BTOC Depth to Product (feet): NA

18. PID reading at wellhead (ppm): 0.0 PPM Breathing Zone (ppm): 0.0 PPM

Additional notes:

PHOTO COLLECTED FOR PHOTO LOG (1120)
FACING WEST
CRACKED MONUMENT / STOVETOP COLLAR
08/27/14 - DTW = 9.20 ft btoc prior to purging for sampling RB 9/12/14

SLW 8/26/14

Monitoring Well (Groundwater) Gauging
Visual Inspection Checklist

Project Name: Adak LTM 2014 Project No.: TO 05

Site Name: NMCB Well ID.: NMCB-10

Inspector(s): J. HIGHSTONE, J. SANTINI Date/Time: 08/26/14 1130

Company: Sealaska Environmental Services, LLC

Weather/Temperature: RAIN 50°F, 5 MPH WIND

	Yes	No
1. Was the monitoring well located?	☒	☐
2. Is the well clearly labeled? If not, please re-label.	☒	☐
3. Is there a cap on the monitoring well?	☒	☐
4. Specify type of cap: 2" BUTTERFLY		
5. Specify size and number of bolts on flush-mount cap: NA		
6. Is there any evidence of tampering with the cap or well casing?	☐	☒
7. Is the monument in good condition?	☒	☐
8. Is the casing in good condition?	☒	☐
9. Are there any odors (e.g., petroleum or sulfide/rotten egg)? If yes, describe the odor and Intensity: SLIGHT / TRACE PETROLEUM ODOR	☒	☐
11. Is the well dry?	☐	☒
12. Is there product or sheen in the well?	☒	☐
13. If so, product thickness (~~inches~~ FEET) SLW 8/26/14: 0.03 FT ~~BTOC~~ SLW 8/26/14		
14. Is the well depth consistent with past depth measurements?	☒	☐
15. Are there well protections? Type: 3 BOLLARDS	☒	☐

16. Previous well depth (feet): 17.00 FT BTOC (2013) Current well depth (feet): 17.00 FT BTOC

17. Depth to water (feet): 10.25 FT BTOC Depth to Product (feet): 10.22 FT BTOC

18. PID reading at wellhead (ppm): 10.4 PPM Breathing Zone (ppm): 0.0 PPM

Additional notes:

1 BOLLARD KNOCKED OVER OF 3 ORIGINAL
PHOTO COLLECTED FOR PHOTO LOG (1137)
FACING WEST CRACKED COLLAR ON STOVETOP/MONUMENT

See Sampling Deviation Form; sample not collected because product thickness is ≥0.02'. SLW

SLW 8/26/14

Monitoring Well (Groundwater) Gauging
Visual Inspection Checklist

Project Name: Adak LTM 2014 Project No.: TO 05

Site Name: NMCB Well ID.: NMCB-11

Inspector(s): J. HIGHTONE, J. SANTIAGO Date/Time: 08/26/14 1049

Company: Sealaska Environmental Services, LLC

Weather/Temperature: RAIN, 50°F 5 MPH WIND

	Yes	No
1. Was the monitoring well located?	☒	☐
2. Is the well clearly labeled? If not, please re-label.	☒	☐
3. Is there a cap on the monitoring well?	☒	☐
4. Specify type of cap: 2" BUTTERFLY PVC		
5. Specify size and number of bolts on flush-mount cap: NA		
6. Is there any evidence of tampering with the cap or well casing?	☐	☒
7. Is the monument in good condition?	☒	☐
8. Is the casing in good condition?	☒	☐
9. Are there any odors (e.g., petroleum or sulfide/rotten egg)? If yes, describe the odor and Intensity: NA	☐	☒
11. Is the well dry?	☐	☒
12. Is there product or sheen in the well?	☒	☐
13. If so, product thickness (~~inches~~ FEET) 0.03 FT. SLW 8/26/14		
14. Is the well depth consistent with past depth measurements?	☒	☐
15. Are there well protections? Type: 3 BOLLARDS	☒	☐

16. Previous well depth (feet): 18.82 FT BTOC (2013) Current well depth (feet): 18.84 FT BTOC

17. Depth to water (feet): 9.00 FT BTOC Depth to Product (feet): 8.97 FT BTOC

18. PID reading at wellhead (ppm): 2.2 PPM Breathing Zone (ppm): 0.0 PPM

Additional notes:

PHOTO COLLECTED FOR PHOTO LOG (1055)
FACING EAST

See Sampling Deviation Form; sample not collected because product thickness is ≥ 0.02'. SLW

SLW 8/26/14

Monitoring Well (Groundwater) Gauging
Visual Inspection Checklist

Project Name: Adak LTM 2014 Project No.: TO 05

Site Name: NMCB Well ID.: NMCB-17

Inspector(s): J. HIGHSTONE, J. SANTIAGO Date/Time: 08/26/14 1074

Company: Sealaska Environmental Services, LLC

Weather/Temperature: LIGHT RAIN / CLOUDS 50°F, 10 MPH WIND

	Yes	No
1. Was the monitoring well located?	☒	☐
2. Is the well clearly labeled? If not, please re-label.	☒	☐
3. Is there a cap on the monitoring well?	☒	☐
4. Specify type of cap: 2" BUTTERFLY PVC		
5. Specify size and number of bolts on flush-mount cap: NA		
6. Is there any evidence of tampering with the cap or well casing?	☐	☒
7. Is the monument in good condition?	☒	☐
8. Is the casing in good condition?	☒	☐
9. Are there any odors (e.g., petroleum or sulfide/rotten egg)? If yes, describe the odor and Intensity: NA	☐	☒
11. Is the well dry?	☐	☒
12. Is there product or sheen in the well?	☐	☒
13. If so, product thickness (inches) NA.		
14. Is the well depth consistent with past depth measurements?	☒	☐
15. Are there well protections? Type: 4 BOLLARDS	☒	☐

16. Previous well depth (feet): 20.38 FT BTOC (2013) Current well depth (feet): 20.38 FT BTOC

17. Depth to water (feet): 13.64 FT BTOC Depth to Product (feet): NA

18. PID reading at wellhead (ppm): 0.0 PPM Breathing Zone (ppm): 0.0 PPM

Additional notes:

PHOTO COLLECTED FOR PHOTO LOG (1078)
FACING SOUTH
CRACKED STOVETOP / MONUMENT COLLAR

SLW 8/26/14

Shoreline
Visual Inspection Checklist

Project Name: Adak LTM 2014 Project No.: TO 05

Site Name: NMCB Inspection Location: SHORELINE WEST TO EAST START NEAR WELL OL-451, END NEAR WELL OL-429

Inspector(s): J. HIGHSTONE, J. SAMINI Date/Time: 08/26/14 1300

Organization: Sealaska Environmental Services, LLC

Weather/Temperature: OVERCAST, 55°F, 5 MPH WIND WSW

		Yes	No
1.	Was a contaminant seep located? If yes, describe the seep (including length and width) and flow rate.	☐	☒

N/A

2.	Is the seep flowing directly into a surface water body?	☐	☐	N/A
3.	Is this a new seep or a seep that has been previously documented? N/A			
4.	Are there any odors? If yes, describe odor and intensity	☒	☐	

LIGHT PETROLEUM ODOR NOTED ALONG SHORELINE ~~NEAR~~ South of WELL NMCB-07 LOCATION. SJW 8/26/14

5.	Is there distressed vegetation growing at the seep location?	☐	☒
6.	Is the shoreline discolored by suspected contamination? If yes, describe appearance, location, and square footage	☐	☒

N/A

8.	Is any suspect ordnance found on the shoreline? If yes, describe the location and approximate size and shape, and color without approaching ordnance. Note location on back of form. Secure area. Stop work! Notify Navy CSO immediately!	☐	☒

N/A

9.	Was there any other manmade debris (exclude items from off-island activities) found on the shoreline that could likely be contributing to contamination? If yes, describe.	☐	☒

N/A

Additional Notes: PHOTOS TAKEN FOR PHOTO LOG.

SJW 8/26/14

Monitoring Well (Groundwater) Gauging
Visual Inspection Checklist

Project Name: Adak LTM 2014 Project No.: TO 05

Site Name: ROICC Well ID.: 08-200

Inspector(s): B. Schlegel W. Kruse Date/Time: 08-29-14 1505

Company: Sealaska Environmental Services, LLC

Weather/Temperature: 55°F wind SW 14mph overcast light Mist

	Yes	No
1. Was the monitoring well located?	☒	☐
2. Is the well clearly labeled? If not, please re-label.	☒	☐
3. Is there a cap on the monitoring well?	☒	☐
4. Specify type of cap: 2" BUTTERFLY		
5. Specify size and number of bolts on flush-mount cap: — NA		
6. Is there any evidence of tampering with the cap or well casing?	☐	☒
7. Is the monument in good condition?	☒	☐
8. Is the casing in good condition?	☒	☐
9. Are there any odors (e.g., petroleum or sulfide/rotten egg)? If yes, describe the odor and Intensity: — NA	☐	☒
11. Is the well dry?	☐	☒
12. Is there product or sheen in the well? See additional notes	☒	☒ SW 8/29/14
13. If so, product thickness (~~inches~~ feet) ~~NA~~ ~~<0.01~~ NA RBG 8/28/14 SW 8/28/14 SW 8/17/14		
14. Is the well depth consistent with past depth measurements?	☒	☐
15. Are there well protections? Type: 3 BOLLARDS	☒	☐

16. Previous well depth (feet): 16.17 btoc WRB 8.29-14 Current well depth (feet): 16.19 btoc 50 FT BOTTOM

17. Depth to water (feet): ~~3.78~~ 3.74 btoc Depth to Product (feet): NA

18. PID reading at wellhead (ppm): 0.0 Breathing Zone (ppm): 0.0

Additional notes: SHEEN DEVELOPED MIDWAY THROUGH PURGE

SW 8/29/14

Monitoring Well (Groundwater) Gauging
Visual Inspection Checklist

Project Name: Adak LTM 2014 Project No.: TO 05

Site Name: ROICC Well ID.: OB-202

Inspector(s): W. Kaager B. Schlinger Date/Time: 8/29/14 1650

Company: Sealaska Environmental Services, LLC

Weather/Temperature: 55°F wind SW 14 mph OVERCAST light MIST

	Yes	No
1. Was the monitoring well located?	☒	☐
2. Is the well clearly labeled? If not, please re-label.	☒	☐
3. Is there a cap on the monitoring well?	☒	☐
4. Specify type of cap: 2" butterfly		
5. Specify size and number of bolts on flush-mount cap: NA		
6. Is there any evidence of tampering with the cap or well casing?	☐	☒
7. Is the monument in good condition?	☒	☐
8. Is the casing in good condition?	☒	☐
9. Are there any odors (e.g., petroleum or sulfide/rotten egg)? If yes, describe the odor and Intensity: NA	☐	☒
11. Is the well dry?	☐	☒
12. Is there product or sheen in the well? yes, ~~developed~~ observed mid-purge on 8/30/14 SLW 8/30/14	☒	☒ SLW 8/30/14
13. If so, product thickness (~~inches~~ feet) ~~NA~~ NA ~~<0.01~~ SLW 8/30/14 SLW 8/30/14		
14. Is the well depth consistent with past depth measurements?	☒	☐
15. Are there well protections? Type: 3 bollards	☒	☐

16. Previous well depth (feet): 14.77 btoc (2013) Current well depth (feet): 14.75 btoc

17. Depth to water (feet): 2.51 btoc Depth to Product (feet): NA

18. PID reading at wellhead (ppm): 0.0 Breathing Zone (ppm): 0.0

Additional notes: 8/30/14 - DTW = 2.67 ft btoc prior to purge for sampling RB 9/12/14

SLW 8/29/14

Monitoring Well (Groundwater) Gauging
Visual Inspection Checklist

Project Name: Adak LTM 2014 Project No.: TO 05

Site Name: SA 79 Well ID.: 02-230

Inspector(s): W. Kagge B. Schlegar Date/Time: 8-25-14 1311

Company: Sealaska Environmental Services, LLC

Weather/Temperature: 55°F WIND WEST 10mph OVERCAST

	Yes	No
1. Was the monitoring well located?	☒	☐
2. Is the well clearly labeled? If not, please re-label.	☒	☐
3. Is there a cap on the monitoring well?	☒	☐
4. Specify type of cap: 2" BUTTERFLY		
5. Specify size and number of bolts on flush-mount cap: NA		
6. Is there any evidence of tampering with the cap or well casing?	☐	☒
7. Is the monument in good condition?	☒	☐
8. Is the casing in good condition?	☒	☐
9. Are there any odors (e.g., petroleum or sulfide/rotten egg)? If yes, describe the odor and Intensity: petroleum, slight	☒	☐
11. Is the well dry?	☐	☒
12. Is there product or sheen in the well?	☐	☒
13. If so, product thickness (inches) NA.		
14. Is the well depth consistent with past depth measurements?	☒	☐
15. Are there well protections? Type: X3 Bollards	☒	☐

16. Previous well depth (feet): 18.94 (2013) BTOC Current well depth (feet): 18.97' BTOC

17. Depth to water (feet): 11.73' BTOC Depth to Product (feet): N/A

18. PID reading at wellhead (ppm): 3.7 ppm Breathing Zone (ppm): 0.0 ppm

Additional notes:

Purge water slight Hydrocarbon odor

SW 8/25/14

Monitoring Well (Groundwater) Gauging
Visual Inspection Checklist

Project Name: Adak LTM 2014 Project No.: TO 05

Site Name: SA 79 Well ID.: MRP-MW8

Inspector(s): W. KAAGE B. SCHLEIGER Date/Time: 8-25-14 0830

Company: Sealaska Environmental Services, LLC

Weather/Temperature: 55°F MIST + RAIN WIND 8MPH SSW

	Yes	No
1. Was the monitoring well located?	☒	☐
2. Is the well clearly labeled? If not, please re-label.	☒	☐
3. Is there a cap on the monitoring well?	☒	☐
4. Specify type of cap: WK 8-25-14 ~~J-PLUG~~, 2" BUTTERFLY		
5. Specify size and number of bolts on flush-mount cap: NA		
6. Is there any evidence of tampering with the cap or well casing?	☐	☒
7. Is the monument in good condition?	☒	☐
8. Is the casing in good condition?	☒	☐
9. Are there any odors (e.g., petroleum or sulfide/rotten egg)? If yes, describe the odor and Intensity: NA	☐	☒
11. Is the well dry?	☐	☒
12. Is there product or sheen in the well?	☐	☒
13. If so, product thickness (inches) NA.		
14. Is the well depth consistent with past depth measurements?	☒	☐
15. Are there well protections? Type: NA	☐	☒

16. Previous well depth (feet): 16.10' (2013) btoc Current well depth (feet): 16.15' btoc

17. Depth to water (feet): 10.01 btoc Depth to Product (feet): NA

18. PID reading at wellhead (ppm): 1.7 Breathing Zone (ppm): 1.6

Additional notes:

SW
8/26/14

Monitoring Well (Groundwater) Gauging
Visual Inspection Checklist

Project Name: Adak LTM 2014 Project No.: TO 05

Site Name: SA 79 Well ID.: 601

Inspector(s): W. Kaage B. Schlager Date/Time: 8/25/14 1611

Company: Sealaska Environmental Services, LLC

Weather/Temperature: 55°F Wind West 11mph MIST

	Yes	No
1. Was the monitoring well located?	☒	☐
2. Is the well clearly labeled? If not, please re-label.	☒	☐
3. Is there a cap on the monitoring well?	☒	☐
4. Specify type of cap: 2" J		
5. Specify size and number of bolts on flush-mount cap: NA		
6. Is there any evidence of tampering with the cap or well casing?	☐	☒
7. Is the monument in good condition?	☒	☐
8. Is the casing in good condition?	☒	☐
9. Are there any odors (e.g., petroleum or sulfide/rotten egg)? If yes, describe the odor and Intensity: ~~SLIGHT HYDROCARBON ODOR~~ WL 8-25-14 NA	☒	☒
11. Is the well dry?	☐	☒
12. Is there product or sheen in the well?	☐	☒
13. If so, product thickness (inches) NA.		
14. Is the well depth consistent with past depth measurements?	☒	☐
15. Are there well protections? Type: 3X Bollards	☒	☐

SW 8/25/14 no odors

16. Previous well depth (feet): 17.99 (2013) btoc Current well depth (feet): 18.03' btoc

17. Depth to water (feet): 11.03 btoc Depth to Product (feet): NA

18. PID reading at wellhead (ppm): 3.5 ppm Breathing Zone (ppm): 0.0 ppm

Additional notes:

SW 8/25/14

Monitoring Well (Groundwater) Gauging
Visual Inspection Checklist

Project Name: Adak LTM 2014 Project No.: TO 05

Site Name: SA80 STEAM PLANT Well ID.: 04-155

Inspector(s): J. HIGHSTONE Date/Time: 8-28-14 / 0949

Company: Sealaska Environmental Services, LLC

Weather/Temperature: OVERCAST, WEST WIND 10 mph, 50° F

	Yes	No
1. Was the monitoring well located?	☒	☐
2. Is the well clearly labeled? If not, please re-label.	☒	☐
3. Is there a cap on the monitoring well?	☒	☐
4. Specify type of cap: 4" BUTTERFLY		
5. Specify size and number of bolts on flush-mount cap: 3 - 9/16" BOLTS		
6. Is there any evidence of tampering with the cap or well casing?	☐	☒
7. Is the monument in good condition?	☒	☐
8. Is the casing in good condition?	☒	☐
9. Are there any odors (e.g., petroleum or sulfide/rotten egg)? If yes, describe the odor and Intensity: MODERATE / HEAVY PETROLEUM ODOR	☒	☐
11. Is the well dry?	☐	☒
12. Is there product or sheen in the well?	☒	☐
13. If so, product thickness (inches) .04		
14. Is the well depth consistent with past depth measurements?	☐	☒
15. Are there well protections? Type: N/A	☐	☒

16. Previous well depth (feet): ~~20.30~~ 24.68 BTOC SIW 8/30/14 Current well depth (feet): 23.65 BTOC

17. Depth to water (feet): 15.62 BTOC Depth to Product (feet): 15.58 BTOC

18. PID reading at wellhead (ppm): 0.0 Breathing Zone (ppm): 0.0

Additional notes:

PHOTO COLLECTED (0957) FACING EAST

VERY SOFT BOTTOM

DTB INCONSISTENT WITH PAST DUE TO VERY SOFT / MUDDY BOTTOM.

SIW 8/30/14

Monitoring Well (Groundwater) Gauging
Visual Inspection Checklist

Project Name: Adak LTM 2014 Project No.: TO 05

Site Name: SASU STEAM Plant Well ID.: 04-157

Inspector(s): J. HIGHSTONE, J. SANTINI Date/Time: 8/28/14 / 1027

Company: Sealaska Environmental Services, LLC

Weather/Temperature: OVERCAST, WEST WIND 10 MPH, 50° F

	Yes	No
1. Was the monitoring well located?	☒	☐
2. Is the well clearly labeled? If not, please re-label.	☒	☐
3. Is there a cap on the monitoring well?	☒	☐
4. Specify type of cap: 4" BUTTERFLY		
5. Specify size and number of bolts on flush-mount cap: N/A		
6. Is there any evidence of tampering with the cap or well casing?	☐	☒
7. Is the monument in good condition?	☒	☐
8. Is the casing in good condition?	☒	☐
9. Are there any odors (e.g., petroleum or sulfide/rotten egg)? If yes, describe the odor and Intensity: MODERATE PETROLEUM ODOR	☒	☐
11. Is the well dry?	☐	☒
12. Is there product or sheen in the well?	☒	☐
13. If so, product thickness (~~inches~~ feet) ~~SHEEN~~ TRACE 2.01. SWJ 8/29/14		
14. Is the well depth consistent with past depth measurements?	☒	☐
15. Are there well protections? Type: 3 BOLLARDS	☒	☐

16. Previous well depth (feet): 21.20 BTOC Current well depth (feet): 21.05 BTOC

17. Depth to water (feet): 19.82 BTOC Depth to Product (feet): N/A

18. PID reading at wellhead (ppm): 9.6 Breathing Zone (ppm): 0.0

Additional notes:

PHOTO COLLECTED (1034) FACING SOUTH

REMOVE ABSORBENT SOCK

~~SOFT~~ SOFT BOTTOM

JAT 8.28.14

SWJ 8/29/14