



FINAL
4 FEBRUARY 2013

Remedial Action Summary Report, Free Product Recovery

SWMU 62 New Housing Fuel Leak Area and Additional Sites

Former Naval Complex

Adak, Alaska

Department of the Navy

Naval Facilities Engineering Command Northwest

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LTM/O TASK ORDER 43

FINAL
REMEDIAL ACTION SUMMARY REPORT
FREE PRODUCT RECOVERY

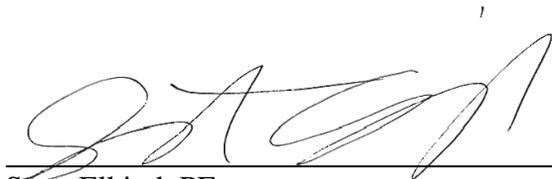
FEBRUARY 4, 2013

SWMU 62 NEW HOUSING FUEL LEAK AREA
AND ADDITIONAL SITES

FORMER NAVAL COMPLEX
ADAK ISLAND, ALASKA

SEALASKA ENVIRONMENTAL SERVICES, LLC
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EXECUTIVE SUMMARY

The U.S. Navy, through Naval Facilities Engineering Command Northwest, tasked Sealaska Environmental Services, LLC with monthly monitoring and remedial action recovery of free product petroleum from groundwater and with boom placement and maintenance for surface water protection at five sites located at the Former Naval Complex, Adak, Alaska. All site activities were performed in accordance with the Operations and Maintenance Plan (Navy 2011a) and Quality Control Plan (Navy 2011b) for Free Product Recovery at Former Naval Complex, Adak, Alaska. This report summarizes the monitoring and remedial action activities completed during the period from October 2011 through September 2012 and whether endpoint criteria were achieved as established by the Navy, U.S. Environmental Protection Agency, and Alaska Department of Environmental Conservation in Records of Decision.

SOLID WASTE MANAGEMENT UNIT 62, NEW HOUSING FUEL LEAK AREA

During monthly free product recovery activities for the reporting period, a total of 6.20 gallons of free product were recovered from monitoring wells and recovery sumps at Solid Waste Management Unit 62, New Housing Fuel Leak Area. The maximum rolling 6-month average of product recovered during this period was 1.61 gallons. Free product was detected at or greater than 0.01 feet at least once in four of the six recovery sumps. During the reporting period, measurable free product was recovered from six of the monitoring wells and two of the recovery sumps.

Wells at this site met the practical endpoint criteria of less than 5 gallons per month for the 6-month rolling average recovery of free product over a 12-month period. However, the site did not meet the remedial objectives of less than 0.01 feet of detectable free product in the recovery trench sumps.

Summary of Changes

The following changes to the free product activities are recommended at the Solid Waste Management Unit 62, New Housing Fuel Leak Area:

- Per the recommendations of the Final Remedial Action Summary Report (Navy 2012b), free product recovery activities were discontinued at wells MW-303-08 and MW-303-10 in January 2012.
- Because of the continued observance of free product, continue to conduct periodic monitoring and free product recovery activities at all six recovery sumps and the

following eight wells: 03-101, 03-102, HMW-303-03, HMW-303-11, MW-15, MW-303-12, RW-303-4, and RW-303-15.

- Discontinue periodic monitoring and free product recovery at the following seven wells: 03-518, HMW-303-2, HMW-303-9, MRP-MW3, MW-303-14, RW-303-07, and RW-303-13 since product has not been observed at these locations during the 12-month reporting period.

ADDITIONAL SITES

During monthly free product recovery activities for the reporting period, a total of 3.11 gallons of free product were recovered from monitoring wells at the four additional petroleum sites Naval Mobile Construction Battalion Building T-1416 Expanded Area; Source Area 80, Steam Plant 4; Solid Waste Management Unit 58/SA 73, Heating Plant 6; and Solid Waste Management Unit 60, Tank Farm A.

Summary of Changes

The following changes have been implemented based on Alaska Department of Environmental Conservation approval of the recommendations presented in the Final Annual Groundwater Monitoring Report, 2011 Long-Term Monitoring, Operable Unit A (Navy 2012a).

- Discontinue free product recovery activities at the Solid Waste Management Unit 58/ Source Area 73, Heating Plant 6 site.
- Discontinue free product recovery at Naval Mobile Construction Battalion Building T-1416 Expanded Area, well 02-463.
- Discontinue free product recovery at Source Area 80, Steam Plant 4, well 04-173.

BOOM INSPECTION AND MAINTENANCE

Nine booms were maintained in East Canal, West Canal, and South Sweeper Creek to prevent the migration of petroleum sheen from shoreline seeps to downgradient surface water bodies. Maintenance was discontinued at one boom location (Boom 7) in February 2012 because it was no longer needed to control sheen. The boom was located at South Sweeper Creek location 7 inside the product interception culvert downgradient of South of Runway 18/36 site. The boom was removed in April 2012. Each boom was maintained and inspected on a monthly basis throughout the reporting period or until it was discontinued and removed. Sheen was observed at boom locations in East Canal during most

inspections, but the booms effectively controlled the surface water sheen and prevented downstream migration.

Summary of Changes

The following changes to boom maintenance activities are recommended:

- Continue monthly inspection and maintenance activities for all current boom locations in East Canal, West Canal, and South Sweeper Creek.

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ACRONYMS AND ABBREVIATIONS

AAC	Alaska Administrative Code
ADEC	Alaska Department of Environmental Conservation
SAERA	State-Adak Environmental Restoration Agreement
AST	aboveground storage tank
bgs	below ground surface
BLM	Bureau of Land Management
BTOC	below top of casing
°C	degrees Celsius
CY	contract year
DOI	U.S. Department of the Interior
GCI	General Communication, Inc.
JP-5	jet propellant 5
kg/m ³	kilograms per cubic meter
LNAPL	light non-aqueous phase liquid
LTM	long-term monitoring
mg/L	milligrams per liter
mS/cm	milliSiemens per centimeter
MLLW	mean lower low water
MNA	Monitored Natural Attenuation
MPT	measured product thickness
mV	millivolt
NA	not applicable
Navy	U.S. Navy
NM	not measured
NMCB	Naval Mobile Construction Battalion
NORPAC	North Pacific
NP	not planned
NTU	nephelometric turbidity unit
O&M	operation and maintenance
ORP	oxidation-reduction potential
OU	Operable Unit

ACRONYMS AND ABBREVIATIONS (continued)

PVC	polyvinyl chloride
ROD	Record of Decision
SA	Source Area
Sealaska	Sealaska Environmental Services, LLC
SU	standard unit
SWMU	solid waste management unit
TAC	The Aleut Corporation
TO	task order
TtEC	Tetra Tech EC, Inc.

1. INTRODUCTION

On May 6, 2011, Naval Facilities Engineering Command Northwest awarded Task Order (TO) 43 under Contract N44255-09-D-4005 to Sealaska Environmental Services, LLC (Sealaska). This TO includes:

- Operation and maintenance (O&M) activities related to fuel recovery at: Solid Waste Management Unit (SWMU) 62, New Housing Fuel Leak Area and several other wells at various other sites.
- Boom maintenance activities (for protection of surface waters) at selected locations at the Former Naval Complex, Adak, Alaska (Figure 1-1).

1.1 PRODUCT RECOVERY REQUIREMENTS

Final decision documents for South of Runway 18-36 Area and SWMU 62, New Housing Fuel Leak Area were approved on August 15, 2006 and August 7, 2006, respectively. In July 2006, additional monitoring wells were installed at both sites. In September 2006, recovery trenches were installed at both South of Runway 18-36 Area and SWMU 62, New Housing Fuel Leak Area. Although the South of Runway 18-36 Area achieved the practical endpoint for the completed interim actions, the final decision document required that product recovery be restarted and continued until the technically practicable endpoint for free product recovery was achieved. As defined in the Operable Unit (OU) A Record of Decision (ROD):

“The practicable endpoint for recovery will be reached when the monthly volume of recovered product, averaged over the most recent 6 months (6-month moving average), is less than 5 gallons per month for a period of 12 months of product recovery.”

In addition, the final decision documents required that recovery from the free product recovery trenches continue for South of Runway 18-36 Area and SWMU 62, New Housing Fuel Leak Area until free product had been reduced to thicknesses less than 0.01 feet or until no sounding of the oil/water interface probe had been experienced for 1 year or more.

With approval by Alaska Department of Environmental Conservation (ADEC), in February 2012 free product recovery was discontinued at South of Runway 18-36 Area because the site effectively met both practical endpoint criteria, the volume of product recovered at the site

had diminished to zero since June 2011, and the extent of free product on site had significantly decreased.

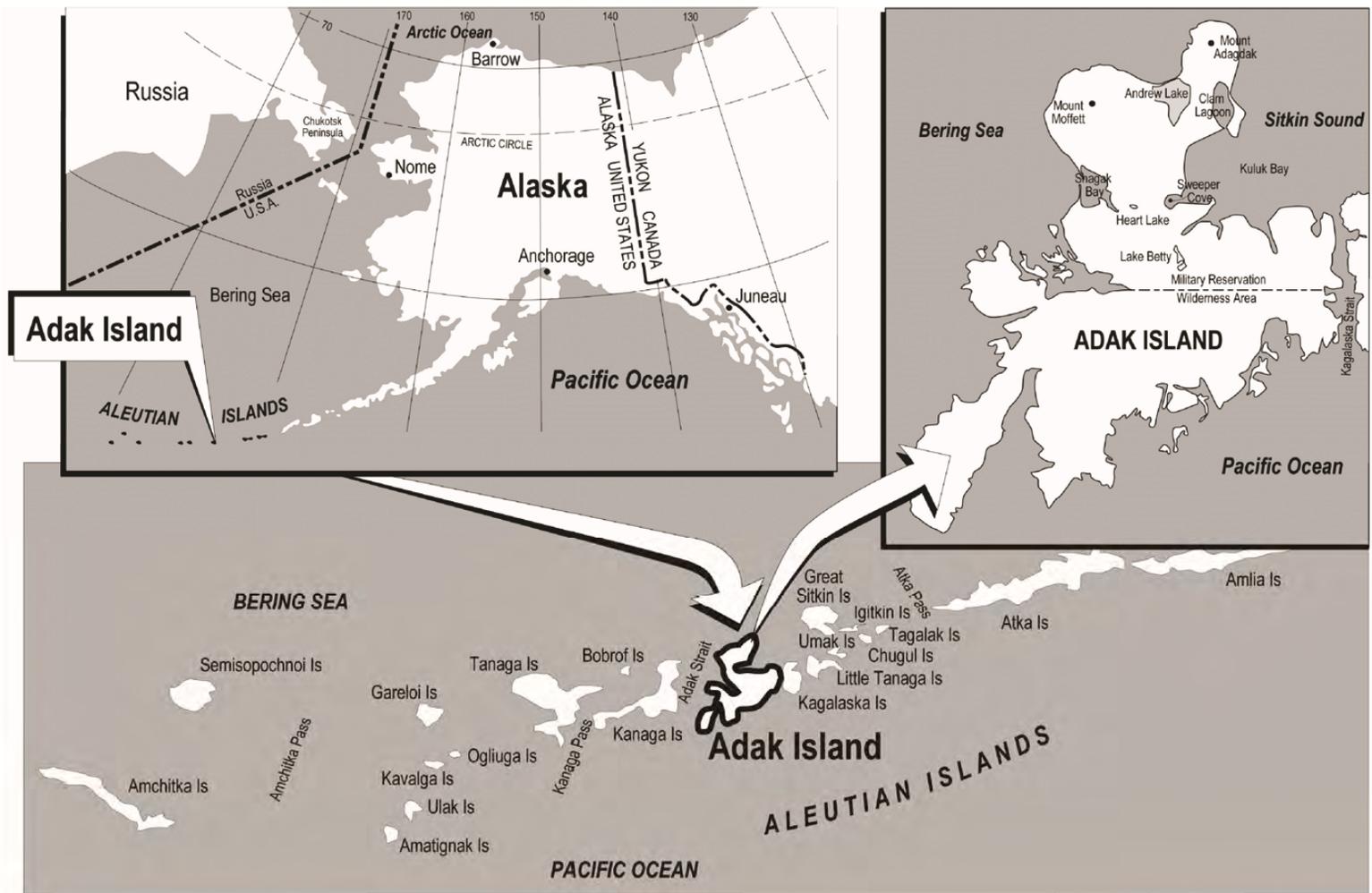
In addition, free product recovery activities are conducted at four additional petroleum sites located throughout the Former Naval Complex. These sites include Naval Mobile Construction Battalion (NMCB); Source Area (SA) 80, Steam Plant 4; SWMU 58/SA 73, Heating Plant 6; and SWMU 60, Tank Farm A. The locations of these free product recovery petroleum sites at the Former Naval Complex on Adak are shown in Figure 1-2.

Per approval by ADEC, the free product recovery was reduced to six events per year during the October 2011 through September 2012 reporting period and for future free product recovery events.

1.2 PURPOSE OF REPORT

This report summarizes and documents product recovery activities that occurred between October 2011 and September 2012 for SWMU 62, New Housing Fuel Leak Area and four additional petroleum sites at the Former Naval Complex, Adak, Alaska. Results are measured against the technically practicable endpoints established in the final decision documents where applicable. In addition, information presented in previously prepared reports on removal actions at the sites are summarized, as are the boom maintenance activities that occurred during the reporting period.

1-3



SEALASKA

**Figure 1-1
 Location Map, Adak Island, Alaska**

Task Order 43
 2012 Remedial Action
 Summary Report
 Adak , AK

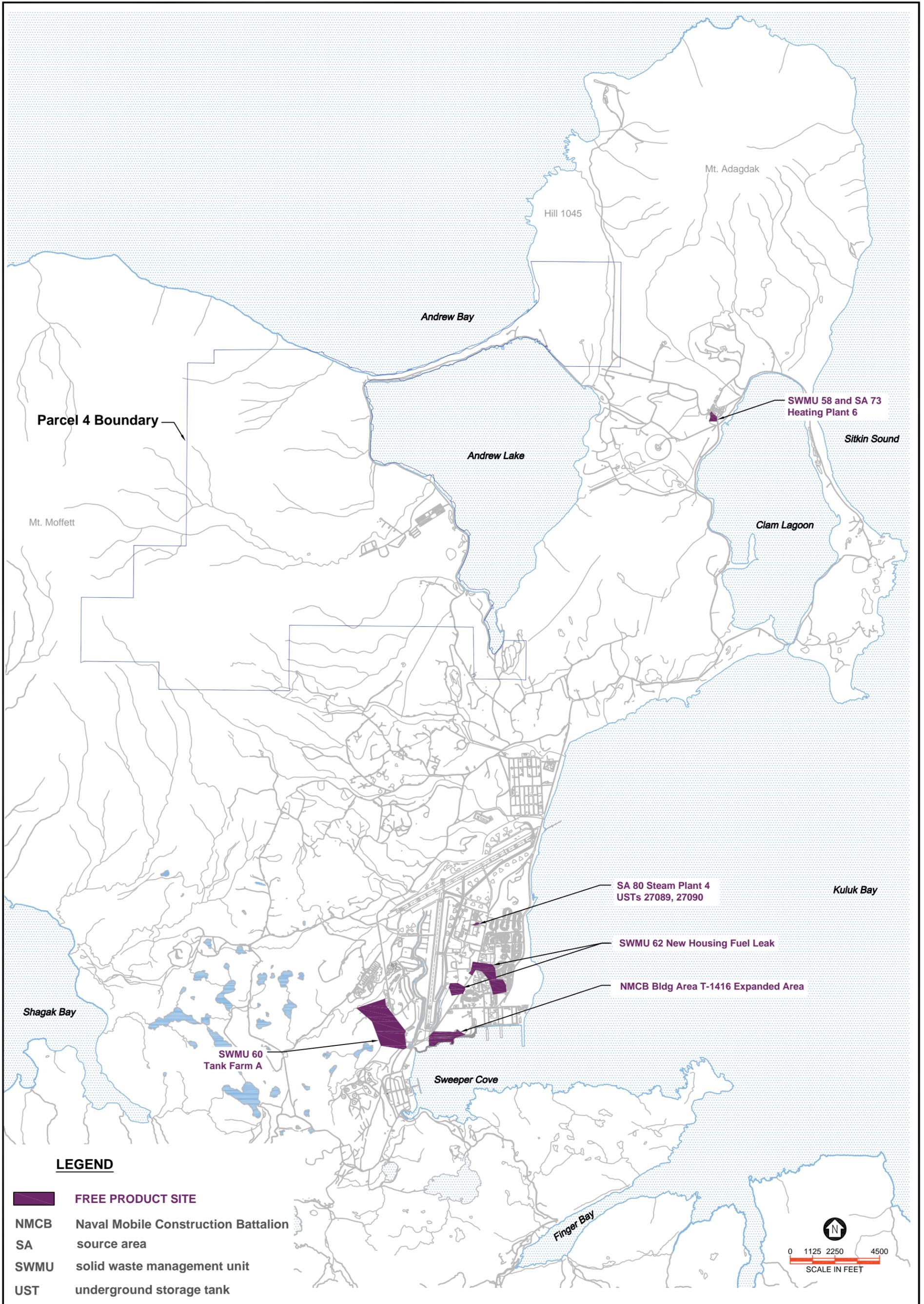


Figure 1-2
Free Product Recovery Sites

Task Order 43
2012 Remedial Action
Summary Report
Adak, Alaska

U.S. NAVY SEALASKA

2. SWMU 62, NEW HOUSING FUEL LEAK AREA

2.1 SITE DESCRIPTION

The SWMU 62, New Housing Fuel Leak Area is located in the downtown area of Adak Island (Figure 1-2). It is east of Runway 18-36, north of Public Works Road, west of Bayshore Highway, and south of Kagalaska Drive. The SWMU 62, New Housing Fuel Leak Area consists primarily of personnel housing units Sandy Cove Housing (88 units), Eagle Bay Housing (33 units), and Turnkey Housing (15 units). Each housing unit contains between two and four condos. Eagle Bay Housing and Turnkey Housing are no longer occupied. All three housing areas occupy approximately 100 acres that include open areas between the separate housing complexes. Two school buildings (one unoccupied), their associated play yards, and miscellaneous public facilities are adjacent to the SWMU 62, New Housing Fuel Leak Area but are not included as part of the site itself. Free product recovery activities occur on the Eagle Bay Housing portion of the site located south of the airport terminal (Figure 2-1).

The ground surface surrounding the housing units at SWMU 62, New Housing Fuel Leak Area consists of grass-covered residential lawns, paved streets, sidewalks, and driveways. The general topography of the site is flat to slightly undulating, with surface drainage predominantly collected and discharged to surface water bodies by ditches and the storm sewer system. Ground surface elevations in this area are generally about 24 to 30 feet above mean lower low water (MLLW). The more regional topography typically slopes gently downward toward the west and southwest. However, the topography in the northeast portion of the Sandy Cove Housing and Turnkey Housing areas slopes downward toward the northeast.

Prior to the military use of Adak Island during World War II, the western portion of the downtown area was occupied by a back-beach lagoon. The lagoon was separated from Kuluk Bay by a series of sand dunes located in the eastern portion of the downtown area, a section of which is currently occupied by the SWMU 62, New Housing Fuel Leak Area. Aerial photos of Adak Island taken before the arrival of military forces indicate the presence of small lakes or ponds within low-lying areas between the dunes. The lagoon was filled with sand and rock by the military forces to construct the airfield. The site occupied by the SWMU 62, New Housing Fuel Leak Area was the source of a substantial portion of the fill material placed into the lagoon. The low-lying areas containing small lakes or ponds within the boundaries of the site were also filled as military construction progressed.

2.2 GEOLOGY AND GROUNDWATER

Groundwater is found as both a perched aquifer (laterally discontinuous) and a regional aquifer beneath the SWMU 62, New Housing Fuel Leak Area. Perched groundwater occurs approximately 8 to 12 feet below ground surface (bgs) beneath Sandy Cove Housing and Turnkey Housing. This perched groundwater collects on top of the lower permeability, organic-rich silt layers believed to represent bottom sediments deposited within small lakes or ponds formerly located at the site. Boring logs from investigations conducted in the area indicated that perched water-bearing zones are less prevalent beneath Eagle Bay Housing (URSG 1999b). In this area the regional aquifer is encountered between approximately 18 feet bgs in the vicinity of Unit 139 (northeast of the Elementary School) to about 30 feet bgs west of Eagle Bay Housing.

Groundwater within the regional aquifer beneath Eagle Bay Housing appears to flow generally west toward East Canal of the airport ditch system (Figure 2-2). In the southeast portion of Sandy Cove Housing, groundwater flow becomes more southward, toward Sweeper Cove. In the northeast portion of Sandy Cove Housing and some or all of Turnkey Housing, groundwater appears to flow east-northeast toward Kuluk Bay based on depth to groundwater measured during the previous LTM field events. The 2012 LTM field measurements and the resulting calculated groundwater surface elevations are presented in Appendix C, Table C-1. A more detailed description of the hydrogeology at the site is provided in the Focused Feasibility Study (URS 2005).

The downtown aquifer that underlies SWMU 62, New Housing Fuel Leak Area is not currently used as a source of drinking water, nor is it reasonably expected to serve as a potential future source of drinking water (URS 2005). In addition, there is a land use restriction prohibiting the domestic use of groundwater in the downtown area (DOI, BLM, and TAC 2004).

2.3 RELEASE HISTORY

During 1988 and 1989, the U.S. Navy (Navy) conducted inventory record reviews and visual site inspections in housing units and crawl spaces after occupants reported hydrocarbon-like odors. Five leaks in the heating fuel piping were discovered and repaired. The heating fuel distribution system was subsequently pressure tested to assess the extent of potential releases. Sixteen additional piping leaks were detected and repaired as a result of the pressure testing: thirteen in Sandy Cove Housing, two in Eagle Bay Housing, and one in Turnkey Housing. On the basis of these findings, further investigation of the identified releases was undertaken.

Fuel-oil burning furnaces and water heaters located in each housing unit provide heating for living space and water, respectively. Jet Propellant 5 (JP-5) was formerly distributed from large aboveground storage tanks (ASTs) to individual housing units by underground iron piping coated with polyvinyl chloride (PVC). The pipelines include an aviation gasoline distribution system formerly used to provide fuel to truck fill stands along the airfield as well as the primary JP-5 pipelines and associated ASTs that stored fuel for distribution to the individual housing units. Fuel for SWMU 62, New Housing Fuel Leak Area was stored as follows (EMCON 1996):

- For Sandy Cove Housing: two 30,000-gallon ASTs constructed on raised earthen pads at the junction of Raven Street and Bayshore Highway
- For Eagle Bay Housing: two 12,000-gallon ASTs constructed on raised earthen pads located along Main Road, approximately 400 feet southwest of the high school
- For Turnkey Housing: two 37,000-gallon ASTs constructed on raised earthen pads located north of Kagalaska Drive and northwest of Turnkey Housing

The piping that distributed fuel to the individual housing units consisted of 2-inch-diameter main trunk line piping connected to 0.75- or 1-inch-diameter lateral lines to housing units. A 0.5-inch-diameter copper pipe supplied fuel from the lateral lines to individual units. The fuel distribution system was designed to provide fuel to the housing units under gravity flow. However, booster pumps were reportedly installed to increase fuel flow to housing units near the end of the distribution system.

2.4 REMEDIAL ACTIONS

During 1989, the Navy conducted soil removal actions from under selected housing units where heating fuel was released through piping leaks. Surface soil sampling activities associated with these removal actions consisted primarily of field screening soil samples collected from crawl spaces beneath the housing units where the pipelines had been repaired. Field screening consisted of soil vapor headspace and sheen testing. These activities resulted in the removal of approximately 102 cubic yards of soil (URSG 1999a). The excavated material was replaced with clean sand, and vapor barriers sealed to the housing unit foundations were installed. These remedial actions eliminated surface exposure to released petroleum hydrocarbons in the housing area.

As a result of the release investigations conducted by the Navy, a free product recovery trench and 16 free product recovery sumps were installed in 1989. The recovery system was extensively modified from a dual-stage recovery system to a lower maintenance total-fluids

recovery system during October 1996. The recovery system operated until May 2000 when it was determined to have met the negotiated product recovery endpoints in the OU A ROD for systems dependent on water table depression and thus was shut down (URS 2004). Free product volumes historically recovered from the site through September 2012 are presented in Table 2-1.

2.5 GROUNDWATER ELEVATIONS AND PRODUCT THICKNESSES

During product recovery activities at SWMU 62, New Housing Fuel Leak Area, monitoring wells were measured for groundwater elevations and the presence of free product. Monthly and average groundwater elevations for each well from October 2011 through September 2012 are presented in Table 2-2. Groundwater elevations were corrected for the presence of free product, where observed, by using the following equation:

$$DTW_C = DTW_M - [(\rho_{Inapl} / \rho_{water}) * MPT]$$

Where: ρ_{Inapl} = density of light non-aqueous phase liquid (diesel - 850 kilograms per cubic meter [kg/m³])
 ρ_{water} = density of water (1,000 kg/m³)
 DTW_C = corrected depth to water
 DTW_M = measured depth to water
MPT = measured product thickness

Monthly average groundwater elevations ranged from a low of 3.69 feet above MLLW in September 2012 to a high of 5.91 feet above MLLW in December 2011.

Free product thickness measurements, including minimum, maximum, and average are presented in Table 2-3. The maximum thickness of measured free product in a monitoring well at SWMU 62, New Housing Fuel Leak Area was 0.57 feet in well MW-15 in October 2011. Average monthly product thicknesses ranged from 0.01 feet in July and September 2012 to 0.07 feet in June 2012. From October 2011 through September 2012, free product was detected at least once in 13 of the 23 wells and sumps monitored. Detectable free product was observed in recovery sumps SWMU62-R1, SWMU62-R3, SWMU62-R4, and SWMU62-R5 up to a maximum of 0.16 feet. Recovery sumps SWMU62-R3 and SWMU62-R4 were observed to have detectable product during all 6 months that field activities occurred during the reporting period. Figure 2-3 shows the thicknesses of product observed in the recovery sumps over the last 12 months.

2.6 RECOVERED VOLUMES

Free product recovery at the site has been conducted through a combination of hand bailing, passive canisters, and sorbent socks installed in site wells. The total recovered volume of free

product and purge water between 1989 and 2012 was approximately 153,595 gallons (Table 2-1). The trend of recovered product volume over time for this site has decreased since product recovery activities were resumed in September 2006 (Figure 2-4). The total volume of product recovered from the site since the September 2006 startup is approximately 95 gallons.

Table 2-4 lists the average and monthly volume of product recovered from each well. Eight of the 21 wells/sumps monitored (see Table 2-3) had total monthly volumes of recovered product greater than zero for one or more months. The maximum total volume of recovered product during the 12 months in any well or sump was 2.49 gallons in sump SWMU62-R3. The total volume of free product recovered October 2011 through September 2012 reporting period was 6.20 gallons, and the maximum volume recovered in one month was 1.88 gallons during October 2011. Figure 2-5 illustrates the 6-month moving average for product recovered at SWMU 62, New Housing Fuel Leak Area during the reporting period. The 6-month moving average of recovery volumes did not exceed the ROD practical endpoint of 5 gallons during the reporting period.

Monthly average groundwater elevation was compared with monthly average product thickness and monthly total recovered product volume (Figure 2-6) to determine whether a relationship exists between fluctuating groundwater elevation and free product observed in the monitored wells. In general, there appears to be a weak correlation between increased product recovery level and thickness with decreased water table elevation in this area.

2.7 ESTIMATE OF EXTENT AND QUANTITY OF REMAINING PRODUCT VOLUME

This section summarized the known extent of contamination associated with SWMU 62, New Housing Fuel Leak Area. For the purposes of this report, the estimated extent of remaining product at the site was determined using average product thickness measurements for the reporting period for each well and shoreline inspection observations collected during the September 2012 long-term monitoring (LTM) field event. The extent of free product estimated for the reporting period was approximately 89,125 square feet (Figure 2-7). The monitoring data indicate that the free product layer is discontinuous within this area.

It is estimated that between 1,400 and 6,900 gallons of recoverable free product may still remain in the subsurface at SWMU 62, New Housing Fuel Leak Area, Eagle Bay Housing. This estimated quantity of recoverable free product was calculated by determining a theoretical volume of subsurface-containing free product based on apparent thickness in wells, correcting for apparent thickness in soil, factoring in soil porosity, and applying a 12 percent recoverability percentage (Testa and Winegardner 1991).

2.8 COMPARISON OF PRODUCT RECOVERY TO ENDPOINT CRITERIA

Free product recovery information obtained from September 2006 through September 2012 was used to determine whether product recovery activities have been effective. The monthly volume of product recovered has been decreasing since September 2006 (Figure 2-5).

Monthly average free product recovery has been below 5 gallons since November 2006. The 6-month moving average for the reporting period ranged from 0.27 gallons in April and May 2012 to 1.61 gallons in October 2011 (Table 2-4). Therefore, the technically practical endpoint of less than five gallons per monthly recovery state in the ROD has been met at this site.

However, the practicable endpoint for the recovery trenches has not met the remedial objectives and, therefore, free product recovery will continue. In four of the six recovery sumps, product was observed at greater than the ROD endpoint of 0.01 during at least one sampling event throughout the reporting period.

Table 2-1. Historical Free Product Recovery Data, SWMU 62, New Housing Fuel Leak Area

Date	Gallons Recovered	Date	Gallons Recovered	Date	Gallons Recovered
CY 1989	70,000	Jan-06	---	Jan-07	0.49
CY 1990	12,000	Feb-06	---	Feb-07	0.26
CY 1991	6,500	Mar-06	---	Mar-07	1.73
CY 1992	3,000	Apr-06	---	Apr-07	1.42
CY 1993	---	May-06	---	May-07	1.36
CY 1994	26,000	Jun-06	---	Jun-07	1.39
CY 1995	11,000	Jul-06	---	Jul-07	1.81
CY 1996	13,400	Aug-06	---	Aug-07	2.09
CY 1997	9,500	Sep-06	15.75	Sep-07	2.21
CY 1998	1,600	Oct-06	5.59	Oct-07	1.58
CY 1999	500	Nov-06	4.63	Nov-07	0.90
CY 2000 - 2005	---	Dec-06	3.88	Dec-07	0.72
Total	153,500	2006 Total	29.85	2007 Total	15.95
Jan-08	0.47	Jan-09	0.36	Jan-10	0.58
Feb-08	1.66	Feb-09	0.13	Feb-10	0.92
Mar-08	0.58	Mar-09	4.09	Mar-10	0.30
Apr-08	1.09	Apr-09	0.33	Apr-10	0.21
May-08	0.24	May-09	0.14	May-10	0.50
Jun-08	0.53	Jun-09	0.97	Jun-10	1.77
Jul-08	0.33	Jul-09	0.68	Jul-10	0.82
Aug-08	0.36	Aug-09	0.43	Aug-10	1.90
Sep-08	0.68	Sep-09	0.81	Sep-10	2.63
Oct-08	0	Oct-09	0.29	Oct-10	2.20
Nov-08	0.11	Nov-09	0.51	Nov-10	1.91
Dec-08	0.24	Dec-09	0.43	Dec-10	1.69
2008 Total	6.29	2009 Total	9.73	2010 Total	15.43
Jan-11	NM	Jan-12	NM		
Feb-11	1.50	Feb-12	NM		
Mar-11	1.48	Mar-12	NM		
Apr-11	NM	Apr-12	1.41		
May-11	1.82	May-12	NM		
Jun-11	0.88	Jun-12	1.47		
Jul-11	0.39	Jul-12	0.45		
Aug-11	2.33	Aug-12	NM		
Sep-11	2.35	Sep-12	0.80		
Oct-11	1.88				
Nov-11	NM				
Dec-11	0.63				
2011 Total	13.26	2012 Total	4.13		

Notes:

Gallons recovered for years between 1989 through 1999 include purged water.

CY – contract year

NM – not measured

SWMU – solid waste management unit

Source: URS Group (2005), TtEC (2005), and current report

Table 2-2. Corrected Groundwater Elevation Summary from October 2011 through September 2012 SMWU 62, New Housing Fuel Leak Area

Monitoring Well	Well Elevation (ft above MLLW)	Total Depth of Well (ft bgs)	Oct-11 (ft above MLLW)	Nov-11 (ft above MLLW)	Dec-11 (ft above MLLW)	Jan-12 (ft above MLLW)	Feb-12 (ft above MLLW)	Mar-12 (ft above MLLW)	Apr-12 (ft above MLLW)	May-12 (ft above MLLW)	Jun-12 (ft above MLLW)	Jul-12 (ft above MLLW)	Aug-12 (ft above MLLW)	Sep-12 (ft above MLLW)	Minimum Groundwater Elevation (ft above MLLW)	Maximum Groundwater Elevation (ft above MLLW)	Average Groundwater Elevation (ft above MLLW)
03-101	26.01	26	3.09	NM	5.48	NM	NM	NM	5.65	NM	3.88	3.60	NM	3.47	3.09	5.65	4.20
03-102	17.27	18.5	2.71	NM	5.02	NM	NM	NM	4.96	NM	3.38	3.15	NM	2.98	2.71	5.02	3.70
03-518	30.35	32	3.51	NM	5.80	NM	NM	NM	6.15	NM	4.42	4.07	NM	3.81	3.51	6.15	4.63
HMW-303-2	30.55	32.1	NM	NM	NM	NM	NM	NM	5.97	NM	4.13	2.81	NM	3.57	2.81	5.97	4.12
HMW-303-3	31.04	31.2	NM	NM	NM	NM	NM	NM	6.39	NM	4.34	3.99	NM	3.70	3.70	6.39	4.60
HMW-303-9	29.54	35	3.09	NM	5.15	NM	NM	NM	5.24	NM	3.56	3.31	NM	3.16	3.09	5.24	3.92
HMW-303-11	31.64	32.5	3.33	NM	5.60	NM	NM	NM	5.87	NM	4.18	3.86	NM	3.62	3.33	5.87	4.41
MRP-MW3	27.25	10	23.47	NM	25.22	NM	NM	NM	23.31	NM	19.92	19.53	NM	19.07	19.07	25.22	21.75
MW-15	20.96	22	2.81	NM	5.09	NM	NM	NM	5.08	NM	3.52	3.27	NM	3.03	2.81	5.09	3.80
MW-303-8	27.39	30	4.20	NM	6.95	NM	NM	NM	Disc	Disc	Disc	Disc	Disc	Disc	4.20	6.95	5.57
MW-303-10	27.68	31	4.14	NM	6.65	NM	NM	NM	Disc	Disc	Disc	Disc	Disc	Disc	4.14	6.65	5.40
MW-303-12	25.80	35.5	3.95	NM	6.86	NM	NM	NM	6.22	NM	5.11	4.68	NM	4.28	3.95	6.86	5.18
MW-303-14	28.10	29.2	NM	NM	NM	NM	NM	NM	8.55	NM	6.54	6.04	NM	5.53	5.53	8.55	6.67
RW-303-4	27.89	38	5.33	NM	8.16	NM	NM	NM	8.56	NM	6.47	6.07	NM	5.67	5.33	8.56	6.71
RW-303-7	26.61	38	NM	NM	NM	NM	NM	NM	8.67	NM	4.64	4.26	NM	3.75	3.75	8.67	5.33
RW-303-13	8.98	19.4	1.94	NM	3.78	NM	NM	NM	3.30	NM	2.11	2.18	NM	2.26	1.94	3.78	2.60
RW-303-15	31.26	34.1	3.25	NM	5.52	NM	NM	NM	5.82	NM	4.09	3.76	NM	3.53	3.25	5.82	4.33
SWMU62-R1 ¹	6.52	10.30	-0.69	NM	0.90	NM	NM	NM	0.47	NM	-0.46	-0.45	NM	-0.54	-0.69	0.90	-0.13
SWMU62-R2 ¹	6.80	10.34	-0.22	NM	1.46	NM	NM	NM	1.00	NM	-0.02	-0.02	NM	-0.06	-0.22	1.46	0.36
SWMU62-R3 ¹	7.47	10.48	0.68	NM	2.46	NM	NM	NM	1.99	NM	0.83	0.89	NM	0.88	0.68	2.46	1.29
SWMU62-R4 ¹	8.04	10.19	1.45	NM	3.25	NM	NM	NM	2.74	NM	1.59	1.64	NM	1.65	1.45	3.25	2.05
SWMU62-R5 ¹	8.97	9.30	2.63	NM	4.43	NM	NM	NM	3.93	NM	2.76	2.84	NM	2.83	2.63	4.43	3.24
SWMU62-R6 ¹	9.52	9.90	2.77	NM	4.56	NM	NM	NM	4.06	NM	2.90	2.97	NM	2.97	2.77	4.56	3.37
Average Elevation	NA	NA	3.76	NM	5.91	NM	NM	NM	5.90	NM	4.18	3.93	NM	3.77	NA	NA	NA

Notes:
¹ recovery sumps
 Groundwater elevations were corrected for free product if present.
 bgs – below ground surface
 Disc - discontinued
 ft – feet
 MLLW – mean lower low water
 NA – not applicable
 NM – not measured
 SWMU – solid waste management unit

Table 2-3. Product Thickness Summary from October 2011 through September 2012, SMWU 62, New Housing Fuel Leak Area

Monitoring Well	Oct-11 (feet)	Nov-11 (feet)	Dec-11 (feet)	Jan-12 (feet)	Feb-12 (feet)	Mar-12 (feet)	Apr-12 (feet)	May-12 (feet)	Jun-12 (feet)	Jul-12 (feet)	Aug-12 (feet)	Sep-12 (feet)	Minimum Product Thickness (feet)	Maximum Product Thickness (feet)	Average Product Thickness (feet)	Total Months Product Found
03-101	0	NM	0	NM	NM	NM	0.18	NM	0.08	0	NM	0	0	0.18	0.04	2
03-102	0	NM	0.38	NM	NM	NM	0.47	NM	0.05	0	NM	0	0	0.47	0.15	3
03-518	0	NM	0	NM	NM	NM	0	NM	0	0	NM	0	0	0	0	0
HMW-303-2	NM	NM	NM	NM	NM	NM	0	NM	0	0	NM	0	0	0	0	0
HMW-303-3	NM	NM	NM	NM	NM	NM	0	NM	0.55	0	NM	0	0	0.55	0.14	1
HMW-303-9	0	NM	0	NM	NM	NM	0	NM	0	0	NM	0	0	0	0	0
HMW-303-11	0	NM	0	NM	NM	NM	0	NM	0.04	0	NM	0	0	0.04	0.01	1
MRP-MW3	0	NM	0	NM	NM	NM	0	NM	0	0	NM	0	0	0	0	0
MW-15	0.57	NM	0	NM	NM	NM	0.51	NM	0.27	0	NM	0	0	0.57	0.23	3
MW-303-8	0	NM	0.10	NM	NM	NM	Disc	Disc	Disc	Disc	Disc	Disc	0	0.10	0.05	1
MW-303-10	0	NM	0	NM	NM	NM	Disc	Disc	Disc	Disc	Disc	Disc	0	0	0	0
MW-303-12	0	NM	0.01	NM	NM	NM	0	NM	0	0	NM	0	0	0.01	0	1
MW-303-14	NM	NM	NM	NM	NM	NM	0	NM	0	0	NM	0	0	0	0	0
RW-303-4	0	NM	0.04	NM	NM	NM	0	NM	0	0	NM	0	0	0.04	0.01	1
RW-303-7	NM	NM	NM	NM	NM	NM	0	NM	0	0	NM	0	0	0	0	0
RW-303-13	0	NM	0	NM	NM	NM	0	NM	0	0	NM	0	0	0	0	0
RW-303-15	0	NM	0	NM	NM	NM	0.16	NM	0.29	0	NM	0	0	0.29	0.07	2
SWMU62-R1¹	0	NM	0	NM	NM	NM	0	NM	0	0	NM	0.03	0	0.03	0.01	1
SWMU62-R2 ¹	0	NM	0	NM	NM	NM	0	NM	0	0	NM	0	0	0	0	0
SWMU62-R3¹	0.10	NM	0.05	NM	NM	NM	0.03	NM	0.16	0.13	NM	0.10	0.03	0.16	0.09	6
SWMU62-R4¹	0.07	NM	0.06	NM	NM	NM	0.01	NM	0.07	0.09	NM	0.09	0.01	0.09	0.06	6
SWMU62-R5¹	0.05	NM	0.01	NM	NM	NM	0	NM	0	0.02	NM	0.04	0	0.05	0.01	4
SWMU62-R6 ¹	0	NM	0	NM	NM	NM	0	NM	0	0	NM	0	0	0	0	0
Average Product Thickness	0.04	NM	0.03	NM	NM	NM	0.06	NM	0.07	0.01	NM	0.01	NA	NA	NA	NA

Notes:

¹ recovery sumps

Bolded well IDs indicate monitoring wells that have had product observed during the reporting period.

Disc - discontinued

NA – not applicable

NM – not measured

SWMU – solid waste management unit

Table 2-4. Recovered Product Volume Summary from October 2011 through September 2012, SMWU 62, New Housing Fuel Leak Area

Monitoring Well	Oct-11 (gallons)	Nov-11 (gallons)	Dec-11 (gallons)	Jan-12 (gallons)	Feb-12 (gallons)	Mar-12 (gallons)	Apr-12 (gallons)	May-12 (gallon)	Jun-12 (gallon)	Jul-12 (gallons)	Aug-12 (gallons)	Sep-12 (gallons)	Minimum Volume of Recovered Product (gallons)	Maximum Volume of Recovered Product (gallons)	Average Volume of Recovered Product (gallons)	Total Volume of Recovered Product (gallons)
03-101	0	NM	0	NM	NM	NM	0.32	NM	0.10	0	NM	0	0	0.32	0.07	0.42
03-102	0	NM	0.15	NM	NM	NM	0.60	NM	0.03	0	NM	0	0	0.60	0.13	0.78
03-518	0	NM	0	NM	NM	NM	0	NM	0	0	NM	0	0	0	0	0
HMW-303-2	NM	NM	NM	NM	NM	NM	0	NM	0	0	NM	0	0	0	0	0
HMW-303-3	NM	NM	NM	NM	NM	NM	0	NM	0.11	0	NM	0	0	0.11	0.03	0.11
HMW-303-9	0	NM	0	NM	NM	NM	0	NM	0	0	NM	0	0	0	0	0
HMW-303-11	0	NM	0	NM	NM	NM	0	NM	0	0	NM	0	0	0	0	0
MRP-MW3	0	NM	0	NM	NM	NM	0	NM	0	0	NM	0	0	0	0	0
MW-15	0.10	NM	0	NM	NM	NM	0	NM	0.03	0	NM	0	0	0.10	0.02	0.13
MW-303-8	0	NM	0.01	NM	NM	NM	Disc	Disc	Disc	Disc	Disc	Disc	0	0.01	0.01	0.01
MW-303-10	0	NM	0	NM	NM	NM	Disc	Disc	Disc	Disc	Disc	Disc	0	0	0	0
MW-303-12	0	NM	0	NM	NM	NM	0	NM	0	0	NM	0	0	0	0	0
MW-303-14	NM	NM	NM	NM	NM	NM	0	NM	0	0	NM	0	0	0	0	0
RW-303-4	0	NM	0	NM	NM	NM	0	NM	0	0	NM	0	0	0	0	0
RW-303-7	NM	NM	NM	NM	NM	NM	0	NM	0	0	NM	0	0	0	0	0
RW-303-13	0	NM	0	NM	NM	NM	0	NM	0	0	NM	0	0	0	0	0
RW-303-15	0	NM	0	NM	NM	NM	0.47	NM	0.37	0	NM	0	0	0.47	0.14	0.84
SWMU62-R1 ¹	0	NM	0	NM	NM	NM	0	NM	0	0	NM	0	0	0	0	0
SWMU62-R2 ¹	0	NM	0	NM	NM	NM	0	NM	0	0	NM	0	0	0	0	0
SWMU62-R3¹	0.96	NM	0.02	NM	NM	NM	0.01	NM	0.82	0.31	NM	0.37	0.01	0.96	0.42	2.49
SWMU62-R4¹	0.82	NM	0.02	NM	NM	NM	0	NM	0.02	0.13	NM	0.43	0	0.82	0.24	1.42
SWMU62-R5 ¹	0	NM	0	NM	NM	NM	0	NM	0	0	NM	0	0	0	0	0
SWMU62-R6 ¹	0	NM	0	NM	NM	NM	0	NM	0	0	NM	0	0	0	0	0
Total Volume of Recovered Product (gallons)	1.88	NM	0.20	NM	NM	NM	1.40	NM	1.48	0.44	NM	0.80	NA	NA	NA	6.20
6-Month Moving Average	1.61	1.31	1.19	1.13	0.74	0.35	0.27	0.27	0.48	0.55	0.55	0.69	NA	NA	NA	NA

Notes:

¹ recovery sumps

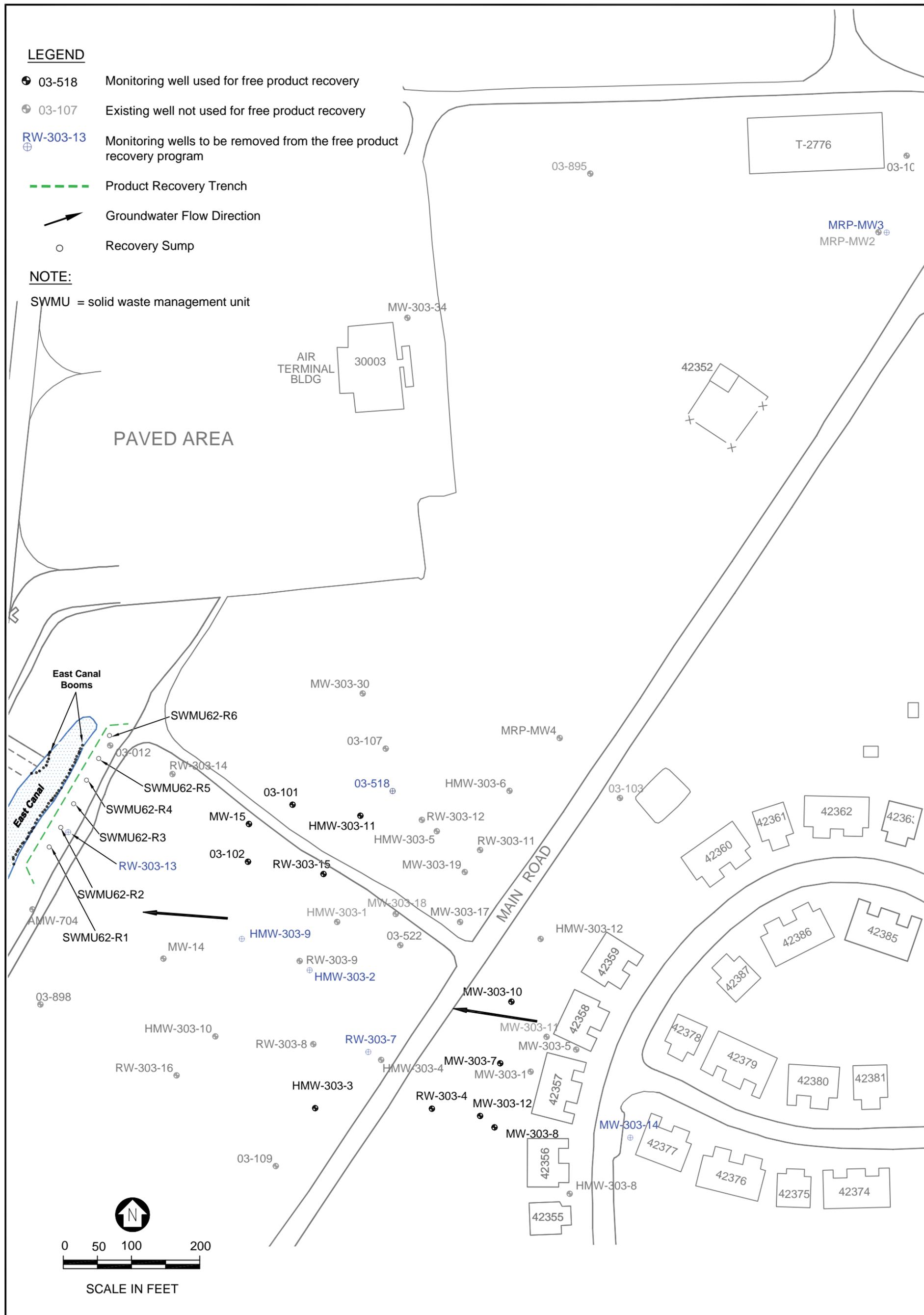
Bolded well IDs indicate monitoring wells that have had product recovered during the reporting period.

Disc - discontinued

NA – not applicable

NM – not measured

SWMU – solid waste management unit



Legend

- Ground elevation contour (ft above MLLW)
- 03-109** Well ID
- 2012 monitoring well
- Groundwater Elevation (ft above MLLW)
- Groundwater Elevation Contour (ft above MLLW)
- General groundwater flow direction

AST = aboveground storage tank

JP-5 = jet petroleum fuel No. 5

MLLW = mean lower low water

SWMU = solid waste management unit

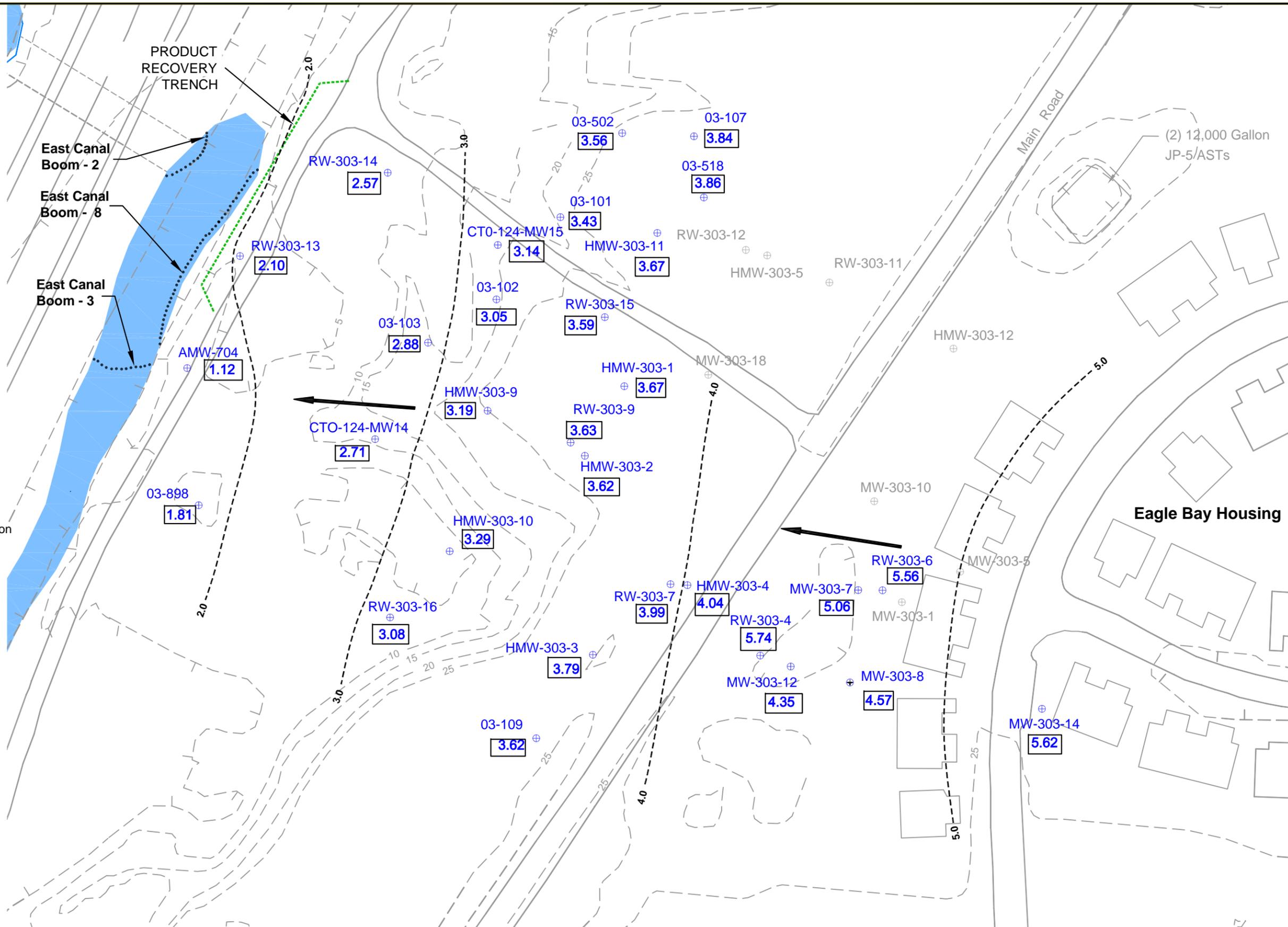
Note:

Wells RW-303-4 and RW-303-6 were not used in contouring.

Groundwater elevations were measured on September 10, 2012.



Site Location (not to scale)



U.S. NAVY

SEALASKA

Figure 2-2
SWMU 62, New Housing Fuel Leak (Eagle Bay Housing)
Potentiometric Surface Map

Task Order 43
 2012 Remedial Action
 Summary Report
 Adak, Alaska

Figure 2-3. Free Product Thickness in SWMU 62, New Housing Fuel Leak Area Recovery Sumps

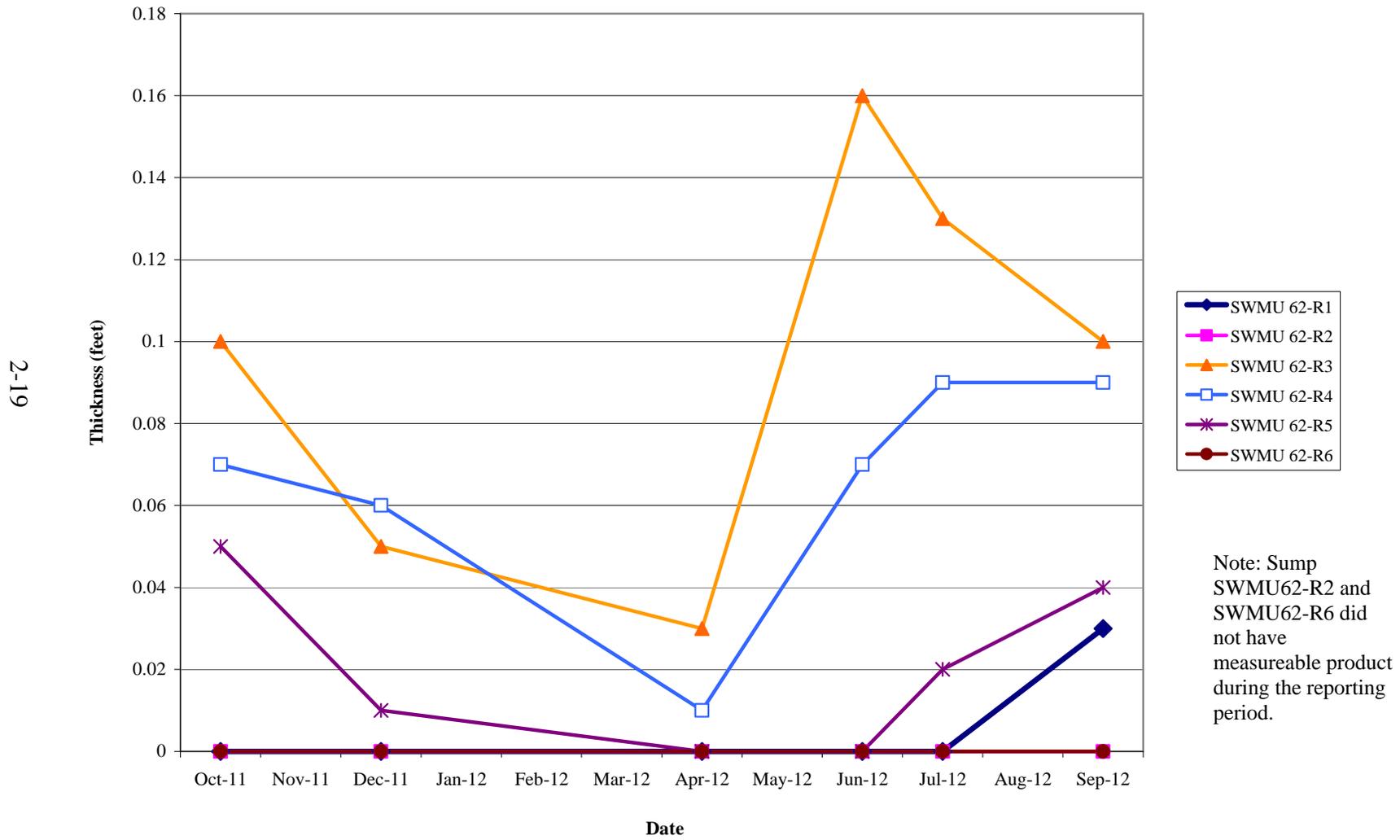
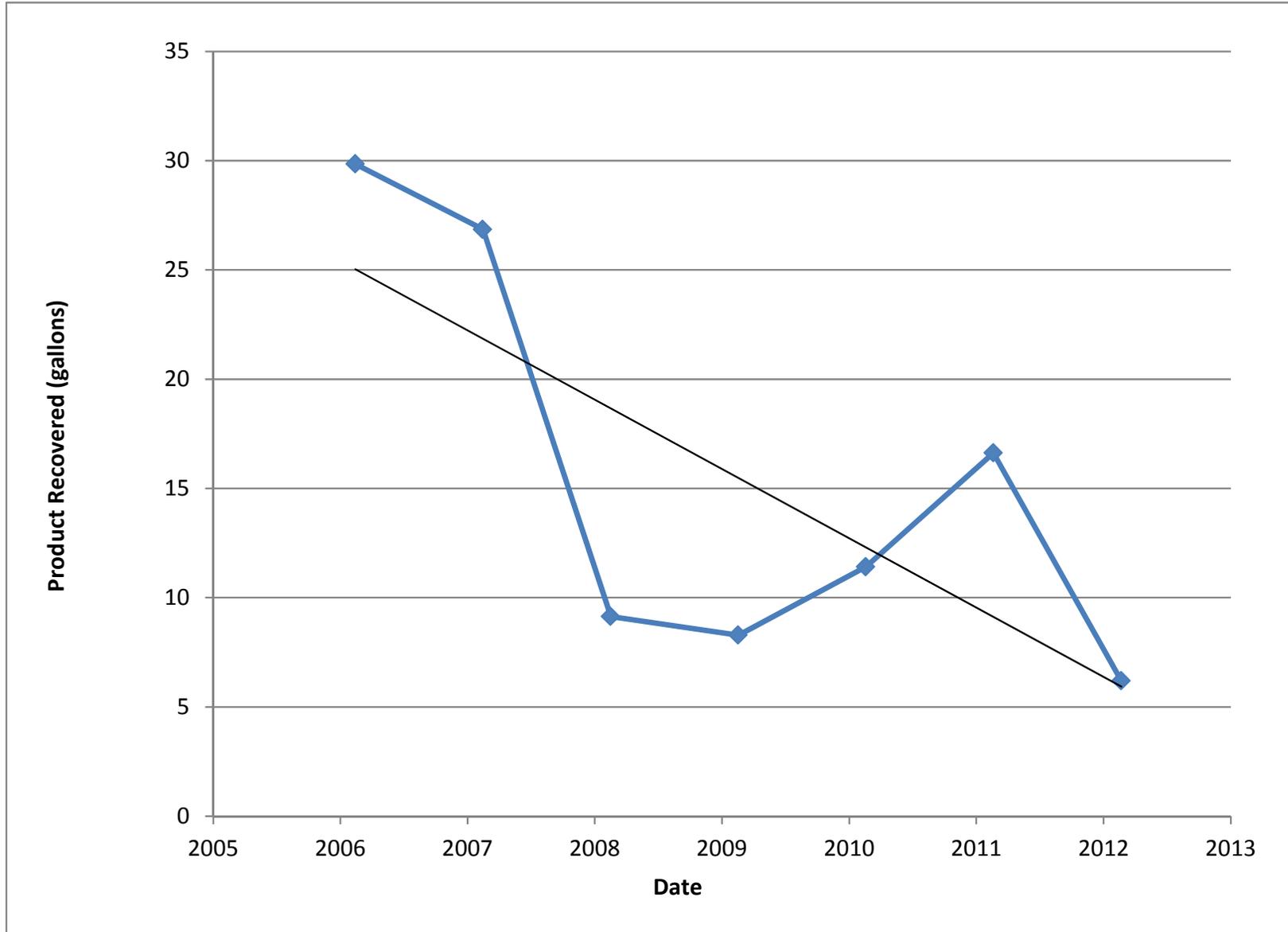


Figure 2-4. Historical Product Recovery, October 2006 through September 2012, SWMU 62, New Housing Fuel Leak Area



2-20

Figure 2-5. Six-Month Moving Average of Product Recovered, SWMU 62, New Housing Fuel Leak Area

2-21

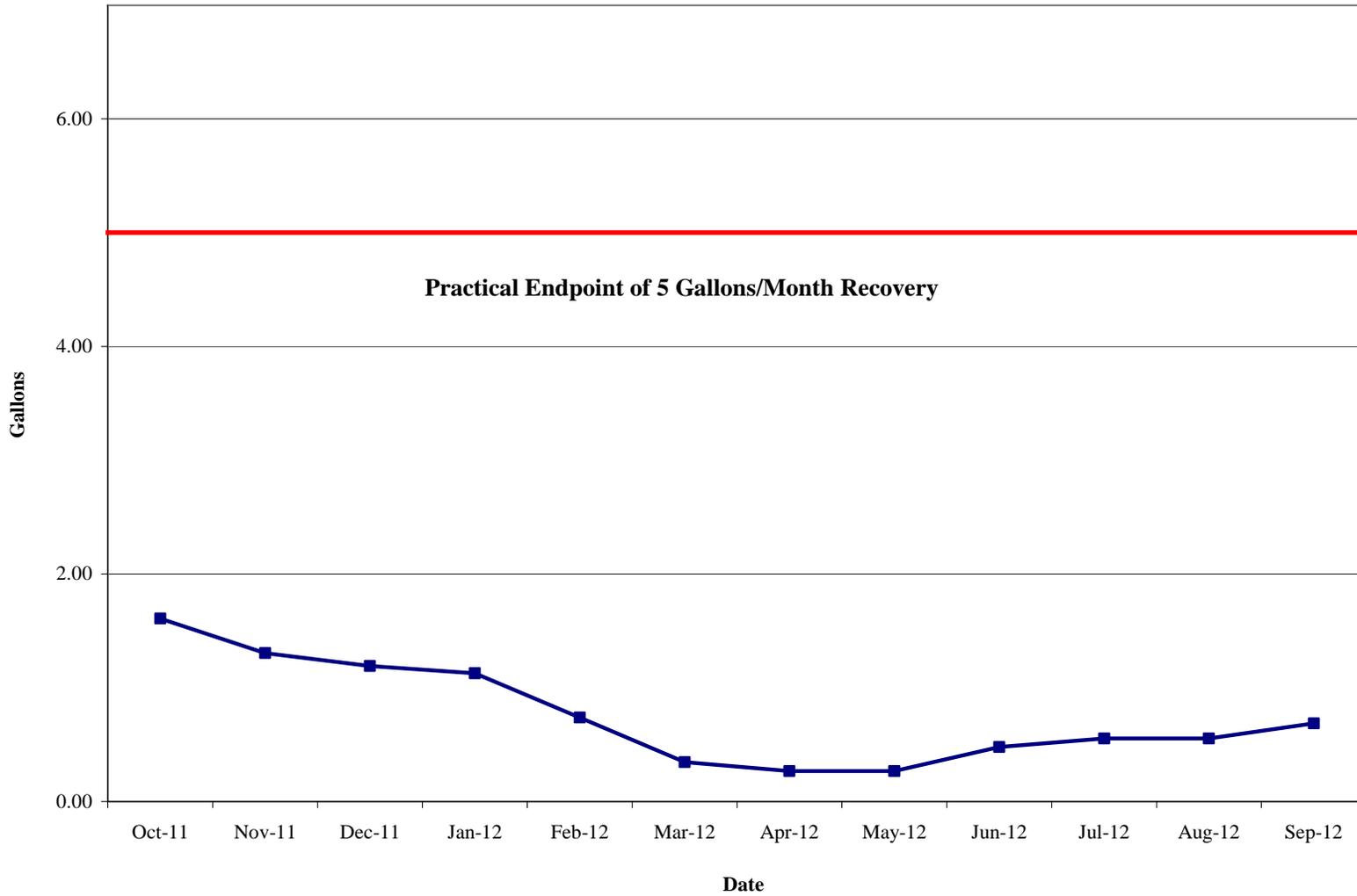
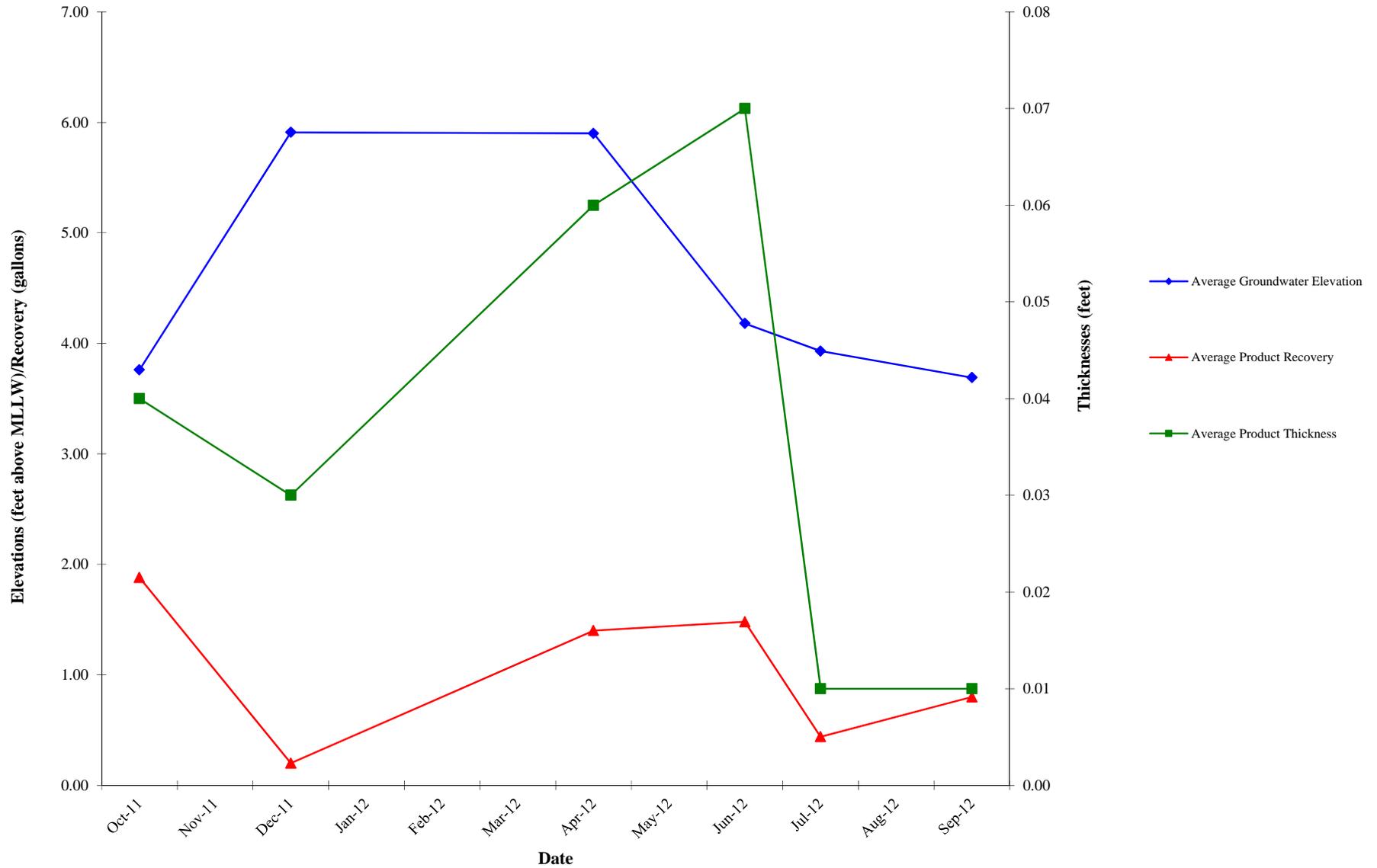


Figure 2-6. Comparison of Average Groundwater Elevation, Average Product Thickness, and Total Recovered Product Volume from October 2011 through September 2012, SWMU 62, New Housing Fuel Leak Area



2-22

3. ADDITIONAL SITES

3.1 SITE DESCRIPTION

In 2006, specific wells at additional sites were identified for free product recovery based on September 2006 LTM field observations. In May of 2007, during comment resolution for the 2006 Annual Groundwater Monitoring Report, the ADEC and the Navy agreed to resume free product recovery at these wells. Free product activities were conducted at 23 additional wells located at the following 11 sites:

- GCI (General Communication, Inc.) Compound
- NMCB Expanded Area
- North Pacific (NORPAC) Hill Seep Area
- SA 78, Old Transportation Building
- SA 80, Steam Plant 4
- SA 82, P-80/P-81 Buildings
- SA 88, P-70 Energy Generator
- South of Runway 18-36 Area
- SWMU 58/SA 73, Heating Plant 6
- SWMU 62, New Housing Fuel Leak Area
- Tanker Shed

In October 2008, free product activities were discontinued at the NMCB Expanded Area because practical endpoints for monthly volume of product recovery had been achieved (SES-TECH 2009). In November 2009, ADEC notified the Navy that it intended to grant conditional closure at SA 82, P-80/P-81 Buildings so free product activities ceased. In May of 2010, during comment resolution for the 2009 Annual Groundwater Monitoring Report, ADEC and the Navy agreed to resume free product recovery at select NMCB Expanded Area wells for surface water protection due to the observation of free product on the groundwater. It was additionally agreed to discontinue free product recovery activities at GCI Compound, SA 78, Old Transportation Building, and Tanker Shed sites because no or very small quantities of free product were recovered during the previous monitoring year October 2008 to September 2009 (SES-TECH 2010). In May 2011, during comment resolution for the 2010 Annual Groundwater Monitoring Report, ADEC agreed to grant

conditional closure at NORPAC Hill Seep Area and SA 88, P-70 Energy Generator because the practical endpoint criteria specified in the OU A ROD had been achieved. In 2010, four additional monitoring wells were installed at SWMU 60, Tank Farm A downgradient of the site. Free product monitoring at two of these wells was initiated in April 2012.

Currently, free product recovery activities occurred at the following four sites during the sampling period October 2011 through September 2012:

- NMCB Expanded Area
- SA 80, Steam Plant 4
- SWMU 58/SA 73, Heating Plant 6
- SWMU 60, Tank Farm A

Product recovery was conducted during the 2011/2012 reporting period to fulfill surface water protection criteria under the ROD at NMCB, SWMU 58/SA 73, and SWMU 60. Product recovery was conducted at SA 80 during the reporting period because of the observance of free product on groundwater and increasing trends in petroleum concentrations in downgradient wells. Each site is discussed in more detail below.

3.1.1 NMCB Expanded Area

The NMCB Expanded Area consists of lowlands between Seawall Road and Sweeper Cove, just east of the South of Runway 18-36 Area (Figure 3-1). Topography is flat, low-lying land, with elevations generally less than 15 feet above MLLW. Groundwater forms a regional unconfined aquifer with a tidally-influenced water table that is encountered approximately 5 to 10 feet bgs beneath the site (commonly referred to as the downtown aquifer). South of Seawall Road, the groundwater flow direction is to the south, toward Sweeper Cove. North of Seawall Road, the groundwater flow direction is generally to the northwest, toward East Canal. Groundwater at NMCB Expanded Area is not considered to be a potential future water source due to the potential for salt water intrusion, as per Alaska regulations (18 Alaska Administrative Code [AAC] 75.345[b][2]).

The Navy and ADEC selected the remedial alternatives of institutional controls, free-product recovery, and monitored natural attenuation in 2005 under the State-Adak Environmental Restoration Agreement (SAERA). In 2008, free product recovery was discontinued because endpoint criteria were met. However during annual LTM activities, surface water protection criteria were observed to be exceeded based on the presence of free product in shoreline wells. Exceedances included the continued observance of free product and endpoint exceedances in shoreline wells, endpoint exceedances in shoreline sediment,

and stable but not decreasing concentrations of petroleum constituents in groundwater. Therefore, monthly product recovery activities were re-started at this site in June 2010. A total of 1.68 gallons of free product was removed from site wells October 2010 through September 2011. The total of product removed from site wells October 2011 through September 2012 decreased to 0.82 gallons.

3.1.2 SA 80, Steam Plant 4

The SA 80 site is located in the northern downtown area between the Main Road and Runway 18/36 taxiway (Figure 3-2). Topography is relatively flat, low-lying land, with elevations between 25 and 30 feet above MLLW. Groundwater forms a regional unconfined aquifer with a water table that is encountered approximately 15 to 20 feet bgs beneath the site (commonly referred to as the downtown aquifer). The groundwater flow direction is to the west, toward the East Canal. A shallow perched aquifer zone has also been identified to occur in the area of the removed USTs (URS 2004). One product recovery well, 04-173, has a shallow water level that represent this perched zone. The groundwater at this site is not reasonably expected to be a potential future source of drinking water.

Product recovery endpoint for this site are not defined by the ROD; however, product recovery activities have been performed at this site at the request of ADEC because of the continued observance of free product in onsite wells. Monthly free product recovery activities were also performed at this site during contract year 2010/2011 (October through September). A total of 2.82 gallons of free product was recovered during this time period. The total of product removed from site wells October 2011 through September 2012 decreased to 2.09 gallons.

3.1.3 SWMU 58/SA 73, Heating Plant 6

The SWMU 58/SA 73 site is located on a south-facing hillside on the northwest side of Clam Lagoon (Figure 3-3). Surface elevations generally range from 50 to 75 feet above MLLW. Groundwater occurs in an unconfined aquifer with a water table that is encountered approximately 10 to 15 feet bgs beneath the site. The interpreted groundwater flow direction is to the southeast toward Clam Lagoon. The groundwater at this site is not reasonably expected to be a potential future source of drinking water.

The remedy specified for this site in the OU A ROD is free product recovery. Monthly free product recovery activities were performed at this site under TO 21 during contract year 2010/2011 (October through September). A total of 0.52 gallons of free product was recovered during this time period. No product was recovered from site wells during October 2011 through September 2012.

3.1.4 SWMU 60, Tank Farm A

The SWMU 60 site consists of Tank Farm A, located on an east-facing hill west of the lower reach of South Sweeper Creek (Figure 3-4). The portion of the site subject to this investigation is the lower elevation eastern end adjacent to South Sweeper Creek. Two monitoring wells installed in 2010 encountered floating product upgradient of the oil seep on the west bank of South Sweeper Creek. Boom 10 is maintained at this seep to control the migration of sheen to surface water.

During annual LTM activities, surface water protection criteria were observed to be exceeded. Exceedances included the observance of free product in newly installed monitoring wells, endpoint exceedances in groundwater, endpoint exceedances in shoreline sediment, and continued observance of a petroleum shoreline seep downgradient of the site. Monthly product recovery activities were started at this site in September 2011 when 0.16 gallons of free product was removed from two of the newly installed monitoring wells, 652 and 653. The total of product removed from site wells October 2011 through September 2012 was 0.20 gallons.

3.2 GROUNDWATER ELEVATIONS AND PRODUCT THICKNESSES

During product recovery activities at the additional sites, monitoring wells were measured for groundwater elevations and the presence of free product. Monthly groundwater elevations for each well from October 2011 through September 2012 are presented in Table 3-1.

Groundwater elevations were corrected for the presence of free product, where observed, by using the equation presented in Section 2.5. Free product thickness measurements, including minimum, maximum, and average are presented in Table 3-2.

3.3 RECOVERED VOLUMES

Free product recovery at the additional sites has been conducted through a combination of hand bailing, passive canisters, and sorbent socks installed in site wells. Table 3-3 lists the average and monthly volume of product recovered from each well. Eight of the 13 wells monitored had recoverable product in one or more months during the reporting period (see Table 3-3). The maximum total volume of recovered product during the 12 months in any well was 0.62 gallons from 04-157 at SA 80, Steam Plant 4. The total volume of free product recovered from NMCB Expanded Area was 0.82 gallons; from SA 80, Steam Plant 4 was 2.09 gallons; from SWMU 58/SA 73, Heating Plant 6 there was no product recovered; and from SWMU 60, Tank Farm A was 0.20 gallons during October 2011 through September 2012 reporting period. The total volume of recovered product from all four sites for the 12 months of product recovery was 3.11 gallons and the maximum volume recovered in one month was 0.87 gallons in July 2012.

Table 3-1. Corrected Groundwater Elevation Summary from October 2011 through September 2012, Additional Sites

Monitoring Well	Well Elevation (ft above MLLW)	Total Depth of Well (ft bgs)	Oct-11 (ft above MLLW)	Nov-11 (ft above MLLW)	Dec-11 (ft above MLLW)	Jan-12 (ft above MLLW)	Feb-12 (ft above MLLW)	Mar-12 (ft above MLLW)	Apr-12 (ft above MLLW)	May-12 (ft above MLLW)	Jun-12 (ft above MLLW)	Jul-12 (ft above MLLW)	Aug-12 (ft above MLLW)	Sep-12 (ft above MLLW)	Minimum Groundwater Elevation (ft above MLLW)	Maximum Groundwater Elevation (ft above MLLW)	Average Groundwater Elevation (ft above MLLW)
NMCB Expanded Area																	
02-300	11.99	14.0	2.43	NM	3.77	NM	NM	NM	2.65	NM	1.69	1.87	NM	2.72	1.69	3.77	2.52
02-463	12.58	13.0	2.90	NM	3.96	NM	NM	NM	3.53	NM	2.55	2.27	NM	3.42	2.27	3.96	3.11
02-497	9.15	14.0	2.50	NM	3.31	NM	NM	NM	2.91	NM	1.90	2.04	NM	2.74	1.90	3.31	2.57
02-815	16.35	17.5	2.57	NM	4.04	NM	NM	NM	3.22	NM	2.32	2.14	NM	2.77	2.14	4.04	2.84
02-818	11.55	15.0	2.46	NM	3.75	NM	NM	NM	2.90	NM	2.01	2.01	NM	2.75	2.01	3.75	2.65
NMCB-07	11.85	19.25	2.35	NM	3.71	NM	NM	NM	2.67	NM	1.49	1.91	NM	2.71	1.49	3.71	2.47
NMCB-10	12.95	17.75	2.33	NM	3.40	NM	NM	NM	2.41	NM	1.93	1.97	NM	2.61	1.93	3.40	2.44
SA 80 Steam Plant 4																	
04-157	28.18	25.0	7.15	NM	11.55	NM	NM	NM	12.37	NM	9.84	9.52	NM	10.14	7.15	12.37	10.09
04-158	27.36	30.0	7.36	NM	13.71	NM	NM	NM	15.83	NM	10.32	8.57	NM	8.72	7.36	15.83	10.75
04-173	27.46	30.0	12.43	NM	15.96	NM	NM	NM	17.15	NM	13.60	13.37	NM	12.95	12.43	17.15	14.24
SWMU 58/SA 73 Heating Plant 6																	
12-203	76.11	16.0	63.55	NM	64.85	NM	NM	NM	65.32	NM	63.61	63.68	NM	64.06	63.55	65.32	64.18
SWMU 60 Tank Farm A																	
652	12.37	15.25	2.66	NM	5.63	NM	NM	NM	4.65	NM	2.75	2.61	NM	3.02	2.61	5.63	3.55
653	15.14	15.25	3.58	NM	7.79	NM	NM	NM	7.43	NM	5.06	4.22	NM	3.51	3.51	7.79	5.27

Notes:
 Groundwater elevations were corrected for free product if present.
 bgs – below ground surface
 ft – feet
 MLLW – mean lower low water
 NA – not applicable
 NM – not measured
 SA – Source Area
 SWMU – solid waste management unit

Table 3-2. Product Thickness Summary from October 2011 through September 2012, Additional Sites

Monitoring Well	Oct-11 (feet)	Nov-11 (feet)	Dec-11 (feet)	Jan-12 (feet)	Feb-12 (feet)	Mar-12 (feet)	Apr-12 (feet)	May-12 (feet)	Jun-12 (feet)	Jul-12 (feet)	Aug-12 (feet)	Sep-12 (feet)	Minimum Product Thickness (feet)	Maximum Product Thickness (feet)	Average Product Thickness (feet)	Total Months Product Found
<i>NMCB Expanded Area</i>																
02-300	0.03	NM	0	NM	NM	NM	0.14	NM	0.04	0.98	NM	0.14	0	0.98	0.13	5
02-463	0	NM	0	NM	NM	NM	0	NM	0	0	NM	0	0	0	0	0
02-497	0.01	NM	0	NM	NM	NM	0	NM	0	0.50	NM	0.12	0	0.50	0.06	3
02-815	0.02	NM	0	NM	NM	NM	0.03	NM	0	0.13	NM	0.02	0	0.13	0.02	4
02-818	0.03	NM	0	NM	NM	NM	0.03	NM	0	0.31	NM	0.03	0	0.31	0.04	4
NMCB-07	0.10	NM	0.07	NM	NM	NM	0.12	NM	0	0.56	NM	0.44	0	0.56	0.14	5
NMCB-10	0.04	NM	0.02	NM	NM	NM	0	NM	0	0.34	NM	0.16	0	0.34	0.06	4
<i>SA 80 Steam Plant 4</i>																
04-157	0.01	NM	0.76	NM	NM	NM	1.14	NM	0.22	0.03	NM	0.03	0.01	1.14	0.22	6
04-158	0.02	NM	0.13	NM	NM	NM	0.41	NM	0.46	0.02	NM	0	0	0.46	0.10	5
04-173	0	NM	0	NM	NM	NM	0	NM	0.04	0.02	NM	0	0	0.04	0.01	2
<i>SWMU 58/SA 73 Heating Plant 6</i>																
12-203	0	NM	0	NM	NM	NM	0.07	NM	0.06	0.02	NM	0	0	0.07	0.02	3
<i>SWMU 60 Tank Farm A</i>																
652	0.01	NM	0.02	NM	NM	NM	0.08	NM	0	0.02	NM	0	0	0.08	0.01	4
653	0.56	NM	0.13	NM	NM	NM	0	NM	0	0	NM	0	0	0.56	0.07	2

Notes:

Bolded well IDs indicate monitoring wells that have had product observed during the reporting period.

NA – not applicable

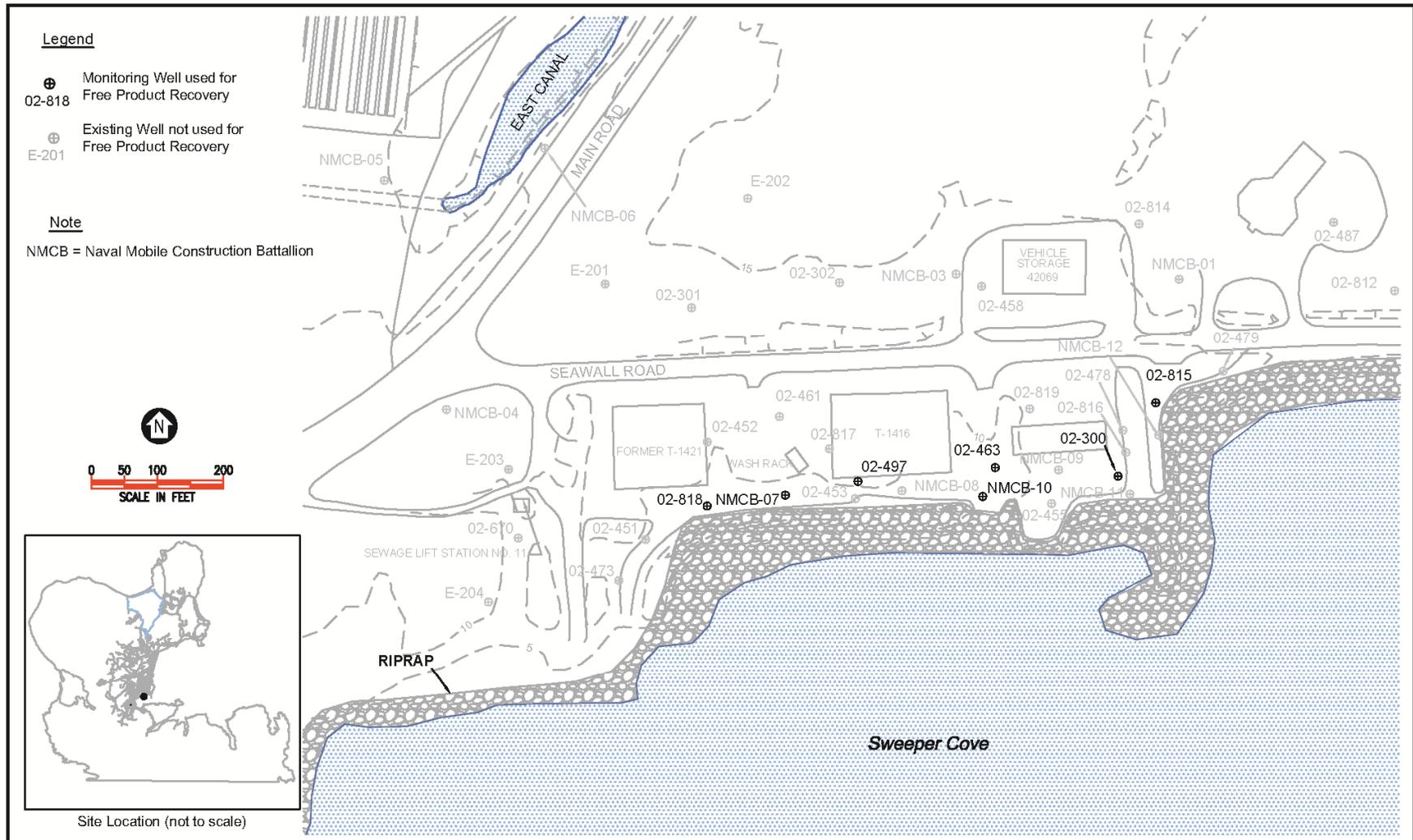
NM – not measured

SWMU – solid waste management unit

Table 3-3. Recovered Product Volume Summary from October 2011 through September 2012, Additional Sites

Monitoring Well	Oct-11 (gallons)	Nov-11 (gallons)	Dec-11 (gallons)	Jan-12 (gallons)	Feb-12 (gallons)	Mar-12 (gallons)	Apr-12 (gallons)	May-12 (gallon)	Jun-12 (gallon)	Jul-12 (gallons)	Aug-12 (gallons)	Sep-12 (gallons)	Minimum Volume of Recovered Product (gallons)	Maximum Volume of Recovered Product (gallons)	Average Volume of Recovered Product (gallons)	Total Volume of Recovered Product (gallons)
<i>NMCB Expanded Area</i>																
02-300	0	NM	0	NM	NM	NM	0	NM	0	0.13	NM	0.02	0	0.13	0.02	0.15
02-463	0	NM	0	NM	NM	NM	0	NM	0	0	NM	0	0	0	0	0
02-497	0	NM	0	NM	NM	NM	0	NM	0	0.16	NM	0	0	0.06	0.01	0.06
02-815	0	NM	0	NM	NM	NM	0	NM	0	0.07	NM	0	0	0.07	0.01	0.07
02-818	0	NM	0	NM	NM	NM	0	NM	0	0	NM	0	0	0	0	0
NMCB-07	0.14	NM	0.02	NM	NM	NM	0.08	NM	0	0.25	NM	0.02	0	0.25	0.06	0.51
NMCB-10	0	NM	0	NM	NM	NM	0	NM	0	0	NM	0.03	0	0.03	0	0.03
Total Volume of Recovered Product (gallons)	0.14	NA	0.02	NA	NA	NA	0.08	NA	0	0.61	NA	0.07	NA	NA	NA	0.82
<i>SA 80 Steam Plant 4</i>																
04-157	0	NM	0.48	NM	NM	NM	0.62	NM	0.39	0.01	NM	0	0	0.62	0.15	1.50
04-158	0	NM	0.08	NM	NM	NM	0	NM	0.48	0.03	NM	0	0	0.48	0.06	0.59
04-173	0	NM	0	NM	NM	NM	0	NM	0	0	NM	0	0	0	0	0
Total Volume of Recovered Product (gallons)	0	NA	0.56	NA	NA	NA	0.62	NA	0.87	0.04	NA	0	NA	NA	NA	2.09
<i>SWMU 58/SA 73 Heating Plant 6</i>																
12-203	0	NM	0	NM	NM	NM	0	NM	0	0	NM	0	0	0	0	0
Total Volume of Recovered Product (gallons)	0	NA	0	NA	NA	NA	0	NA	0	0	NA	0	NA	NA	NA	0
<i>SWMU 60 Tank Farm A</i>																
652	0	NM	0	NM	NM	NM	0	NM	0	0	NM	0	0	0	0	0
653	0.18	NM	0.02	NM	NM	NM	0	NM	0	0	NM	0	0	0.18	0.03	0.20
Total Volume of Recovered Product (gallons)	0.18	NM	0.02	NM	NM	NM	0	NM	0	0	NM	0	NA	NA	NA	0.20

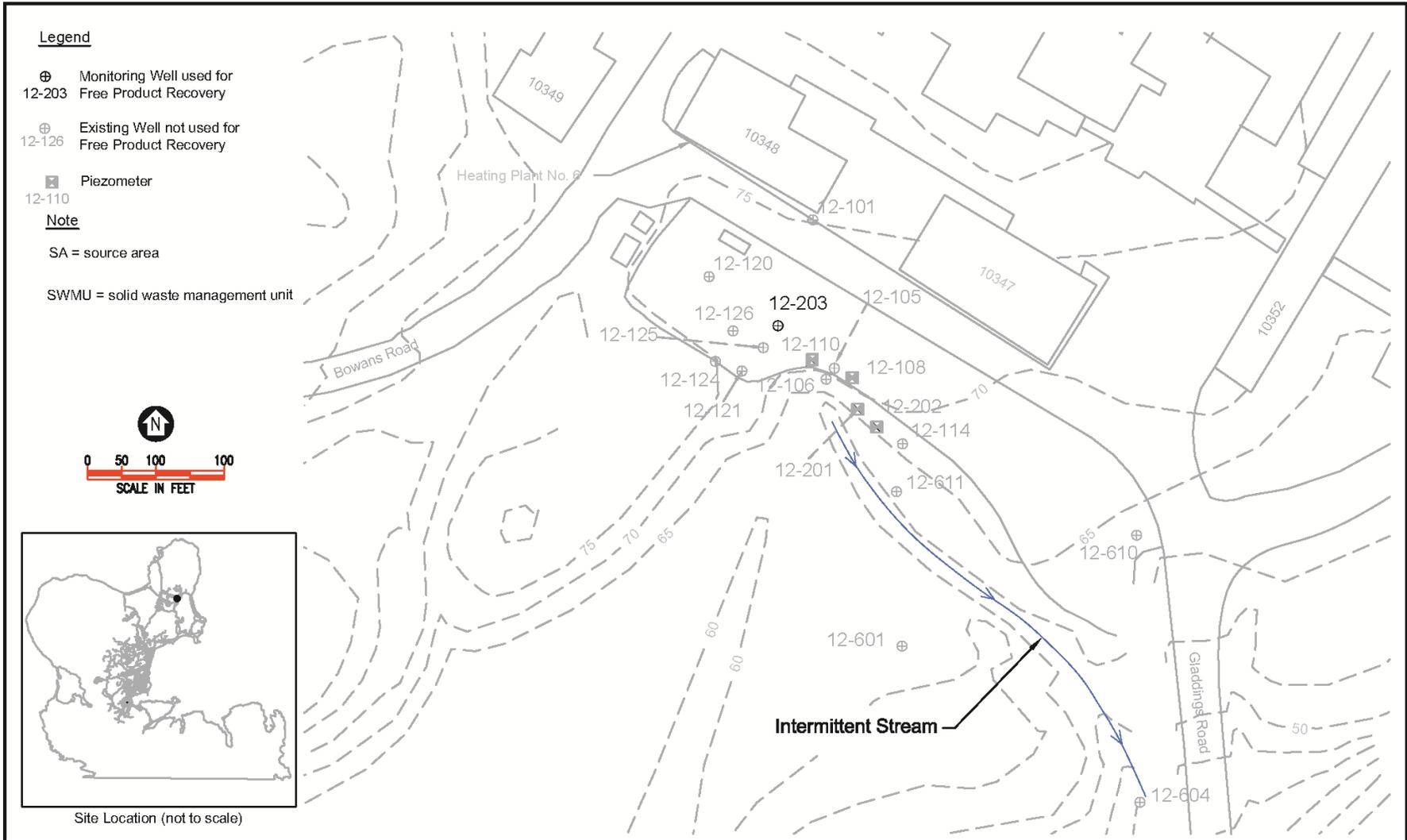
Notes:
Bolded well IDs indicate monitoring wells that have had product recovered during the reporting period.
 NA – not applicable
 NM – not measured
 SWMU – solid waste management unit



3-11

<p>U.S. NAVY SEALASKA</p>	<p>Figure 3-1 Site Features - NMCB Expanded Area</p>	<p>Task Order 43 2012 Remedial Action Summary Report Adak, AK</p>
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P:\SEALASKA\ADAK\TO 43\2012 RASR\FIG 3-1.DWG
 PLOT/UPDATE: NOV 21, 2012

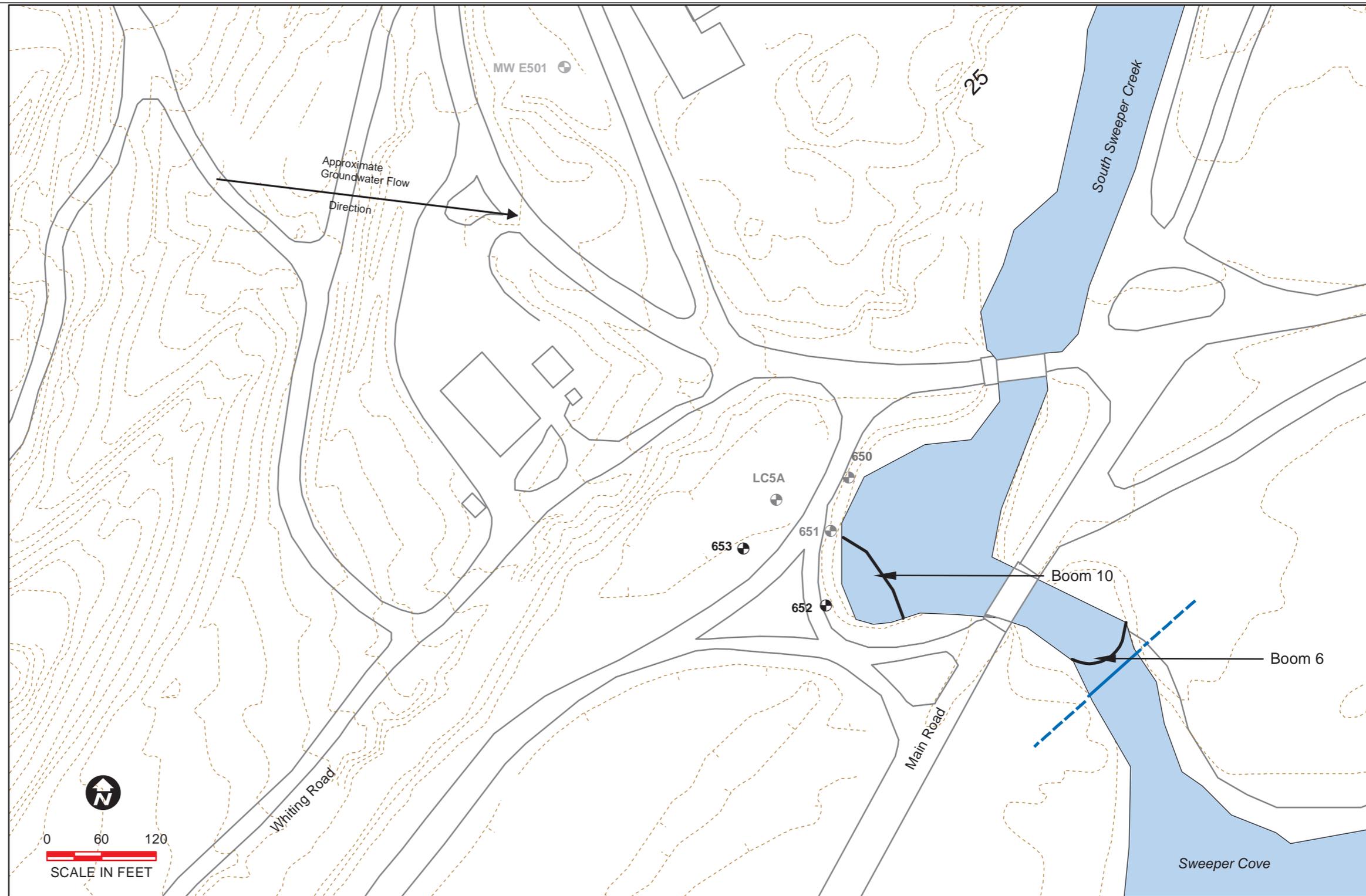


3-12

<p>U.S. NAVY</p>	<p>SEALASKA</p>	<p>Figure 3-2 Site Features SWMU 58 and SA 73, Heating Plant 6</p>	<p>Task Order 43 2012 Remedial Action Summary Report Adak, AK</p>
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Legend

-  125 Ground elevation contour (ft above MLLW)
-  2012 Monitoring well
-  Well not monitored in 2012
-  Main Road Pipeline



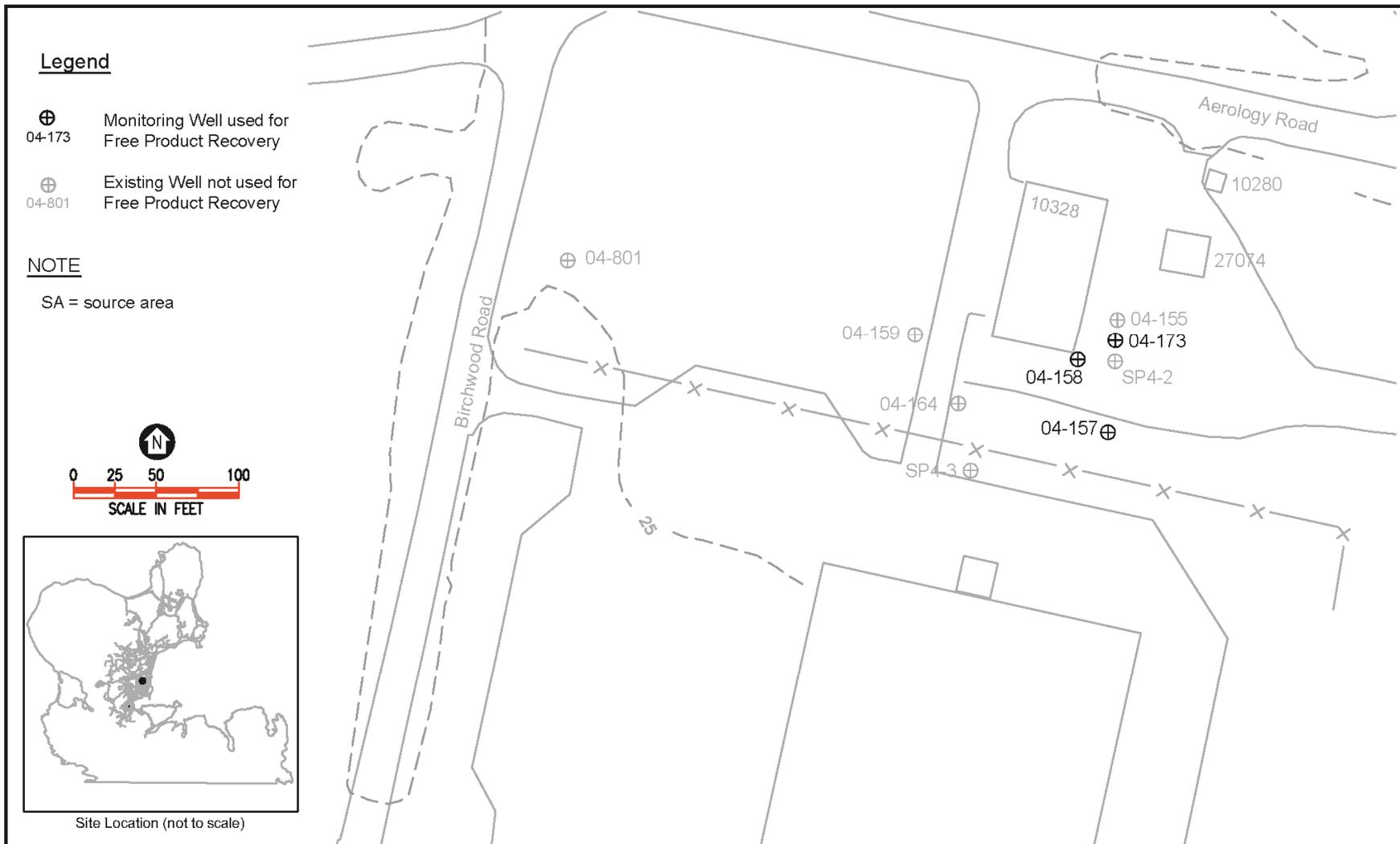
**Figure 3-3
Site Features
SWMU 60, Tank Farm A**

Task Order 43
2012 Remedial Action
Summary Report
Adak, Alaska

U.S. NAVY

SEALASKA

Date: 11/21/2012
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3-15

<p>U.S. NAVY SEALASKA</p>	<p>U.S. NAVY SEALASKA</p>	<p>Figure 3-4 Site Features - SA 80, Steam Plant 4</p>	<p>Task Order 43 2012 Remedial Action Summary Report Adak, AK</p>
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4. BOOM INSPECTION AND MAINTENANCE

During the reporting period, sorbent booms have been maintained in the surface water bodies of East Canal, West Canal, and South Sweeper Creek. Maintenance of one of the booms in Sweeper Creek Culvert (Boom 7) was discontinued in February 2012 and the boom was removed in April 2012 per the recommendations in the 2011 Remedial Action Summary Report (Navy 2012b). The locations of the boom placements are shown in Figures 4-1 and 4-2. Currently, six sorbent booms are located in East Canal: three (Booms 2, 3, and 8) near the SWMU 62 product recovery trench, two (Booms 9 and 12) downgradient of Former Power Plant Building T-1451, and one (Boom 11) approximately 85 feet downgradient of Boom 9/12. East Canal Booms 8 and 9 were installed in 2007 at the request of ADEC. In the spring of 2009, Boom 9/12 was lengthened and a third section was added to better prevent sheen migration due to an observed increase in the petroleum seep at this location. Boom 11 was added in November 2009 in response to the discovery of a new shoreline petroleum seep. Two sorbent booms (Booms 6 and 10) are located within South Sweeper Creek near South of Runway 18-36 Area, and one (Boom 4) is located in West Canal at the pump station. Boom 10 was added during October 2009 in response to the observance of an oil shoreline seep downgradient of SWMU 60, Tank Farm A site.

The purposes of the floating booms are to:

- Adsorb petroleum directly at the identified shoreline seeps (Booms 8, 9/12, 10, and 11),
- Prevent migration of sheen and oil to the extent practicable from shoreline seeps downstream in East Canal (Booms 3, 8, 9/12, and 11),
- Prevent sheen from shoreline seeps in East Canal from migrating upstream (Boom 2),
- Prevent potential sheen in East Canal from migrating to West Canal and South Sweeper Creek (Boom 4),
- Prevent sheen from migrating from shoreline seeps into Sweeper Cove (Boom 10), and
- Prevent potential sheen from South Sweeper Creek from entering Sweeper Cove (Boom 6).

Booms were inspected monthly for effective placement, product saturation, and overall condition and effectiveness. Sections of booms were replaced if required (i.e., saturated with

product, waterlogged or damaged). Booms were also repositioned or repaired if they became unattached from the shoreline or twisted because of weather or tide events. The observation and location of any observed sheen or seep at each boom location were documented on field forms and with photographs (Appendices A and B). Table 4-1 summarizes the inspection and maintenance of the booms for the reporting period.

Boom locations were inspected for evidence of contamination, including sheen on surface water, iron staining, oily soil or sediment, stressed vegetation, and pooled product (see Appendix A). Sheen was observed at least once during the reporting period at Booms 3, 6, and 8 through 11 (Photos 3, 5, and 6, Appendix B). Sheen was not observed at Booms 2 or 4 during any monthly inspection (Photos 2 and 4, Appendix B). During April 2012, water elevations in East Canal were approximately 3 feet above normal, effectively submerging the shoreline seeps at Booms 8, 11, and 9/12 (Photo 8, Appendix B).

Sheen, oil saturated soils, stressed vegetation, and pooled product along the shoreline typically occurred at the petroleum shoreline seep in East Canal downgradient of the SWMU 62 product recovery trench. Booms deployed to control sheen at this seep include locations 2, 3, and 8 (see Figure 4-1). Sheen was observed during eight monthly inspections at Boom 8 located along the shoreline (Photo 7, Appendix B) and during three monthly maintenance events at Boom 3 (Photo 3, Appendix B) which is downstream of Boom 8. Pooled product was removed by hand using sorbent pads at Boom 8 during five monthly maintenance events. Booms 2 and 3 effectively prevented sheen that escaped from Boom 8 from migrating further downstream in East Canal or upstream during flood events.

Similar to the seep at SWMU 62, the petroleum seep on the shoreline of East Canal downgradient from Former Power Plant, Building T-1451 has been characterized by sheen, oil saturated soils, stressed vegetation, and pooled product along the shoreline. To control sheen at this seep, Boom 9/12 is placed across the culvert, along the shoreline, and spanning East Canal (see Figure 4-1). Sheen was observed during six of the 12 monthly inspections at Boom 9/12.

In June and July 2012, remedial action was conducted in the area of Boom 9/12 to remove sources of petroleum contamination in the soil and seeps along the shoreline on East Canal in this area. The shoreline in this area was excavated, replaced with clean fill amended with Oxygen-Reducing Compound, and re-contoured (Photo 9, Appendix B). During the monthly inspections following completion of remedial action, petroleum sheen was only noted in the area of Boom 9/12 in September 2012. At this time, sheen was observed on both the

shoreline and on the water surface. Boom 9/12 remains in place and will be monitored monthly to evaluate the effectiveness of the remediation.

A smaller shoreline petroleum seep is located in East Canal approximately 85 feet downstream (south) from Boom 9/12 (see Figure 4-1). At this seep, sheen, oily sediments, and stressed vegetation were observed during all monthly inspections of Boom 11 (Photo 12, Appendix B).

Sheen was observed once at Boom 6 (see Figure 4-2) in South Sweeper Creek in April 2012. The origin of the sheen was the petroleum shoreline seep at Boom 10 in South Sweeper Creek lagoon downgradient of SWMU 60, Tank Farm A site (Photo 12, Appendix B). Boom 10 was damaged and was not effective at controlling the sheen. The damaged Boom 10 sections were replaced and no additional sheen was observed at the Boom 6 location. Sheen was observed during eight of 12 monthly inspections at Boom 10. During the April 2012 boom inspection the culvert immediately adjacent and south of Boom 10 had collapsed (Photo 11, Appendix B). Additional sheen was observed on the water surface at the culvert location at this time.

No sheen or evidence of contamination was observed during the reporting period October 2011 through January 2012 at Culvert Boom 7 in South Sweeper Creek. This boom is located in a product interception culvert downgradient from South of Runway 18-36 Area. O&M at Boom 7 was discontinued in February 2012 as per the recommendations in the 2011 Annual Remedial Action Summary Report (Navy 2012b) because it was deemed this boom was no longer required to contain sheen. The boom was removed in April 2012.

The booms placed in East Canal and West Canal have effectively controlled the migration of sheen on surface water, as shown by the field forms and the observance of minimal petroleum sheen at downstream Booms 4 and 6 (Table 4-1). Therefore, it is recommended that boom replacement be continued at all locations (2 through 4, 6, and 8 through 12) as needed (i.e., as they become saturated, waterlogged, or damaged).

All spent booms and socks, recovered product, used personal protective equipment, and other contaminated material used to conduct task order activities were incinerated in a Smart-Ash burner at the bunker storage unit as per the Operations and Maintenance Plan (Navy 2011a) and the Quality Assurance Plan (Navy 2011b).

Table 4-1. October 2011 through September 2012 Boom Maintenance Summary

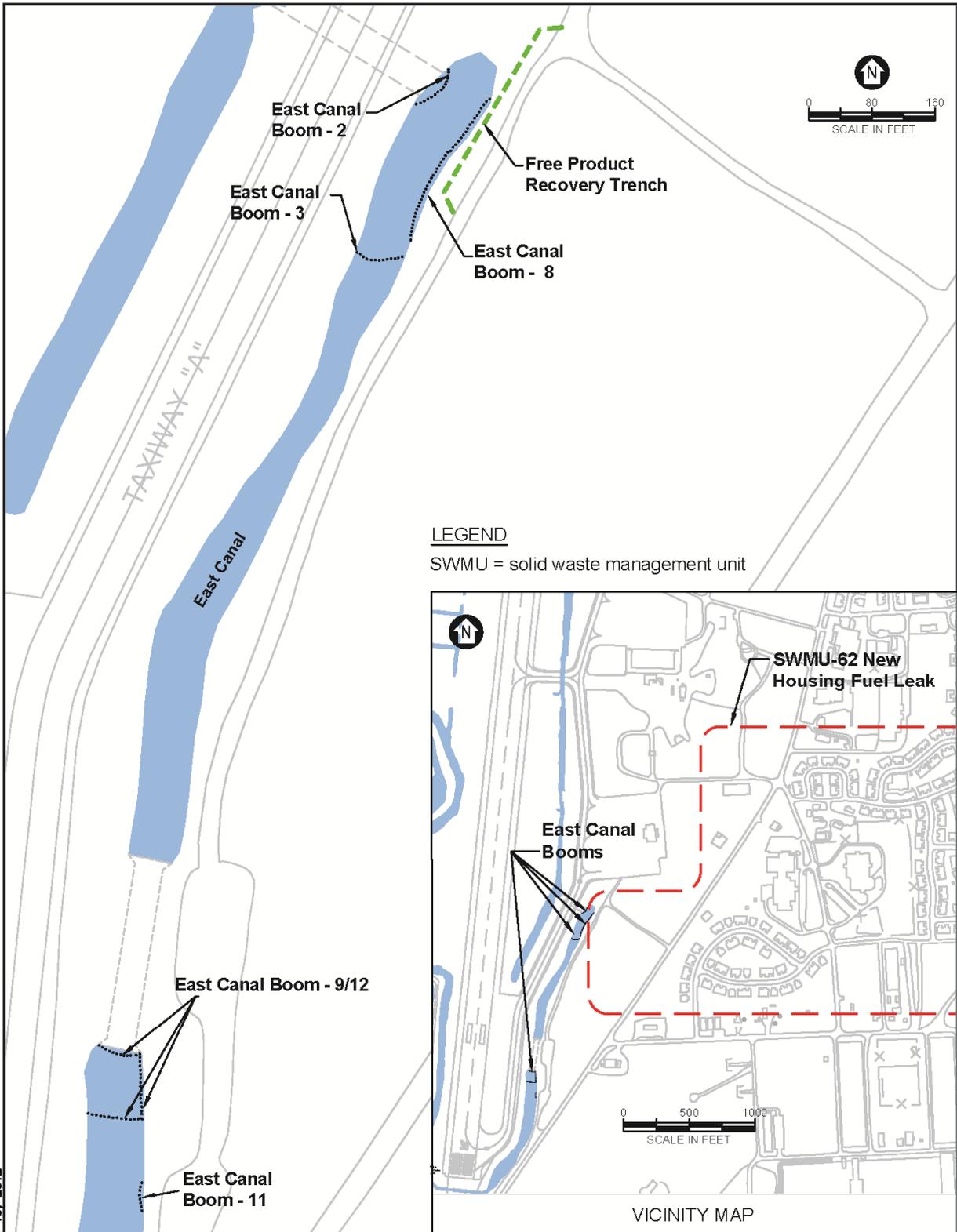
Location	Boom No.	Length (feet)	Boom Purpose	No. of Months Contamination Observed¹	No. of Months Boom Maintenance Required	Total No. of 10-Foot Long Sections of Boom Replaced
East Canal (SWMU 62 Recovery Trench)	2	20	Prevent sheen migration upstream of SWMU 62 shoreline seep	0	3	2
East Canal (SWMU 62 Recovery Trench)	3	70	Prevent sheen migration downstream of SWMU 62 shoreline seep	2	2	4
West Canal Culvert	4	30	Prevent sheen migration from East Canal into West Canal	0	2	3
South Sweeper Creek Main Road Bridge	6	60	Prevent sheen migration to Sweeper Cove	1	3	8
South Sweeper Creek, South of Runway 18-36 Area Culvert	7	100	Adsorb sheen from South of Runway 18-36 Area (discontinued February 2012)	0	0	0
East Canal (SWMU 62 Recovery Trench)	8	120	Adsorb sheen and oil at SWMU 62 shoreline seep	10	3	12
East Canal (Building T-1451)	9/12	270	Adsorb sheen and oil at Building T-1451 shoreline seep	9	3	28
South Sweeper Creek Lagoon, SWMU 60 Seep	10	90	Adsorb sheen and oil at SWMU 60 shoreline seep	10	2	11
East Canal Shoreline Seep, 85 feet downstream of Boom 9	11	40	Adsorb sheen and oil at East Canal shoreline seep	9	4	4

Note:

¹ Contamination observed includes any of the following: sheen on surface water, oily sediment or soil, stressed vegetation, or pooled product.

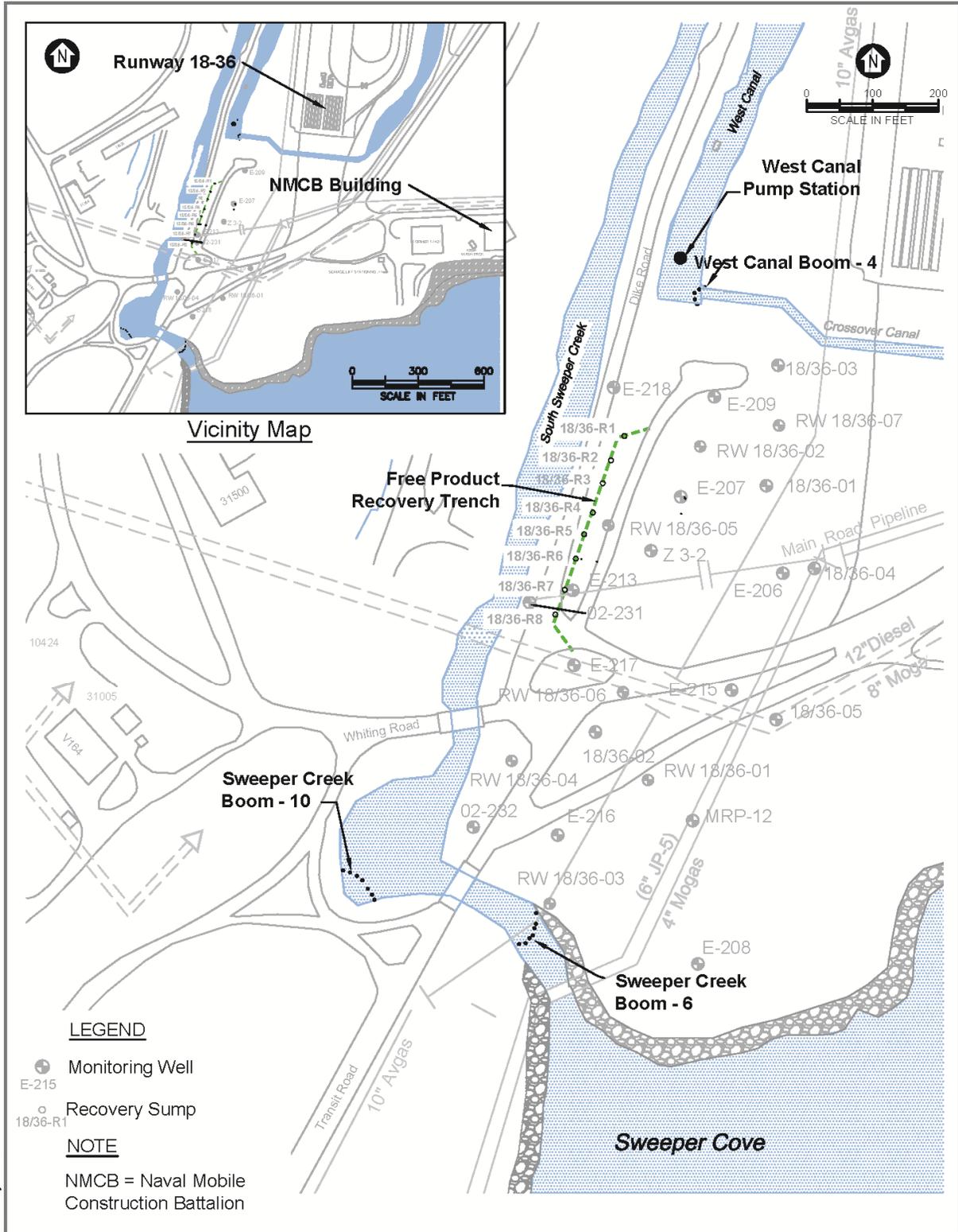
SWMU – solid waste management unit

4-4



P:\SEALASKA\ADAK\TO 43\2012 RASR\FIG 4-1.DWG
 OCT 19, 2012

<p>U.S.NAVY SEALASKA</p>	<p align="center">Figure 4-1 East Canal Boom Locations</p>	<p>Task Order 43 2012 Remedial Action Summary Report Adak, Alaska</p>
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P:\SEALASKA\ADAK\TO 43\2012 RASR\FIG 4-2.DWG
 PLOT/UPDATE: OCT 19, 2012

<p>U.S. NAVY</p>	<p>SEALASKA</p>	<p align="center">Figure 4-2 West Canal and South Sweeper Creek Boom Locations</p>	<p>Task Order 43 2012 Remedial Action Summary Report Adak, AK</p>
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5. CONCLUSIONS AND RECOMMENDATIONS

5.1 FREE PRODUCT RECOVERY CONCLUSIONS

Free product recovery and monitoring was conducted from October 2011 through September 2012 on Adak Island, Alaska at SWMU 62, New Housing Fuel Leak Area and four additional petroleum sites. Free product recovery was discontinued at South of Runway 18-36 Area in February 2012. As detailed in Section 2.0, the SWMU 62 site has achieved the OU A ROD technically practical endpoint for a passive recovery system. The monthly volume of recovered product, averaged over the most recent 6 months (6-month moving average), was less than 5 gallons per month for a period of 12 months of product recovery. The overall historic free product recovery rate appears to be decreasing.

Free product is present at levels greater than 0.01 feet in the recovery sumps located in the recovery trenches at SWMU 62, New Housing Fuel Leak Area. Therefore, this site has not met the requirements as stated in the final decision document and product monitoring and recovery site visits are still warranted at this area.

In most instances during the year, product thickness fell to below 0.1 feet by the end of the 6-day recovery event each month so canister skimmers were removed from wells at the end of the field event. Occasionally, product thickness in wells exceeded 0.1 feet and canister skimmers were left in those wells until the next scheduled field event. These occurred periodically only at SWMU 62, New Housing Fuel Leak Area recovery sumps SWMU62-R3 and SWMU62-R4. The effectiveness of the canister skimmers was assessed by reviewing the maximum volumes recovered during the reporting period versus the capacity of the canister skimmers. In most cases, product volumes recovered did not fill the canister skimmers to more than 75 percent capacity, indicating that they were effective.

At the additional petroleum sites, the majority of free product (2.09 gallons) was recovered at SA 80, Steam Plant 4 well locations. Little free product was observed or recovered at the other sites. Less than one gallon was recovered at each NMCB, SWMU 58/SA 73, and SWMU 60 for the entire 12 months of recovery activity.

Review of the reporting period data indicates that the rates of product recovery and product thickness vary over the 12-month monitoring period, but that the wells that produce product remain fairly consistent. At the monitoring wells that have not had measurable product over the last 12 months, the cessation of free product recovery activities at these locations (excluding recovery sumps) is warranted. To ensure that free product does not migrate and

that groundwater flows do not significantly change in the future, annual monitoring for free product will be conducted for the entire set of wells as part of the Adak LTM Program.

5.2 BOOM OPERATION AND MAINTENANCE CONCLUSIONS

Booms were placed and maintained at nine locations in East Canal, West Canal, and South Sweeper Creek to contain petroleum sheen from migrating away from seeps and to prevent the contamination from migrating to other downstream surface water bodies. O&M activities at one of these booms (Boom 7) were discontinued in February 2012 to implement recommendations in the 2011 Annual Remedial Action Summary Report (Navy 2011b). Booms were maintained and inspected on a monthly basis throughout the reporting period. Petroleum sheen was observed in South Sweeper Creek frequently at Boom 10, but never downgradient of Boom 6. Sheen was typically observed monthly at boom locations in East Canal, but the booms controlled the downstream migration of the sheen. Booms located in East Canal are regularly replaced due to the quantity of petroleum flowing from shoreline seeps here.

Sheen was not observed at boom locations 2 or 4 during the 12-month reporting period. Boom 2 placement remains necessary to prevent potential sheen migration upstream through the culvert during flood conditions, which are typically observed once or twice per year during winter and spring months. Placement of Boom 4 is needed to ensure that any sheen that may migrate downstream from East Canal does not enter West Canal and South Sweeper Creek particularly when East Canal floods.

The Navy currently plans to install a Monitored Natural Attenuation (MNA) zone in the area of Boom 11 in Fiscal Year 15, assuming the newly installed MNA zone at Boom 9/12 continues to operate as designed. The Navy will continue to monitor the seeps along the shoreline of East Canal down-gradient of SWMU 62.

5.3 RECOMMENDATIONS

Based on the above conclusions, the following recommendations are made for future free product recovery activities and for boom maintenance:

5.3.1 SWMU 62, NEW HOUSING FUEL LEAK AREA

- Per the recommendations of the Final Remedial Action Summary Report (Navy 2012b), free product recovery activities were discontinued at wells MW-303-08 and MW-303-10 in January 2012.
- Because of the continued observance of free product, continue to conduct periodic monitoring and free product recovery activities at all six recovery sumps and the

following eight wells: 03-101, 03-102, HMW-303-03, HMW-303-11, MW-15, MW-303-12, RW-303-4, and RW-303-15.

- Discontinue periodic monitoring and free product recovery at the following seven wells: 03-518, HMW-303-2, HMW-303-9, MRP-MW3, MW-303-14, RW-303-07, and RW-303-13 since product has not been observed at these locations during the 12-month reporting period.

5.3.2 ADDITIONAL SITES

The following changes have been implemented based on ADEC approval of the recommendations presented in the Final Annual Groundwater Monitoring Report, 2011 Long-Term Monitoring, Operable Unit A (Navy 2012a).

- Discontinue free product recovery activities at the SWMU 58/SA 73, Heating Plant 6 site.
- Discontinue free product recovery at NMCB Building T-1416 Expanded Area, well 02-463.
- Discontinue free product recovery at SA80, Steam Plant 4, well 04-173.

Product recovery at all other wells will continue during October 2012 through September 2013.

5.3.3 BOOM MAINTENANCE

- Continue periodic inspection and maintenance activities for all remaining booms located in East Canal, West Canal and South Sweeper Creek.

6. REFERENCES

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- EMCON. 1996. Final Release Investigation Work Plan, Naval Air Facility (NAF) Sites, Adak, Alaska. Prepared for U.S. Navy by EMCON, Bothell, Washington. March 8, 1996.
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- URS. 2004. Site Characterization Report, Parts 1 and 2, Free Product Recovery Petroleum Sites with Risks Below Target Health Goals, Former Adak Naval Complex, Adak Island, Alaska. Prepared for Engineering Field Activity, Northwest. U.S. Navy Contract No. N44255-02-D-2008, Delivery Order 0037. September 15, 2004.
- URSG (URS Greiner, Inc.). 1999a. Final Addendum—Final Focused Feasibility Study for Petroleum Sites at Adak Naval Complex, Adak Island, Alaska, under Contract N62474-89-D-9295, CTO 232. June 1999.
- URSG. 1999b. Final Site Summary Report for Free-Phase Product Petroleum Sites, Adak Naval Complex, Adak Island, Alaska, NMCB Building Area, T-1416 Expanded Area. Prepared for Engineering Field Activity, Northwest, under CLEAN Contract No. N62474-89-D-9295. Seattle, Washington. March 1, 1999.

APPENDIX A
FIELD FORMS
(provided on compact disc)

SOUTH OF RUNWAY 18/36 AREA

NAME: Dwight Johnson

Month/Year: October 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
E-215	10-10-11	13.93				
RW-18/36-01		9.73				
E-216		16.19	16.15	.04	CHS	
RW-18/36-04		14.05			RS	
E-217		15.54				
02-231		14.76				
Z3-2		9.96				
18/36-R8		14.40				
18/36-R7		13.79				
18/36-R6		11.22			RS	
18/36-R5		10.08				
18/36-R4		9.89				
18/36-R3		8.22				
18/36-R2		8.04				
18/36-R1		7.50				
E-209		6.35				
E-207	10-10-11	9.73				

Notes:
 C = Cannister kept in use
 IC = Installed cannister
 IS = Installed sock
 NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Changed sock

SWMU 62, NEW HOUSING FUEL LEAK

NAME: Dwight Johnson

Month/Year: *October* 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
MW-303-10	10-10-11	23.54				
MW-303-8		23.19				
MW-303-12		21.85				
RW-303-4		22.56				
03-101		22.92			RS	
HMW-303-11		27.02				
03-518		27.53				
MW-15		18.63	18.06	53.57	IS	
03-102		14.56			RS	
HMW-303-9		25.08	← 26.45			
RW-303-15		28.01				
RW-303-13		7.04			RS	
SWMU62-R6		6.75				
SWMU62-R5		6.38	6.33	.05	IS	
SWMU62-R4		6.65	6.58	.07	C	.60
SWMU62-R3		6.88	6.78	.10	C	.60
SWMU62-R2		7.02				
SWMU62-R1		7.21				
MRP-MW3	10-10-11	3.78				

Notes:

C = Cannister kept in use.

IC = Installed cannister

IS = Installed sock

NP = No product observed

RC = Removed cannister

RS = Removed sock

CHS = Replaced sock

SWMU 62, NEW HOUSING FUEL LEAK

NAME: Dwight Johnson

Month/Year: October 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
MW-303-10						
MW-303-8						
MW-303-12						
RW-303-4						
03-101						
HMW-303-11						
03-518						
MW-15	10-11-11	18.79	17.91	.38	Boiler	.36
03-102						
HMW-303-9						
RW-303-15						
RW-303-13						
SWMU62-R6						
SWMU62-R5						
SWMU62-R4	10-11-11	6.35	6.29	.06	C	.60
SWMU62-R3	10-11-11	6.57	6.50	.07	C	.60
SWMU62-R2						
SWMU62-R1						
MRP-MW3						

Notes:

- C = Cannister kept in use.
- IC = Installed cannister
- IS = Installed sock

- NP = No product observed
- RC = Removed cannister
- RS = Removed sock
- CHS = Replaced sock

SWMU 62, NEW HOUSING FUEL LEAK

NAME: Dwight Johnson

Month/Year: October 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
MW-303-10						
MW-303-8						
MW-303-12						
RW-303-4						
03-101						
HMW-303-11						
03-518						
MW-15	10-12-11	18.16	18.15	.01	CHS	
03-102						
HMW-303-9						
RW-303-15						
RW-303-13						
SWMU62-R6						
SWMU62-R5						
SWMU62-R4	10-12-11	6.36	6.30	.06	C	.60
SWMU62-R3	10-12-11	6.60	6.55	.05	C	.60
SWMU62-R2						
SWMU62-R1						
MRP-MW3						

Notes:

C = Cannister kept in use.

IC = Installed cannister

IS = Installed sock

NP = No product observed

RC = Removed cannister

RS = Removed sock

CHS = Replaced sock

SWMU 62, NEW HOUSING FUEL LEAK

NAME: Dwight Johnson

Month/Year: *October* 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
MW-303-10						
MW-303-8						
MW-303-12						
RW-303-4						
03-101						
HMW-303-11						
03-518						
MW-15						
03-102						
HMW-303-9						
RW-303-15						
RW-303-13						
SWMU62-R6						
SWMU62-R5						
SWMU62-R4	<i>10-13-11</i>	<i>6.60</i>	<i>6.55</i>	<i>.05</i>	<i>C</i>	<i>.60</i>
SWMU62-R3	<i>10-13-11</i>	<i>6.80</i>	<i>6.75</i>	<i>.05</i>	<i>C</i>	<i>.60</i>
SWMU62-R2						
SWMU62-R1						
MRP-MW3						

Notes:

- C = Cannister kept in use.
- IC = Installed cannister
- IS = Installed sock

- NP = No product observed
- RC = Removed cannister
- RS = Removed sock
- CHS = Replaced sock

SWMU 62, NEW HOUSING FUEL LEAK

NAME: Dwight Johnson

Month/Year: *October* 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
MW-303-10						
MW-303-8						
MW-303-12						
RW-303-4						
03-101						
HMW-303-11						
03-518						
MW-15						
03-102						
HMW-303-9						
RW-303-15						
RW-303-13						
SWMU62-R6						
SWMU62-R5						
SWMU62-R4	10-14-11	6.43	6.37	.06	C	.60
SWMU62-R3	10-14-11	6.64	6.58	.06	C	.60
SWMU62-R2						
SWMU62-R1						
MRP-MW3						

Notes:

C = Cannister kept in use.

IC = Installed cannister

IS = Installed sock

NP = No product observed

RC = Removed cannister

RS = Removed sock

CHS = Replaced sock

SWMU 62, NEW HOUSING FUEL LEAK

NAME: Dwight Johnson

Month/Year: *October* 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
MW-303-10						
MW-303-8						
MW-303-12						
RW-303-4						
03-101						
HMW-303-11						
03-518						
MW-15						
03-102						
HMW-303-9						
RW-303-15						
RW-303-13						
SWMU62-R6						
SWMU62-R5						
SWMU62-R4	10-15-11	6.54	6.48	.06	C	.06
SWMU62-R3	10-15-11	6.74	6.69	.05	C	.60
SWMU62-R2						
SWMU62-R1						
MRP-MW3						

Notes:
 C = Cannister kept in use.
 IC = Installed cannister
 IS = Installed sock
 NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Replaced sock

SWMU 62, NEW HOUSING FUEL LEAK

NAME: Dwight Johnson

Month/Year: *October* 201*1*

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/ Maintenance	Notes
MW-303-10						
MW-303-8						
MW-303-12						
RW-303-4						
03-101						
HMW-303-11						
03-518						
MW-15						
03-102						
HMW-303-9						
RW-303-15						
RW-303-13						
SWMU62-R6						
SWMU62-R5						
SWMU62-R4	<i>9-16-11</i>	<i>6.56</i>	<i>6.50</i>	<i>.06</i>	<i>C</i>	<i>.05</i>
SWMU62-R3	<i>9-16-11</i>	<i>6.79</i>	<i>6.75</i>	<i>.04</i>	<i>C</i>	<i>.03</i>
SWMU62-R2						
SWMU62-R1						
MRP-MW3						

Notes:

C = Cannister kept in use.

IC = Installed cannister

IS = Installed sock

NP = No product observed

RC = Removed cannister

RS = Removed sock

CHS = Replaced sock

Other Wells

NAME: Dwight Johnson

Month/Year: *October* 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Site	Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/ Maintenance	Notes
NMCB	02-815	10-10-11	13.80	13.78	.02	IS	
	02-300		9.59	9.56	.03	CHS	
	02-463		9.68				
	NMCB-10		10.65	10.61	.04	CHS	
	02-497		6.66	6.65	.01	CHS	
	NMCB-07		9.59	9.49	.10	RS IC	
	02-818		9.12	9.09	.03	IS	
SA 80	04-157		21.04	21.03	.01	CHS	
	04-158		20.62	20.00	.02	IS	
	04-173		15.03				
SWMU 58	12-203		12.56				
SWMU 60	652		9.72	9.71	.01	CHS	
	653	10-10-11	12.04	11.48	.56	IC	

Notes:
 C = Cannister kept in use
 IC = Installed cannister
 IS = Installed sock
 NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Changed sock

Other Wells

NAME: Dwight Johnson

Month/Year: *October* 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Site	Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/ Maintenance	Notes
NMCB	02-815						
	02-300						
	02-463						
	NMCB-10	10-11-11	8.89 ^{CHS}			C ^{IS}	.52 ^{IS}
	02-497						
	NMCB-07		8.89			C	.52
	02-818						
SA 80	04-157						
	04-158						
	04-173						
SWMU 58	12-203						
SWMU 60	652						
	653	10-11-11	11.02			C	.67

Notes:
 C = Cannister kept in use
 IC = Installed cannister
 IS = Installed sock
 NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Changed sock

Other Wells

NAME: Dwight Johnson

Month/Year: October 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Site	Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/ Maintenance	Notes
NMCB	02-815						
	02-300						
	02-463						
	NMCB-10						
	02-497						
	NMCB-07	10-12-11	8.83		0	RC	
	02-818						
SA 80	04-157						
	04-158						
	04-173						
SWMU 58	12-203						
SWMU 60	652						
	653	10-12-11	10.97		0	RC	

Notes:
 C = Cannister kept in use
 IC = Installed cannister
 IS = Installed sock
 NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Changed sock



Boom Inspection Form

Task Order 43

Boom Location: 2	Time/Date: 1430/ 10-14-11
Description of Boom Before Maintenance: Satisfactory	Photograph (s) Time/Date Stamp: 1417/ 10-14-11
Boom Repaired (Y <input checked="" type="radio"/> N): Description:	Boom Replaced (Y <input checked="" type="radio"/> N) Number of sections: Description:
Visual Observations Visible Contamination (Y <input checked="" type="radio"/> N): Iron Staining (Y <input checked="" type="radio"/> N): Oily Sediment/Soil (Y <input checked="" type="radio"/> N): Distressed Vegetation (Y <input checked="" type="radio"/> N):	
Sheen Present on Water (Y <input checked="" type="radio"/> N): Is the Boom containing the Sheen? (Y / N): Pooled Product (Y <input checked="" type="radio"/> N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination: <div style="display: flex; align-items: flex-start;"> <div style="width: 20%; padding-right: 10px;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\\\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 80%;"> <p style="text-align: right; margin-right: 20px;">East Canal ↓</p> <p style="text-align: right; margin-right: 20px;">N ↑</p> </div> </div>	
Inspector: Douglas Johnson	Signature: Douglas Johnson



Boom Inspection Form

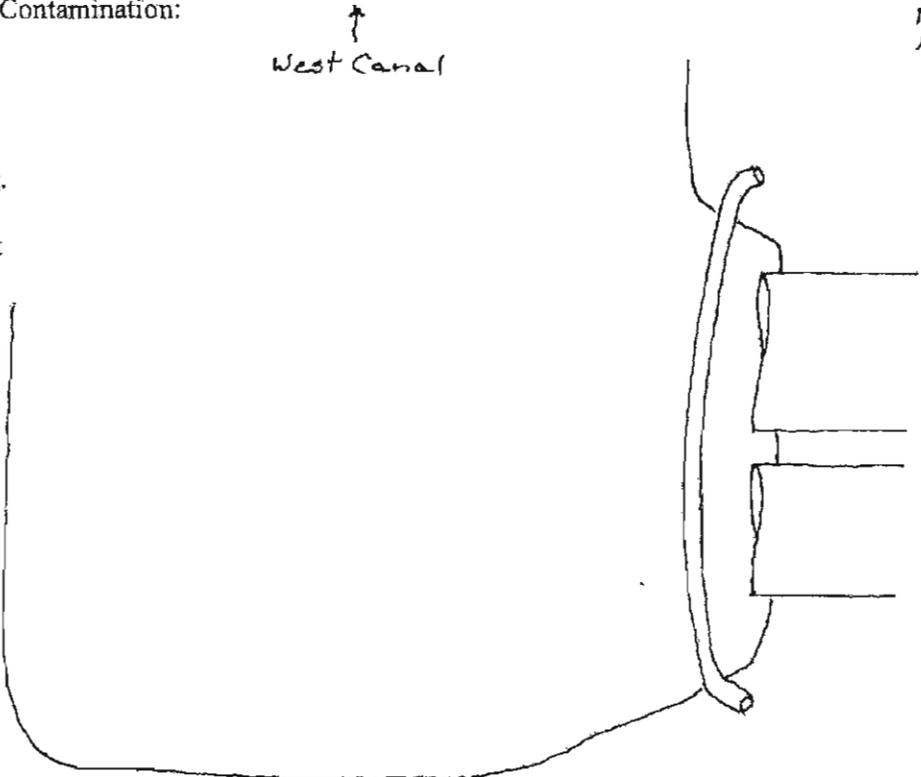
Task Order 43

Boom Location: 3	Time/Date: 1430 / 10-14-11
Description of Boom Before Maintenance: Satisfactory	Photograph (s) Time/Date Stamp: 1418 / 10-14-11
Boom Repaired (Y/N): Description:	Boom Replaced (Y/N): Number of sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination: <div style="display: flex; align-items: flex-start;"> <div style="width: 20%; padding-right: 10px;"> <p><u>Legend</u></p> <p>/// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="flex-grow: 1;"> </div> </div>	
Inspector: Dwight Johnson	Signature: Dwight Johnson



Boom Inspection Form

Task Order 43

Boom Location: 4	Time/Date: 1430 / 10-14-11
Description of Boom Before Maintenance: Satisfactory	Photograph (s) Time/Date Stamp: 1515 / 10-14-11
Boom Repaired (Y/N): Description:	Boom Replaced (Y/N): Number of sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination: <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 30%;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 60%; text-align: center;"> <p>↑ West Canal</p>  </div> </div>	
Inspector: Dwight Johnson	Signature: Dwight Johnson



Boom Inspection Form

Task Order 43

Boom Location: 6	Time/Date: <u>1000 / 10-15-11</u>
Description of Boom Before Maintenance: <u>Sashis factory</u>	Photograph (s) Time/Date Stamp: <u>1105 / 10-15-11</u>
Boom Repaired (Y/N): Description: <u>Moved North anchor post higher on stream bank.</u>	Boom Replaced (Y/N) Number of sections: <u>3</u> Description: <u>1 section added</u>
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination: <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 60%; text-align: center;"> <p><u>South Sweeper Creek</u></p> </div> </div>	
Inspector: <u>Dwight Johnson</u>	Signature: <u>Dwight Johnson</u>



Boom Inspection Form

Task Order 43

Boom Location: 7	Time/Date: 1000/10-15-11
Description of Boom Before Maintenance: Sestis factory	Photograph (s) Time/Date Stamp: 1033/10-15-11
Boom Repaired (Y/N): Description:	Boom Replaced (Y/N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination:	
<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 80%;"> <p style="margin-left: 20px;">South Sweeper Creek</p> </div> <div style="width: 15%; text-align: center;"> <p>N</p> <p>↑</p> </div> </div> <div style="margin-top: 20px;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\\\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div>	
Inspector: Dwight Johnson	Signature: Dwight Johnson



Boom Inspection Form

Task Order 43

Boom Location: 8	Time/Date: 1430 / 10-14-11
Description of Boom Before Maintenance: Satisfactory	Photograph (s) Time/Date Stamp: 1418 / 10-14-11
Boom Repaired (Y <input checked="" type="radio"/> N): Description:	Boom Replaced (Y <input checked="" type="radio"/> N) Number of sections: Description:
Visual Observations Visible Contamination (Y <input checked="" type="radio"/> N): Iron Staining (Y <input checked="" type="radio"/> N): Oily Sediment/Soil (Y <input checked="" type="radio"/> N): Distressed Vegetation (Y <input checked="" type="radio"/> N):	
Sheen Present on Water (Y <input checked="" type="radio"/> N): Is the Boom containing the Sheen? (Y <input checked="" type="radio"/> N): Pooled Product (Y <input checked="" type="radio"/> N): If yes, was product removed with sorbent pads? Yes	
Location of Visible Contamination:	
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 60%; text-align: center;"> </div> </div>	
Inspector: Dwight Johnson	Signature: Dwight Johnson



Boom Inspection Form

Task Order 43

Boom Location: 9/12	Time/Date: 1430/10-14-11
Description of Boom Before Maintenance: Satisfactory	Photograph (s) Time/Date Stamp: 1504 ⑤ 1418/10-14-11
Boom Repaired (Y/N): Description:	Boom Replaced (Y/N) Number of Sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N): No Sheen south of Boom location.	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads? Yes	
Location of Visible Contamination:	
Legend /// Sheen \\\ Oily Sediment xxx Distressed Veg. RRR Iron Staining ● Pooled Product	
Inspector: Dwight Johnson	Signature: Dwight Johnson



Boom Inspection Form

Task Order 43

Boom Location: 10	Time/Date: 1000 / 10-15-11
Description of Boom Before Maintenance; Satisfactory	Photograph (s) Time/Date Stamp: 1117 / 10-14-11 1053 / 10-15-11
Boom Repaired (Y/N): Description: 2 additional sections added to location	Boom Replaced (Y/N) Number of sections: 1 Description: 1 section replaced from middle of location
Visual Observations	
Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?
Location of Visible Contamination:	
<u>Legend</u> /// Sheen \\\ Oily Sediment xxx Distressed Veg. RRR Iron Staining ● Pooled Product	
Inspector: Dwight Johnson	Signature: Dwight Johnson



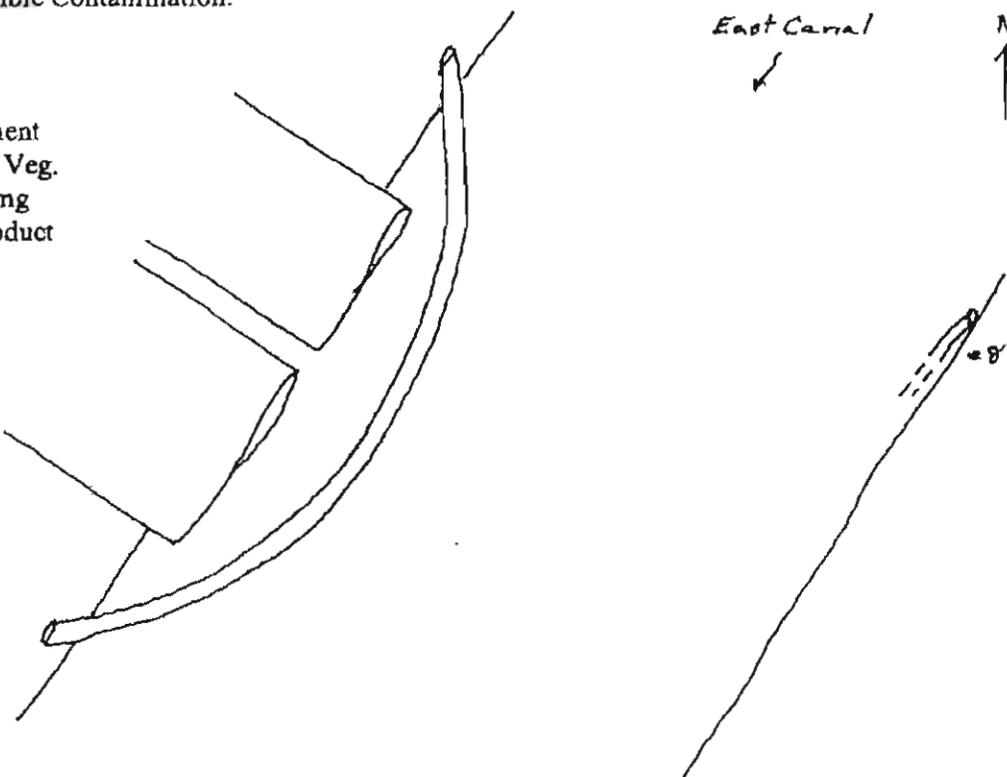
Boom Inspection Form

Task Order 43

Boom Location: 11	Time/Date: 1430/10-14-11		
Description of Boom Before Maintenance: <i>Satisfactory</i>	Photograph (s) Time/Date Stamp: 1506/10-14-11		
Boom Repaired (Y <input checked="" type="radio"/> N): Description:	Boom Replaced (Y <input checked="" type="radio"/> N) Number of sections: Description:		
<p>Visual Observations</p> <table style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> Visible Contamination (Y <input checked="" type="radio"/> N): Iron Staining (Y <input checked="" type="radio"/> N): Oily Sediment/Soil (Y <input checked="" type="radio"/> N): Distressed Vegetation (Y <input checked="" type="radio"/> N): </td> <td style="width: 50%; vertical-align: top;"> Sheen Present on Water (Y <input checked="" type="radio"/> N): Is the Boom containing the Sheen? (Y <input checked="" type="radio"/> N): Pooled Product (Y <input checked="" type="radio"/> N): If yes, was product removed with sorbent pads? </td> </tr> </table>		Visible Contamination (Y <input checked="" type="radio"/> N): Iron Staining (Y <input checked="" type="radio"/> N): Oily Sediment/Soil (Y <input checked="" type="radio"/> N): Distressed Vegetation (Y <input checked="" type="radio"/> N):	Sheen Present on Water (Y <input checked="" type="radio"/> N): Is the Boom containing the Sheen? (Y <input checked="" type="radio"/> N): Pooled Product (Y <input checked="" type="radio"/> N): If yes, was product removed with sorbent pads?
Visible Contamination (Y <input checked="" type="radio"/> N): Iron Staining (Y <input checked="" type="radio"/> N): Oily Sediment/Soil (Y <input checked="" type="radio"/> N): Distressed Vegetation (Y <input checked="" type="radio"/> N):	Sheen Present on Water (Y <input checked="" type="radio"/> N): Is the Boom containing the Sheen? (Y <input checked="" type="radio"/> N): Pooled Product (Y <input checked="" type="radio"/> N): If yes, was product removed with sorbent pads?		
Location of Visible Contamination: <div style="display: flex; justify-content: space-between; align-items: flex-start; margin-top: 10px;"> <div style="width: 30%;"> <p><u>Legend</u></p> <p>/// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 60%; text-align: center;"> <p>East Canal</p> <p>↓</p> </div> </div>			
Inspector: <i>Dwight Johnson</i>	Signature: <i>Dwight Johnson</i>		

Boom Inspection Form

Task Order 43

Boom Location: 2	Time/Date: <div style="text-align: right; font-family: cursive;">14:10 / 11-18-11</div>
Description of Boom Before Maintenance: UNSATISFACTORY - BOOM UNDONE FROM POSTS DUE TO HIGH WATER LEVELS + WEATHER	Photograph (s) Time/Date Stamp: <div style="text-align: right; font-family: cursive;">14:10 / 11-18-11</div>
Boom Repaired (Y/N): Description: WELL REPAIR WHEN WATER LEVELS DROP	Boom Replaced (Y/N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): N/A Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination: <div style="display: flex;"> <div style="flex: 1;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\\\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="flex: 2;">  </div> </div>	
Inspector: <div style="font-family: cursive; font-size: 1.2em;">JOHN HIGHSTONE</div>	Signature:



Boom Inspection Form

Task Order 43

Boom Location: 3	Time/Date: 14:12 / 11-18-11
Description of Boom Before Maintenance: UNSATISFACTORY - BOOM WADENE FROM POSTS DUE TO HIGH WATER LEVELS + WEATHER	Photograph (s) Time/Date Stamp: 14:12 / 11-18-11
Boom Repaired (Y/N): (N) Description: WITH REPAIR WHEN WATER LEVELS DROP	Boom Replaced (Y/N): (N) Number of sections: Description:
Visual Observations	
Visible Contamination (Y/N): (N) Iron Staining (Y/N): (N) Oily Sediment/Soil (Y/N): (N) Distressed Vegetation (Y/N): (N)	Sheen Present on Water (Y/N): (N) Is the Boom containing the Sheen? (Y/N): N/A Pooled Product (Y/N): (N) If yes, was product removed with sorbent pads?
Location of Visible Contamination:	
Legend /// Sheen \\\ Oily Sediment xxx Distressed Veg. RRR Iron Staining ● Pooled Product	<div style="text-align: right;"> East Canal ↓ </div> <div style="text-align: right;"> N ↑ </div> <p>The diagram shows a curved boom structure within a canal. A small area on the boom is marked with a dashed circle and the number '48'. A north arrow is located in the top right corner.</p>
Inspector: JOHN HIGHSTONE	Signature: <i>[Handwritten Signature]</i>



Boom Inspection Form

Task Order 43

Boom Location: 4	Time/Date: <div style="text-align: right; font-family: cursive;">14:26 / 11/18/11</div>
Description of Boom Before Maintenance: <div style="font-family: cursive; font-size: 1.2em;">SATISFACTORY</div>	Photograph (s) Time/Date Stamp: <div style="text-align: right; font-family: cursive;">14:26 / 11/18/11</div>
Boom Repaired (Y/N): Description: <i>Moved BACK INTO POSITION</i>	Boom Replaced (Y/N) Number of sections: Description:
Visual Observations	
Visible Contamination (Y/N) <input checked="" type="checkbox"/> (N) Iron Staining (Y/N) <input checked="" type="checkbox"/> (N) Oily Sediment/Soil (Y/N) <input checked="" type="checkbox"/> (N) Distressed Vegetation (Y/N) <input checked="" type="checkbox"/> (N)	Sheen Present on Water (Y/N) <input checked="" type="checkbox"/> (N) Is the Boom containing the Sheen? (Y/N): <i>N/A</i> Pooled Product (Y/N) <input checked="" type="checkbox"/> (N) If yes, was product removed with sorbent pads?
Location of Visible Contamination:	
Legend /// Sheen \\\ Oily Sediment xxx Distressed Veg. RRR Iron Staining ● Pooled Product	<div style="text-align: center;"> ↑ <i>West Canal</i> </div> <div style="text-align: right;"> N ↑ </div>
Inspector: <i>John Highstone</i>	Signature: <i>John Highstone</i>



Boom Inspection Form

Task Order 43

Boom Location: 6	Time/Date: 14:34 / 11-18-11
Description of Boom Before Maintenance: SATISFACTORY	Photograph (s) Time/Date Stamp: 14:34 / 11-18-11
Boom Repaired (Y/N): (N) Description:	Boom Replaced (Y/N): (N) Number of sections: Description:

Visual Observations

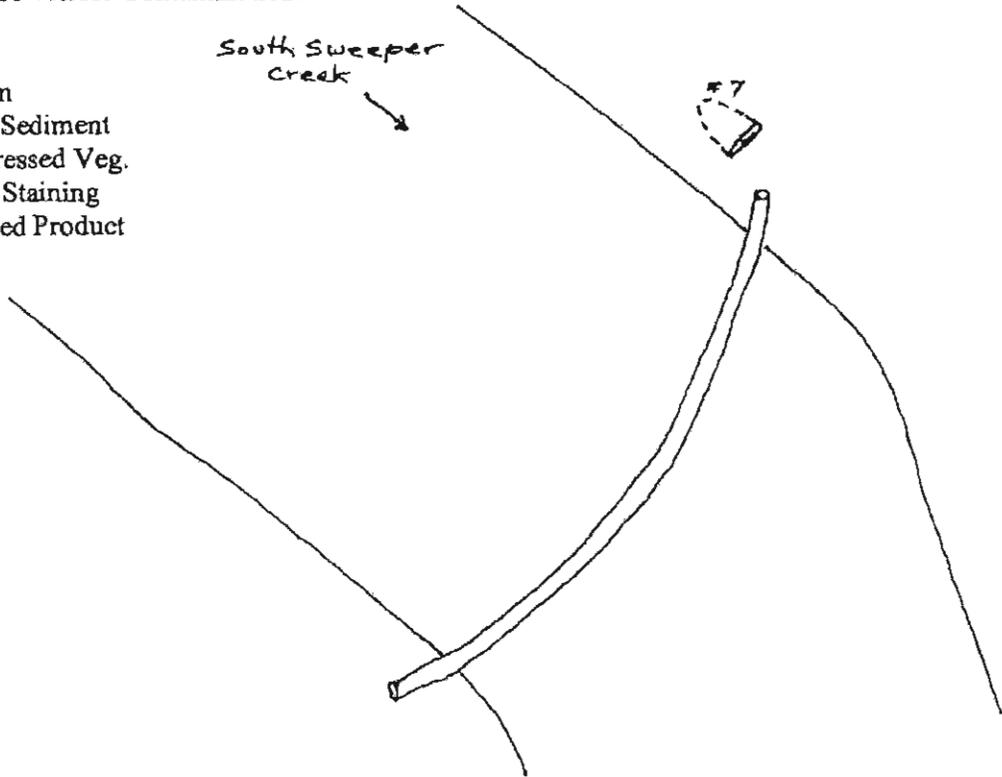
Visible Contamination (Y/N): (N)
 Iron Staining (Y/N): (N)
 Oily Sediment/Soil (Y/N): (N)
 Distressed Vegetation (Y/N): (N)

Sheen Present on Water (Y/N): (N)
 Is the Boom containing the Sheen? (Y/N): N/A
 Pooled Product (Y/N): (N)
 If yes, was product removed with sorbent pads?

Location of Visible Contamination:

- Legend
- //// Sheen
 - \\\\\\ Oily Sediment
 - xxx Distressed Veg.
 - RRR Iron Staining
 - Pooled Product

South Sweeper Creek →



Inspector: JOHN HIGGSTONE

Signature: *John Higgstone*



Boom Inspection Form

Task Order 43

Boom Location: 7	Time/Date: 14:34 / 11-18-11
Description of Boom Before Maintenance: SATISFACTORY	Photograph (s) Time/Date Stamp: 14:34 / 11-18-11
Boom Repaired (Y/N): (N) Description:	Boom Replaced (Y/N): (N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): N/A Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination:	
<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> <p style="margin-left: 20px;">South Sweeper Creek</p> </div> <div style="width: 15%; text-align: center;"> <p>N</p> <p>↑</p> </div> </div> <div style="margin-top: 20px;"> <p>Legend</p> <p>/// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div>	
Inspector: JOHN HIGHSTONE	Signature: <i>John Highstone</i>



Boom Inspection Form

Task Order 43

Boom Location: 8	Time/Date: 14:12 11/18/11
Description of Boom Before Maintenance: UNSATISFACTORY - Boom undone from posts due to HIGH WATER LEVELS + WEATHER	Photograph (s) Time/Date Stamp: 14:12 11/18/11
Boom Repaired (Y/N): (N) Description: WILL REPAIR WHEN WATER LEVELS DROP	Boom Replaced (Y/N) Number of sections: (N) Description:
Visual Observations	
Visible Contamination (Y/N): (Y) N): Iron Staining (Y/N): (N) Oily Sediment/Soil (Y/N): (N) Distressed Vegetation (Y/N): (Y) N):	Sheen Present on Water (Y/N): (Y) N): Is the Boom containing the Sheen? (Y/N): (N) Pooled Product (Y/N): (N) If yes, was product removed with sorbent pads?
Location of Visible Contamination:	
Legend /// Sheen \\\ Oily Sediment xxx Distressed Veg. RRR Iron Staining ● Pooled Product	
Inspector: JOHN HUGHSTONE	Signature: <i>John A. Hughstone</i>



Boom Inspection Form

Task Order 43

Boom Location: 9/12	Time/Date: 14:16 / 14:17 / 11-18-11
Description of Boom Before Maintenance: UNSATISFACTORY - BOOM UNDONE FROM POSTS AROUND CULVERT DUE TO HIGH WATER	Photograph (s) Time/Date Stamp: 14:16 / 14:17 / 11-18-11
Boom Repaired (Y/N): (N) Description: WILL REPAIR WHEN WATER LEVELS DROP	Boom Replaced (Y/N): (N) Number of Sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination:	
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>Legend</p> <p>//// Sheen</p> <p>\\\\\\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 60%; text-align: center;"> </div> </div>	
Inspector: John Higginson	Signature: John Higginson



Boom Inspection Form

Task Order 43

Boom Location: 10	Time/Date: 14:31 / 11-18-11
Description of Boom Before Maintenance: SATISFACTORY	Photograph (s) Time/Date Stamp: 14:31 / 11-18-11
Boom Repaired (Y/N): (N) Description:	Boom Replaced (Y/N): (N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N): (Y) (N) Iron Staining (Y/N): (Y) (N) Oily Sediment/Soil (Y/N): (Y) (N) Distressed Vegetation (Y/N): (Y) (N)	
Sheen Present on Water (Y/N): (Y) (N) Is the Boom containing the Sheen? (Y/N): (Y) (N) Pooled Product (Y/N): (Y) (N) If yes, was product removed with sorbent pads?	
Location of Visible Contamination:	
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\\\\\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 60%; text-align: center;"> <p style="text-align: center;">South Sweeper Creek</p> <p style="text-align: right;">Main Road Bridge</p> <p style="text-align: right;">N ↑</p> </div> </div>	
Inspector: JOHN HIGHSTONE	Signature: <i>John Highstone</i>



Boom Inspection Form

Task Order 43

Boom Location: 11	Time/Date: 14:18 / 11-18-11
Description of Boom Before Maintenance: SATISFACTORY	Photograph (s) Time/Date Stamp: 14:18 / 11-18-11
Boom Repaired (Y/N): Description: MOVED BACK INTO POSITION	Boom Replaced (Y/N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination: <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\\\\\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 60%; text-align: center;"> <p>East Canal</p> <p>↓</p> </div> </div>	
Inspector: JOHN HIGGINS	Signature: <i>John Higgins</i>

SOUTH OF RUNWAY 18/36 AREA

NAME: Dwight Johnson, John Highstone

Month/Year: December 2011

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
E-215	12-6-11	12.31			RS [Ⓢ]	
RW-18/36-01		8.22	8.20	.02	IS RS [Ⓢ]	
E-216		14.91	14.80	.11	RS IC	
RW-18/36-04		12.34				
E-217		14.09				
02-231		12.70				
Z3-2		8.18	8.12	.06	IS	
18/36-R8		12.47				
18/36-R7		11.16				
18/36-R6		9.09				
18/36-R5		7.82				
18/36-R4		7.62				
18/36-R3		5.95				
18/36-R2		5.74				
18/36-R1		5.14				
E-209 E-207 ^{EXP}			8.20	7.64	.56	Boiler
E-207 E-209 ^{EXP}		6.69	3.92	2.77	Boiler	1.60
E-209 E-207 ^{EXP}	12-6-11	7.88	7.65	.23	IC	After Boiling

Notes:

C = Cannister kept in use

IC = Installed cannister

IS = Installed sock

NP = No product observed

RC = Removed cannister

RS = Removed sock

CHS = Changed sock

~~E-207~~ E-209 ^{EXP} 12-6-11 4.52 4.28 .34 IC After Boiling

SOUTH OF RUNWAY 18/36 AREA

NAME: Dwight Johnson, John Highstone

Month/Year: December 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
E-215	12-7-11					
RW-18/36-01						
E-216		14.54	14.53	.01	RC IS	.11
RW-18/36-04						
E-217						
02-231						
Z3-2						
18/36-R8						
18/36-R7						
18/36-R6						
18/36-R5						
18/36-R4						
18/36-R3						
18/36-R2						
18/36-R1						
E-209		4.60	4.50	.10	C	.08
E-207	12-7-11	7.87	7.70	.17	C	.13

Notes:
 C = Cannister kept in use
 IC = Installed cannister
 IS = Installed sock

NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Changed sock

SOUTH OF RUNWAY 18/36 AREA

NAME: Dwight Johnson, John Highstone

Month/Year: December 2018

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
E-215	12-8-11					
RW-18/36-01	[Handwritten wavy line]					
E-216						
RW-18/36-04						
E-217						
02-231						
Z3-2						
18/36-R8						
18/36-R7						
18/36-R6						
18/36-R5						
18/36-R4						
18/36-R3						
18/36-R2						
18/36-R1						
E-209			4.77	4.71	.06	RC IS
E-207	12-8-11	7.88	7.86	.02	RC IS	.25

Notes:
 C = Cannister kept in use
 IC = Installed cannister
 IS = Installed sock
 NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Changed sock

SWMU 62, NEW HOUSING FUEL LEAK

NAME: Dwight Johnson, John Highstone

Month/Year: December 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
MW-303-10	12-6-11	21.03				
MW-303-8		20.53	20.43	.10	IC	
MW-303-12		18.95	18.94	.01	IS	
RW-303-4		19.76	19.72	.04	IS	
03-101		20.53				
HMW-303-11		24.75				
03-518		25.24				
MW-15		25.74				
03-102		12.57	12.19	.38	IC	
HMW-303-9		24.39				
RW-303-15		15.87				
RW-303-13		5.20				
SWMU62-R6		4.96				
SWMU62-R5		4.55	4.54	.01	CHS	
SWMU62-R4		4.84	4.78	.06	C	
SWMU62-R3		5.05	5.00	.05	C	
SWMU62-R2		5.34				
SWMU62-R1		5.62				
MRP-MW3	12-6-11	2.03				

Notes:

- C = Cannister kept in use.
- IC = Installed cannister
- IS = Installed sock

- NP = No product observed
- RC = Removed cannister
- RS = Removed sock
- CHS = Replaced sock

SWMU 62, NEW HOUSING FUEL LEAK

NAME: Dwight Johnson

Month/Year: December 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/ Maintenance	Notes
MW-303-10	12-7-11					
MW-303-8	}	23.40	23.33	.07	RC IS	.05
MW-303-12						
RW-303-4						
03-101						
HMW-303-11						
03-518						
MW-15						
03-102		12.48	12.02	.46	REC IS	.05
HMW-303-9						
RW-303-15						
RW-303-13						
SWMU62-R6						
SWMU62-R5						
SWMU62-R4		4.99	4.94	.05	C	0.0
SWMU62-R3		5.19	5.15	.04	C	0.0
SWMU62-R2						
SWMU62-R1						
MRP-MW3	12-7-11					

Notes:

C = Cannister kept in use.

IC = Installed cannister

IS = Installed sock

NP = No product observed

RC = Removed cannister

RS = Removed sock

CHS = Replaced sock

SWMU 62, NEW HOUSING FUEL LEAK

NAME: Dwight Johnson, John Highstone

Month/Year: December 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
MW-303-10	12-8-11					
MW-303-8						
MW-303-12						
RW-303-4						
03-101						
HMW-303-11						
03-518						
MW-15						
03-102		12.50	12.10	.40	C	.50
HMW-303-9						
RW-303-15						
RW-303-13						
SWMU62-R6						
SWMU62-R5						
SWMU62-R4		5.28	5.25	.03	C	.08
SWMU62-R3		5.45	5.44	.01	C	.09
SWMU62-R2						
SWMU62-R1						
MRP-MW3	12-8-11					

Notes:

C = Cannister kept in use.

IC = Installed cannister

IS = Installed sock

NP = No product observed

RC = Removed cannister

RS = Removed sock

CHS = Replaced sock

Other Wells

NAME: Dwight Johnson, John Highstone

Month/Year: December 2011

TO 43 Groundwater Levels and Product Thickness Measurements

Site	Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/ Maintenance	Notes
NMCB	02-815	12-2-11					
	02-300	}					
	02-463						
	NMCB-10						
	02-497						
	NMCB-07						
	02-818						
SA 80	04-157			17.28	16.52	.76	IC
	04-158		13.76	13.63	.13	IC	
	04-173		11.50				
SWMU 58	12-203		11.26				
SWMU 60	652	}					
	653		12-2-11				

Notes:
 C = Cannister kept in use
 IC = Installed cannister
 IS = Installed sock
 NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Changed sock

Other Wells

NAME: Dwight Johnson, John Highstone

Month/Year: December 2011

TO 43 Groundwater Levels and Product Thickness Measurements

Site	Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/ Maintenance	Notes
NMCB	02-815	12-6-11	12.31			RS	
	02-300	}	8.22			RS	
	02-463		8.62				
	NMCB-10		9.57	9.55	.02	CHS	
	02-497		5.84			RS	
	NMCB-07		8.20	8.13	.07	IC	
	02-818		7.80			RS	
SA 80	04-157			16.96	16.43	.53	C
	04-158		13.14	13.03	.11	C	0.00
	04-173						
SWMU 58	12-203						
SWMU 60	652		6.76	6.74	.02	CHS	
	653	12-6-11	7.46	7.33	.13	IC	

Notes:

C = Cannister kept in use

IC = Installed cannister

IS = Installed sock

NP = No product observed

RC = Removed cannister

RS = Removed sock

CHS = Changed sock

Other Wells

NAME: Dwight Johnson, John Highstone

Month/Year: December 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Site	Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/ Maintenance	Notes
NMCB	02-815	12-7-11					
	02-300	}					
	02-463						
	NMCB-10						
	02-497						
	NMCB-07		7.98	7.97	.01	RC IS	.09
	02-818						
SA 80	04-157			16.76	16.60	.16	C
	04-158		13.18	13.16	.02	RC IS	.30
	04-173						
SWMU 58	12-203						
SWMU 60	652						
	653	12-7-11	7.40	7.39	.01	RC IS	.09

Notes:

- C = Cannister kept in use
- IC = Installed cannister
- IS = Installed sock

- NP = No product observed
- RC = Removed cannister
- RS = Removed sock
- CHS = Changed sock

Other Wells

NAME: Dwight Johnson, John Highstone

Month/Year: December 2011

TO 43 Groundwater Levels and Product Thickness Measurements

Site	Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/ Maintenance	Notes
NMCB	02-815	12-8-11					
	02-300						
	02-463						
	NMCB-10						
	02-497						
	NMCB-07						
	02-818						
SA 80	04-157		10.52	10.43	.09	RC IS	.60
	04-158						
	04-173						
SWMU 58	12-203						
SWMU 60	652						
	653	12-8-11					

Notes:
 C = Cannister kept in use
 IC = Installed cannister
 IS = Installed sock
 NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Changed sock



Boom Inspection Form

Task Order 43

Boom Location: 2	Time/Date: 1600 12-8-11
Description of Boom Before Maintenance: Boom was detached and had floated away.	Photograph (s) Time/Date Stamp: 14:45 12-8-11
Boom Repaired (Y/N): Description: Relocated and reattached back into place	Boom Replaced (Y/N) Number of sections: Description:
Visual Observations	
Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?
Location of Visible Contamination:	
Legend /// Sheen \\\ Oily Sediment xxx Distressed Veg. RRR Iron Staining ● Pooled Product	<p style="text-align: right;">East Canal N</p>
Inspector: Dwight Johnson	Signature:



Boom Inspection Form

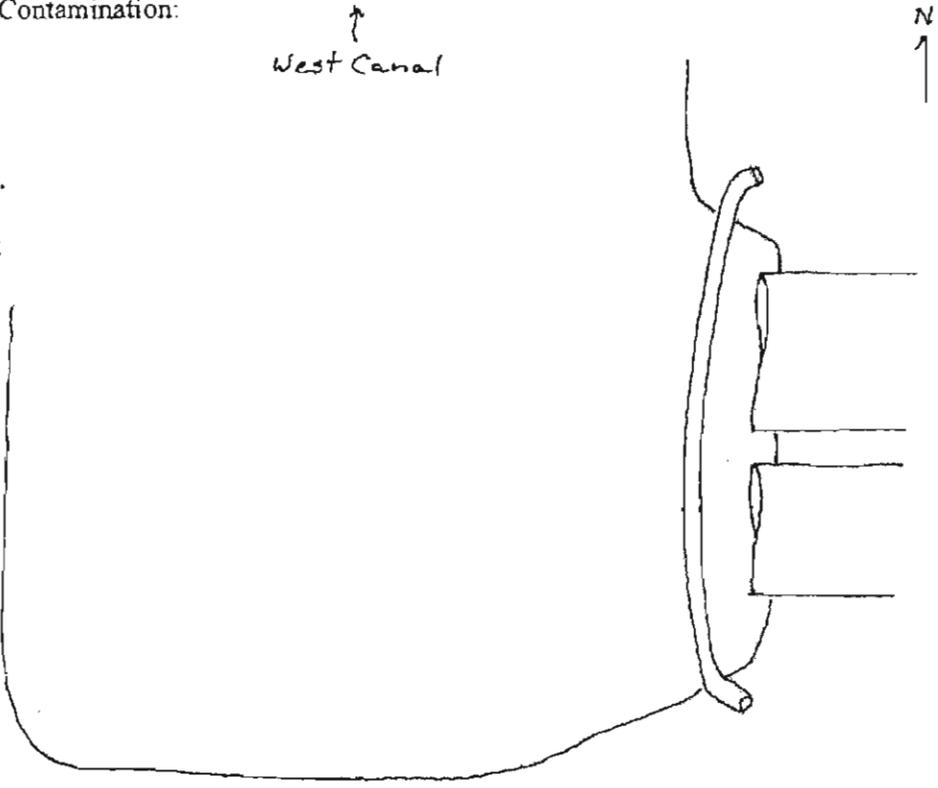
Task Order 43

Boom Location: 3	Time/Date: 1600 12-8-11
Description of Boom Before Maintenance: Untied on West end	Photograph (s) Time/Date Stamp: 14:45 12-8-11
Boom Repaired (Y/N): Description: Tied back into place	Boom Replaced (Y/N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination: <div style="display: flex; align-items: flex-start;"> <div style="width: 20%; padding-right: 10px;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\\\\\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="flex-grow: 1;"> <p style="text-align: center;">East Canal</p> <p style="text-align: right;">N ↑</p> </div> </div>	
Inspector: Dwight Johnson	Signature:



Boom Inspection Form

Task Order 43

Boom Location: 4	Time/Date: 1600 12-8-11
Description of Boom Before Maintenance: Satisfactory	Photograph (s) Time/Date Stamp: 1455 12-8-11
Boom Repaired (Y/N): Description:	Boom Replaced (Y/N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination: <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 60%; text-align: center;"> <p>↑ West Canal</p>  </div> </div>	
Inspector: Dwight Johnson	Signature: Dwight Johnson



Boom Inspection Form

Task Order 43

Boom Location: 6	Time/Date:
Description of Boom Before Maintenance: <i>Satisfactory</i>	Photograph (s) Time/Date Stamp: <i>1500 12-8-11</i>
Boom Repaired (Y/N): Description:	Boom Replaced (Y/N): Number of sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination: <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 60%; text-align: center;"> <p><i>South Sweeper creek</i></p> </div> </div>	
Inspector: <i>Dwight Johnson</i>	Signature: <i>Dwight Johnson</i>



Boom Inspection Form

Task Order 43

Boom Location: 7	Time/Date: 1600 12-8-11
Description of Boom Before Maintenance: Satisfactory	Photograph (s) Time/Date Stamp: 1458 12-8-11
Boom Repaired (Y/N): Description:	Boom Replaced (Y/N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination:	
<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 80%;"> <p style="margin-left: 20px;">South Sweeper Creek</p> </div> <div style="width: 15%; text-align: center;"> <p>N</p> <p>↑</p> </div> </div> <div style="margin-top: 20px;"> <p>Legend</p> <p>/// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div>	
Inspector: Dwight Johnson	Signature:



Boom Inspection Form

Task Order 43

Boom Location: 8	Time/Date: 1600 12-8-11
Description of Boom Before Maintenance: <i>Boom was wintied and floated away</i>	Photograph (s) Time/Date Stamp: 14:46 12-8-11
Boom Repaired (Y/N): Description: <i>Loaded and refied boom.</i>	Boom Replaced (Y/N) Number of sections: Description:
Visual Observations	
Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?
Location of Visible Contamination:	
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 65%; text-align: center;"> <p><i>East Canal</i></p> </div> </div>	
Inspector: <i>Dwight Johnson</i>	Signature: <i>Dwight Johnson</i>



Boom Inspection Form

Task Order 43

Boom Location: 9/12	Time/Date: 1600 12-8-11
Description of Boom Before Maintenance: 4 sections too saturated	Photograph (s) Time/Date Stamp: 1448 12-8-11
Boom Repaired (Y/N): Description: Replaced 4 sections	Boom Replaced (Y/N) Number of Sections: 4 Description: The 4 sections closest to the North shore replaced.
Visual Observations	
Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?
Location of Visible Contamination:	
Legend /// Sheen \\\ Oily Sediment xxx Distressed Veg. RRR Iron Staining ● Pooled Product	
Inspector: Dwight Johnson	Signature:



Boom Inspection Form

Task Order 43

Boom Location: 10	Time/Date: 1600 12-8-11
Description of Boom Before Maintenance: <i>Satisfactory</i>	Photograph (s) Time/Date Stamp: 1457 12-8-11
Boom Repaired (Y/N): Description:	Boom Replaced (Y/N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination:	
<div style="display: flex;"> <div style="flex: 1;"> <p>Legend</p> <p>/// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="flex: 2;"> </div> </div>	
Inspector: <i>Dwight Johnson</i>	Signature: <i>Dwight Johnson</i>



SEALASKA
ENVIRONMENTAL

Boom Inspection Form

Task Order 43

Boom Location: 11	Time/Date: 1600 12-8-11
Description of Boom Before Maintenance: <i>Satis factory</i>	Photograph (s) Time/Date Stamp: 1450 12-8-11
Boom Repaired (Y/N): Description:	Boom Replaced (Y/N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination: <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p><u>Legend</u></p> <p>/// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 60%; text-align: center;"> <p>East Canal</p> <p>↓</p> </div> </div>	
Inspector: <i>Dwight Johnson</i>	Signature: <i>Dwight Johnson</i>



SEALASKA
ENVIRONMENTAL

Boom Inspection Form

Task Order 43

Boom Location: 2	Time/Date: <i>11⁰⁰ AM / 1-4-12</i>
Description of Boom Before Maintenance: <i>SATISFACTORY</i>	Photograph (s) Time/Date Stamp: <i>11⁰⁰ AM / 1-4-12</i>
Boom Repaired (Y <input checked="" type="radio"/> N): Description:	Boom Replaced (Y <input checked="" type="radio"/> N) Number of sections: Description:
Visual Observations Visible Contamination (Y <input checked="" type="radio"/> N): Iron Staining (Y <input checked="" type="radio"/> N): Oily Sediment/Soil (Y <input checked="" type="radio"/> N): Distressed Vegetation (Y <input checked="" type="radio"/> N):	
Sheen Present on Water (Y <input checked="" type="radio"/> N): Is the Boom containing the Sheen? (Y / N): Pooled Product (Y <input checked="" type="radio"/> N) If yes, was product removed with sorbent pads?	
Location of Visible Contamination: <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>Legend</p> <p>//// Sheen</p> <p>\\\\\\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 60%;"> </div> </div>	
Inspector: <i>John HIGHSTONE</i>	Signature: <i>John Highstone</i>

Sealaska Environmental Services, LLC
Poulsbo, Washington



Boom Inspection Form

Task Order 43

Boom Location: 3	Time/Date: <i>11:02 AM / 1-4-12</i>
Description of Boom Before Maintenance: <i>SATISFACTORY - IN PLACE UNDER SWAY + ZEE</i>	Photograph (s) Time/Date Stamp: <i>11:02 AM / 1-4-12</i>
Boom Repaired (Y/N): <input checked="" type="radio"/> N Description:	Boom Replaced (Y/N): <input checked="" type="radio"/> N Number of sections: Description:
Visual Observations Visible Contamination (Y/N): <input checked="" type="radio"/> N Iron Staining (Y/N): <input checked="" type="radio"/> N Oily Sediment/Soil (Y/N): <input checked="" type="radio"/> N Distressed Vegetation (Y/N): <input checked="" type="radio"/> N Sheen Present on Water (Y/N): <input checked="" type="radio"/> N Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): <input checked="" type="radio"/> N If yes, was product removed with sorbent pads?	
Location of Visible Contamination: <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>Legend</p> <p>//// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 60%; text-align: center;"> <p><i>East Canal</i></p> </div> </div>	
Inspector: <i>JOHN HIGHSTONE</i>	Signature:

Sealaska Environmental Services, LLC
 Poulsbo, Washington



Boom Inspection Form

Task Order 43

Boom Location: 4	Time/Date: <i>1146 Am / 1-4-12</i>
Description of Boom Before Maintenance: <i>SATISFACTORY</i>	Photograph (s) Time/Date Stamp: <i>1146 Am / 1-4-12</i>
Boom Repaired (Y/N): Description:	Boom Replaced (Y/N): Number of sections: Description:
Visual Observations Visible Contamination (Y/N) <input checked="" type="checkbox"/> N Iron Staining (Y/N) <input checked="" type="checkbox"/> N Oily Sediment/Soil (Y/N) <input checked="" type="checkbox"/> N Distressed Vegetation (Y/N) <input checked="" type="checkbox"/> N Sheen Present on Water (Y/N) <input checked="" type="checkbox"/> N Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N) <input checked="" type="checkbox"/> N If yes, was product removed with sorbent pads?	
Location of Visible Contamination: <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="width: 40%;"> <p><u>Legend</u></p> <p>/// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 50%; text-align: center;"> <p>↑ West Canal</p> </div> </div>	
Inspector: <i>John HUGHSTONE</i>	Signature: <i>John H. Hight</i>

Sealaska Environmental Services, LLC
 Poulsbo, Washington



Boom Inspection Form

Task Order 43

Boom Location: 6	Time/Date: 11:57 AM / 1-4-12
Description of Boom Before Maintenance: SATISFACTORY	Photograph (s) Time/Date Stamp: 11:57 AM / 1-4-12
Boom Repaired (Y/N): Description: MIDDLE SECTION, (2) CLIP UNDONE ON BOOM. TOO HAZARDOUS TO REPAIR AT THIS TIME DUE TO SNOW & ROCKS.	Boom Replaced (Y/N) Number of sections: Description:
Visual Observations	
Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?
Location of Visible Contamination:	
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 60%;"> <p style="text-align: center;">South Sweeper Creek</p> </div> </div>	
Inspector: JOHN HIGHSTONE	Signature: John Highstone

Sealaska Environmental Services, LLC
 Poulsbo, Washington



Boom Inspection Form

Task Order 43

Boom Location: 7	Time/Date: 11⁵⁸ AM / 1-4-12
Description of Boom Before Maintenance: SATISFACTORY	Photograph (s) Time/Date Stamp: 11⁵⁸ AM / 1-4-12
Boom Repaired (Y/N): Description: DRAIL OFF - CANNOT REINSTALL DUE TO SNOWDRIFTS + ROCKS	Boom Replaced (Y/N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N) (N) Iron Staining (Y/N) (N) Oily Sediment/Soil (Y/N) (N) Distressed Vegetation (Y/N) (N)	
Sheen Present on Water (Y/N) (N) Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N) (N) If yes, was product removed with sorbent pads?	
Location of Visible Contamination: <div style="text-align: center;"> </div> <div style="margin-top: 10px;"> <p>Legend</p> <p>//// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div>	
Inspector: JON HIGHTSTONE	Signature:

Sealaska Environmental Services, LLC
 Poulsbo, Washington



Boom Inspection Form

Task Order 43

Boom Location: B	Time/Date: <i>11⁰⁰ Am / 1-4-12</i>
Description of Boom Before Maintenance: <i>SATISFACTORY - IN PLACE UNDER MAINTENANCE</i>	Photograph (s) Time/Date Stamp: <i>11⁰⁰ Am / 1-4-12</i>
Boom Repaired (Y/N): <input checked="" type="radio"/> N Description:	Boom Replaced (Y/N): <input checked="" type="radio"/> N Number of sections: Description:
Visual Observations	
Visible Contamination (Y/N): <input checked="" type="radio"/> N Iron Staining (Y/N): <input checked="" type="radio"/> N Oily Sediment/Soil (Y/N): <input checked="" type="radio"/> N Distressed Vegetation (Y/N): <input checked="" type="radio"/> N	Sheen Present on Water (Y/N): <input checked="" type="radio"/> N Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): <input checked="" type="radio"/> N If yes, was product removed with sorbent pads?
Location of Visible Contamination:	
Legend /// Sheen \\\ Oily Sediment xxx Distressed Veg. RRR Iron Staining ● Pooled Product	<div style="text-align: right;"> <i>East Canal</i> </div>
Inspector: <i>John Highstone</i>	Signature:

Sealaska Environmental Services, LLC
 Poulsbo, Washington



Boom Inspection Form

Task Order 43

Boom Location: 9/12	Time/Date: 11:3 Am / 1-4-12
Description of Boom Before Maintenance: SATISFACTORY - IN PLACE UNDER SNOW DRIFTS	Photograph (s) Time/Date Stamp: 11:3 Am / 1-4-12
Boom Repaired (Y/N): (N) Description:	Boom Replaced (Y/N): (N) Number of Sections: Description:
Visual Observations Visible Contamination (Y/N): (N) Iron Staining (Y/N): (N) Oily Sediment/Soil (Y/N): (N) Distressed Vegetation (Y/N): (N)	
Sheen Present on Water (Y/N): (N) Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): (N) If yes, was product removed with sorbent pads?	
Location of Visible Contamination:	
<div style="display: flex; align-items: flex-start;"> <div style="flex: 1;"> <p>Legend</p> <p>//// Sheen</p> <p>\\\\\\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="flex: 2; text-align: center;"> </div> </div>	
Inspector: John HUGHSTONE	Signature:

Sealaska Environmental Services, LLC
 Poulsbo, Washington



Boom Inspection Form

Task Order 43

Boom Location: 10	Time/Date: 11:52 AM / 1-4-12
Description of Boom Before Maintenance: SATISFACTORY - IN PLACE UNDER ICE	Photograph (s) Time/Date Stamp: 11:52 AM / 1-4-12
Boom Repaired (Y/N): Description:	Boom Replaced (Y/N): <input checked="" type="radio"/> Number of sections: Description:
Visual Observations Visible Contamination (Y/N): <input checked="" type="radio"/> Iron Staining (Y/N): <input checked="" type="radio"/> Oily Sediment/Soil (Y/N): <input checked="" type="radio"/> Distressed Vegetation (Y/N): <input checked="" type="radio"/>	
Sheen Present on Water (Y/N): <input checked="" type="radio"/> Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): <input checked="" type="radio"/> If yes, was product removed with sorbent pads?	
Location of Visible Contamination:	
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>Legend</p> <p>//// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 60%; text-align: center;"> <p style="text-align: center;">South Sweeper Creek</p> <p style="text-align: right;">Main Road Bridge</p> </div> <div style="width: 10%; text-align: right;"> <p>N</p> <p>↑</p> </div> </div>	
Inspector: JOHN HIGHSTONE	Signature:

Sealaska Environmental Services, LLC
 Poulsbo, Washington



Boom Inspection Form

Task Order 43

Boom Location: 11	Time/Date: <i>11¹⁶ AM / 1-4-12</i>
Description of Boom Before Maintenance: <i>SATISFACTORY - IN PLACE UNDER SNOWDRAFT</i>	Photograph (s) Time/Date Stamp: <i>11¹⁶ AM / 1-4-12</i>
Boom Repaired (Y/N): <input checked="" type="radio"/> N Description:	Boom Replaced (Y/N): <input checked="" type="radio"/> N Number of sections: Description:
Visual Observations Visible Contamination (Y/N): <input checked="" type="radio"/> N Iron Staining (Y/N): <input checked="" type="radio"/> N Oily Sediment/Soil (Y/N): <input checked="" type="radio"/> N Distressed Vegetation (Y/N): <input checked="" type="radio"/> N Sheen Present on Water (Y/N): <input checked="" type="radio"/> N Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): <input checked="" type="radio"/> N If yes, was product removed with sorbent pads?	
Location of Visible Contamination: <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 30%;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 60%; text-align: center;"> <p><i>East Canal</i></p> <p>↓</p> </div> </div>	
Inspector: <i>JOHN HIGHTSTONE</i>	Signature: <i>John Hightstone</i>

Sealaska Environmental Services, LLC
 Poulsbo, Washington



Boom Inspection Form

Task Order 43

Boom Location: 2	Time/Date: 1314 / 2-6-12
Description of Boom Before Maintenance: UNSATISFACTORY - NEED REPOSITIONED INTO PLACE	Photograph (s) Time/Date Stamp: 1314 / 2-6-12
Boom Repaired (Y/N): (N) Description:	Boom Replaced (Y/N): (N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N): (N) Iron Staining (Y/N): (N) Oily Sediment/Soil (Y/N): (N) Distressed Vegetation (Y/N): (N)	
Sheen Present on Water (Y/N): (N) Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): (N) If yes, was product removed with sorbent pads?	
Location of Visible Contamination: <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\\\\\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 60%;"> </div> </div>	
Inspector: JOHN HUGHSTONE	Signature:

Sealaska Environmental Services, LLC
 Poulsbo, Washington



Boom Inspection Form

Task Order 43

Boom Location: 3	Time/Date: <i>1318 / 2-6-12</i>
Description of Boom Before Maintenance: <i>SATISFACTORY - IN PLACE UNDER SNOW + ICE</i>	Photograph (s) Time/Date Stamp: <i>1318 / 2-6-12</i>
Boom Repaired (Y/N): Description:	Boom Replaced (Y/N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination: <div style="display: flex; align-items: flex-start;"> <div style="margin-right: 20px;"> <p>Legend</p> <p>//// Sheen</p> <p>\\\\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="flex-grow: 1;"> </div> </div>	
Inspector: <i>John Hightstone</i>	Signature: <i>John Hightstone</i>

Sealaska Environmental Services, LLC
 Poulsbo, Washington



Boom Inspection Form

Task Order 43

Boom Location: 4	Time/Date: 13 ³⁰ / 2-6-12
Description of Boom Before Maintenance: SATISFACTORY	Photograph (s) Time/Date Stamp: 13 ³⁰ / 2-6-12
Boom Repaired (Y/N): (N) Description:	Boom Replaced (Y/N): (N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N): (N) Iron Staining (Y/N): (N) Oily Sediment/Soil (Y/N): (N) Distressed Vegetation (Y/N): (N)	
Sheen Present on Water (Y/N): (N) Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): (N) If yes, was product removed with sorbent pads?	
Location of Visible Contamination:	
Legend /// Sheen \\\ Oily Sediment xxx Distressed Veg. RRR Iron Staining ● Pooled Product	<div style="text-align: center;"> ↑ West Canal </div> <div style="text-align: right;"> N ↑ </div> <p>The diagram shows a hand-drawn map of a canal system. A vertical line on the right side represents the 'West Canal'. A horizontal line crosses it, and a boom is drawn as a curved line extending from the canal. A north arrow is in the top right corner.</p>
Inspector: John HIGHSTONE	Signature: John Highstone

Sealaska Environmental Services, LLC
 Poulsbo, Washington



Boom Inspection Form

Task Order 43

Boom Location: 6	Time/Date: 1335 / 2-6-12
Description of Boom Before Maintenance: UNSATISFACTORY	Photograph (s) Time/Date Stamp: 1335 / 2-6-12
Boom Repaired (Y/N): Boom DISCONNECTED Description: IN MIDDLE, TO HAZARDOUS TO REPAIR AT THIS TIME DUE TO SNOW DRIFTS + ROCKS	Boom Replaced (Y/N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N) <input checked="" type="checkbox"/> N Iron Staining (Y/N) <input checked="" type="checkbox"/> N Oily Sediment/Soil (Y/N) <input checked="" type="checkbox"/> N Distressed Vegetation (Y/N) <input checked="" type="checkbox"/> N Sheen Present on Water (Y/N) <input checked="" type="checkbox"/> N Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N) <input checked="" type="checkbox"/> N If yes, was product removed with sorbent pads?	
Location of Visible Contamination: <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>Legend</p> <p>//// Sheen</p> <p>\\\\\\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 60%; text-align: center;"> <p>South Sweeper Creek</p> </div> </div>	
Inspector: JOHN HIGGINS	Signature:

Sealaska Environmental Services, LLC
 Poulsbo, Washington



Boom Inspection Form

Task Order 43

Boom Location: 8	Time/Date: 1316 / 2-6-12
Description of Boom Before Maintenance: SATISFACTORY - IN PLACE UNDER SNOW	Photograph (s) Time/Date Stamp: 1316 / 2-6-12
Boom Repaired (Y/N): (N) Description:	Boom Replaced (Y/N): (N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination: <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\\\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 60%; text-align: center;"> <p>East Canal</p> </div> </div>	
Inspector: JAW HIGHSTANE	Signature:

Sealaska Environmental Services, LLC
 Poulsbo, Washington



Boom Inspection Form

Task Order 43

Boom Location: 9/12	Time/Date: 13-5 / 2-6-12
Description of Boom Before Maintenance: SATISFACTORY - IMPACT UNDER SAW + ICE	Photograph (s) Time/Date Stamp: 13-25 / 2-6-12
Boom Repaired (Y <input checked="" type="checkbox"/> N): Description:	Boom Replaced (Y <input checked="" type="checkbox"/> N) Number of Sections: Description:
Visual Observations Visible Contamination (Y <input checked="" type="checkbox"/> N): Iron Staining (Y <input checked="" type="checkbox"/> N): Oily Sediment/Soil (Y <input checked="" type="checkbox"/> N): Distressed Vegetation (Y <input checked="" type="checkbox"/> N):	
Sheen Present on Water (Y <input checked="" type="checkbox"/> N): Is the Boom containing the Sheen? (Y / N): Pooled Product (Y <input checked="" type="checkbox"/> N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination:	
<div style="display: flex; align-items: flex-start;"> <div style="flex: 1;"> <p>Legend</p> <ul style="list-style-type: none"> //// Sheen Oily Sediment xxx Distressed Veg. RRR Iron Staining ● Pooled Product </div> <div style="flex: 2;"> </div> </div>	
Inspector: John Highstone	Signature: <i>John Highstone</i>

Sealaska Environmental Services, LLC
 Poulsbo, Washington



Boom Inspection Form

Task Order 43

Boom Location: 10	Time/Date: 1333 / 2-6-12
Description of Boom Before Maintenance: SATISFACTORY	Photograph (s) Time/Date Stamp: 1333 / 2-6-12
Boom Repaired (Y/N): Description:	Boom Replaced (Y/N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination:	
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>Legend</p> <ul style="list-style-type: none"> //// Sheen \\\\ Oily Sediment xxx Distressed Veg. RRR Iron Staining ● Pooled Product </div> <div style="width: 60%; text-align: center;"> </div> </div>	
Inspector: John HIGHSTONE	Signature: <i>John Highstone</i>

Sealaska Environmental Services, LLC
 Poulsbo, Washington



Boom Inspection Form

Task Order 43

Boom Location: 11	Time/Date: 1326 / 2-6-12
Description of Boom Before Maintenance: SATISFACTORY - IN PLACE UNDER SNOW AND ICE	Photograph (s) Time/Date Stamp: 1326 / 2-6-12
Boom Repaired (Y/N): (N) Description:	Boom Replaced (Y/N): (N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N): (N) Iron Staining (Y/N): (N) Oily Sediment/Soil (Y/N): (N) Distressed Vegetation (Y/N): (N)	
Sheen Present on Water (Y/N): (N) Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination:	
Legend /// Sheen \\\ Oily Sediment xxx Distressed Veg. RRR Iron Staining ● Pooled Product	<div style="text-align: center;"> East Canal ↓ </div> <div style="text-align: right; margin-top: 20px;"> ~ 9/12 ↑ </div> <div style="text-align: right; margin-top: 20px;"> N ↑ </div>
Inspector: John Highstone	Signature: John Highstone

Sealaska Environmental Services, LLC
 Poulsbo, Washington



Boom Inspection Form

Task Order 43

Boom Location: 2	Time/Date: 16:04 / 3-10-12
Description of Boom Before Maintenance: UNSATISFACTORY - BOOM NEEDS REPOSITIONED INTO PLACE	Photograph (s) Time/Date Stamp: 16:04 / 3-10-12
Boom Repaired (Y/N): (N) Description:	Boom Replaced (Y/N): (N) Number of sections: Description:
Visual Observations	
Visible Contamination (Y/N): (N) Iron Staining (Y/N): (N) Oily Sediment/Soil (Y/N): (N) Distressed Vegetation (Y/N): (N)	Sheen Present on Water (Y/N): (N) Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): (N) If yes, was product removed with sorbent pads?
Location of Visible Contamination:	
Legend /// Sheen \\\ Oily Sediment xxx Distressed Veg. RRR Iron Staining ● Pooled Product	<div style="text-align: right;"> East Canal </div>
Inspector: JOHN HIGHTONE	Signature:



Boom Inspection Form

Task Order 43

Boom Location: 3	Time/Date: 16:05 / 3-10-12
Description of Boom Before Maintenance: UNSATISFACTORY. EAST BOOM UNDONE OFF POST. NEEDS REPOSITIONED INTO PLACE	Photograph (s) Time/Date Stamp: 16:05 / 3-10-12
Boom Repaired (Y/N): <input checked="" type="radio"/> Y <input type="radio"/> N Description:	Boom Replaced (Y/N): <input type="radio"/> Y <input checked="" type="radio"/> N Number of sections: Description:
Visual Observations	
Visible Contamination (Y/N): <input checked="" type="radio"/> Y <input type="radio"/> N Iron Staining (Y/N): <input type="radio"/> Y <input checked="" type="radio"/> N Oily Sediment/Soil (Y/N): <input type="radio"/> Y <input checked="" type="radio"/> N Distressed Vegetation (Y/N): <input checked="" type="radio"/> Y <input type="radio"/> N	Sheen Present on Water (Y/N): <input checked="" type="radio"/> Y <input type="radio"/> N Is the Boom containing the Sheen? (Y/N): <input type="radio"/> Y <input checked="" type="radio"/> N Pooled Product (Y/N): <input type="radio"/> Y <input checked="" type="radio"/> N If yes, was product removed with sorbent pads?
Location of Visible Contamination:	
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>Legend</p> <p>//// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 60%; text-align: center;"> <p>East Canal</p> </div> </div>	
Inspector: John Highstone	Signature: John Highstone



Boom Inspection Form

Task Order 43

Boom Location: 4	Time/Date: <i>get</i> <i>10:35-10:44 / 3-10-12</i>
Description of Boom Before Maintenance: <i>SATISFACTORY</i>	Photograph (s) Time/Date Stamp: <i>get</i> <i>10:35-10:44 / 3-10-12</i>
Boom Repaired (Y <input checked="" type="radio"/> N): Description:	Boom Replaced (Y <input checked="" type="radio"/> N) Number of sections: Description:
Visual Observations Visible Contamination (Y <input checked="" type="radio"/> N): Iron Staining (Y <input checked="" type="radio"/> N): Oily Sediment/Soil (Y <input checked="" type="radio"/> N): Distressed Vegetation (Y <input checked="" type="radio"/> N):	
Sheen Present on Water (Y <input checked="" type="radio"/> N): Is the Boom containing the Sheen? (Y / N): Pooled Product (Y <input checked="" type="radio"/> N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination:	
Legend /// Sheen \\\ Oily Sediment xxx Distressed Veg. RRR Iron Staining ● Pooled Product	↑ <i>West Canal</i>
Inspector: <i>John Highstone</i>	Signature: <i>John Highstone</i>



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Boom Inspection Form

Task Order 43

Boom Location: 6	Time/Date: 16:45 / 3-10-12
Description of Boom Before Maintenance: UNSATISFACTORY - BOOM BROKE IN MIDDLE - NEEDS RECONNECTED	Photograph (s) Time/Date Stamp: 16:45 / 3-10-12
Boom Repaired (Y/N): (N) Description:	Boom Replaced (Y/N): (N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N): (N) Iron Staining (Y/N): (N) Oily Sediment/Soil (Y/N): (N) Distressed Vegetation (Y/N): (N)	
Sheen Present on Water (Y/N): (N) Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): (N) If yes, was product removed with sorbent pads?	
Location of Visible Contamination: <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 60%; text-align: center;"> <p>South Sweeper Creek</p> </div> </div>	
Inspector: JOHN HIGHSTONE	Signature:



Boom Inspection Form

Task Order 43

Boom Location: 8	Time/Date: 16:05 / 3-10-12
Description of Boom Before Maintenance: UNSATISFACTORY - BOOM UNDONE OFF POSTS AND FLOATED NORTH IN CANAL MARSH	Photograph (s) Time/Date Stamp: 16:05 / 3-10-12
Boom Repaired (Y/N): (N) Description:	Boom Replaced (Y/N) Number of sections: Description:
Visual Observations	
Visible Contamination (Y/N): (Y) Iron Staining (Y/N): (N) Oily Sediment/Soil (Y/N): (N) Distressed Vegetation (Y/N): (Y)	Sheen Present on Water (Y/N): (Y) Is the Boom containing the Sheen? (Y/N): (N) Pooled Product (Y/N): (N) If yes, was product removed with sorbent pads?
Location of Visible Contamination:	
Legend /// Sheen \\\ Oily Sediment xxx Distressed Veg. RRR Iron Staining ● Pooled Product	<div style="text-align: center;"> East Canal </div>
Inspector: JOHN HIGHSTONE	Signature:

Boom Inspection Form

Task Order 43

Boom Location: 9/12	Time/Date: 16:14 / 3-10-12
Description of Boom Before Maintenance: SATISFACTORY	Photograph (s) Time/Date Stamp: 16:14 / 3-10-12
Boom Repaired (Y/N): Description:	Boom Replaced (Y/N) Number of Sections: Description:
<p>Visual Observations</p> <p>Visible Contamination (Y/N):</p> <p>Iron Staining (Y/N):</p> <p>Oily Sediment/Soil (Y/N):</p> <p>Distressed Vegetation (Y/N):</p> <p>Sheen Present on Water (Y/N):</p> <p>Is the Boom containing the Sheen? (Y/N):</p> <p>Pooled Product (Y/N):</p> <p>If yes, was product removed with sorbent pads?</p>	
<p>Location of Visible Contamination:</p> <p>Legend</p> <p>//// Sheen</p> <p> Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> <p>East Canal</p>	
Inspector: JOHN HIGHSTONE	Signature: [Handwritten Signature]



Boom Inspection Form

Task Order 43

Boom Location: 10	Time/Date: 16:40 / 3-10-12
Description of Boom Before Maintenance: UNSATISFACTORY - 2 SECTIONS BROKE AND NEEDS REPLACED	Photograph (s) Time/Date Stamp: 16:40 / 3-10-12
Boom Repaired (Y/N): Description:	Boom Replaced (Y/N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination:	
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>Legend</p> <p>//// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 60%; text-align: center;"> <p style="text-align: center;">South Sweeper Creek</p> <p style="text-align: right;">Main Road Bridge</p> </div> </div>	
Inspector: JOHN HIGHSTONE	Signature:



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Boom Inspection Form

Task Order 43

Boom Location: 11	Time/Date: 16:15 / 3-10-12
Description of Boom Before Maintenance: SATISFACTORY	Photograph (s) Time/Date Stamp: 16:15 / 3-10-12
Boom Repaired (Y / <input checked="" type="radio"/> N): Description:	Boom Replaced (Y / <input checked="" type="radio"/> N): Number of sections: Description:
Visual Observations Visible Contamination (Y / <input checked="" type="radio"/> N): Iron Staining (Y / <input checked="" type="radio"/> N): Oily Sediment/Soil (Y / <input checked="" type="radio"/> N): Distressed Vegetation (<input checked="" type="radio"/> Y / <input checked="" type="radio"/> N):	
Sheen Present on Water (Y / <input checked="" type="radio"/> N): Is the Boom containing the Sheen? (Y / N): Pooled Product (Y / <input checked="" type="radio"/> N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination:	
<u>Legend</u> /// Sheen \\\ Oily Sediment xxx Distressed Veg. RRR Iron Staining ● Pooled Product	<div style="text-align: center;"> East Canal ↓ </div> <div style="text-align: right; margin-top: 20px;"> # 9/12 ↑ </div>
Inspector: John HIGHSTONE	Signature: John Highstone

SWMU 62, NEW HOUSING FUEL LEAK

NAME: Dwight Johnson, Don Palmer, Scott ElKind

Month/Year: April 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
MW-303-14	3-30-12	19.55	NP			
MW-303-12		19.58	NP		RS	
RW-303-4		19.33	NP		RS	
HMW-303-3		25.25	NP			
RW-303-7		17.94	NP			
HMW-303-2		24.58	NP			
03-101	20.51	24.30	20.33	.18	IC	
HMW-303-11		24.48	NP			
03-518		24.89	NP			
MW-15		16.31	15.80	.51	IS	
03-102		12.71	12.24	.47	IC	.51
HMW-303-9		24.30	NP			
RW-303-15		25.58	25.42	.16	IC	
RW-303-13		5.68	NP			
SWMU62-R6		5.46	NP			
SWMU62-R5		5.04	NP		RS	
SWMU62-R4		5.31	5.30	.01	IS ^{CHS} C	
SWMU62-R3		5.51	5.48	.03	C	.04
SWMU62-R2		5.80	NP			
SWMU62-R1		6.05	NP			
MRP-MW3	3-30-12	3.94	NP			

Notes:
 C = Cannister kept in use.
 IC = Installed cannister
 IS = Installed sock

NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Replaced sock

SWMU 62, NEW HOUSING FUEL LEAK

NAME: Dwight Johnson, Don Bolmer, Scott Elkind

Month/Year: April 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
MW-303-14	3-31-12					
MW-303-12						
RW-303-4						
HMW-303-3						
RW-303-7						
HMW-303-2						
03-101		20.38	20.53	.15	C	.20
HMW-303-11						
03-518						
MW-15						
03-102		12.59	12.24	.35	C	.51
HMW-303-9						
RW-303-15		25.57	25.40	.17	C	0.00
RW-303-13						
SWMU62-R6						
SWMU62-R5						
SWMU62-R4		5.35	NP		C	0.00
SWMU62-R3		5.68	NP		C	0.00
SWMU62-R2						
SWMU62-R1						
MRP-MW3	3-31-12					

Notes:
 C = Cannister kept in use.
 IC = Installed cannister
 IS = Installed sock

NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Replaced sock

SWMU 62, NEW HOUSING FUEL LEAK

NAME: Dwight Johnson, Don Bolmer, Scott Elkind

Month/Year: April 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
MW-303-14	4-1-12					
MW-303-12						
RW-303-4						
HMW-303-3						
RW-303-7						
HMW-303-2						
03-101		20.49	20.40	.09	C	.38
HMW-303-11						
03-518						
MW-15						
03-102		12.49	12.23	.26	C	.46
HMW-303-9						
RW-303-15		15.56	15.42	.14	C	.60
RW-303-13						
SWMU62-R6						
SWMU62-R5						
SWMU62-R4						
SWMU62-R3						
SWMU62-R2						
SWMU62-R1						
MRP-MW3	4-1-12					

Notes:
 C = Cannister kept in use.
 IC = Installed cannister
 IS = Installed sock

NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Replaced sock

SWMU 62, NEW HOUSING FUEL LEAK

NAME: Dwight Johnson

Month/Year: April 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
MW-303-14						
MW-303-12						
RW-303-4						
HMW-303-3						
RW-303-7						
HMW-303-2						
03-101	4-3-12	20.51	NP		C	.29
HMW-303-11						
03-518						
MW-15						
03-102	4-3-12	12.43	12.41	.02	C	.33
HMW-303-9						
RW-303-15	4-3-12	15.38	NP		C	.48
RW-303-13						
SWMU62-R6						
SWMU62-R5						
SWMU62-R4						
SWMU62-R3						
SWMU62-R2						
SWMU62-R1						
MRP-MW3						

Notes:

C = Cannister kept in use.
 IC = Installed cannister
 IS = Installed sock

NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Replaced sock

SWMU 62, NEW HOUSING FUEL LEAK

NAME: Dwight Johnson

Month/Year: April 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
MW-303-14						
MW-303-12						
RW-303-4						
HMW-303-3						
RW-303-7						
HMW-303-2						
03-101	4-4-12	20.37	NP		RC	0.00
HMW-303-11						
03-518						
MW-15						
03-102	4-4-12	12.38	NP		RC	.07
HMW-303-9						
RW-303-15	4-4-12	15.44	NP		RC	.11
RW-303-13						
SWMU62-R6						
SWMU62-R5						
SWMU62-R4						
SWMU62-R3						
SWMU62-R2						
SWMU62-R1						
MRP-MW3						

Notes:

C = Cannister kept in use.

IC = Installed cannister

IS = Installed sock

NP = No product observed

RC = Removed cannister

RS = Removed sock

CHS = Replaced sock

Other Wells

NAME: Dwight Johnson, Don Bolmer, Scott Elkind

Month/Year: April 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Site	Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/ Maintenance	Notes
NMCB	02-815	3-30-12	13.16	13.13	.03	IS	
	02-300	}	9.46	9.32	.14	IS	
	02-463		9.05	NP			
	NMCB-10		10.54	NP		RS	
	02-497		6.74	NP			
	NMCB-07		9.28	9.16	.12	RS/IC	
	02-818		8.68	8.65	.03	IS	
SA 80	04-157		15.64	10.31 10.31	10.78 10.78	1.14	Bailer
	04-158		11.88	11.47			
	04-173		10.31	NP			
SWMU 58	12-203		10.85	10.78	.07	IS	
SWMU 60	652		7.79	7.71	.08	IS	
	653		7.71	NP		RS	
SA 80	04-157	3-30-12	16.29	15.95	.34	IC	After Bailing

Notes:

C = Cannister kept in use
 IC = Installed cannister
 IS = Installed sock

NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Changed sock

Other Wells

NAME: Dwight Johnson, Don Balmar, Scott Elkind

Month/Year: April 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Site	Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes	
NMCB	02-815	3-31-12						
	02-300	}						
	02-463							
	NMCB-10							
	02-497							
	NMCB-07		8.95	8.44	.01	C	.29	
	02-818							
SA 80	04-157		}	15.80	15.62	.18	C	0.00
	04-158							
	04-173							
SWMU 58	12-203							
SWMU 60	652	}						
	653			3-31-12				

Notes:
 C = Cannister kept in use
 IC = Installed cannister
 IS = Installed sock
 NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Changed sock

Other Wells

NAME: Dwight Johnson, Don Balmer, Scott Elkinel

Month/Year: April 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Site	Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes	
NMCB	02-815	4-1-12						
	02-300	}						
	02-463							
	NMCB-10							
	02-497							
	NMCB-07		9.25	9.23	.02	RC/IS	0.00	
	02-818							
SA 80	04-157		}	16.11	16.05	.06	C	.54
	04-158							
	04-173							
SWMU 58	12-203							
SWMU 60	652	}						
	653			4-1-12				

Notes:
 C = Cannister kept in use
 IC = Installed cannister
 IS = Installed sock
 NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Changed sock

Other Wells

NAME: Dwight Johnson

Month/Year: April 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Site	Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/ Maintenance	Notes
NMCB	02-815						
	02-300						
	02-463						
	NMCB-10						
	02-497						
	NMCB-07						
	02-818						
SA 80	04-157	4-2-12	16.08	NP		RC	.11
	04-158						
	04-173						
SWMU 58	12-203						
SWMU 60	652						
	653						

Notes:

C = Cannister kept in use
 IC = Installed cannister
 IS = Installed sock

NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Changed sock



SEALASKA ENVIRONMENTAL

Boom Inspection Form

Task Order 43

Boom Location: 2	Time/Date: 1100 4-4-12
Description of Boom Before Maintenance: <i>Satisfactory</i>	Photograph (s) Time/Date Stamp: 1320 4-5-12
Boom Repaired (Y/N): Description:	Boom Replaced (Y/N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination: <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>⊙ Pooled Product</p> </div> <div style="width: 60%; text-align: right;"> <p><i>East Canal</i></p> <p>↙</p> <p>N ↑</p> </div> </div>	
Inspector: <i>Dwight Johnson</i>	Signature: <i>Dwight Johnson</i>



Boom Inspection Form

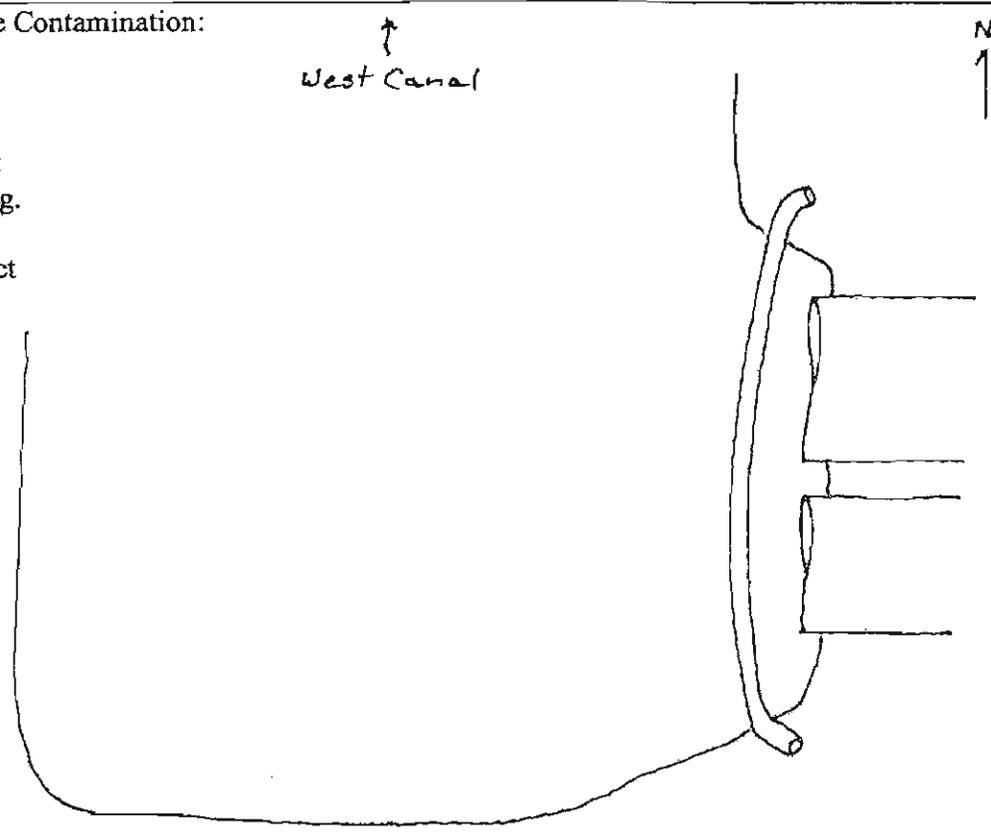
Task Order 43

Boom Location: 3	Time/Date: 1100 4-4-12
Description of Boom Before Maintenance: West end of boom untied Boom on east bank of canal	Photograph (s) Time/Date Stamp: 1320 4-5-12
Boom Repaired (Y/N): Description: Retied boom	Boom Replaced (Y/N) Number of sections: 4 Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination:	
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 60%; text-align: center;"> <p>East Canal</p> </div> </div>	
Inspector: 	Signature:



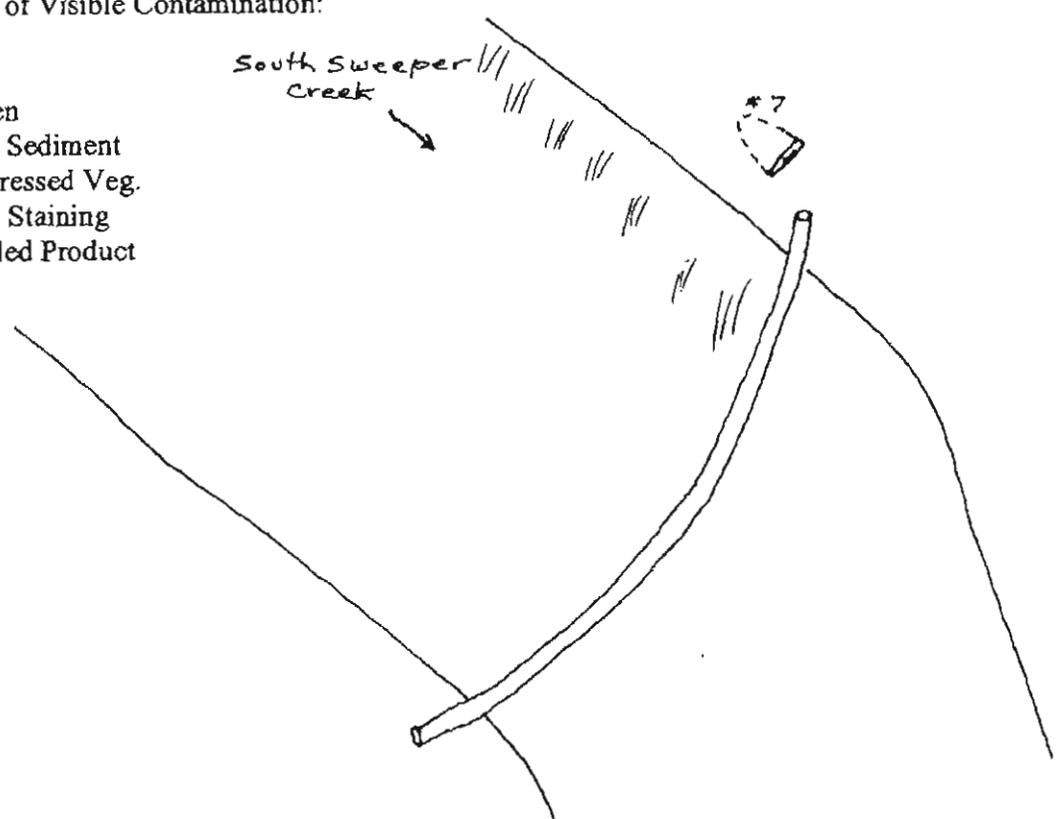
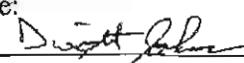
Boom Inspection Form

Task Order 43

Boom Location: 4	Time/Date: 1100 4-4-12
Description of Boom Before Maintenance: Sabis factory	Photograph (s) Time/Date Stamp: 1336 4-5-12
Boom Repaired (Y/N): Description:	Boom Replaced (Y/N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination: <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 60%; text-align: center;"> <p>↑ West Canal</p>  </div> </div>	
Inspector: Dwight Johnson	Signature: Dwight Johnson

Boom Inspection Form

Task Order 43

Boom Location: 6	Time/Date: 1100 4-4-12
Description of Boom Before Maintenance: Disconnected in middle	Photograph (s) Time/Date Stamp: 1339 4-5-12
Boom Repaired (Y/N): Description: Boom retied and reconnected.	Boom Replaced (Y/N) Number of sections: 3 Description: 3 middle sections replaced.
Visual Observations	
Visible Contamination (Y/N): * Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N): Location #6 contained the boom after it was retied and Location #10 could not contain boom until replaced	Sheen Present on Water (Y/N): * Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?
Location of Visible Contamination:	
Legend /// Sheen \\\ Oily Sediment xxx Distressed Veg. RRR Iron Staining ● Pooled Product	
Inspector: Dwight Johnson	Signature: 



SEALASKA ENVIRONMENTAL

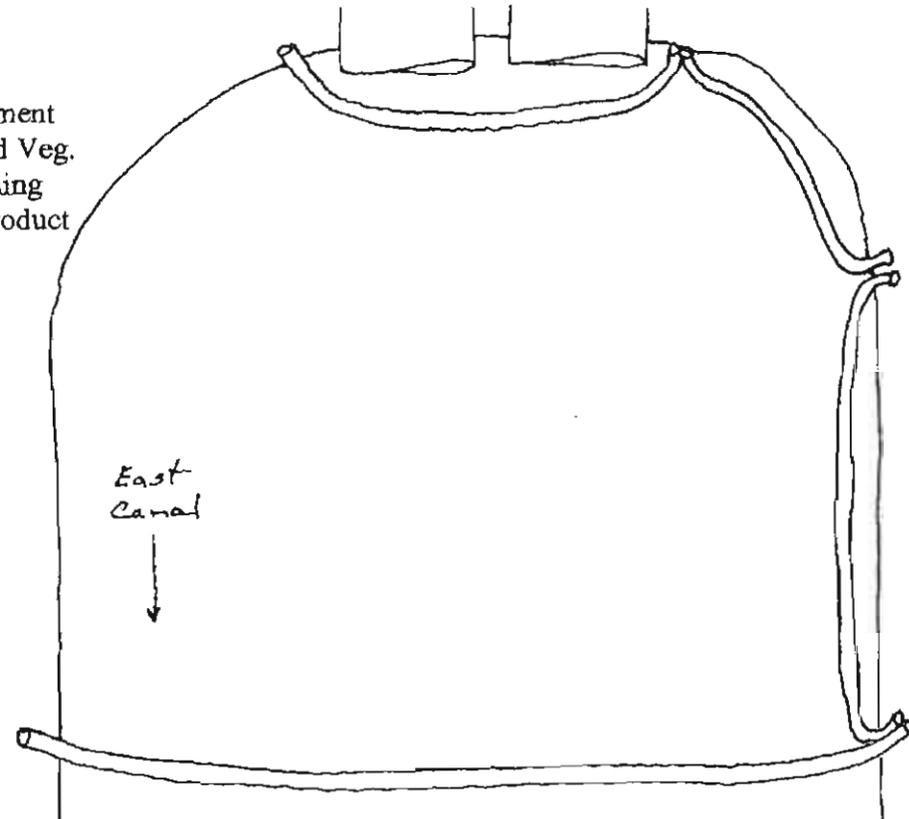
Boom Inspection Form

Task Order 43

Boom Location: 8	Time/Date: 1100 4-4-12
Description of Boom Before Maintenance: <i>Untied and North of location</i>	Photograph (s) Time/Date Stamp: 1320 4-5-12
Boom Repaired (Y/N): Description: <i>Boom retied into place.</i>	Boom Replaced (Y/N): Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads? <i>No, pooled product visible under ice.</i>	
Location of Visible Contamination:	
<u>Legend</u> /// Sheen \\\ Oily Sediment xxx Distressed Veg. RRR Iron Staining ● Pooled Product	
Inspector: <i>Dwight Johnson</i>	Signature: <i>Dwight Johnson</i>

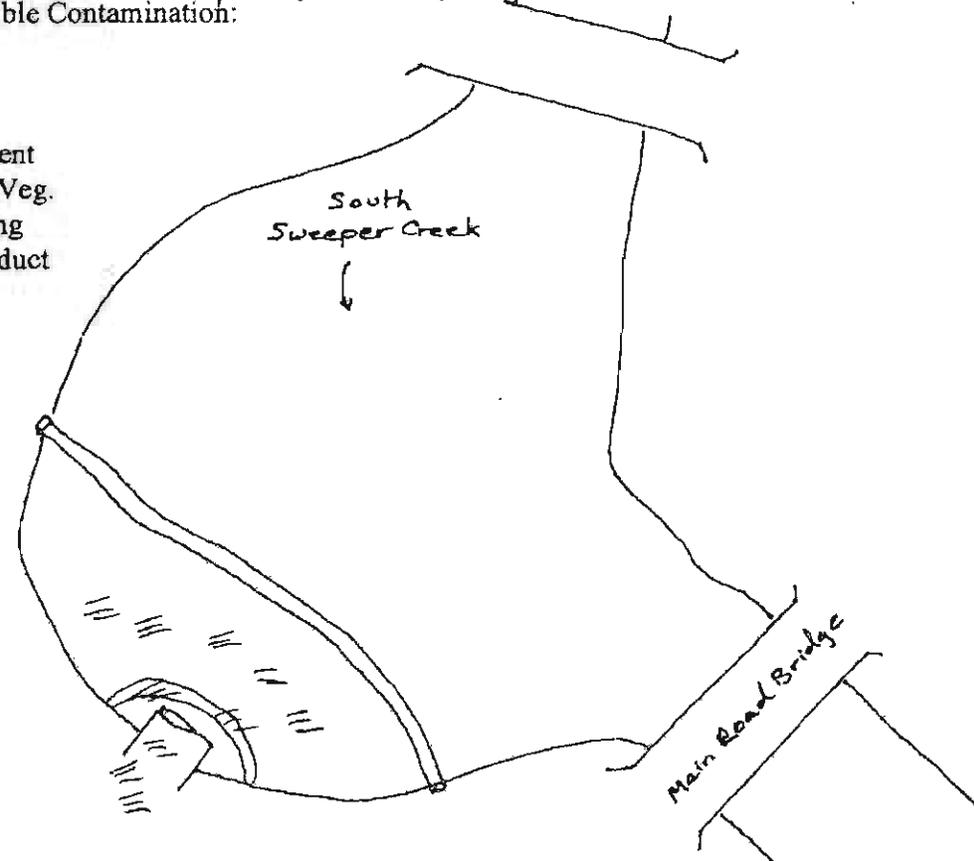
Boom Inspection Form

Task Order 43

Boom Location: 9/12	Time/Date: 1100 4-4-12
Description of Boom Before Maintenance: <i>Satisfactory</i>	Photograph (s) Time/Date Stamp: 1330 4-5-12
Boom Repaired (Y/N): Description:	Boom Replaced (Y/N) Number of Sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination: <div style="display: flex; align-items: flex-start;"> <div style="margin-right: 20px;"> <p><u>Legend</u></p> <p>/// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="flex-grow: 1;">  </div> </div>	
Inspector: <i>Dwight Johnson</i>	Signature: <i>Dwight Johnson</i>

Boom Inspection Form

Task Order 43

Boom Location: 10	Time/Date: 1100 4-4-12
Description of Boom Before Maintenance: <i>Water logged</i>	Photograph (s) Time/Date Stamp: 1338 4-5-12
Boom Repaired (Y/N): Description:	Boom Replaced (Y/N) Number of sections: 10 Description: <i>Replaced 10 sections</i>
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
<i>The culvert had collapsed, leaking into the location</i>	
Location of Visible Contamination:	
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 60%; text-align: center;">  <p style="text-align: right; margin-right: 20px;">N ↑</p> </div> </div>	
Inspector: <i>Dwight Johnson</i>	Signature: <i>Dwight Johnson</i>



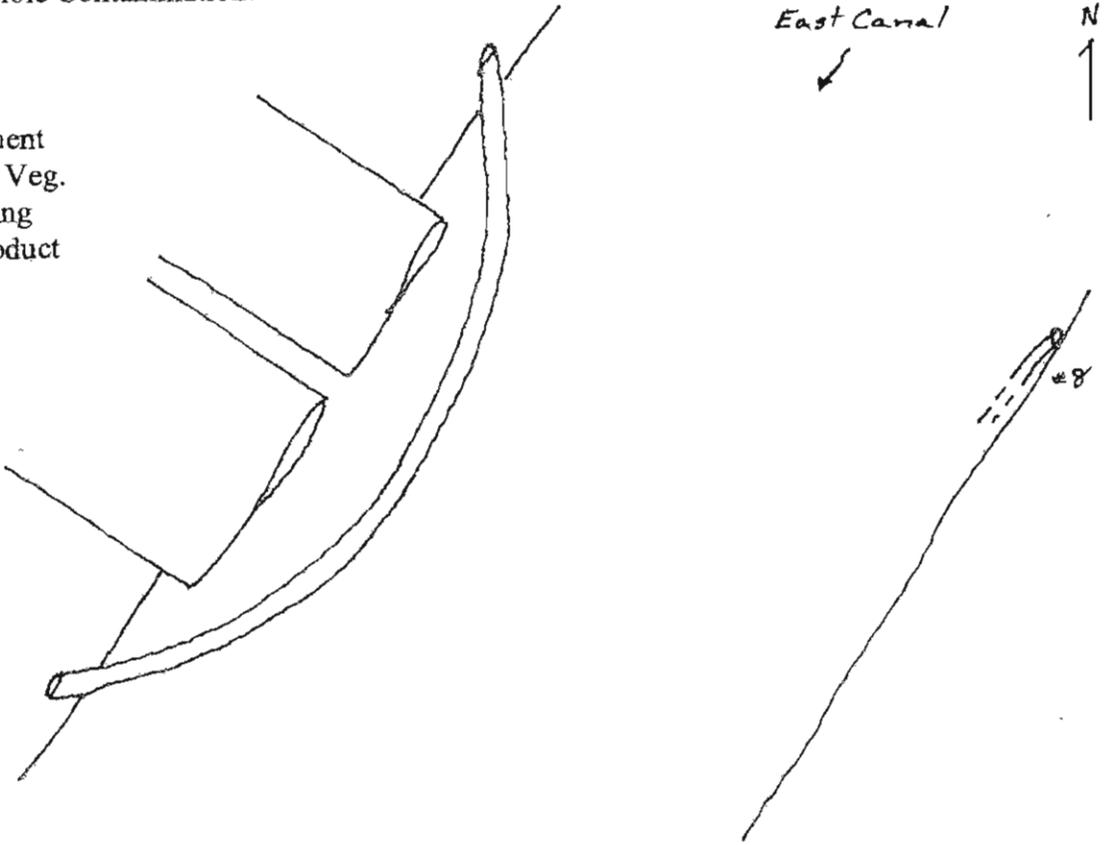
Boom Inspection Form

Task Order 43

Boom Location: 11	Time/Date: <u>H00 4-4-12</u>
Description of Boom Before Maintenance: <u>Frozen in ice</u>	Photograph (s) Time/Date Stamp: <u>1328 4-5-12</u>
Boom Repaired (Y/N): Description: <u>Pulled it out of ice</u>	Boom Replaced (Y/N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination:	
<u>Legend</u> /// Sheen \\\ Oily Sediment xxx Distressed Veg. RRR Iron Staining O Pooled Product	<div style="text-align: center;"> <u>East Canal</u> ↓ </div> <div style="text-align: right; margin-top: 20px;"> <u>#9/12</u> ↑ </div> <div style="text-align: right; margin-top: 20px;"> <u>N</u> ↑ </div>
Inspector: <u>Dwight Johnson</u>	Signature: <u>Dwight Johnson</u>

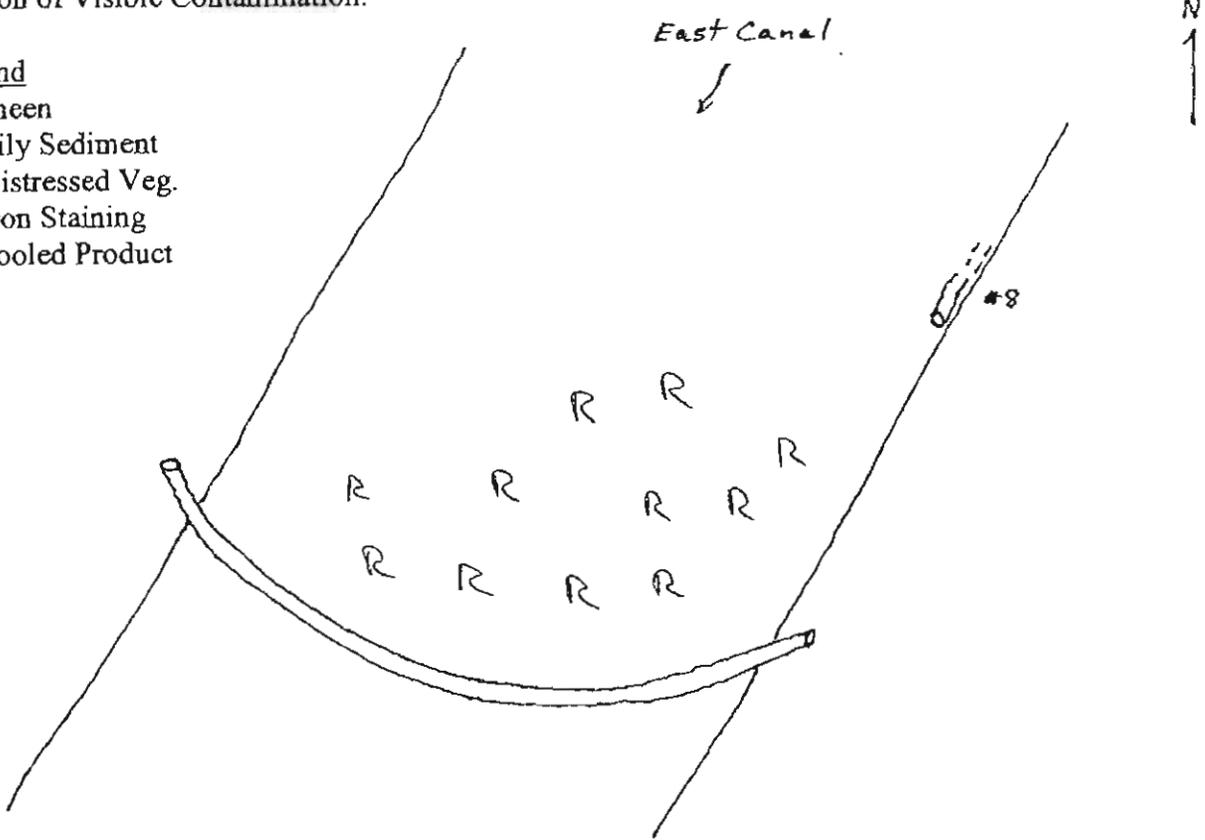
Boom Inspection Form

Task Order 43

Boom Location: 2	Time/Date: 5-17-12
Description of Boom Before Maintenance: <i>Unsatisfactory, water logged</i>	Photograph (s) Time/Date Stamp: 1502 5-17-12
Boom Repaired (Y/N): Description: <i>Tied boom to new stakes.</i>	Boom Replaced (Y/N) Number of sections: 2 Description: <i>Replaced Both sections</i>
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N): Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination: <div style="display: flex; align-items: flex-start;"> <div style="flex: 1;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\\\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="flex: 2;">  </div> </div>	
Inspector: <i>Dwight Johnson</i>	Signature: <i>Dwight Johnson</i>

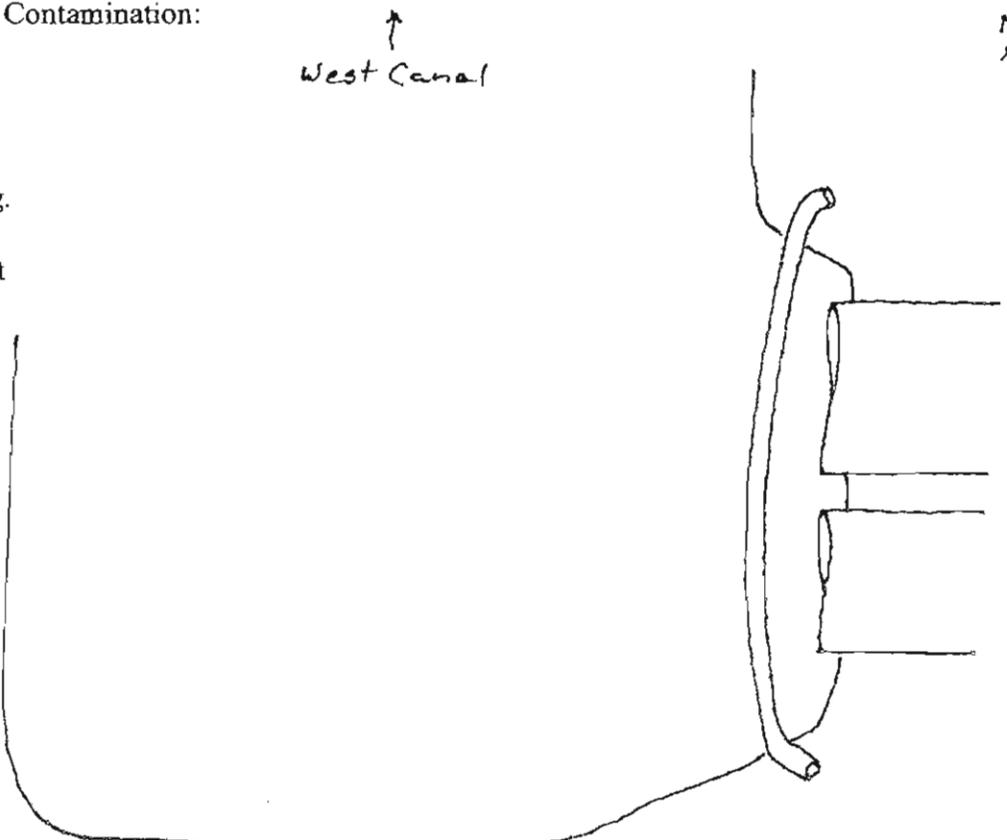
Boom Inspection Form

Task Order 43

Boom Location: 3	Time/Date: 5-17-12
Description of Boom Before Maintenance: <i>Satisfactory</i>	Photograph (s) Time/Date Stamp: 1502 5-17-12
Boom Repaired (Y/N): Description:	Boom Replaced (Y/N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination:	
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\\\\\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 65%; text-align: center;"> <p>East Canal</p>  </div> </div>	
Inspector: <i>Dwight Johnson</i>	Signature: <i>Dwight Johnson</i>

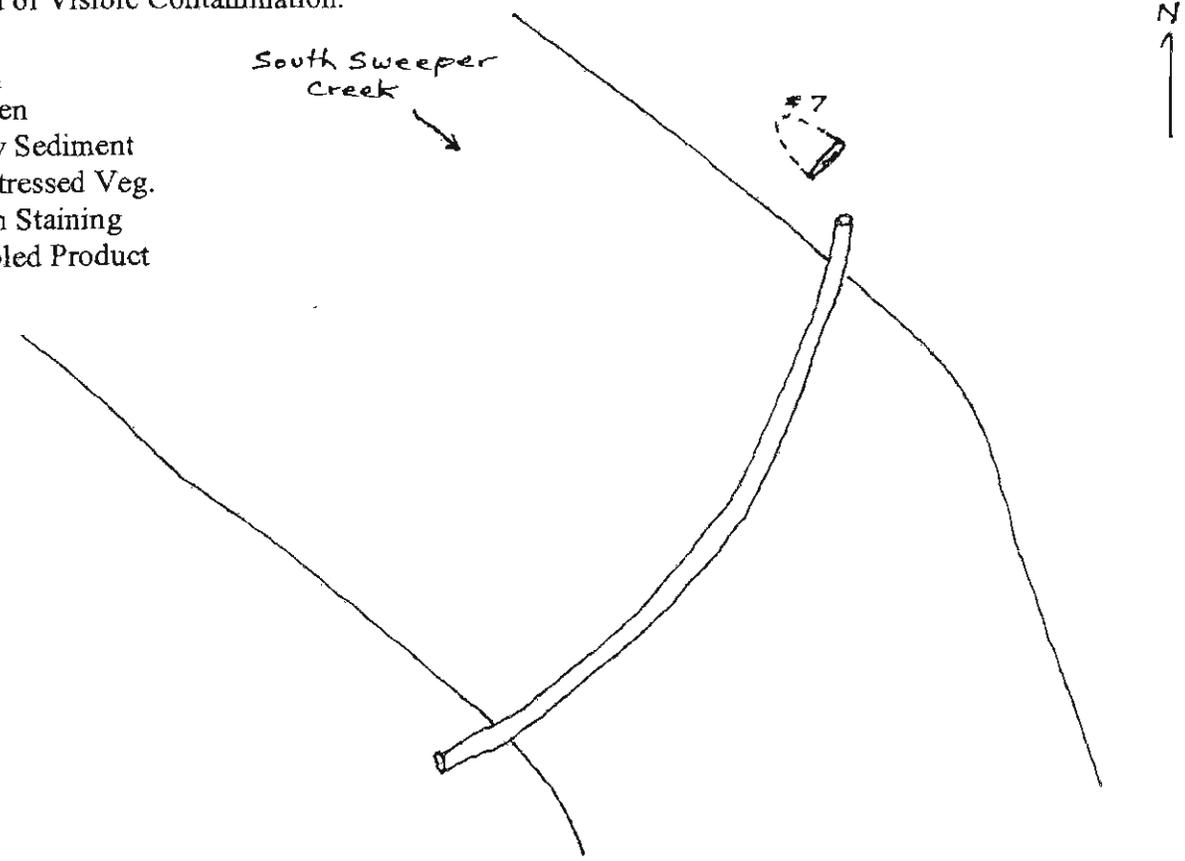
Boom Inspection Form

Task Order 43

Boom Location: 4	Time/Date: <div style="text-align: center; font-size: 1.2em;">5-17-12</div>		
Description of Boom Before Maintenance: <div style="font-size: 1.2em;">Satisfactory</div>	Photograph (s) Time/Date Stamp: <div style="font-size: 1.2em;">1511 5-17-12</div>		
Boom Repaired (Y / <input checked="" type="radio"/> N): Description:	Boom Replaced (Y / <input checked="" type="radio"/> N) Number of sections: Description:		
<p><u>Visual Observations</u></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"> Visible Contamination (Y / <input checked="" type="radio"/> N): Iron Staining (Y / <input checked="" type="radio"/> N): Oily Sediment/Soil (Y / <input checked="" type="radio"/> N): Distressed Vegetation (Y / <input checked="" type="radio"/> N): </td> <td style="width: 50%; border: none;"> Sheen Present on Water (Y / <input checked="" type="radio"/> N): Is the Boom containing the Sheen? (Y / N): Pooled Product (Y / <input checked="" type="radio"/> N): If yes, was product removed with sorbent pads? </td> </tr> </table>		Visible Contamination (Y / <input checked="" type="radio"/> N): Iron Staining (Y / <input checked="" type="radio"/> N): Oily Sediment/Soil (Y / <input checked="" type="radio"/> N): Distressed Vegetation (Y / <input checked="" type="radio"/> N):	Sheen Present on Water (Y / <input checked="" type="radio"/> N): Is the Boom containing the Sheen? (Y / N): Pooled Product (Y / <input checked="" type="radio"/> N): If yes, was product removed with sorbent pads?
Visible Contamination (Y / <input checked="" type="radio"/> N): Iron Staining (Y / <input checked="" type="radio"/> N): Oily Sediment/Soil (Y / <input checked="" type="radio"/> N): Distressed Vegetation (Y / <input checked="" type="radio"/> N):	Sheen Present on Water (Y / <input checked="" type="radio"/> N): Is the Boom containing the Sheen? (Y / N): Pooled Product (Y / <input checked="" type="radio"/> N): If yes, was product removed with sorbent pads?		
<p>Location of Visible Contamination:</p> <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 30%;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 60%; text-align: center;"> <p style="font-size: 1.5em;">↑</p> <p style="font-size: 1.2em;">West Canal</p>  <p style="text-align: right; font-size: 1.5em;">N ↑</p> </div> </div>			
Inspector: <div style="font-size: 1.2em;">Dwight Johnson</div>	Signature: <div style="font-size: 1.2em;">Dwight Johnson</div>		

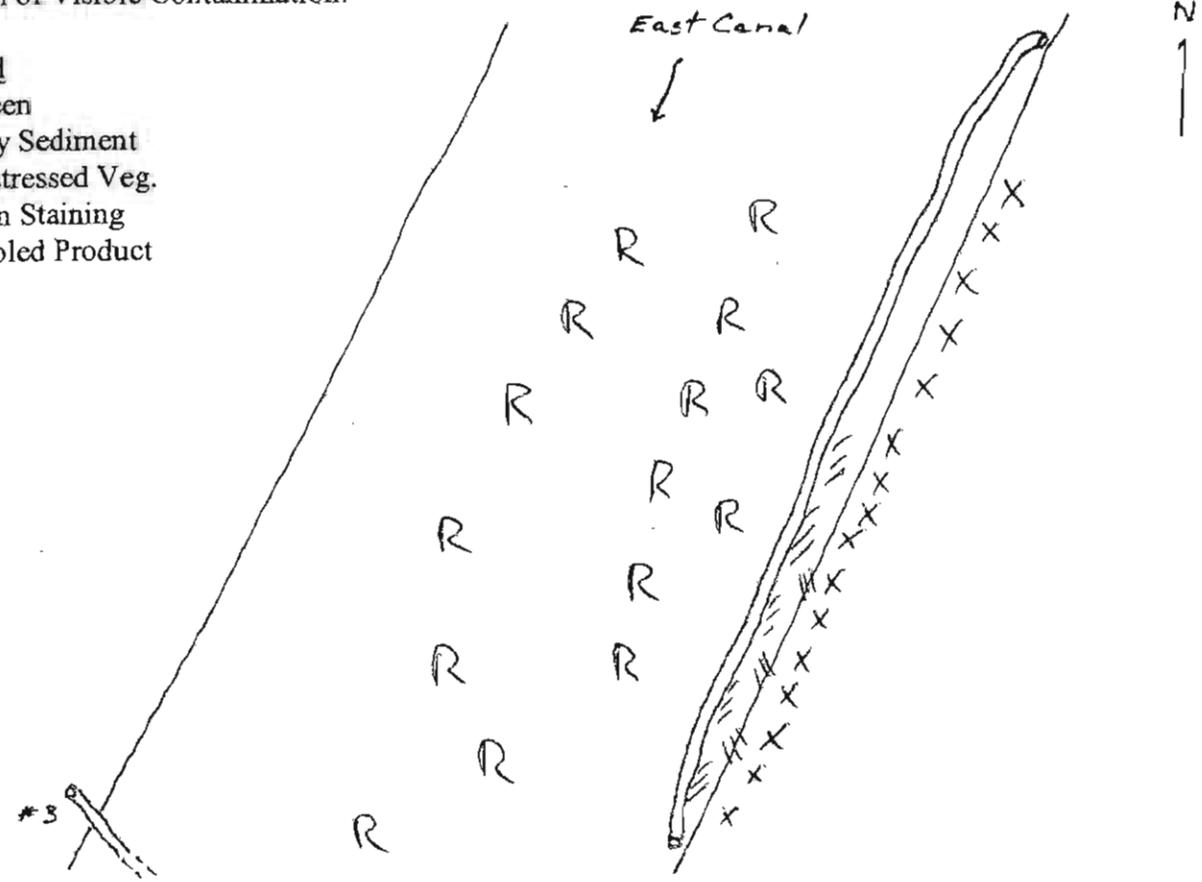
Boom Inspection Form

Task Order 43

Boom Location: 6	Time/Date: <div style="text-align: center; font-size: 1.2em;">5-17-12</div>		
Description of Boom Before Maintenance: <div style="font-size: 1.2em; margin-top: 10px;">Satis factory</div>	Photograph (s) Time/Date Stamp: <div style="text-align: center; font-size: 1.2em; margin-top: 10px;">1514 5-17-12</div>		
Boom Repaired (Y/N): Description:	Boom Replaced (Y/N) Number of sections: Description:		
<p>Visual Observations</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"> Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N): </td> <td style="width: 50%; border: none;"> Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads? </td> </tr> </table>		Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?
Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?		
<p>Location of Visible Contamination:</p> <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 30%;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 60%; text-align: center;"> <p style="margin-bottom: 10px;">South Sweeper Creek</p>  </div> </div>			
Inspector: <div style="font-size: 1.2em; margin-top: 5px;">Dwight Johnson</div>	Signature: <div style="font-size: 1.2em; margin-top: 5px;">Dwight Johnson</div>		

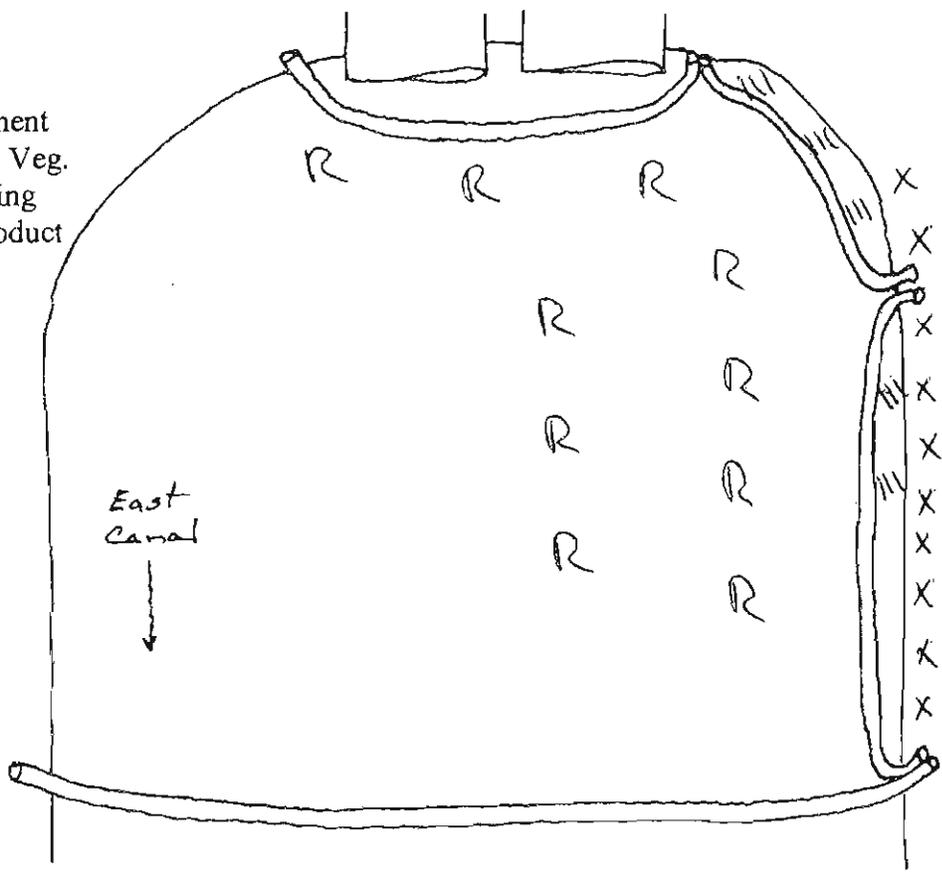
Boom Inspection Form

Task Order 43

Boom Location: 8	Time/Date: <div style="text-align: center; font-size: 1.2em;">5-17-12</div>
Description of Boom Before Maintenance: <i>Unsatifactory, water logged</i>	Photograph (s) Time/Date Stamp: <div style="text-align: center; font-size: 1.2em;">1503 5-17-12</div>
Boom Repaired (Y/N): Description: <i>Boom Replaced</i>	Boom Replaced (Y/N) Number of sections: 12 Description: <i>Replaced all sections</i>
Visual Observations	
Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?
Location of Visible Contamination:	
<p><u>Legend</u></p> <p>//// Sheen</p> <p>\\\\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p>	
Inspector: <i>Dwight Johnson</i>	Signature: <i>Dwight Johnson</i>

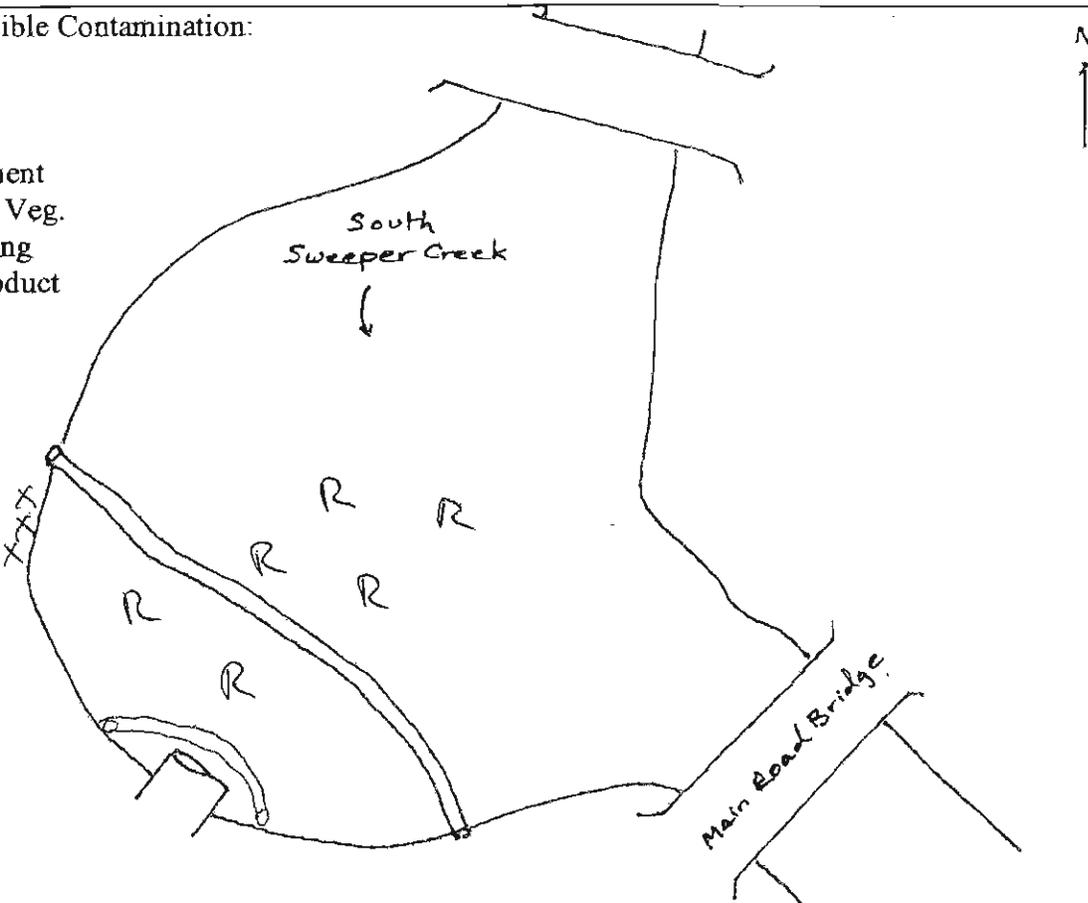
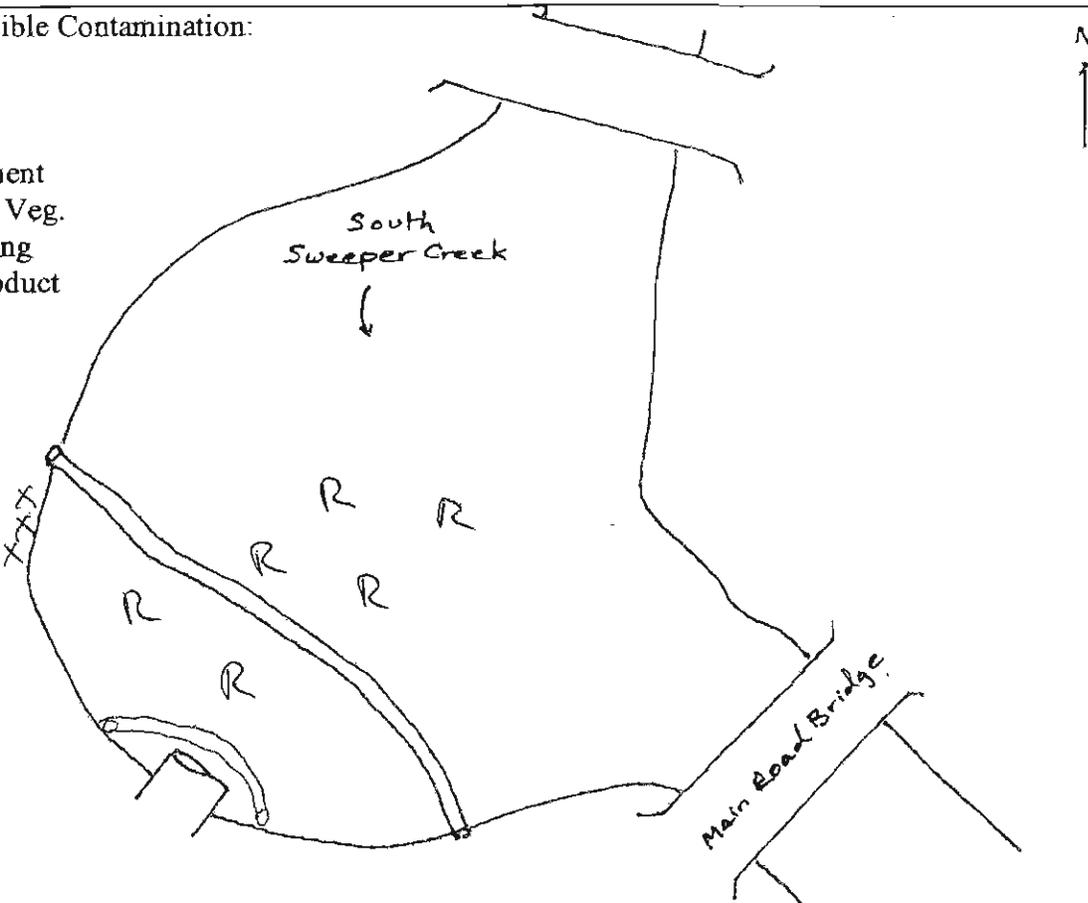
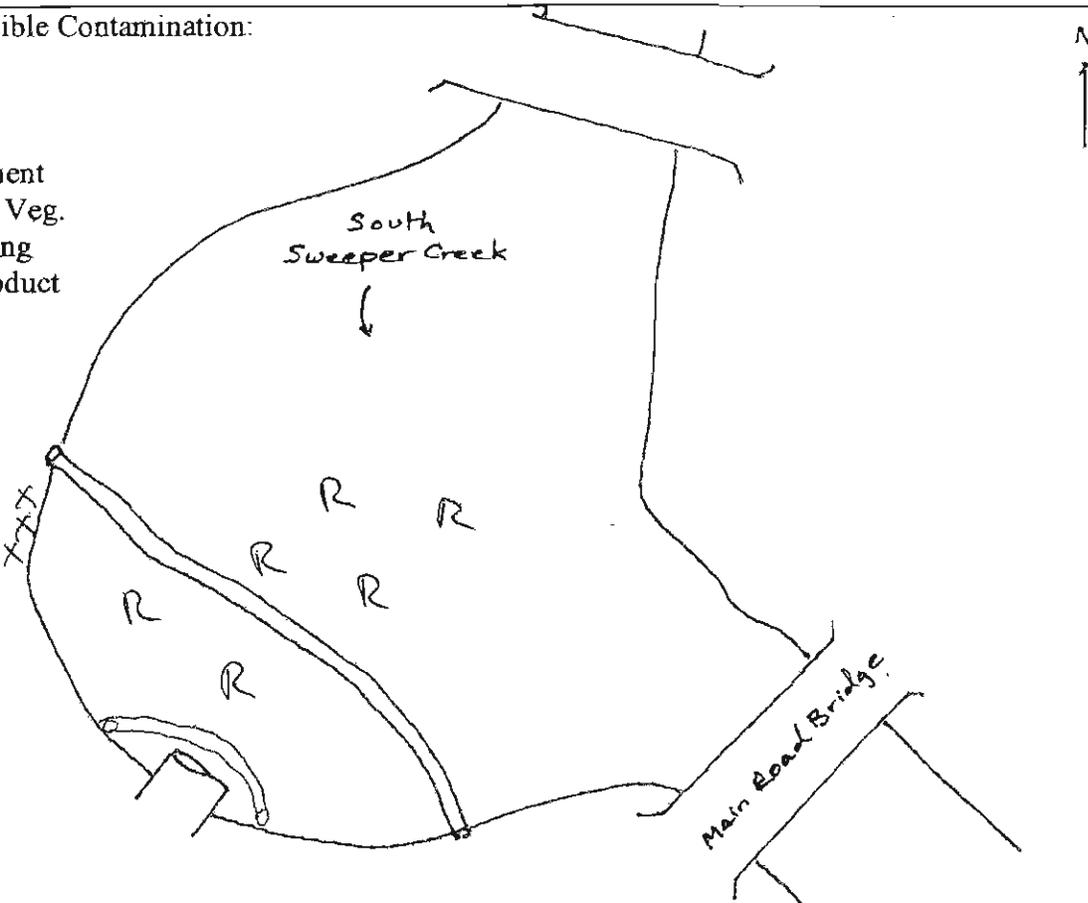
Boom Inspection Form

Task Order 43

Boom Location: 9/12	Time/Date: 5-17-12
Description of Boom Before Maintenance: Unsat's factory, waterlogged	Photograph (s) Time/Date Stamp: 1505 5-17-12
Boom Repaired (Y/N): Description: Boom Replaced	Boom Replaced (Y/N) Number of Sections: 24 Description: Replaced all sections
Visual Observations	
Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?
Location of Visible Contamination:	
<p><u>Legend</u></p> <p>//// Sheen</p> <p> Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p>	
Inspector: Dwight Johnson	Signature: Dwight Johnson

Boom Inspection Form

Task Order 43

Boom Location: 10	Time/Date: <p style="text-align: center; font-size: 1.2em;">5-17-12</p>		
Description of Boom Before Maintenance: <p style="font-size: 1.2em; margin-top: 10px;">Satisfactory</p>	Photograph (s) Time/Date Stamp: <p style="margin-top: 10px; font-size: 1.2em;">1513 5-17-12</p>		
Boom Repaired (Y/N): Description:	Boom Replaced (Y/N) Number of sections: Description:		
<p><u>Visual Observations</u></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none; vertical-align: top;"> Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N): </td> <td style="width: 50%; border: none; vertical-align: top;"> Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads? </td> </tr> </table>		Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?
Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?		
Location of Visible Contamination:			
<table style="width: 100%; border: none;"> <tr> <td style="width: 20%; border: none; vertical-align: top;"> <p><u>Legend</u></p> //// Sheen \\\ Oily Sediment xxx Distressed Veg. RRR Iron Staining ● Pooled Product </td> <td style="width: 80%; border: none; text-align: center;">  <p style="text-align: right; margin-right: 20px;">N ↑</p> </td> </tr> </table>		<p><u>Legend</u></p> //// Sheen \\\ Oily Sediment xxx Distressed Veg. RRR Iron Staining ● Pooled Product	 <p style="text-align: right; margin-right: 20px;">N ↑</p>
<p><u>Legend</u></p> //// Sheen \\\ Oily Sediment xxx Distressed Veg. RRR Iron Staining ● Pooled Product	 <p style="text-align: right; margin-right: 20px;">N ↑</p>		
Inspector: <p style="font-size: 1.2em; margin-top: 5px;">Dwight Johnson</p>	Signature: <p style="font-size: 1.2em; margin-top: 5px;">Dwight Johnson</p>		

Boom Inspection Form

Task Order 43

Boom Location: 11	Time/Date: 5-17-12
Description of Boom Before Maintenance: Unsatisfactory, water logged	Photograph (s) Time/Date Stamp: 1506 5-17-12
Boom Repaired (Y/N): Description: Boom Replaced	Boom Replaced (Y/N) Number of sections: 4 Description: Replaced all sections.
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination:	
<p><u>Legend</u></p> <p>//// Sheen</p> <p> Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p>	<div style="text-align: center;"> East Canal ↓ </div> <div style="text-align: right; margin-top: 20px;"> # 9/12 ↑ N </div>
Inspector: Dwight Johnson	Signature: Dwight Johnson

SWMU 62, NEW HOUSING FUEL LEAK

NAME: Dwight Johnson / JOHN HIGHSTONE

Month/Year: June 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
MW-303-14	6/18/12	21.56			NP	
MW-303-12	[Hand-drawn wavy line]	20.69			NP	
RW-303-4		21.42			NP	
HMW-303-3		27.77	27.22	.55	IC	
RW-303-7		21.97			NP	
HMW-303-2		26.42			NP	
03-101		22.20	22.12	.08	C	.27L RECOVER
HMW-303-11		26.20	26.16	.04	IS	
03-518		26.62			NP	
MW-15		17.67	17.40	.27	BAILED	.12 L RECOVER
03-102		13.93	13.88	.05	C	
HMW-303-9		25.98			NP	
RW-303-15		27.42	27.13	.29	C	.60L RECOVER
RW-303-13		6.87			NP	
SWMU62-R6		6.62			NP	
SWMU62-R5		6.21			NP	
SWMU62-R4		6.51	6.44	.07	C	
SWMU62-R3		6.78	6.62	.16	C	
SWMU62-R2		6.82			NP	
SWMU62-R1	6.98			NP		
MRP-MW3	6/18/12	7.33			NP	

Notes:

- C = Cannister kept in use.
- IC = Installed cannister
- IS = Installed sock

- NP = No product observed
- RC = Removed cannister
- RS = Removed sock
- CHS = Replaced sock

SWMU 62, NEW HOUSING FUEL LEAK

NAME: Dwight Johnson

Month/Year: June²⁵ 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
MW-303-14	6/19/12					
MW-303-12						
RW-303-4						
HMW-303-3		27.67	27.25	.42	C	0.0 RECOVER
RW-303-7						
HMW-303-2						
03-101		22.15	22.14	.01	IS, RC	.10 RECOVER
HMW-303-11						
03-518						
MW-15		17.46	17.44	.02	IS	
03-102		13.92	13.90	.02	RC, IS	.10 RECOVER
HMW-303-9						
RW-303-15		27.44	27.15	.29	C	0.0 RECOVER
RW-303-13						
SWMU62-R6						
SWMU62-R5						
SWMU62-R4		6.46	6.41	.05	C	.06 RECOVER
SWMU62-R3		6.74	6.59	.15	C	.60 RECOVER
SWMU62-R2						
SWMU62-R1						
MRP-MW3	6/12/12					

Notes:

C = Cannister kept in use.
 IC = Installed cannister
 IS = Installed sock

NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Replaced sock

SWMU 62, NEW HOUSING FUEL LEAK

NAME: Dwight Johnson

Month/Year: June 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/ Maintenance	Notes
MW-303-14						
MW-303-12						
RW-303-4						
HMW-303-3	6/20/12	27.61	27.28	.33	C	
RW-303-7						
HMW-303-2						
03-101						
HMW-303-11						
03-518						
MW-15						
03-102						
HMW-303-9						
RW-303-15	6/20/12	27.24	27.21	.03	C	.60 RECOVER
RW-303-13						
SWMU62-R6						
SWMU62-R5						
SWMU62-R4	6/20/12	6.33				
SWMU62-R3	6/20/12	6.64	6.49		C	.60 RECOVER
SWMU62-R2						
SWMU62-R1						
MRP-MW3						

Notes:

- C = Cannister kept in use.
- IC = Installed cannister
- IS = Installed sock

- NP = No product observed
- RC = Removed cannister
- RS = Removed sock
- CHS = Replaced sock

SWMU 62, NEW HOUSING FUEL LEAK

NAME: Dwight Johnson
J. Highstone

Month/Year: *06-21-2012*

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
MW-303-14						
MW-303-12						
RW-303-4						
HMW-303-3	<i>6-21-12</i>	<i>27.31</i>	<i>27.27</i>	<i>.4</i>	<i>C</i>	<i>.28</i>
RW-303-7						
HMW-303-2						
03-101						
HMW-303-11						
03-518						
MW-15						
03-102						
HMW-303-9						
RW-303-15	<i>6-21-12</i>	<i>27.16</i>	<i>27.11</i>	<i>.5</i>	<i>C</i>	<i>.12</i>
RW-303-13						
SWMU62-R6						
SWMU62-R5						
SWMU62-R4						
SWMU62-R3	<i>6-21-12</i>	<i>6.61</i>	<i>6.49</i>	<i>.12</i>	<i>C</i>	<i>.60</i>
SWMU62-R2						
SWMU62-R1						
MRP-MW3						

Notes:
 C = Cannister kept in use.
 IC = Installed cannister
 IS = Installed sock

NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Replaced sock

SWMU 62, NEW HOUSING FUEL LEAK

NAME: Dwight Johnson
John Highstone ^{SR}

Month/Year: June ²² 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
MW-303-14						
MW-303-12						
RW-303-4						
HMW-303-3	6/22/12	27.34	27.33	.01	RC, IS	.12 RECOVER
RW-303-7						
HMW-303-2						
03-101						
HMW-303-11						
03-518						
MW-15						
03-102						
HMW-303-9						
RW-303-15	6/22/12	27.19	27.17	.02	C	.08 RECOVER
RW-303-13						
SWMU62-R6						
SWMU62-R5						
SWMU62-R4						
SWMU62-R3	6/22/12	6.64	6.49	.15	C	.60 RECOVER
SWMU62-R2						
SWMU62-R1						
MRP-MW3						

Notes:

C = Cannister kept in use.
IC = Installed cannister
IS = Installed sock

NP = No product observed
RC = Removed cannister
RS = Removed sock
CHS = Replaced sock

SWMU 62, NEW HOUSING FUEL LEAK

NAME: ~~Dwight Johnson~~ *John Hughtone*

Month/Year: *June 02* 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
MW-303-14						
MW-303-12						
RW-303-4						
HMW-303-3						
RW-303-7						
HMW-303-2						
03-101						
HMW-303-11						
03-518						
MW-15						
03-102						
HMW-303-9						
RW-303-15	<i>6/23/12</i>	<i>27.23</i>	<i>27.22</i>	<i>.01</i>	<i>RC, IS</i>	
RW-303-13						
SWMU62-R6						
SWMU62-R5						
SWMU62-R4						
SWMU62-R3	<i>6/23/12</i>	<i>6.74</i>	<i>6.59</i>	<i>.15</i>	<i>C</i>	<i>.60 RECOVER</i>
SWMU62-R2						
SWMU62-R1						
MRP-MW3						

Notes:
 C = Cannister kept in use.
 IC = Installed cannister
 IS = Installed sock
 NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Replaced sock

SWMU 62, NEW HOUSING FUEL LEAK

NAME: ~~Dwight Johnson~~ *John Highstone*

Month/Year: *June 24* 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
MW-303-14						
MW-303-12						
RW-303-4						
HMW-303-3						
RW-303-7						
HMW-303-2						
03-101						
HMW-303-11						
03-518						
MW-15						
03-102						
HMW-303-9						
RW-303-15						
RW-303-13						
SWMU62-R6						
SWMU62-R5						
SWMU62-R4						
SWMU62-R3	<i>6/24/12</i>	<i>10.79</i>	<i>6.64</i>	<i>.15</i>	<i>C</i>	<i>.12 recover</i>
SWMU62-R2						
SWMU62-R1						
MRP-MW3						

Notes:
 C = Cannister kept in use.
 IC = Installed cannister
 IS = Installed sock

NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Replaced sock

Other Wells

NAME: Dwight Johnson / JOHN HIGHTON

Month/Year: June 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Site	Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
NMCB	02-815	6/18/12	14.03			RS	
	02-300	}	10.33	10.29	.04	CHS	
	02-463		10.03			NP	
	NMCB-10		11.02			NP	
	02-497		7.25			NP	
	NMCB-07		10.36			RS	
	02-818		9.54			RS	
SA 80	04-157		}	18.53	18.31	.22	C
	04-158	17.43		16.97	.46	C	.50 L RECOVER
	04-173	13.89		13.85	.04	IS	
SWMU 58	12-203	}	12.55	12.49	.06	CHS	
SWMU 60	652		9.62			RS	
	653		6/18/12	10.08			NP

Notes:

C = Cannister kept in use

IC = Installed cannister

IS = Installed sock

NP = No product observed

RC = Removed cannister

RS = Removed sock

CHS = Changed sock

Other Wells

NAME: Dwight Johnson

Month/Year: June²⁰¹² 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Site	Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
NMCB	02-815	6/19/12					
	02-300	↓					
	02-463						
	NMCB-10						
	02-497						
	NMCB-07						
	02-818						
SA 80	04-157		18.49	18.27	.22	C	O. RECOVER
	04-158		17.70	17.31	.39	C	O. RECOVER
	04-173						
SWMU 58	12-203						
SWMU 60	652						
	653	↓					
		6/19/12					

Notes
 C = Cannister kept in use
 IC = Installed cannister
 IS = Installed sock
 NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Changed sock

Other Wells

NAME: Dwight Johnson

Month/Year: June²⁰ 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Site	Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
NMCB	02-815						
	02-300						
	02-463						
	NMCB-10						
	02-497						
	NMCB-07						
	02-818						
SA 80	04-157	6/20/12	18.41	18.22	.19	C	0.0 RECOVER
	04-158	6/20/12	17.93	17.62	.31	C	.26 RECOVER
	04-173						
SWMU 58	12-203						
SWMU 60	652						
	653						

Notes:
 C = Cannister kept in use
 IC = Installed cannister
 IS = Installed sock
 NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Changed sock

Other Wells

NAME: Dwight Johnson
J. Highstone

Month/Year: *06-21-* 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Site	Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/ Maintenance	Notes
NMCB	02-815						
	02-300						
	02-463						
	NMCB-10						
	02-497						
	NMCB-07						
	02-818						
SA 80	04-157	<i>06-21-12</i>	<i>18.70</i>	<i>18.65</i>	<i>05</i>	<i>C</i>	<i>.45</i>
	04-158	<i>06-21-12</i>	<i>18.15</i>	<i>17.98</i>	<i>.17</i>	<i>C</i>	<i>.39</i>
	04-173						
SWMU 58	12-203						
SWMU 60	652						
	653						

Notes:
 C = Cannister kept in use
 IC = Installed cannister
 IS = Installed sock
 NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Changed sock

Other Wells

NAME: ~~Dwight Johnson~~ ⁰²
John Highstone

Month/Year: June ⁰² 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Site	Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/ Maintenance	Notes
NMCB	02-815						
	02-300						
	02-463						
	NMCB-10						
	02-497						
	NMCB-07						
	02-818						
SA 80	04-157	6/23/12	18.19	18.17	.02	C	0.0 RECOVER
	04-158	6/23/12	17.86	17.79	.07	C	.16 RECOVER
	04-173						
SWMU 58	12-203						
SWMU 60	652						
	653						

Notes:
 C - Cannister kept in use
 IC = Installed cannister
 IS = Installed sock
 NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Changed sock

Other Wells

NAME: Dwight Johnson *[Signature]*
John Heshstone

Month/Year: June th 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Site	Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/ Maintenance	Notes
NMCB	02-815						
	02-300						
	02-463						
	NMCB-10						
	02-497						
	NMCB-07						
	02-818						
SA 80	04-157	6/24/12	18.60	18.58	.02	C	
	04-158	6/24/12	18.04	18.02	.02	C	.16 RECOVER
	04-173						
SWMU 58	12-203						
SWMU 60	652						
	653						

Notes:
 C = Cannister kept in use
 IC = Installed cannister
 IS = Installed sock
 NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Changed sock



SEALASKA
ENVIRONMENTAL

Boom Inspection Form

Task Order 43

Boom Location: 2	Time/Date: <u>6/20/12</u>
Description of Boom Before Maintenance: <u>Satisfactory</u>	Photograph (s) Time/Date Stamp:
Boom Repaired (Y / <input checked="" type="radio"/> N): Description:	Boom Replaced (Y / <input checked="" type="radio"/> N) Number of sections: Description:
Visual Observations Visible Contamination (Y / <input checked="" type="radio"/> N) Iron Staining (Y / <input checked="" type="radio"/> N) Oily Sediment/Soil (Y / <input checked="" type="radio"/> N) Distressed Vegetation (Y / <input checked="" type="radio"/> N)	
Sheen Present on Water (Y / <input checked="" type="radio"/> N) Is the Boom containing the Sheen? (Y / N): Pooled Product (Y / <input checked="" type="radio"/> N) If yes, was product removed with sorbent pads?	
Location of Visible Contamination: <div style="display: flex; justify-content: space-between;"> <div data-bbox="228 961 487 1165"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\\\\\ Oily Sediment</p> <p>XXX Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div data-bbox="422 919 1453 1738"> </div> </div>	
Inspector:	Signature:



SEALASKA ENVIRONMENTAL

Boom Inspection Form

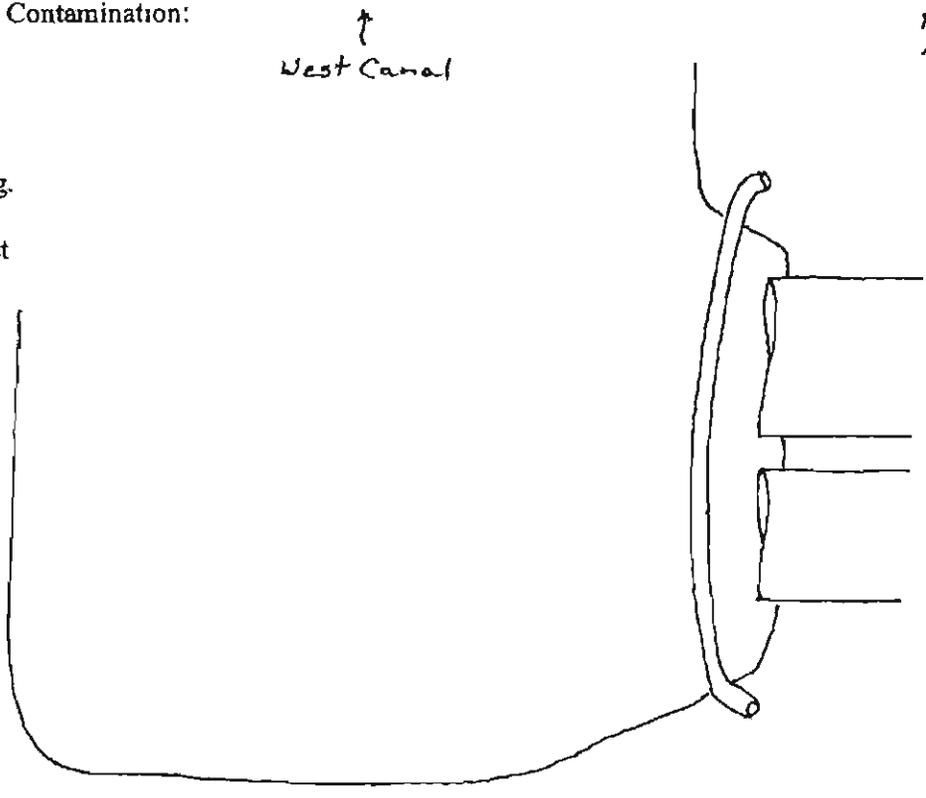
Task Order 43

Boom Location: 3	Time/Date: <u>6/20/12</u>
Description of Boom Before Maintenance: <u>Satisfactory</u>	Photograph (s) Time/Date Stamp:
Boom Repaired (Y/N) <input checked="" type="radio"/> Y <input type="radio"/> N Description:	Boom Replaced (Y/N) <input type="radio"/> Y <input checked="" type="radio"/> N Number of sections: Description:
Visual Observations Visible Contamination (Y/N) <input type="radio"/> Y <input checked="" type="radio"/> N Iron Staining <input checked="" type="radio"/> Y <input type="radio"/> N Oily Sediment/Soil (Y/N) <input type="radio"/> Y <input checked="" type="radio"/> N Distressed Vegetation (Y/N) <input type="radio"/> Y <input checked="" type="radio"/> N	
Sheen Present on Water (Y/N) <input type="radio"/> Y <input checked="" type="radio"/> N Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N) <input type="radio"/> Y <input checked="" type="radio"/> N If yes, was product removed with sorbent pads?	
Location of Visible Contamination:	
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p><u>Legend</u></p> <p>/// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 60%; text-align: center;"> <p><u>East Canal</u></p> </div> </div>	
Inspector:	Signature:



Boom Inspection Form

Task Order 43

Boom Location: 4	Time/Date: 6/20/12
Description of Boom Before Maintenance: Satisfactory	Photograph (s) Time/Date Stamp:
Boom Repaired (Y/N): (N) Description:	Boom Replaced (Y/N): (N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N): (N) Iron Staining (Y/N): (N) Oily Sediment/Soil (Y/N): (N) Distressed Vegetation (Y/N): (N)	
Sheen Present on Water (Y/N): (N) Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): (N) If yes, was product removed with sorbent pads?	
Location of Visible Contamination: <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="width: 30%;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 60%; text-align: center;"> <p>↑ West Canal</p>  </div> </div>	
Inspector:	Signature:



Boom Inspection Form

Task Order 43

Boom Location: 6	Time/Date: 6/20/12
Description of Boom Before Maintenance: <i>Satisfactory</i>	Photograph (s) Time/Date Stamp:
Boom Repaired (Y/N): Description:	Boom Replaced (Y/N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination: <div style="display: flex; align-items: flex-start;"> <div style="margin-right: 20px;"> <p><u>Legend</u></p> <p>/// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="flex-grow: 1;"> <p style="text-align: center;"><i>South Sweeper Creek</i></p> </div> </div>	
Inspector:	Signature:



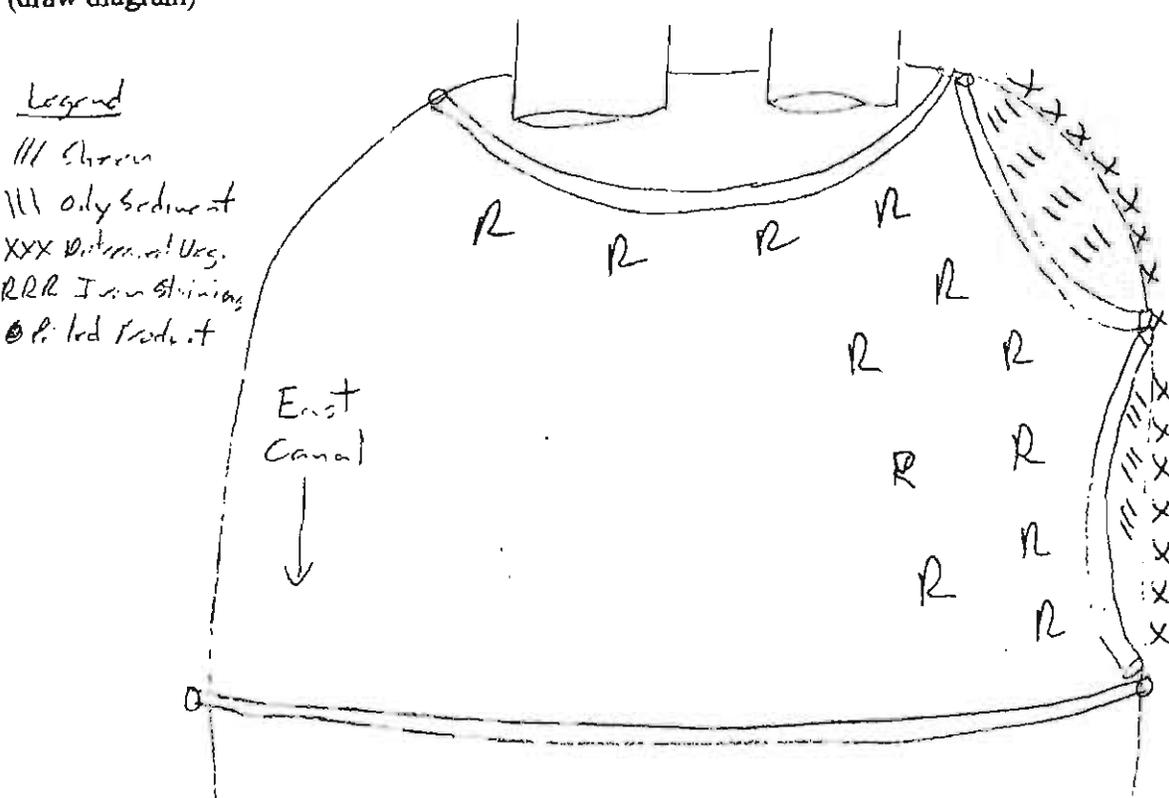
Boom Inspection Form

Task Order 43

Boom Location: 8	Time/Date: <u>6/20/12</u>
Description of Boom Before Maintenance: <u>Satisfactory</u>	Photograph (s) Time/Date Stamp:
Boom Repaired (Y <input checked="" type="radio"/> N): Description:	Boom Replaced (Y <input checked="" type="radio"/> N) Number of sections: Description:
Visual Observations Visible Contamination (Y <input checked="" type="radio"/> N): Iron Staining (Y <input checked="" type="radio"/> N): Oily Sediment/Soil (Y <input checked="" type="radio"/> N): Distressed Vegetation (Y <input checked="" type="radio"/> N):	
Sheen Present on Water (Y <input checked="" type="radio"/> N): Is the Boom containing the Sheen? (Y <input checked="" type="radio"/> N): Pooled Product (Y <input checked="" type="radio"/> N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination: <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 50%;"> </div> </div>	
Inspector:	Signature:

Boom Inspection Form

Task Order 43

Boom Location: 9/12	Time/Date: 6/20/12	Inspector:		
Description of Boom Before Maintenance: <i>Satisfactory</i>		Photograph (s) Time/Date Stamp: <i>1254 6/20/12</i>		
Boom Repaired (Y <input checked="" type="radio"/> N): Description:		Boom Replaced (Y <input checked="" type="radio"/> N)/ Number of sections: Description:		
<p>Visual Observations</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"> Visible Contamination (Y <input checked="" type="radio"/> N): Iron Staining (Y <input checked="" type="radio"/> N): Oily Sediment/Soil (Y <input checked="" type="radio"/> N): Distressed Vegetation (Y <input checked="" type="radio"/> N): </td> <td style="width: 50%; border: none;"> Sheen Present on Water (Y <input checked="" type="radio"/> N): Is the Boom containing the Sheen? (Y <input checked="" type="radio"/> N) Pooled Product (Y <input checked="" type="radio"/> N): If yes, was product removed with sorbent pads? </td> </tr> </table>			Visible Contamination (Y <input checked="" type="radio"/> N): Iron Staining (Y <input checked="" type="radio"/> N): Oily Sediment/Soil (Y <input checked="" type="radio"/> N): Distressed Vegetation (Y <input checked="" type="radio"/> N):	Sheen Present on Water (Y <input checked="" type="radio"/> N): Is the Boom containing the Sheen? (Y <input checked="" type="radio"/> N) Pooled Product (Y <input checked="" type="radio"/> N): If yes, was product removed with sorbent pads?
Visible Contamination (Y <input checked="" type="radio"/> N): Iron Staining (Y <input checked="" type="radio"/> N): Oily Sediment/Soil (Y <input checked="" type="radio"/> N): Distressed Vegetation (Y <input checked="" type="radio"/> N):	Sheen Present on Water (Y <input checked="" type="radio"/> N): Is the Boom containing the Sheen? (Y <input checked="" type="radio"/> N) Pooled Product (Y <input checked="" type="radio"/> N): If yes, was product removed with sorbent pads?			
Location of Visible Contamination: (draw diagram)				
				
Inspector:		Signature:		



Boom Inspection Form

Task Order 43

Boom Location: 10	Time/Date: 6/20/12
Description of Boom Before Maintenance: Satisfactory	Photograph (s) Time/Date Stamp:
Boom Repaired (Y/N): Description:	Boom Replaced (Y/N): Number of sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination:	
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>Legend</p> <p>//// Sheen</p> <p>\\\\\\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 65%; text-align: center;"> <p style="text-align: center;">South Sweeper Creek</p> <p style="text-align: right;">Main Road Bridge</p> </div> <div style="width: 10%; text-align: right;"> <p>N</p> <p>↑</p> </div> </div>	
Inspector:	Signature:



SEALASKA ENVIRONMENTAL

Boom Inspection Form

Task Order 43

Boom Location: 11	Time/Date: 6/20/12
Description of Boom Before Maintenance: Satisfactory	Photograph (s) Time/Date Stamp: 1256 6/20/12
Boom Repaired (Y/N): Description:	Boom Replaced (Y/N): Number of sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination:	
<u>Legend</u> /// Sheen \\\ Oily Sediment xxx Distressed Veg. RRR Iron Staining ● Pooled Product	<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="text-align: center;"> <p>East Canal</p> <p>↓</p> </div> <div style="text-align: center;"> <p>↖ #9/12</p> </div> <div style="text-align: center;"> <p>N</p> <p>↑</p> </div> </div>
Inspector:	Signature:

SWMU 62, NEW HOUSING FUEL LEAK

NAME: JOHN HIGHTSTONE / ANDY LEWIS

Month/Year: 7/2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
MW-303-14	7/27/12	22.06			NP	
MW-303-12		21.12			NP	
RW-303-4		21.82			NP	
HMW-303-3		27.65			RS	
RW-303-7		22.35			NP	
HMW-303-2		27.74			NP	
03-101		22.41			NP	
HMW-303-11		26.49			RS	
03-518		26.97			NP	
MW-15		17.69			NP	
03-102		14.12			NP	
HMW-303-9		26.23			NP	
RW-303-15		27.50			RS	
RW-303-13		6.80			RS	
SWMU62-R6		6.55			NP	
SWMU62-R5		6.15	6.13	.02	IS	
SWMU62-R4		6.48	6.39	.09	C	.03 RECOVER
SWMU62-R3		6.69	6.56	.13	C	
SWMU62-R2		6.82	6.82			
SWMU62-R1		6.97	6.97			
MRP-MW3	7/27/12	7.72	7.72			

Notes:
 C = Cannister kept in use.
 IC = Installed cannister
 IS = Installed sock

NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Replaced sock

Other Wells

NAME: JOHN HIGHSTONE / ANDY LEWIS

Month/Year:

7/2012

TO 43 Groundwater Levels and Product Thickness Measurements

Site	Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/ Maintenance	Notes
NMCB	02-815	7/27/12	14.32	14.19	.13	IC	
	02-300		10.95	9.97		IC	
	02-463		10.31			NP	
	NMCB-10		11.27	10.93	.34	IC	
	02-497		7.54	7.04	.50	IC	
	NMCB-07		10.42	9.86	.56	IC	
	02-818		9.80	9.49	.31	IC	
SA 80	04-157	7/27/12	18.69	18.66	.03	C	.02 RECOVER
	04-158		18.81	18.79	.02	RC, IS	.12 RECOVER
	04-173		14.11	14.09		CHS	
SWMU 58	12-203		12.45	12.43	.02	CHS	
SWMU 60	652	7/27/12	9.78	9.76	.02	IS	
	653		10.95	10.91	.04	IS	
		7/27/12					

Notes:

- C = Cannister kept in use
- IC = Installed cannister
- IS = Installed sock

- NP = No product observed
- RC = Removed cannister
- RS = Removed sock
- CHS = Changed sock

SWMU 62, NEW HOUSING FUEL LEAK

NAME: JOHN HIGHTSTONE / ANDY LEWIS

Month/Year: 7/2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
MW-303-14						
MW-303-12						
RW-303-4						
HMW-303-3						
RW-303-7						
HMW-303-2						
03-101						
HMW-303-11						
03-518						
MW-15						
03-102						
HMW-303-9						
RW-303-15						
RW-303-13						
SWMU62-R6						
SWMU62-R5						
SWMU62-R4	7/28/12	6.50	6.41	.09	C	.04L RECOVER
SWMU62-R3	7/28/12	6.73	6.58	.15	C	.60L RECOVER
SWMU62-R2						
SWMU62-R1						
MRP-MW3						

Notes:

C = Cannister kept in use.

IC = Installed cannister

IS = Installed sock

NP = No product observed

RC = Removed cannister

RS = Removed sock

CHS = Replaced sock

Other Wells

NAME: JOHN HIGGINS / ANDY LEWIS

Month/Year: 7/2012

TO 43 Groundwater Levels and Product Thickness Measurements

Site	Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/ Maintenance	Notes
NMCB	02-815	7/28/12	14.04	14.03	.01	RC, IS	.28L RECOVER
	02-300	7/28/12	10.35	10.18	.17	C	.25L RECOVER
	02-463						
	* NMCB-108	7/28/12	11.04	11.01	.03	IS	
	02-497	7/28/12	7.21	7.20	.01	RC, IS	.22L RECOVER
	* NMCB-07	7/28/12	10.54	9.95	.59	C	.02L RECOVER
* 02-818	7/28/12	9.55	9.53	.02	RC, IS		
SA 80	04-157	7/28/12	18.76	18.74	.02	RC, IS	.01L RECOVER
	04-158						
	04-173						
SWMU 58	12-203						
SWMU 60	652						
	653						

* TIDALLY INFLUENCED, LEVELS RAISE 100th EVERY 8 SECONDS *
 * SWAP OUT SKIMMER/INSTALL CANISTER

Notes:
 C = Cannister kept in use
 IC = Installed cannister
 IS = Installed sock
 NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Changed sock

SWMU 62, NEW HOUSING FUEL LEAK

NAME: Andy Lewis & John Hshston

Month/Year: 7/ 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/ Maintenance	Notes
MW-303-14						
MW-303-12						
RW-303-4						
HMW-303-3						
RW-303-7						
HMW-303-2						
03-101						
HMW-303-11						
03-518						
MW-15						
03-102						
HMW-303-9						
RW-303-15						
RW-303-13						
SWMU62-R6						
SWMU62-R5						
SWMU62-R4	7/29/12	6.57	6.47	.10	C	0.25L Recover
SWMU62-R3	7/29/12	6.77	6.65	.12	C	0.50L Recover
SWMU62-R2						
SWMU62-R1						
MRP-MW3						

Notes:

C = Cannister kept in use.

IC = Installed cannister

IS = Installed sock

NP = No product observed

RC = Removed cannister

RS = Removed sock

CHS = Replaced sock

Other Wells

NAME: Andy Lewis & John Highstone

Month/Year:

7/ 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Site	Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/ Maintenance	Notes
NMCB	02-815						
	02-300	7-29-12	10.22	10.12	.10	C	.22 Recover
	02-463						
	NMCB-10	7-29-12	11.09	11.08	.01	S	Kept sock in with return to sock
	02-497						
	NMCB-07	7-29-12	10.31	9.97	.34	C	Placed two cans in well. (2) 0.30 Recover
	02-818						
SA 80	04-157						
	04-158						
	04-173						
SWMU 58	12-203						
SWMU 60	652						
	653						

Notes:

- C = Cannister kept in use
- IC = Installed cannister
- IS = Installed sock

- NP = No product observed
- RC = Removed cannister
- RS = Removed sock
- CHS = Changed sock

SWMU 62, NEW HOUSING FUEL LEAK

NAME: JOHN HIGHSTONE / ANDY LEWIS

Month/Year: 7/2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/ Maintenance	Notes
MW-303-14						
MW-303-12						
RW-303-4						
HMW-303-3						
RW-303-7						
HMW-303-2						
03-101						
HMW-303-11						
03-518						
MW-15						
03-102						
HMW-303-9						
RW-303-15						
RW-303-13						
SWMU62-R6						
SWMU62-R5						
SWMU62-R4	7/30/12	6.59	6.51	.08	RC, IS	.03L RECOVER
SWMU62-R3	7/30/12	6.84	6.68	.16	C	.02 L RECOVER
SWMU62-R2						
SWMU62-R1						
MRP-MW3						

INSERTED DOUBLE SOCK

- Notes:
- C = Cannister kept in use.
- IC = Installed cannister
- IS = Installed sock
- NP = No product observed
- RC = Removed cannister
- RS = Removed sock
- CHS = Replaced sock

Other Wells

NAME: JOHN HIGHSTONE / ANDY LEWIS

Month/Year: 7/2012

TO 43 Groundwater Levels and Product Thickness Measurements

Site	Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/ Maintenance	Notes
NMCB	02-815						
	02-300	7/30/12	10.19	10.14	.05	RC, IS	.03 RECOVER
	02-463						
	NMCB-10	7/30/12	11.01	NA	NA	CHS	MED. SHEEN - INSERTED DOUBLE SOCK
	02-497						
	NMCB-07	7/30/12	10.09	9.97	.12	C	.63L RECOVER
	02-818						
SA 80	04-157						
	04-158						
	04-173						
SWMU 58	12-203						
SWMU 60	652						
	653						

Notes:
 C = Cannister kept in use
 IC = Installed cannister
 IS = Installed sock
 NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Changed sock

SWMU 62, NEW HOUSING FUEL LEAK

NAME: Andy Lewis & John Hishstone

Month/Year: 7/2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/ Maintenance	Notes
MW-303-14						
MW-303-12						
RW-303-4						
HMW-303-3						
RW-303-7						
HMW-303-2						
03-101						
HMW-303-11						
03-518						
MW-15						
03-102						
HMW-303-9						
RW-303-15						
RW-303-13						
SWMU62-R6						
SWMU62-R5						
SWMU62-R4	7-31-12	6.59	6.52	0.7	Replaced with 2 socks CHS	3x socks
SWMU62-R3	7-31-12	6.81	6.69	0.12	Replaced with 3 socks CHS	3x socks
SWMU62-R2						
SWMU62-R1						
MRP-MW3						

Notes:

- C = Cannister kept in use.
- IC = Installed cannister
- IS = Installed sock

- NP = No product observed
- RC = Removed cannister
- RS = Removed sock
- CHS = Replaced sock

Other Wells

NAME: Andy Lewis & John Highstone

Month/Year: 7/2012

TO 43 Groundwater Levels and Product Thickness Measurements

Site	Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/ Maintenance	Notes
NMCB	02-815						
	02-300						
	02-463						
	NMCB-10	7/31/12	10.88	(Shoes) NA	NA	left sock in well (CHS)	will not return
	02-497						
	NMCB-07	7-31-12	10.83	9.74	0.09	RC, IS	will return later today to replace canister
	02-818						
SA 80	04-157						
	04-158						
	04-173						
SWMU 58	12-203						
SWMU 60	652						
	653						

Notes:
 C = Cannister kept in use
 IC = Installed cannister
 IS = Installed sock
 NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Changed sock

* 1600 7/31/12 NMCB-07 DTW = 9.81, DTP = 9.80 Replaced socks (2).

SWMU 62, NEW HOUSING FUEL LEAK

NAME: Andy Lewis & John Highstone

Month/Year: 8/2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/ Maintenance	Notes
MW-303-14						
MW-303-12						
RW-303-4						
HMW-303-3						
RW-303-7						
HMW-303-2						
03-101						
HMW-303-11						
03-518						
MW-15						
03-102						
HMW-303-9						
RW-303-15						
RW-303-13						
SWMU62-R6						
SWMU62-R5						
SWMU62-R4	8/1/12	6.61	6.53	0.08	RS, IC	
SWMU62-R3	8/1/12	6.54	6.72	0.12	RS, IC	
SWMU62-R2						
SWMU62-R1						
MRP-MW3						

Notes:

- C = Cannister kept in use.
- IC = Installed cannister
- IS = Installed sock

- NP = No product observed
- RC = Removed cannister
- RS = Removed sock
- CHS = Replaced sock

Other Wells

NAME: Andy Lewis & John Hishstone

Month/Year:

8/2012

TO 43 Groundwater Levels and Product Thickness Measurements

Site	Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/ Maintenance	Notes
NMCB	02-815						
	02-300						
	02-463						
	NMCB-10						
	02-497						
	NMCB-07	8/1/12	9.71	NA	NA	IS (2)	Two socks left in well.
	02-818						
SA 80	04-157						
	04-158						
	04-173						
SWMU 58	12-203						
SWMU 60	652						
	653						

Notes:

C = Cannister kept in use

IC = Installed cannister

IS = Installed sock

NP = No product observed

RC = Removed cannister

RS = Removed sock

CHS = Changed sock

SWMU 62, NEW HOUSING FUEL LEAK

NAME: Andy Lewis & John Highstone

Month/Year: 8/2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
MW-303-14						
MW-303-12						
RW-303-4						
HMW-303-3						
RW-303-7						
HMW-303-2						
03-101						
HMW-303-11						
03-518						
MW-15						
03-102						
HMW-303-9						
RW-303-15						
RW-303-13						
SWMU62-R6						
SWMU62-R5						
SWMU62-R4	8/2/12	6.63	6.55	0.08	(C)	removed, 15 L
SWMU62-R3	8/2/12	6.83	6.72	0.11	(C)	removed, 07 L
SWMU62-R2						
SWMU62-R1						
MRP-MW3						

Notes:

- C = Cannister kept in use.
- IC = Installed cannister
- IS = Installed sock

- NP = No product observed
- RC = Removed cannister
- RS = Removed sock
- CHS = Replaced sock



Boom Inspection Form

Task Order 43

Boom Location: 2	Time/Date: 15:50 8/1/12		
Description of Boom Before Maintenance: UNSATISFACTORY	Photograph (s) Time/Date Stamp: 8/1/12		
Boom Repaired (Y) (N): Description: MOVE BACK INTO POSITION ON STAKES	Boom Replaced (Y) (N) Number of sections: Description:		
<p>Visual Observations</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"> Visible Contamination (Y) (N): Iron Staining (Y) (N): Oily Sediment/Soil (Y) (N): Distressed Vegetation (Y) (N): </td> <td style="width: 50%; border: none;"> Sheen Present on Water (Y) (N): Is the Boom containing the Sheen? (Y / N): Pooled Product (Y) (N): If yes, was product removed with sorbent pads? </td> </tr> </table>		Visible Contamination (Y) (N): Iron Staining (Y) (N): Oily Sediment/Soil (Y) (N): Distressed Vegetation (Y) (N):	Sheen Present on Water (Y) (N): Is the Boom containing the Sheen? (Y / N): Pooled Product (Y) (N): If yes, was product removed with sorbent pads?
Visible Contamination (Y) (N): Iron Staining (Y) (N): Oily Sediment/Soil (Y) (N): Distressed Vegetation (Y) (N):	Sheen Present on Water (Y) (N): Is the Boom containing the Sheen? (Y / N): Pooled Product (Y) (N): If yes, was product removed with sorbent pads?		
<p>Location of Visible Contamination:</p> <div style="display: flex; align-items: flex-start;"> <div style="flex: 1;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\\\\\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="flex: 2;"> </div> </div>			
Inspector: JOHN HIGGESTONE / ANDY LEWIS	Signature: <i>[Handwritten Signature]</i>		



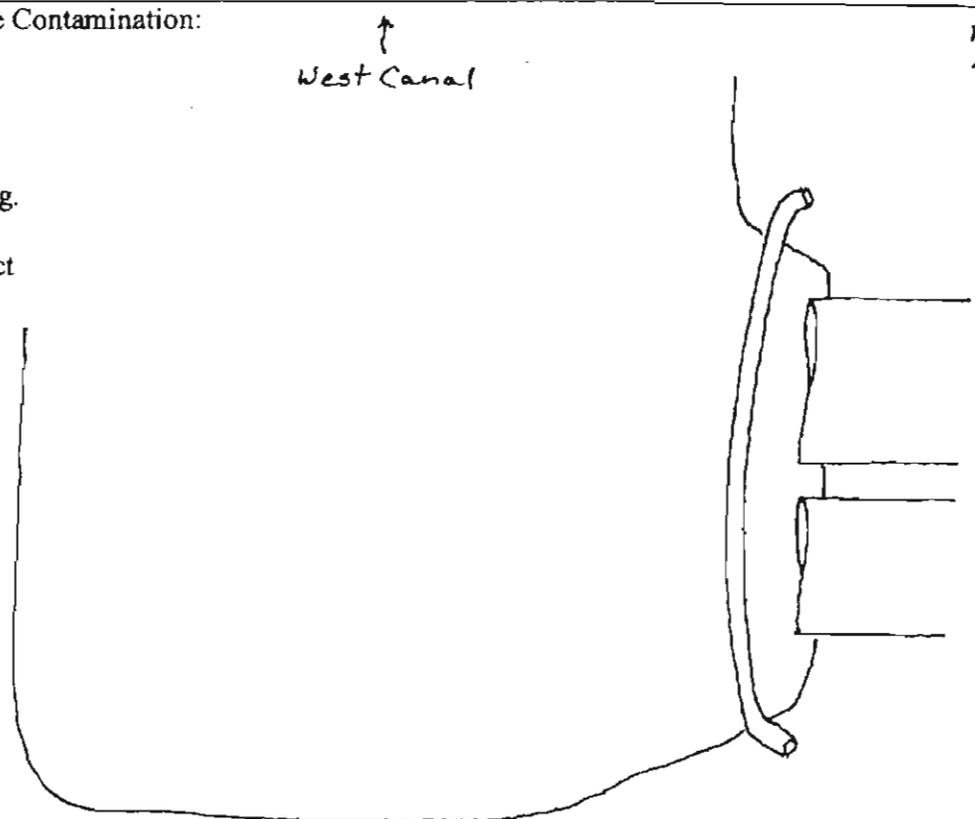
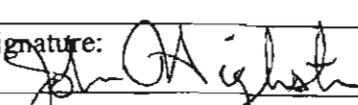
Boom Inspection Form

Task Order 43

Boom Location: 3	Time/Date: 15:51 8/1/12
Description of Boom Before Maintenance: SATISFACTORY	Photograph (s) Time/Date Stamp: 8/1/12
Boom Repaired (Y/N): Description:	Boom Replaced (Y/N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination:	
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 60%; text-align: center;"> <p>East Canal</p> </div> </div>	
Inspector: JOHN HIGHSTONE / ANDY LEWIS	Signature: <i>John Highstone</i>

Boom Inspection Form

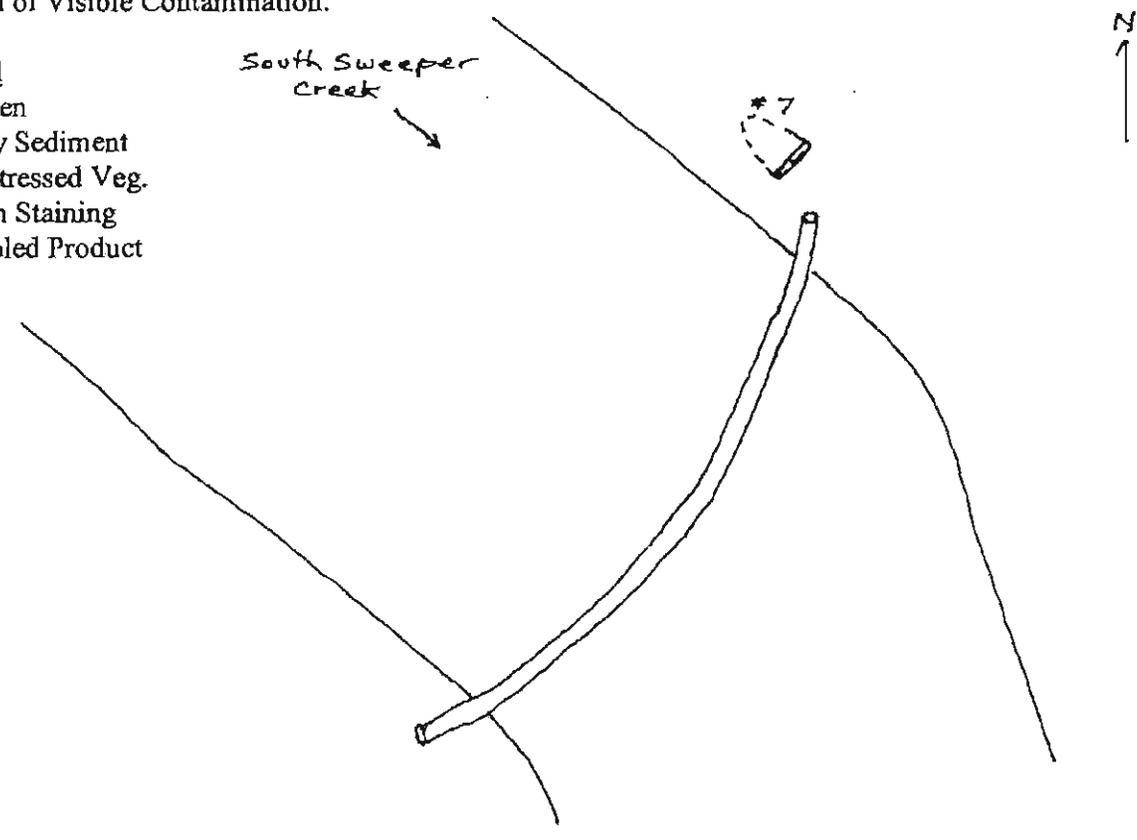
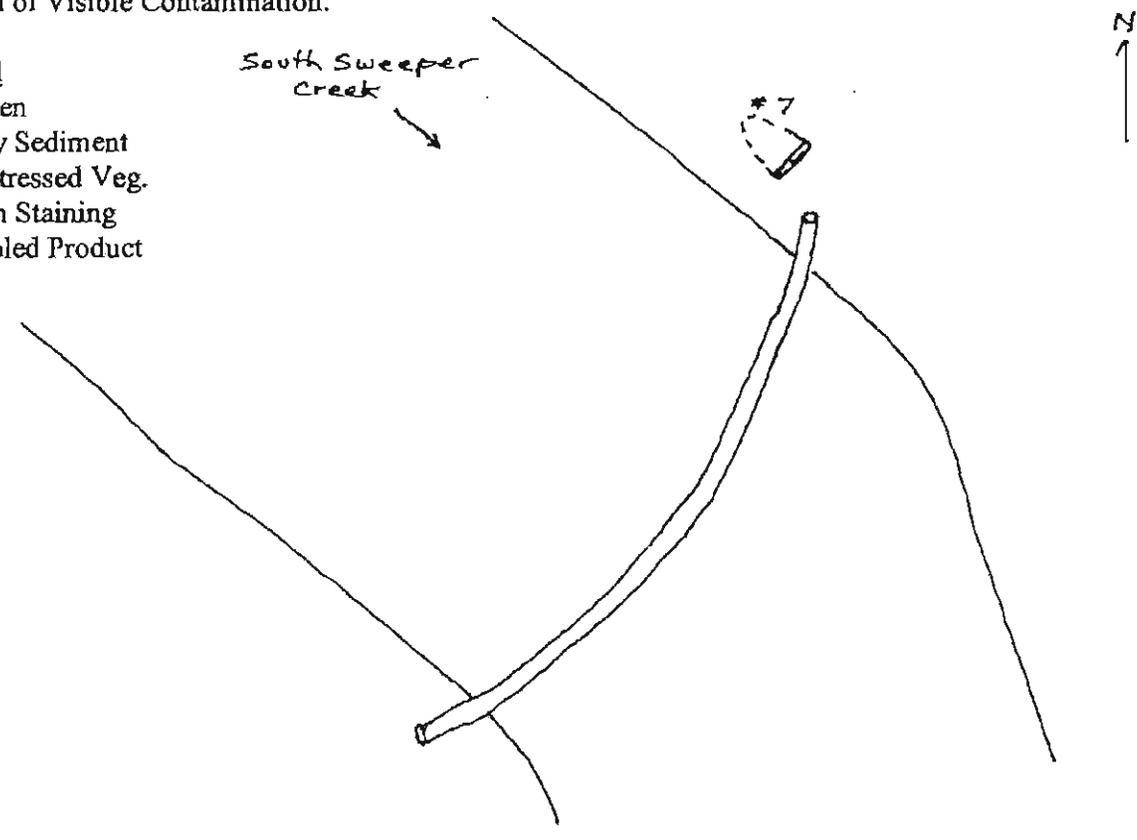
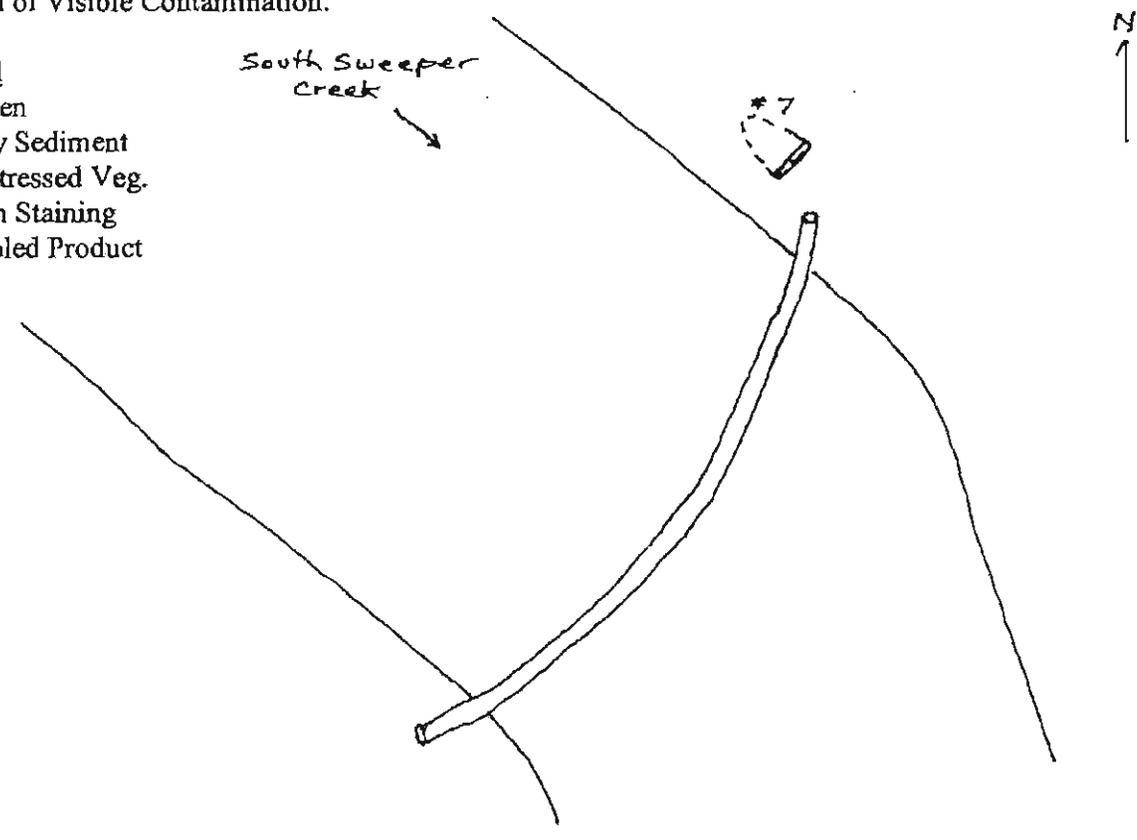
Task Order 43

Boom Location: 4	Time/Date: 16:04 8/1/12
Description of Boom Before Maintenance: UNSATISFACTORY	Photograph (s) Time/Date Stamp: 8/1/12
Boom Repaired (Y/N): Description: BOOM WATERLOGGED, REPLACED ALL THREE SECTIONS	Boom Replaced (Y/N) Number of sections: 3 Description: MOVED NEW BOOM INTO POSITION OVER STAKES
Visual Observations Visible Contamination (Y (N)) Iron Staining (Y (N)) Oily Sediment/Soil (Y (N)) Distressed Vegetation (Y (N))	
Sheen Present on Water (Y (N)) Is the Boom containing the Sheen? (Y / N): Pooled Product (Y (N)) If yes, was product removed with sorbent pads?	
Location of Visible Contamination:	
Legend /// Sheen \\\ Oily Sediment xxx Distressed Veg. RRR Iron Staining ● Pooled Product	↑ West Canal 
Inspector: JOHN HIGGESTONE / ANDY LEWIS	Signature: 

DIKE PUMPS ARE FUNCTIONAL BUT NOT OPERATING AT THIS TIME DUE TO LOW WATER LEVELS.

Boom Inspection Form

Task Order 43

Boom Location: 6	Time/Date: 10:09 8/1/12		
Description of Boom Before Maintenance: UNSATISFACTORY	Photograph (s) Time/Date Stamp: 8/1/12		
Boom Repaired (Y/N): Description: MIDDLE SECTION BAD. REPLACED WITH NEW BOOM	Boom Replaced (Y/N) Number of sections: 1 Description: REPLACED 1 BOOM SECTION AND MOVED BACK INTO POSITION		
Visual Observations <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"> Visible Contamination (Y/N): (N) Iron Staining (Y/N): (N) Oily Sediment/Soil (Y/N): (N) Distressed Vegetation (Y/N): (N) </td> <td style="width: 50%; border: none;"> Sheen Present on Water (Y/N): (N) Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): (N) If yes, was product removed with sorbent pads? </td> </tr> </table>		Visible Contamination (Y/N): (N) Iron Staining (Y/N): (N) Oily Sediment/Soil (Y/N): (N) Distressed Vegetation (Y/N): (N)	Sheen Present on Water (Y/N): (N) Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): (N) If yes, was product removed with sorbent pads?
Visible Contamination (Y/N): (N) Iron Staining (Y/N): (N) Oily Sediment/Soil (Y/N): (N) Distressed Vegetation (Y/N): (N)	Sheen Present on Water (Y/N): (N) Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): (N) If yes, was product removed with sorbent pads?		
Location of Visible Contamination: <table style="width: 100%; border: none;"> <tr> <td style="width: 30%; border: none;"> Legend /// Sheen \\\ Oily Sediment xxx Distressed Veg. RRR Iron Staining ● Pooled Product </td> <td style="width: 70%; border: none; text-align: center;">  <p style="text-align: center;">South Sweeper Creek</p> </td> </tr> </table>		Legend /// Sheen \\\ Oily Sediment xxx Distressed Veg. RRR Iron Staining ● Pooled Product	 <p style="text-align: center;">South Sweeper Creek</p>
Legend /// Sheen \\\ Oily Sediment xxx Distressed Veg. RRR Iron Staining ● Pooled Product	 <p style="text-align: center;">South Sweeper Creek</p>		
Inspector: JOHN MICHAELSTONE ANDY LEWIS	Signature: John A. Light		

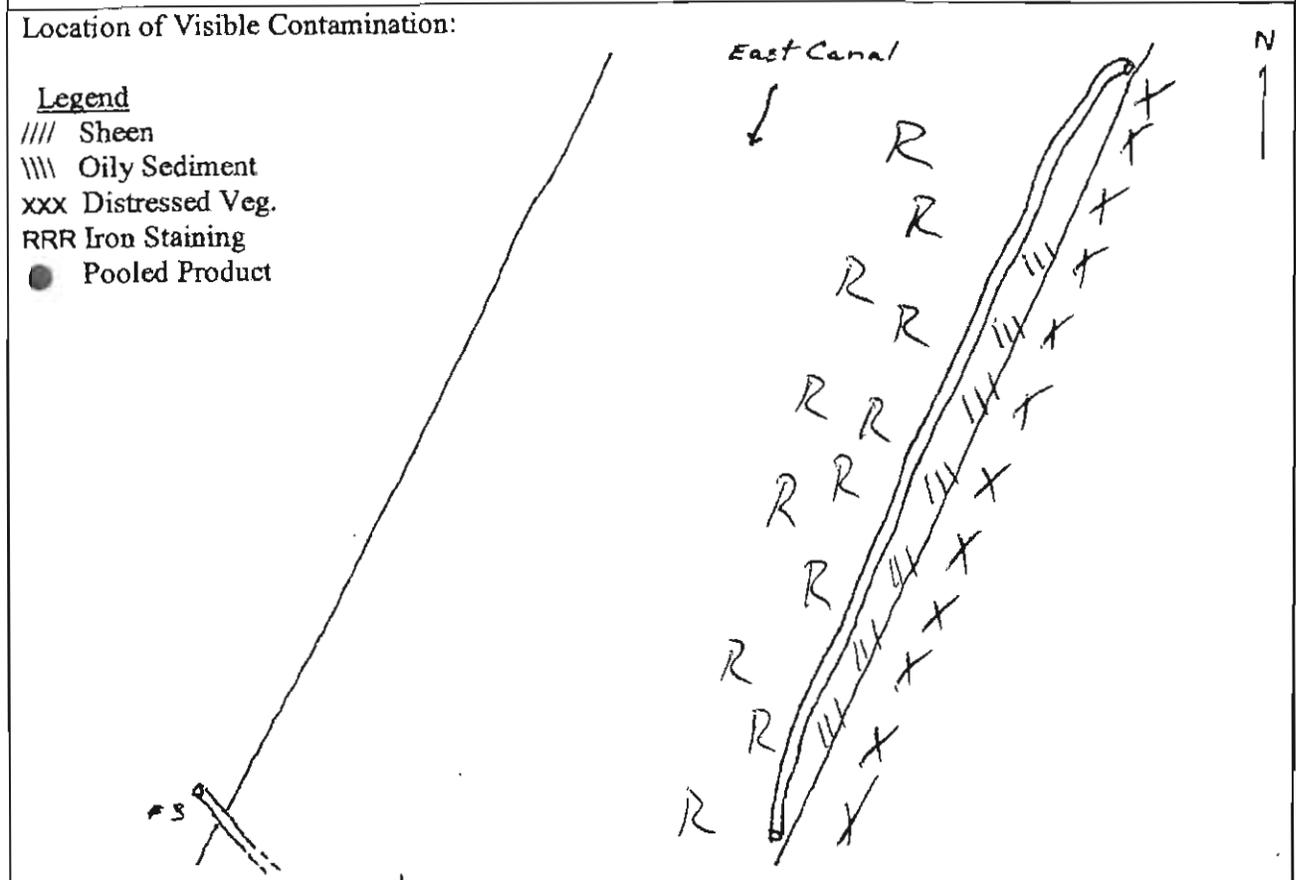


Boom Inspection Form

Task Order 43

Boom Location: 8	Time/Date: 15:52 8/1/12
Description of Boom Before Maintenance: <i>SATISFACTORY</i>	Photograph (s) Time/Date Stamp: 8/1/12
Boom Repaired (Y/N): Description:	Boom Replaced (Y/N) Number of sections: Description:

Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?
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Inspector: JOHN HIGHSTONE ANDY LEWIS	Signature: <i>[Handwritten Signature]</i>
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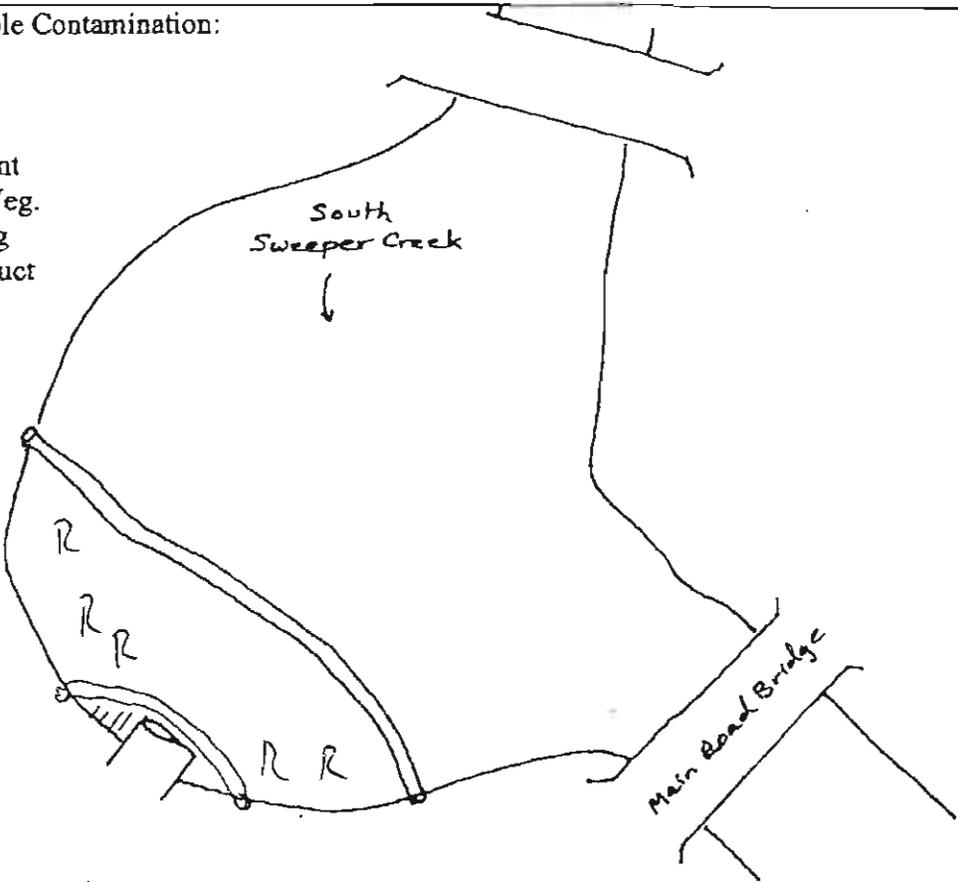
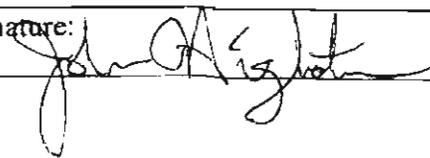
Boom Inspection Form

Task Order 43

Boom Location: 9/12	Time/Date: 15:55 / 15:56 8/1/12
Description of Boom Before Maintenance: UNSATISFACTORY	Photograph (s) Time/Date Stamp: 8/1/12
Boom Repaired (Y/N): (Y) Description: RESTAKED (3) STAKES AND MOVED BOOM BACK INTO POSITION	Boom Replaced (Y/N) Number of Sections: Description:
Visual Observations Visible Contamination (Y/N): (N) Iron Staining (Y/N): (Y) Oily Sediment/Soil (Y/N): (N) Distressed Vegetation (Y/N): (N)	
Sheen Present on Water (Y/N): (N) Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): (N) If yes, was product removed with sorbent pads?	
Location of Visible Contamination:	
Legend /// Sheen \\\ Oily Sediment xxx Distressed Veg. RRR Iron Staining ● Pooled Product	
Inspector: JOHN HIGHSTONE / ANDY LEWIS	Signature:

Boom Inspection Form

Task Order 43

Boom Location: 10	Time/Date: 16:07 - 8/1/12
Description of Boom Before Maintenance: SATISFACTORY	Photograph (s) Time/Date Stamp: 16:07 - 8/1/12
Boom Repaired (Y/N): Description:	Boom Replaced (Y/N): Number of sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination:	
<div style="display: flex; align-items: flex-start;"> <div style="flex: 1;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\\\\\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="flex: 2;">  <p style="text-align: right;">N ↑</p> </div> </div>	
Inspector: JOHN HIGHTSTONE / ANDY LEWIS	Signature: 



Boom Inspection Form

Task Order 43

Boom Location: 11	Time/Date: 15:58 - 8/1/12
Description of Boom Before Maintenance: SATISFACTORY	Photograph (s) Time/Date Stamp: 15:58 - 8/1/12
Boom Repaired (Y/N): (N) Description:	Boom Replaced (Y/N): (N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N): (Y) (N) Iron Staining (Y/N): (Y) (N) Oily Sediment/Soil (Y/N): (Y) (N) Distressed Vegetation (Y/N): (Y) (N)	
Sheen Present on Water (Y/N): (Y) (N) Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): (Y) (N) If yes, was product removed with sorbent pads?	
Location of Visible Contamination:	
<u>Legend</u> /// Sheen \\\ Oily Sediment xxx Distressed Veg. RRR Iron Staining ● Pooled Product	<div style="text-align: center;"> East Canal ↓ </div> <div style="text-align: right; margin-top: 20px;"> ← # 9/12 ↑ N </div>
Inspector: JOHN HIGHSTONE ANDY LEWIS	Signature:



Boom Inspection Form

Task Order 43

Boom Location: 2	Time/Date: 0842 / 8.23.12
Description of Boom Before Maintenance: SATISFACTORY	Photograph (s) Time/Date Stamp: 0842 / 8.23.12
Boom Repaired (Y/N): Description:	Boom Replaced (Y/N) Number of sections: Description:
Visual Observations	
Visible Contamination (Y/N): Iron Staining (Y/N) <input checked="" type="checkbox"/> N Oily Sediment/Soil (Y/N) <input checked="" type="checkbox"/> N Distressed Vegetation (Y/N) <input checked="" type="checkbox"/> N	Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N) <input checked="" type="checkbox"/> N If yes, was product removed with sorbent pads?
Location of Visible Contamination:	
Legend /// Sheen \\\ Oily Sediment xxx Distressed Veg. RRR Iron Staining ● Pooled Product	<div style="text-align: right;"> East Canal </div> <div style="text-align: right;"> N </div> <p>The diagram shows a curved boom structure with several sections. A dashed line indicates a location of pooled product, marked with a circled '8'. The 'East Canal' is labeled with a downward-pointing arrow, and North is indicated by an upward-pointing arrow.</p>
Inspector: JOHN HIGHSTONE	Signature:



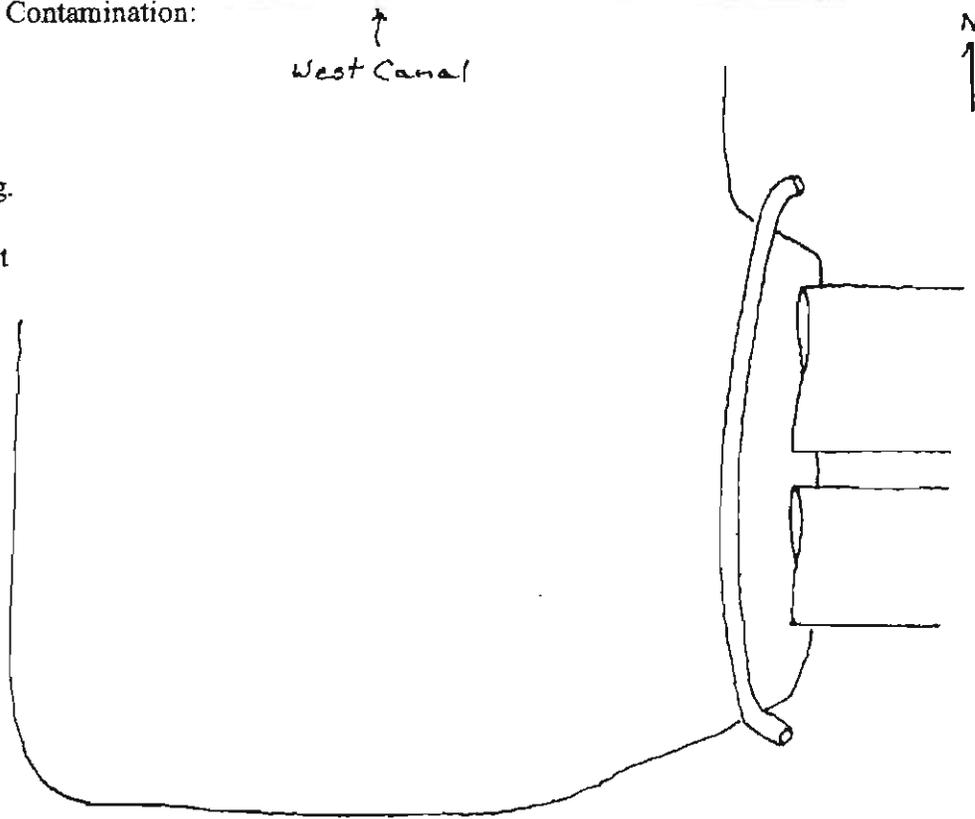
Boom Inspection Form

Task Order 43

Boom Location: 3	Time/Date: 0843 / 8-23-12		
Description of Boom Before Maintenance: <i>SATISFACTORY</i>	Photograph (s) Time/Date Stamp: 0843 / 8-23-12		
Boom Repaired (Y/N) <input checked="" type="radio"/> N Description:	Boom Replaced (Y/N) <input checked="" type="radio"/> N Number of sections: Description:		
<p>Visual Observations</p> <table style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> Visible Contamination (Y/N) <input checked="" type="radio"/> N Iron Staining (Y/N) <input checked="" type="radio"/> N Oily Sediment/Soil (Y/N) <input checked="" type="radio"/> N Distressed Vegetation (Y/N) <input checked="" type="radio"/> N </td> <td style="width: 50%; vertical-align: top;"> Sheen Present on Water (Y/N) <input checked="" type="radio"/> N Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N) <input checked="" type="radio"/> N If yes, was product removed with sorbent pads? </td> </tr> </table>		Visible Contamination (Y/N) <input checked="" type="radio"/> N Iron Staining (Y/N) <input checked="" type="radio"/> N Oily Sediment/Soil (Y/N) <input checked="" type="radio"/> N Distressed Vegetation (Y/N) <input checked="" type="radio"/> N	Sheen Present on Water (Y/N) <input checked="" type="radio"/> N Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N) <input checked="" type="radio"/> N If yes, was product removed with sorbent pads?
Visible Contamination (Y/N) <input checked="" type="radio"/> N Iron Staining (Y/N) <input checked="" type="radio"/> N Oily Sediment/Soil (Y/N) <input checked="" type="radio"/> N Distressed Vegetation (Y/N) <input checked="" type="radio"/> N	Sheen Present on Water (Y/N) <input checked="" type="radio"/> N Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N) <input checked="" type="radio"/> N If yes, was product removed with sorbent pads?		
Location of Visible Contamination: <div style="margin-top: 10px;"> <p><u>Legend</u></p> <ul style="list-style-type: none"> /// Sheen \\ \\ Oily Sediment xxx Distressed Veg. RRR Iron Staining ● Pooled Product </div> <div style="margin-top: 20px;"> </div>			
Inspector: <i>John Highstone</i>	Signature: <i>John Highstone</i>		

Boom Inspection Form

Task Order 43

Boom Location: 4	Time/Date: 0900/8.23.12
Description of Boom Before Maintenance: SATISFACTORY	Photograph (s) Time/Date Stamp: 0900/8.23.12
Boom Repaired (Y/N): Description:	Boom Replaced (Y/N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination:	
Legend /// Sheen \\\ Oily Sediment xxx Distressed Veg. RRR Iron Staining ● Pooled Product	<div style="text-align: center;"> ↑ West Canal </div> <div style="text-align: right;"> N ↑ </div> 
Inspector: JOHN HIGHTSTONE	Signature: John Hightstone

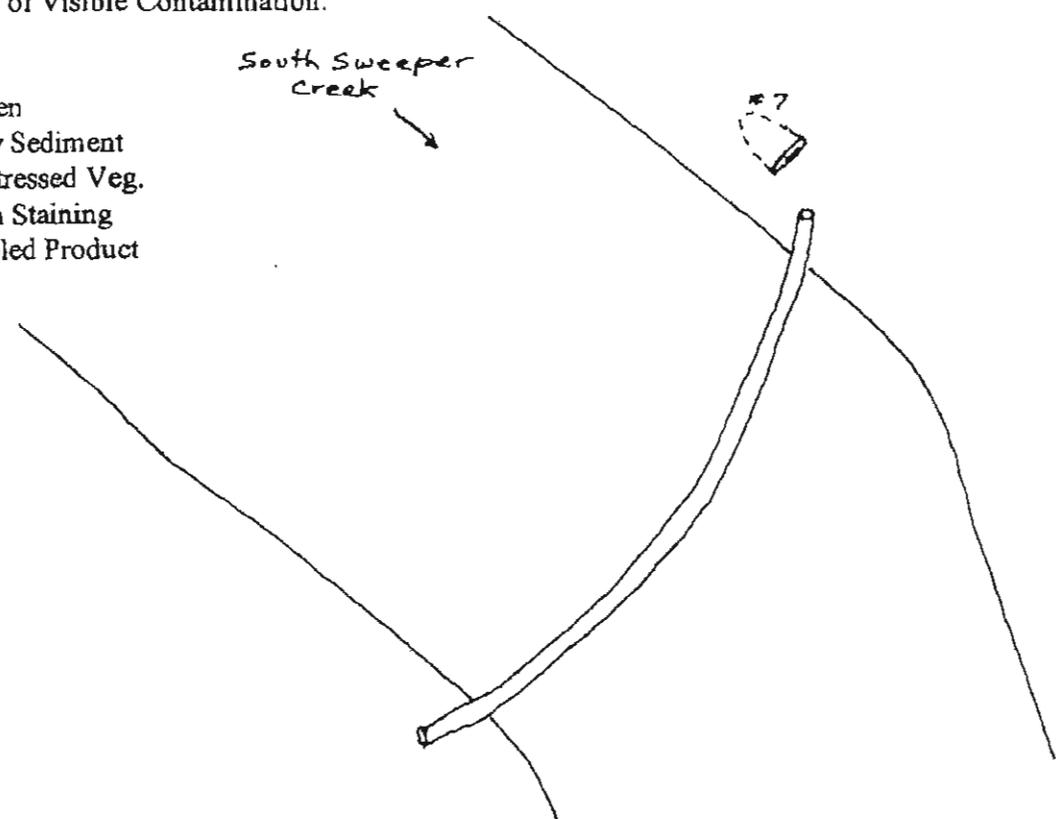
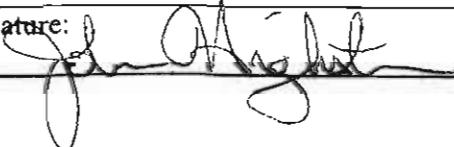
DIKE PUMPS OPERATIONAL AND

OPERATING



Boom Inspection Form

Task Order 43

Boom Location: 6	Time/Date: 0905 / 8.23.12
Description of Boom Before Maintenance: SATISFACTORY	Photograph (s) Time/Date Stamp: 0905 / 8.23.12
Boom Repaired (Y/N): (N) Description:	Boom Replaced (Y/N): (N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N): Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination: <div style="display: flex; justify-content: space-between;"> <div data-bbox="211 934 487 1155"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\\\ Oily Sediment</p> <p>XXX Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div data-bbox="552 913 812 1039"> <p>South Sweeper Creek</p> </div> <div data-bbox="1412 882 1461 1029"> <p>N ↑</p> </div> </div> 	
Inspector: JOHN HIRSHSTONE	Signature: 



SEALASKA ENVIRONMENTAL

Boom Inspection Form

Task Order 43

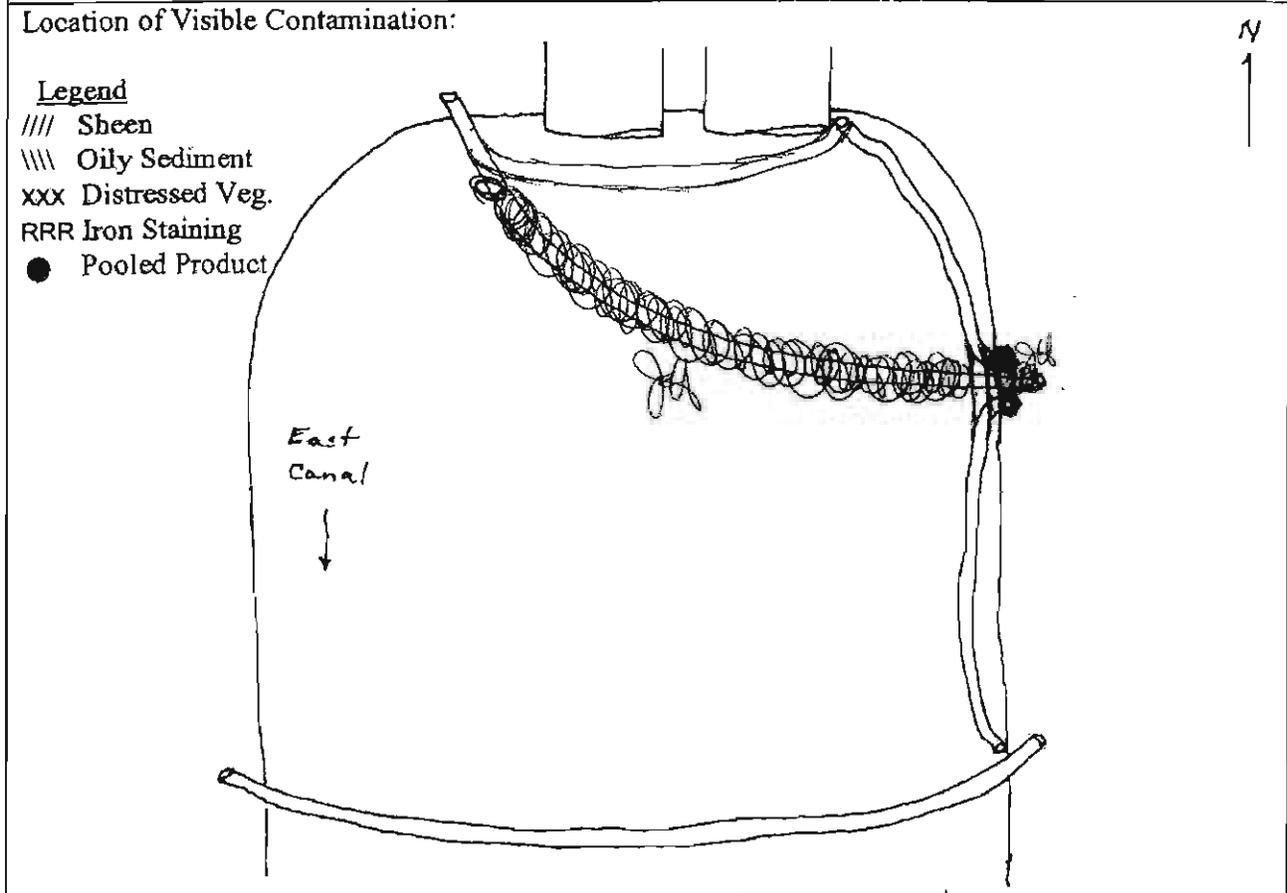
Boom Location: 8	Time/Date: 0843 / 8-23-12
Description of Boom Before Maintenance: SATISFACTORY	Photograph (s) Time/Date Stamp: 0843 / 8-23-12
Boom Repaired (Y/N): <input checked="" type="radio"/> Y <input type="radio"/> N Description:	Boom Replaced (Y/N): <input type="radio"/> Y <input checked="" type="radio"/> N Number of sections: Description:
<p>Visual Observations</p> <p>Visible Contamination (Y/N): <input checked="" type="radio"/> Y <input type="radio"/> N</p> <p>Iron Staining (Y/N): <input checked="" type="radio"/> Y <input type="radio"/> N</p> <p>Oily Sediment/Soil (Y/N): <input checked="" type="radio"/> Y <input type="radio"/> N</p> <p>Distressed Vegetation (Y/N): <input checked="" type="radio"/> Y <input type="radio"/> N</p> <p style="text-align: right;">Sheen Present on Water (Y/N): <input checked="" type="radio"/> Y <input type="radio"/> N</p> <p style="text-align: right;">Is the Boom containing the Sheen? (Y/N): <input type="radio"/> Y <input checked="" type="radio"/> N</p> <p style="text-align: right;">Pooled Product (Y/N): <input checked="" type="radio"/> Y <input type="radio"/> N</p> <p style="text-align: right;">If yes, was product removed with sorbent pads?</p>	
<p>Location of Visible Contamination:</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p><u>Legend</u></p> <p>/// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 50%;"> </div> </div>	
Inspector:	Signature:

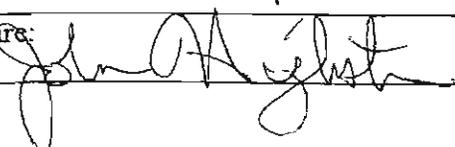
Boom Inspection Form

Task Order 43

Boom Location: 9/12	Time/Date: 0850 / 8-23-12
Description of Boom Before Maintenance: SATISFACTORY	Photograph (s) Time/Date Stamp: 0850 / 8-23-12
Boom Repaired (Y/N): (N) Description:	Boom Replaced (Y/N): (N) Number of Sections: Description:

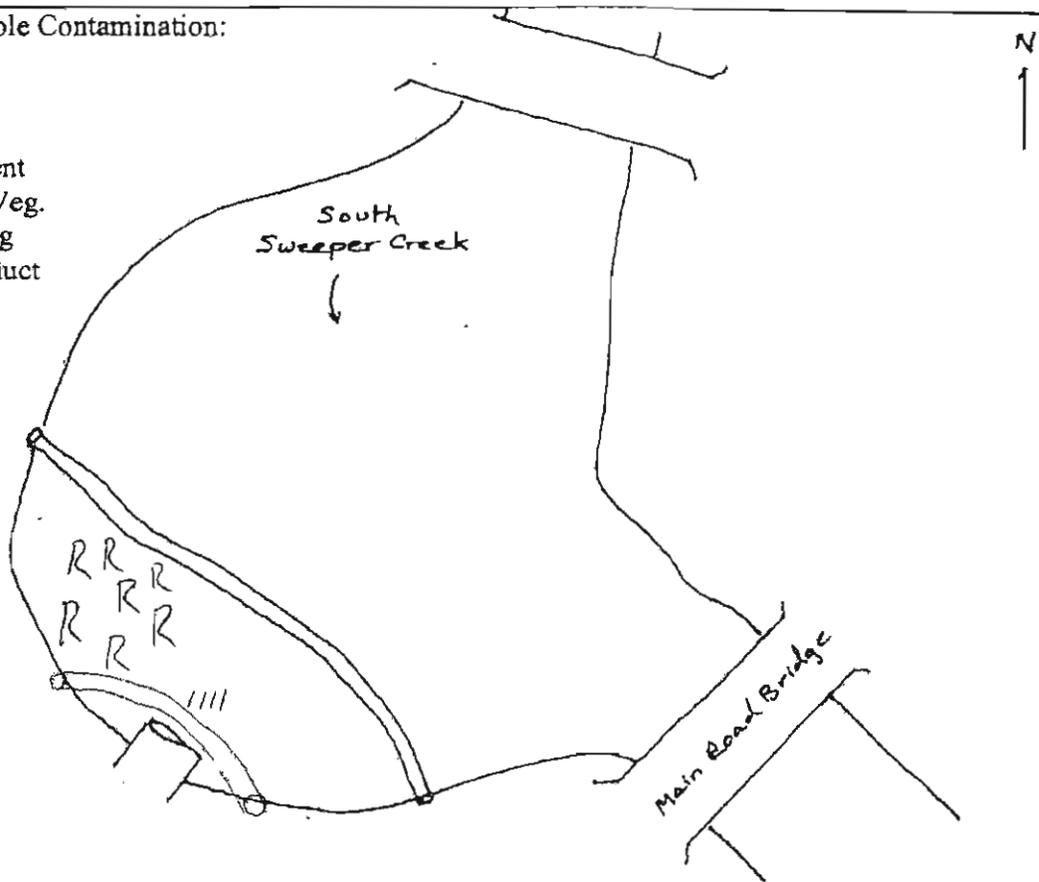
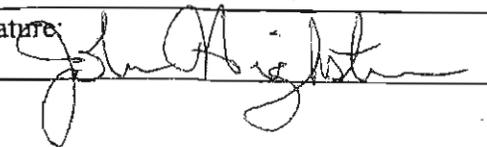
Visual Observations	
Visible Contamination (Y/N): (N) Iron Staining (Y/N): (N) Oily Sediment/Soil (Y/N): (N) Distressed Vegetation (Y/N): (N)	Sheen Present on Water (Y/N): (N) Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): (N) If yes, was product removed with sorbent pads?



Inspector: JOHN HIGASTONE	Signature: 
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Boom Inspection Form

Task Order 43

Boom Location: 10	Time/Date: <u>0903/8.23.12</u>
Description of Boom Before Maintenance: <u>SATISFACTORY</u>	Photograph (s) Time/Date Stamp: <u>0903/8.23.12</u>
Boom Repaired (Y/N) <u>(N)</u> Description:	Boom Replaced (Y/N) <u>(N)</u> Number of sections: Description:
Visual Observations Visible Contamination (Y/N): <u>(Y)</u> Iron Staining (Y/N): <u>(Y)</u> Oily Sediment/Soil (Y/N): <u>(N)</u> Distressed Vegetation (Y/N): <u>(N)</u> Sheen Present on Water (Y/N): <u>(Y)</u> Is the Boom containing the Sheen? (Y/N): <u>(Y)</u> Pooled Product (Y/N): <u>(N)</u> If yes, was product removed with sorbent pads?	
Location of Visible Contamination:	
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\\\\\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 60%; text-align: center;">  </div> </div>	
Inspector: <u>JOHN HIGHSTONE</u>	Signature: 



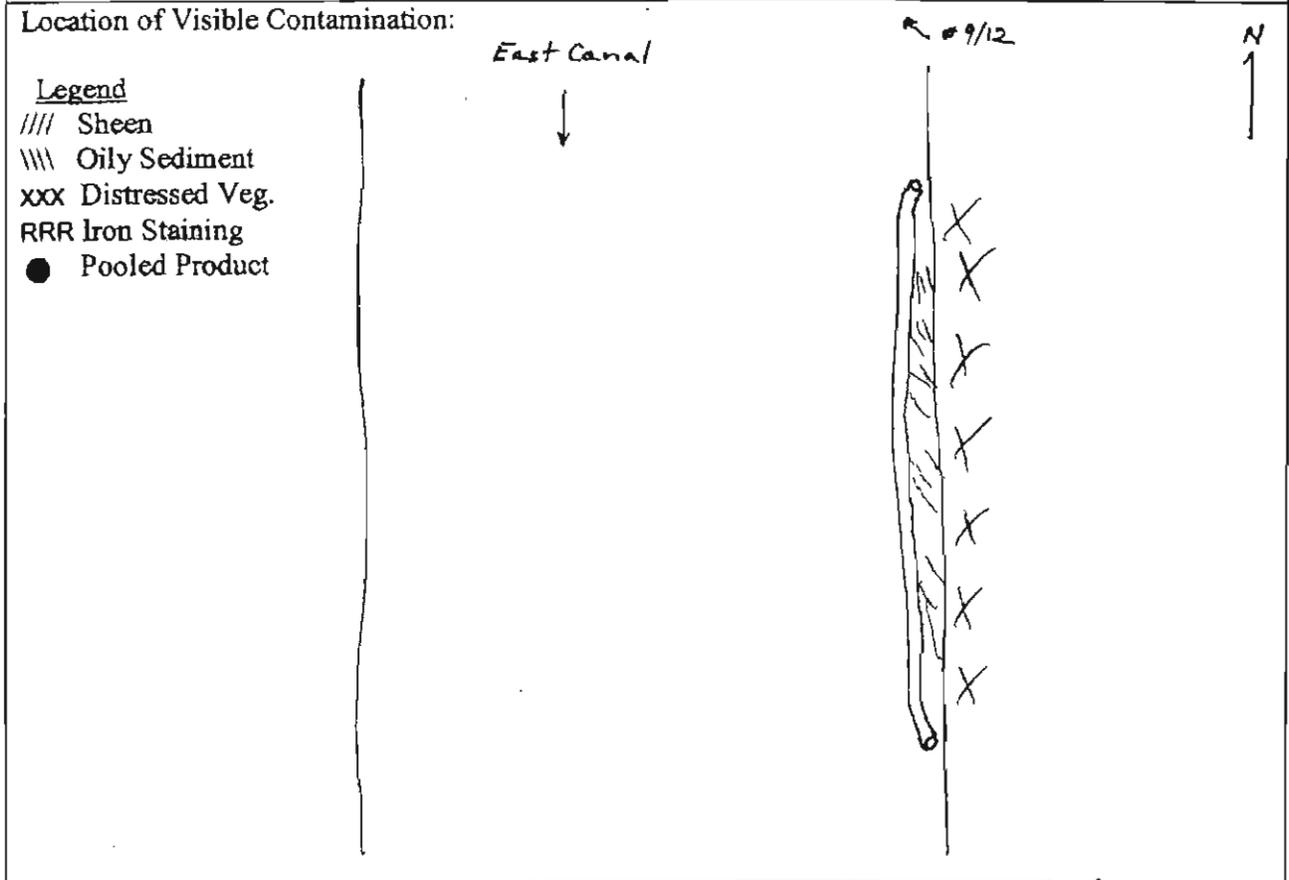
Boom Inspection Form

Task Order 43

Boom Location: 11	Time/Date: 0852 8.23.12
Description of Boom Before Maintenance: SATISFACTORY	Photograph (s) Time/Date Stamp: 0852 8.23.12
Boom Repaired (Y/N): Description:	Boom Replaced (Y/N) Number of sections: Description:

Visual Observations

Visible Contamination (Y/N):	Sheen Present on Water (Y/N):
Iron Staining (Y/N):	Is the Boom containing the Sheen? (Y/N):
Oily Sediment/Soil (Y/N):	Pooled Product (Y/N):
Distressed Vegetation (Y/N):	If yes, was product removed with sorbent pads?



Inspector: JOHN HIGHSTONE	Signature: [Handwritten Signature]
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SWMU 62, NEW HOUSING FUEL LEAK

NAME: JOHN HIGHSTONE | ANDY LEWIS

Month/Year: September 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
MW-303-14	9.3.12	22.57	N/A	N/A	N/A	NO PRODUCT
MW-303-12	9.3.12	21.52	N/A	N/A	N/A	NO PRODUCT
RW-303-4	9.3.12	22.22	N/A	N/A	N/A	NO PRODUCT
HMW-303-3	9.3.12	27.94	27.92	.02	IS	
RW-303-7	9.3.12	22.86	N/A	N/A	N/A	NO PRODUCT
HMW-303-2	9.3.12	26.98	N/A	N/A	N/A	SHEEN <.01
03-101	9.3.12	24.11	22.63	1.48 ?	IC	* WILL RECHECK 9/4. INTERPAC PROBE POSSIBLY MALFUNCTIONING.
HMW-303-11	9.3.12	26.78 ³	N/A	N/A	N/A	SHEEN <.01
03-518	9.3.12	27.23	N/A	N/A	N/A	SHEEN <.01
MW-15	9.3.12	17.93	17.89	.04	IS	
03-102	9.3.12	14.29	N/A	N/A	N/A	SHEEN <.01
HMW-303-9	9.3.12	26.38	N/A	N/A	N/A	NO PRODUCT
RW-303-15	9.3.12	27.73	27.71	.02	IS	
RW-303-13	9.3.12	6.72	N/A	N/A	N/A	NO PRODUCT
SWMU62-R6	9.3.12	6.55	N/A	N/A	N/A	SHEEN <.01
SWMU62-R5	9.3.12	6.17	6.13	.04	CHS	
SWMU62-R4	9.3.12	6.47	6.38	.09	C	.55 L RECOVERED
SWMU62-R3	9.3.12	6.68	6.58	.10	C	REMOVED SKIMMER AND PUT IN CANNISTER, .04 L RECOVERED
SWMU62-R2	9.3.12	6.86	N/A	N/A	N/A	SHEEN <.01
SWMU62-R1	9.3.12	7.09	7.06	.03	IS	
MRP-MW3	9.3.12	8.18	N/A	N/A	N/A	NO PRODUCT

Notes:
 C = Cannister kept in use.
 IC = Installed cannister
 IS = Installed sock

NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Replaced sock

.59 L RECOVERED FOR DAY

SWMU 62, NEW HOUSING FUEL LEAK

NAME: JOHN HIGHSTONE

Month/Year: SEPTEMBER 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
MW-303-14						
MW-303-12						
RW-303-4						
HMW-303-3						
RW-303-7						
HMW-303-2						
03-101	9.4.12	22.54	N/A	N/A	RC	5.01
HMW-303-11						
03-518						
MW-15						
03-102						
HMW-303-9						
RW-303-15						
RW-303-13						
SWMU62-R6						
SWMU62-R5						
SWMU62-R4	9.4.12	6.61	6.22	.39	C	.16L RECOVERED
SWMU62-R3	9.4.12	6.54	6.43	.11	C	.07L RECOVERED
SWMU62-R2						
SWMU62-R1						
MRP-MW3						

PREVIOUS DAY (9.3.12) READS OFF DUE TO FAULTY PROBE. SWAPPED PROBES AND GOT ACCURATE READINGS.

Notes:
 C = Cannister kept in use
 IC = Installed cannister
 IS = Installed sock

NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Replaced sock

.23L RECOVERED TOTAL FOR DAY

SWMU 62, NEW HOUSING FUEL LEAK

NAME: JOHN HIGSTONE

Month/Year: SEPTEMBER 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
MW-303-14						
MW-303-12						
RW-303-4						
HMW-303-3						
RW-303-7						
HMW-303-2						
03-101						
HMW-303-11						
03-518						
MW-15						
03-102						
HMW-303-9						
RW-303-15						
RW-303-13						
SWMU62-R6						
SWMU62-R5						
SWMU62-R4	9.5.12	6.36	6.25	.11	C	.19L RECOVER
SWMU62-R3	9.5.12	6.59	6.48	.11	C	.05L RECOVER
SWMU62-R2						
SWMU62-R1						
MRP-MW3						

Notes
 C = Cannister kept in use.
 IC = Installed cannister
 IS = Installed sock

NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Replaced sock

.24 L RECOVERED TOTAL FOR DAY

SWMU 62, NEW HOUSING FUEL LEAK

NAME: JOHN HIGHSTONE

Month/Year: SEPTEMBER 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
MW-303-14						
MW-303-12						
RW-303-4						
HMW-303-3						
RW-303-7						
HMW-303-2						
03-101						
HMW-303-11						
03-518						
MW-15						
03-102						
HMW-303-9						
RW-303-15						
RW-303-13						
SWMU62-R6						
SWMU62-R5						
SWMU62-R4	9.6.12	6.72	6.35	.37	C	.13 L RECOVER
SWMU62-R3	9.6.12	6.97	6.55	.42	C	.58 L RECOVER
SWMU62-R2						
SWMU62-R1						
MRP-MW3						

* SWAP CANNISTER W/ SKIMMER

Notes:
 C = Cannister kept in use.
 IC = Installed cannister
 IS = Installed sock

NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Replaced sock

.71 RECOVERED TOTAL FOR DAY

SWMU 62, NEW HOUSING FUEL LEAK

NAME: JOHN HIGHSTONE / SCOTT ELKIND

Month/Year: SEPTEMBER 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
MW-303-14						
MW-303-12						
RW-303-4						
HMW-303-3						
RW-303-7						
HMW-303-2						
03-101						
HMW-303-11						
03-518						
MW-15						
03-102						
HMW-303-9						
RW-303-15						
RW-303-13						
SWMU62-R6						
SWMU62-R5						
SWMU62-R4	9.7.12	6.75	6.65	.10	C	.52L RECOVERED
SWMU62-R3	9.7.12	6.54	6.43	.11	C	.03L RECOVERED
SWMU62-R2						
SWMU62-R1						
MRP-MW3						

Notes
 C = Cannister kept in use.
 IC = Installed cannister
 IS = Installed sock

NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Replaced sock

.55L RECOVERED TOTAL FOR DAY

SWMU 62, NEW HOUSING FUEL LEAK

NAME: JOHN HIGGASTONE / BETH KERCHER

Month/Year: SEPTEMBER 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
MW-303-14						
MW-303-12						
RW-303-4						
HMW-303-3						
RW-303-7						
HMW-303-2						
03-101						
HMW-303-11						
03-518						
MW-15						
03-102						
HMW-303-9						
RW-303-15						
RW-303-13						
SWMU62-R6						
SWMU62-R5						
SWMU62-R4	9.8.12	6.48	6.41	.07	C	.02 RECOVER
SWMU62-R3	9.8.12	6.72	6.61	.11	C	.03 RECOVER
SWMU62-R2						
SWMU62-R1						
MRP-MW3						

Notes:
 C = Cannister kept in use.
 IC = Installed cannister
 IS = Installed sock

NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Replaced sock

.05 RECOVERED TOTAL FOR DAY

SWMU 62, NEW HOUSING FUEL LEAK

NAME: JOHN HIGHSTONE

Month/Year: SEPTEMBER 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
MW-303-14						
MW-303-12						
RW-303-4						
HMW-303-3						
RW 303-7						
HMW-303-2						
03 101						
HMW-303-11						
03 518						
MW-15						
03-102						
HMW-303-9						
RW-303-15						
RW-303-13						
SWMU62-R6						
SWMU62-R5						
SWMU62-R4	9.9.12	6.48	6.41	.07	C	.05L RECOVERED
SWMU62-R3	9.9.12	6.72	6.61	.11	C	.60L RECOVERED
SWMU62-R2						
SWMU62-R1						
MRP-MW3						

Notes:
 C = Cannister kept in use.
 IC = Installed cannister
 IS = Installed sock

NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Replaced sock

.65L RECOVERED FOR DAY

Other Wells

NAME: JOHN HIGHSTONE | ANDY LEWIS

Month/Year: SEPTEMBER 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Site	Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/ Maintenance	Notes
NMCB	02-815	9.3.12	13.60	13.58	.02	CHS	
	02-300	9.3.12	9.39	9.25	.14	RS, IC	
	02-463	9.3.12	9.16	N/A	N/A	N/A	
	NMCB-10	9.3.12	10.48	10.32	.16	RS, IC	
	02-497	9.3.12	6.51	6.39	.12	IS	
	NMCB-07	9.3.12	9.51	9.07	.44	IC	
	02-818	9.3.12	8.83	8.80	.03	IS	
SA 80	04-157	9.3.12	18.07	18.04	.03	IS	
	04-158	9.3.12	18.64	N/A	N/A	N/A	SHEEN <.01
	04-173	9.3.12	14.51	N/A	N/A	N/A	SHEEN <.01
SWMU 58	12-203	9.3.12	12.05	N/A	N/A	N/A	SHEEN <.01
SWMU 60	652	9.3.12	9.35	N/A	N/A	RS	
	653	9.3.12	11.63	N/A	N/A	RS	

Notes:

- C = Cannister kept in use
- IC = Installed cannister
- IS = Installed sock

- NP = No product observed
- RC = Removed cannister
- RS = Removed sock
- CHS = Changed sock

Other Wells

NAME: JOHN HIGHSTONE

Month/Year: SEPTEMBER 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Site	Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
NMCB	02-815						
	02-300	9.4.12	9.08'	8.96	.12	C	.03 L RECOVER
	02-463						
	NMCB-10	9.4.12	10.07	N/A	N/A	RC	SHOCK, 01 - .11 L RECOVER
	02-497						
	NMCB-07	9.4.12	9.00	8.89	.11	C	.02 L RECOVER
	02-818						
SA 80	04-157						
	04-158						
	04-173						
SWMU 58	12-203						
SWMU 60	652						
	653						

Notes:
 C = Cannister kept in use
 IC = Installed cannister
 IS = Installed sock

NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Changed sock

.16 L RECOVERED TOTAL FOR DAY

Other Wells

NAME: JOHN HIGHSTONE

Month/Year: SEPTEMBER 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Site	Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
NMCB	02-815						
	02-300	9.5.12	9.52	9.49	.03	RC, IS	.04L RECOVER
	02-463						
	NMCB-10						
	02-497	9.5.12					
	NMCB-07	9.4.12	9.43	9.36	.07	RC, IS	.04L RECOVER
	02-818						
SA 80	04-157						
	04-158						
	04-173						
SWMU 58	12-203						
SWMU 60	652						
	653						

* INSTALLED 2 SOCKS DUE TO WELL BEING 4" *

Notes
 C = Cannister kept in use
 IC = Installed cannister
 IS = Installed sock

NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Changed sock

.08L RECOVERED TOTAL FOR DAY



Boom Inspection Form

Task Order 43

Boom Location: 2	Time/Date: 1000 / 9.6.12
Description of Boom Before Maintenance. SATISFACTORY	Photograph (s) Time/Date Stamp: 1000 / 9.6.12
Boom Repaired (Y <input checked="" type="radio"/> N <input type="radio"/>) Description:	Boom Replaced (Y <input checked="" type="radio"/> N <input type="radio"/>) Number of sections: Description:
Visual Observations Visible Contamination (Y <input checked="" type="radio"/> N <input type="radio"/>): Iron Staining (Y <input checked="" type="radio"/> N <input type="radio"/>): Oily Sediment/Soil (Y <input checked="" type="radio"/> N <input type="radio"/>): Distressed Vegetation (Y <input checked="" type="radio"/> N <input type="radio"/>):	
Sheen Present on Water (Y <input checked="" type="radio"/> N <input type="radio"/>): Is the Boom containing the Sheen? (Y / N): Pooled Product (Y <input checked="" type="radio"/> N <input type="radio"/>): If yes, was product removed with sorbent pads?	
Location of Visible Contamination:	
Legend /// Sheen \\\ Oily Sediment xxx Distressed Veg. RRR Iron Staining ● Pooled Product	<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="font-size: 1.5em;"> R R R </div> <div style="text-align: center;"> East Canal ↓ </div> <div style="font-size: 1.5em;"> N ↑ </div> </div>
Inspector: John Highstone	Signature: John Highstone



Boom Inspection Form

Task Order 43

Boom Location: 3	Time/Date: 1003 / 9.6.12
Description of Boom Before Maintenance: SATISFACTORY	Photograph (s) Time/Date Stamp: 9.4.12 1003 / 9.6.12
Boom Repaired (Y/N): (N) Description:	Boom Replaced (Y/N): (N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N): (N) Iron Staining (Y/N): (N) Oily Sediment/Soil (Y/N): (N) Distressed Vegetation (Y/N): (N)	
Sheen Present on Water (Y/N): (N) Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination: <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>Legend</p> <p>//// Sheen</p> <p> Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 60%; text-align: center;"> <p>East Canal</p> </div> </div>	
Inspector: JOHN HIGGSTONE	Signature:



Boom Inspection Form

Task Order 43

Boom Location: 4	Time/Date: 1020/9-6-12
Description of Boom Before Maintenance: SATISFACTORY	Photograph (s) Time/Date Stamp: 1020/9-6-12
Boom Repaired (Y/N): (N) Description:	Boom Replaced (Y/N): (N) Number of sections: Description:

Visual Observations

Visible Contamination (Y/N): (N)
 Iron Staining (Y/N): (N)
 Oily Sediment/Soil (Y/N): (N)
 Distressed Vegetation (Y/N): (N)

Sheen Present on Water (Y/N): (N)
 Is the Boom containing the Sheen? (Y/N):
 Pooled Product (Y/N): (N)
 If yes, was product removed with sorbent pads?

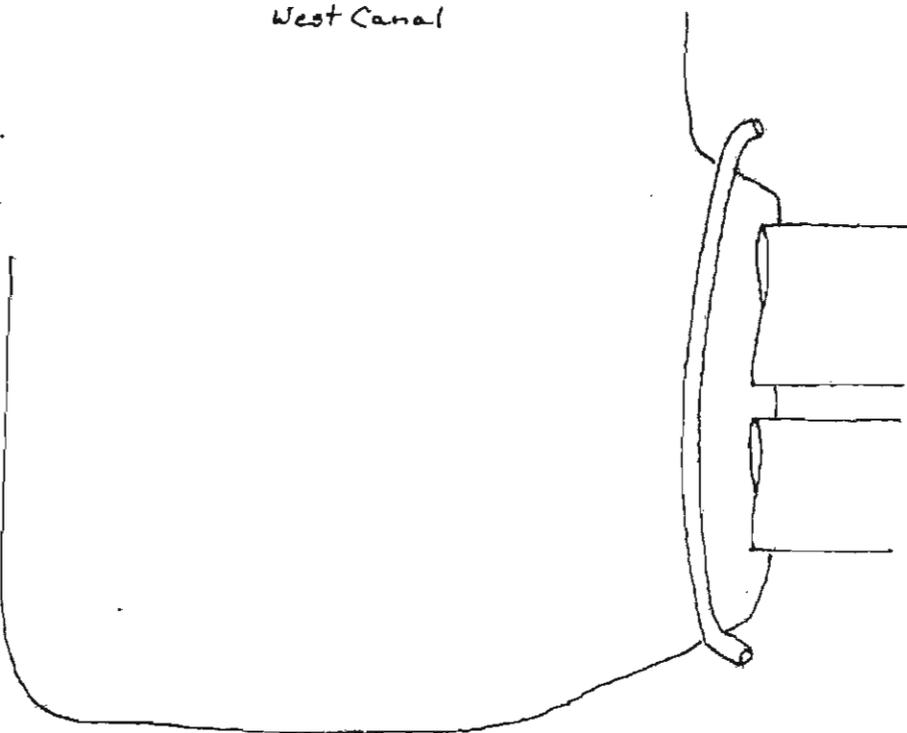
Location of Visible Contamination:

Legend

- //// Sheen
- \\ \\ Oily Sediment
- xxx Distressed Veg.
- RRR Iron Staining
- Pooled Product

↑
West Canal

N
↑



Inspector: JOHN HIGSTONE
 DIKE PUMPS OPERATIONAL

Signature: *[Handwritten Signature]*



Boom Inspection Form

Task Order 43

Boom Location: 6	Time/Date: 1032 / 9.6.12
Description of Boom Before Maintenance: SATISFACTORY	Photograph (s) Time/Date Stamp: 1032 / 9.6.12
Boom Repaired (Y/N): (N) Description:	Boom Replaced (Y/N): (N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N): (N) Iron Staining (Y/N): (N) Oily Sediment/Soil (Y/N): (N) Distressed Vegetation (Y/N): (N)	
Sheen Present on Water (Y/N): (N) Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): (N) If yes, was product removed with sorbent pads?	
Location of Visible Contamination: <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 60%; text-align: center;"> <p>South Sweeper Creek</p> </div> </div>	
Inspector: JOHN HIGHSTONE	Signature: <i>John Highstone</i>

Boom Inspection Form

Task Order 43

Boom Location: 8	Time/Date: 1002 / 9.6.12
Description of Boom Before Maintenance: SATISFACTORY	Photograph (s) Time/Date Stamp: 1002 / 9.6.12
Boom Repaired (Y/N): Description:	Boom Replaced (Y/N) Number of sections: Description:

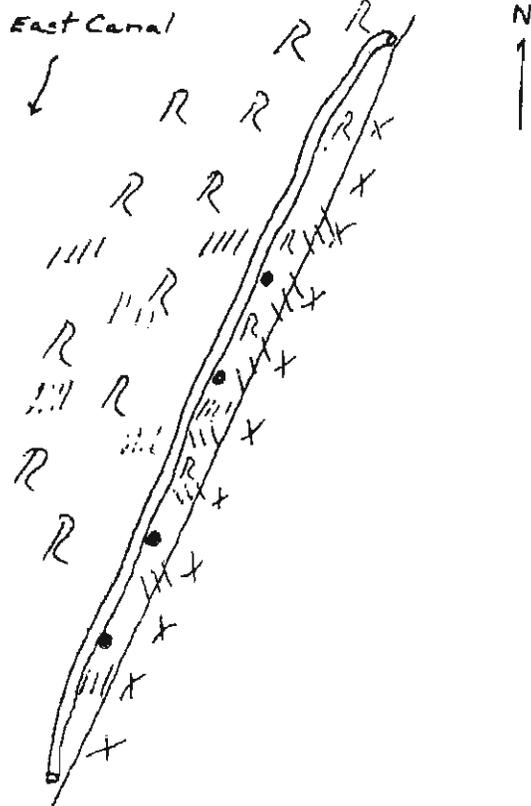
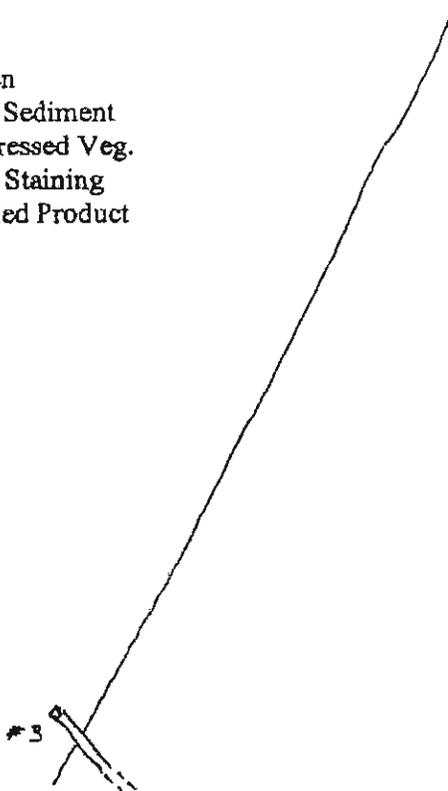
Visual Observations

Visible Contamination (Y/N):
Iron Staining (Y/N):
Oily Sediment/Soil (Y/N):
Distressed Vegetation (Y/N):

Sheen Present on Water (Y/N):
Is the Boom containing the Sheen? (Y/N):
Pooled Product (Y/N):
If yes, was product removed with sorbent pads?
SOAKED UP (2) ABSORB PADS

Location of Visible Contamination:

- Legend
- //// Sheen
 - |||| Oily Sediment
 - xxx Distressed Veg.
 - RRR Iron Staining
 - Pooled Product

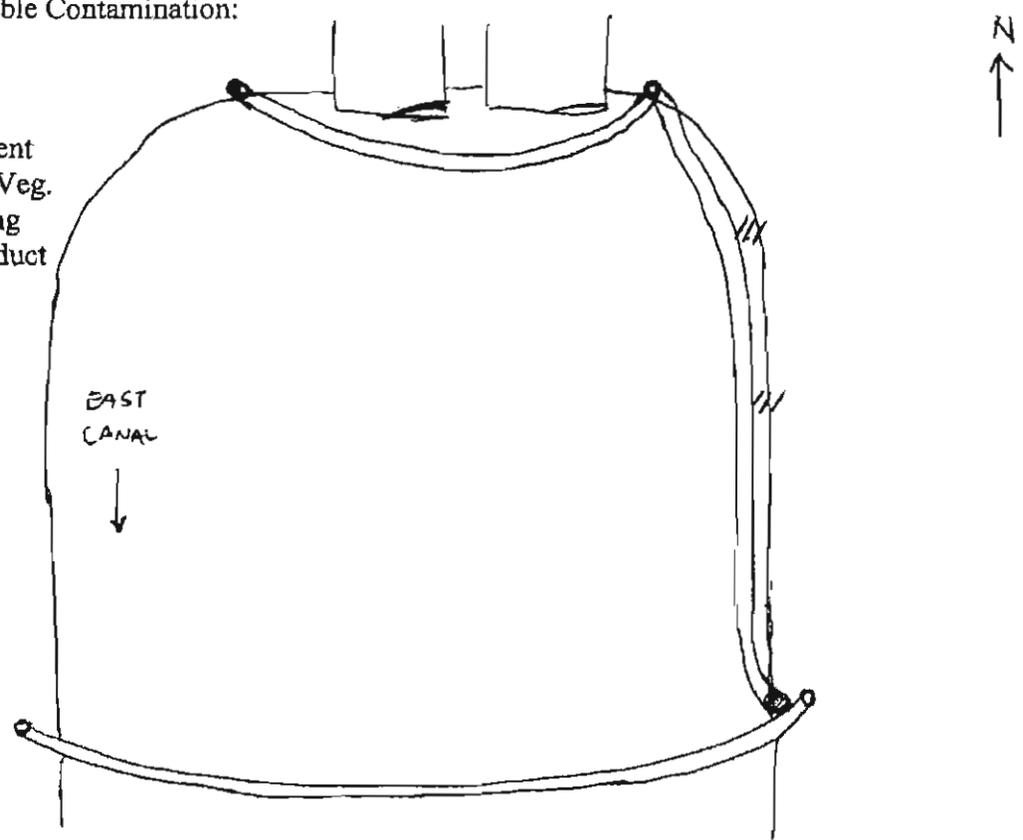
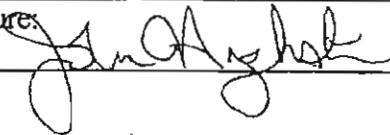


Inspector: John HIGGSTONE

Signature: John Higgstone

Boom Inspection Form

Task Order 43

Boom Location: 9/12	Time/Date: 1010 / 9.6.12
Description of Boom Before Maintenance: SATISFACTORY	Photograph (s) Time/Date Stamp: 1010 / 9.6.12
Boom Repaired (Y/N): Description:	Boom Replaced (Y/N) Number of Sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N): Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination: <div style="display: flex; align-items: flex-start;"> <div style="flex: 1;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="flex: 2;">  </div> </div>	
Inspector: JOHN HIGKSTONE	Signature: 



Boom Inspection Form

Task Order 43

Boom Location: 10	Time/Date: 10:26 / 9.6.12
Description of Boom Before Maintenance: SATISFACTORY	Photograph (s) Time/Date Stamp: 1026 / 9.6.12
Boom Repaired (Y (N)) Description:	Boom Replaced (Y (N)) Number of sections: Description:
Visual Observations Visible Contamination (Y) (N): Iron Staining (Y) (N): Oily Sediment/Soil (Y) (N): Distressed Vegetation (Y) (N):	
Sheen Present on Water (Y) (N): Is the Boom containing the Sheen? (Y) (N): Pooled Product (Y) (N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination:	
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p> Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 65%; text-align: center;"> <p style="text-align: right; margin-right: 20px;">N ↑</p> </div> </div>	
Inspector: JOHN HIGHSTONE	Signature: <i>John Highstone</i>



Boom Inspection Form

Task Order 43

Boom Location: 11	Time/Date: 1012/9.6.12
Description of Boom Before Maintenance: SATISFACTORY	Photograph (s) Time/Date Stamp: 1012/9.6.12
Boom Repaired (Y/N): Description: MOVED BACK INTO POSITION	Boom Replaced (Y/N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination:	
<u>Legend</u> /// Sheen \\\ Oily Sediment xxx Distressed Veg. RRR Iron Staining ● Pooled Product	<div style="text-align: center;"> <p>East Canal</p> <p>↓</p> </div> <div style="text-align: right;"> <p>← #9/12</p> <p>↑ N</p> </div>
Inspector: JOHN HIGSTONE	Signature: <i>John Higstone</i>

SOUTH OF RUNWAY 18/36 AREA

NAME: Dwight Johnson

Month/Year: October 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/ Maintenance	Notes
E-215	10-10-11	13.93				
RW-18/36-01		9.73				
E-216		16.19	16.15	.04	CHS	
RW-18/36-04		14.05			RS	
E-217		15.54				
02-231		14.76				
Z3-2		9.96				
18/36-R8		14.40				
18/36-R7		13.79				
18/36-R6		11.22			RS	
18/36-R5		10.08				
18/36-R4		9.89				
18/36-R3		8.22				
18/36-R2		8.04				
18/36-R1		7.50				
E-209		6.35				
E-207	10-10-11	9.73				

Notes: NP = No product observed
 C = Cannister kept in use RC = Removed cannister
 IC = Installed cannister RS = Removed sock
 IS = Installed sock CHS = Changed sock

SWMU 62, NEW HOUSING FUEL LEAK

NAME: Dwight Johnson

Month/Year: October 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
MW-303-10	10-10-11	23.54				
MW-303-8		23.19				
MW-303-12		21.85				
RW-303-4		22.56				
03-101		22.92			RS	
HMW-303-11		27.02				
03-518		27.53				
MW-15		18.63	18.06	53.57	IS	Diff 11-9-11
03-102		14.56			RS	
HMW-303-9		25.08 (S)	← 26.45			
RW-303-15		28.01				
RW-303-13		7.04			RS	
SWMU62-R6		6.75				
SWMU62-R5		6.38	6.33	.05	IS	
SWMU62-R4		6.65	6.58	.07	C	.60
SWMU62-R3		6.88	6.78	.10	C	.60
SWMU62-R2		7.02				
SWMU62-R1		7.71				
MRP-MW3	10-10-11	3.78				

Notes:

C = Cannister kept in use.

IC = Installed cannister

IS = Installed sock

NP = No product observed

RC = Removed cannister

RS = Removed sock

CHS = Replaced sock

SWMU 62, NEW HOUSING FUEL LEAK

NAME: Dwight Johnson

Month/Year: October 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
MW-303-10						
MW-303-8						
MW-303-12						
RW-303-4						
03-101						
HMW-303-11						
03-518						
MW-15	10-11-11	18.29	17.91	.38	Boiler	.36
03-102						
HMW-303-9						
RW-303-15						
RW-303-13						
SWMU62-R6						
SWMU62-R5						
SWMU62-R4	10-11-11	6.35	6.29	.06	C	.60
SWMU62-R3	10-11-11	6.57	6.50	.07	C	.60
SWMU62-R2						
SWMU62-R1						
MRP-MW3						

Notes:

C = Cannister kept in use.

IC = Installed cannister

IS = Installed sock

NP = No product observed

RC = Removed cannister

RS = Removed sock

CHS = Replaced sock

SWMU 62, NEW HOUSING FUEL LEAK

NAME: Dwight Johnson

Month/Year: October 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
MW-303-10						
MW-303-8						
MW-303-12						
RW-303-4						
03-101						
HMW-303-11						
03-518						
MW-15	10-12-11	18.16	18.15	.01	CHS	
03-102						
HMW-303-9						
RW-303-15						
RW-303-13						
SWMU62-R6						
SWMU62-R5						
SWMU62-R4	10-12-11	6.36	6.30	.06	C	.60
SWMU62-R3	10-12-11	6.60	6.55	.05	C	.60
SWMU62-R2						
SWMU62-R1						
MRP-MW3						

Notes:

C = Cannister kept in use.

IC = Installed cannister

IS = Installed sock

NP = No product observed

RC = Removed cannister

RS = Removed sock

CHS = Replaced sock

SWMU 62, NEW HOUSING FUEL LEAK

NAME: Dwight Johnson

Month/Year: *October* 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/ Maintenance	Notes
MW-303-10						
MW-303-8						
MW-303-12						
RW-303-4						
03-101						
HMW-303-11						
03-518						
MW-15						
03-102						
HMW-303-9						
RW-303-15						
RW-303-13						
SWMU62-R6						
SWMU62-R5						
SWMU62-R4	<i>10-13-11</i>	<i>6.60</i>	<i>6.55</i>	<i>.05</i>	<i>C</i>	<i>.60</i>
SWMU62-R3	<i>10-13-11</i>	<i>6.80</i>	<i>6.75</i>	<i>.05</i>	<i>C</i>	<i>.60</i>
SWMU62-R2						
SWMU62-R1						
MRP-MW3						

Notes:

- C = Cannister kept in use.
- IC = Installed cannister
- IS = Installed sock

- NP = No product observed
- RC = Removed cannister
- RS = Removed sock
- CHS = Replaced sock

SWMU 62, NEW HOUSING FUEL LEAK

NAME: Dwight Johnson

Month/Year: *October* 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
MW-303-10						
MW-303-8						
MW-303-12						
RW-303-4						
03-101						
HMW-303-11						
03-518						
MW-15						
03-102						
HMW-303-9						
RW-303-15						
RW-303-13						
SWMU62-R6						
SWMU62-R5						
SWMU62-R4	10-14-11	6.43	6.37	.06	C	.60
SWMU62-R3	10-14-11	6.64	6.58	.06	C	.60
SWMU62-R2						
SWMU62-R1						
MRP-MW3						

Notes:

C = Cannister kept in use.

IC = Installed cannister

IS = Installed sock

NP = No product observed

RC = Removed cannister

RS = Removed sock

CHS = Replaced sock

SWMU 62, NEW HOUSING FUEL LEAK

NAME: Dwight Johnson

Month/Year: *October* 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
MW-303-10						
MW-303-8						
MW-303-12						
RW-303-4						
03-101						
HMW-303-11						
03-518						
MW-15						
03-102						
HMW-303-9						
RW-303-15						
RW-303-13						
SWMU62-R6						
SWMU62-R5						
SWMU62-R4	10-15-11	6.54	6.48	.06	C	.06
SWMU62-R3	10-15-11	6.74	6.69	.05	C	.60
SWMU62-R2						
SWMU62-R1						
MRP-MW3						

Notes:

C = Cannister kept in use.

IC = Installed cannister

IS = Installed sock

NP = No product observed

RC = Removed cannister

RS = Removed sock

CHS = Replaced sock

SWMU 62, NEW HOUSING FUEL LEAK

NAME: Dwight Johnson

Month/Year: *October* 201*8*

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/ Maintenance	Notes
MW-303-10						
MW-303-8						
MW-303-12						
RW-303-4						
03-101						
HMW-303-11						
03-518						
MW-15						
03-102						
HMW-303-9						
RW-303-15						
RW-303-13						
SWMU62-R6						
SWMU62-R5						
SWMU62-R4	9-16-11	6.56	6.50	.06	C	.05
SWMU62-R3	9-16-11	6.79	6.75	.04	C	.03
SWMU62-R2						
SWMU62-R1						
MRP-MW3						

Notes:

C = Cannister kept in use.

IC = Installed cannister

IS = Installed sock

NP = No product observed

RC = Removed cannister

RS = Removed sock

CHS = Replaced sock

Other Wells

NAME: Dwight Johnson

Month/Year: *October* 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Site	Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/ Maintenance	Notes
NMCB	02-815	10-10-11	13.80	13.78	.02	IS	
	02-300		9.59	9.56	.03	CHS	
	02-463		9.68				
	NMCB-10		10.65	10.61	.04	CHS	
	02-497		6.66	6.65	.01	CHS	
	NMCB-07		9.59	9.49	.10	RS IC	
	02-818		9.12	9.09	.03	IS	
SA 80	04-157		21.04	21.03	.01	CHS	
	04-158		20.02	20.00	.02	IS	
	04-173		15.03				
SWMU 58	12-203		12.56				
SWMU 60	652		9.72	9.71	.01	CHS	
	653	10-10-11	12.04	11.48	.56	IC	

Notes:

- C = Cannister kept in use
- IC = Installed cannister
- IS = Installed sock

- NP = No product observed
- RC = Removed cannister
- RS = Removed sock
- CHS = Changed sock

Other Wells

NAME: Dwight Johnson

Month/Year: *October* 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Site	Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/ Maintenance	Notes
NMCB	02-815						
	02-300						
	02-463						
	NMCB-10	10-11-11	8.89			G ⁵³	.52 ⁵³
	02-497						
	NMCB-07		8.89			C	.52
	02-818						
SA 80	04-157						
	04-158						
	04-173						
SWMU 58	12-203						
SWMU 60	652						
	653	10-11-11	11.02			C	.67

Notes:
 C = Cannister kept in use
 IC = Installed cannister
 IS = Installed sock
 NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Changed sock

Other Wells

NAME: Dwight Johnson

Month/Year: October 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Site	Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/ Maintenance	Notes
NMCB	02-815						
	02-300						
	02-463						
	NMCB-10						
	02-497						
	NMCB-07	10-12-11	8.83		0	RC	
	02-818						
SA 80	04-157						
	04-158						
	04-173						
SWMU 58	12-203						
SWMU 60	652						
	653	10-12-11	10.97		0	RC	

Notes:

C = Cannister kept in use

IC = Installed cannister

IS = Installed sock

NP = No product observed

RC = Removed cannister

RS = Removed sock

CHS = Changed sock



Boom Inspection Form

Task Order 43

Boom Location: 2	Time/Date: <div style="text-align: center; font-family: cursive;">1430/ 10-14-11</div>
Description of Boom Before Maintenance: <div style="font-family: cursive; font-size: 1.2em;">Satisfactory</div>	Photograph (s) Time/Date Stamp: <div style="text-align: center; font-family: cursive;">1417/ 10-14-11</div>
Boom Repaired (Y <input checked="" type="radio"/> N): Description:	Boom Replaced (Y <input checked="" type="radio"/> N) Number of sections: Description:
Visual Observations Visible Contamination (Y <input checked="" type="radio"/> N): Iron Staining (Y <input checked="" type="radio"/> N): Oily Sediment/Soil (Y <input checked="" type="radio"/> N): Distressed Vegetation (Y <input checked="" type="radio"/> N):	
Sheen Present on Water (Y <input checked="" type="radio"/> N): Is the Boom containing the Sheen? (Y / N): Pooled Product (Y <input checked="" type="radio"/> N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination: <div style="display: flex;"> <div style="flex: 1;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\\\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="flex: 2;"> </div> </div>	
Inspector: <div style="font-family: cursive; font-size: 1.2em;">Douglas Johnson</div>	Signature: <div style="font-family: cursive; font-size: 1.2em;">Douglas Johnson</div>



Boom Inspection Form

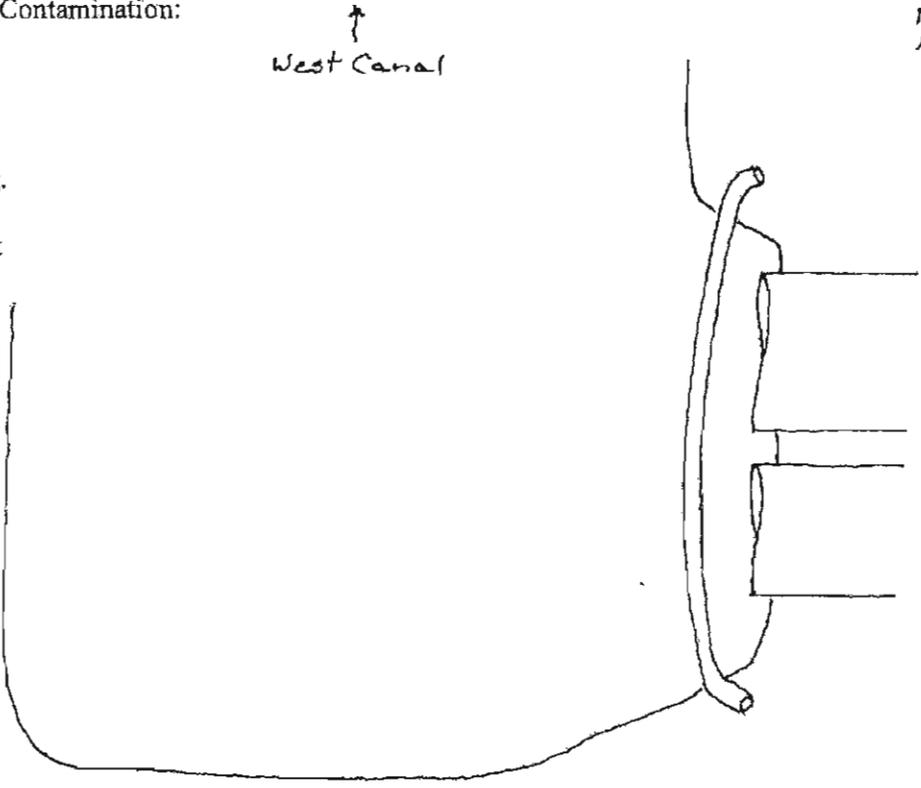
Task Order 43

Boom Location: 3	Time/Date: 1430 / 10-14-11
Description of Boom Before Maintenance: Satisfactory	Photograph (s) Time/Date Stamp: 1418 / 10-14-11
Boom Repaired (Y/N): Description:	Boom Replaced (Y/N): Number of sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination: <div style="display: flex; align-items: flex-start;"> <div style="width: 20%; padding-right: 10px;"> <p><u>Legend</u></p> <p>/// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="flex-grow: 1;"> </div> </div>	
Inspector: Dwight Johnson	Signature: Dwight Johnson



Boom Inspection Form

Task Order 43

Boom Location: 4	Time/Date: <div style="font-size: 1.2em; margin-left: 20px;">1430 / 10-14-11</div>
Description of Boom Before Maintenance: <div style="font-size: 1.2em; margin-left: 20px;">Satis Factory</div>	Photograph (s) Time/Date Stamp: <div style="font-size: 1.2em; margin-left: 20px;">1515 / 10-14-11</div>
Boom Repaired (Y/N): Description:	Boom Replaced (Y/N): Number of sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination:	
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 60%; text-align: center;"> <p>↑ West Canal</p>  </div> </div>	
Inspector: <div style="font-size: 1.2em; margin-left: 20px;">Dwight Johnson</div>	Signature: <div style="font-size: 1.2em; margin-left: 20px;">Dwight Johnson</div>



Boom Inspection Form

Task Order 43

Boom Location: 6	Time/Date: <u>1000 / 10-15-11</u>
Description of Boom Before Maintenance: <u>Sashis factory</u>	Photograph (s) Time/Date Stamp: <u>1105 / 10-15-11</u>
Boom Repaired (Y/N): Description: <u>Moved North anchor post higher on stream bank.</u>	Boom Replaced (Y/N) Number of sections: <u>3</u> Description: <u>1 section added</u>
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination: <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 60%; text-align: center;"> <p><u>South Sweeper Creek</u></p> </div> </div>	
Inspector: <u>Dwight Johnson</u>	Signature: <u>Dwight Johnson</u>



Boom Inspection Form

Task Order 43

Boom Location: 7	Time/Date: 1000/10-15-11
Description of Boom Before Maintenance: Sestis factory	Photograph (s) Time/Date Stamp: 1033/10-15-11
Boom Repaired (Y/N): Description:	Boom Replaced (Y/N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination:	
<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 80%;"> <p style="margin-left: 20px;">South Sweeper Creek</p> </div> <div style="width: 15%; text-align: center;"> <p>N</p> <p>↑</p> </div> </div> <div style="margin-top: 20px;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\\\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div>	
Inspector: Dwight Johnson	Signature: Dwight Johnson



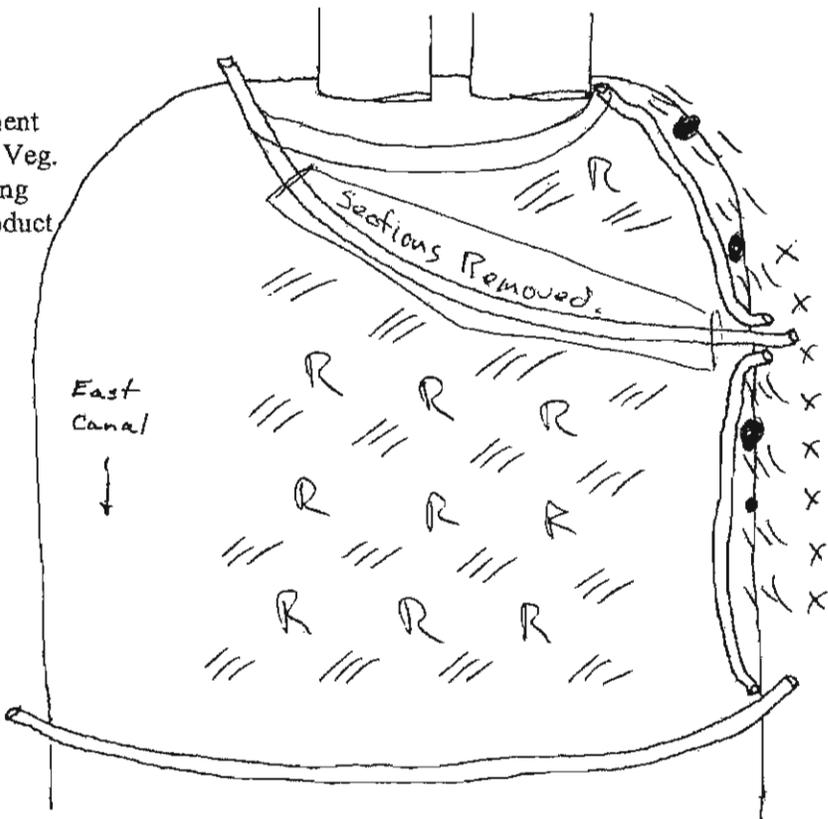
Boom Inspection Form

Task Order 43

Boom Location: 8	Time/Date: 1430 / 10-14-11
Description of Boom Before Maintenance: Satisfactory	Photograph (s) Time/Date Stamp: 1418 / 10-14-11
Boom Repaired (Y <input checked="" type="radio"/> N): Description:	Boom Replaced (Y <input checked="" type="radio"/> N) Number of sections: Description:
Visual Observations Visible Contamination (Y <input checked="" type="radio"/> N): Iron Staining (Y <input checked="" type="radio"/> N): Oily Sediment/Soil (Y <input checked="" type="radio"/> N): Distressed Vegetation (Y <input checked="" type="radio"/> N):	
Sheen Present on Water (Y <input checked="" type="radio"/> N): Is the Boom containing the Sheen? (Y <input checked="" type="radio"/> N): Pooled Product (Y <input checked="" type="radio"/> N): If yes, was product removed with sorbent pads? Yes	
Location of Visible Contamination:	
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 60%; text-align: center;"> </div> </div>	
Inspector: Dwight Johnson	Signature: Dwight Johnson

Boom Inspection Form

Task Order 43

Boom Location: 9/12	Time/Date: <i>1430/10-14-11</i>
Description of Boom Before Maintenance: <i>Satisfactory</i>	Photograph (s) Time/Date Stamp: <i>1504 ⑤ 1418/10-14-11</i>
Boom Repaired (Y/N): Description:	Boom Replaced (Y/N) Number of Sections: Description:
<p>Visual Observations</p> <p>Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):</p> <p>Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?</p> <p><i>No Sheen south of Boom location. Yes</i></p>	
<p>Location of Visible Contamination:</p> <p>Legend</p> <ul style="list-style-type: none"> //// Sheen \\ \\ Oily Sediment xxx Distressed Veg. RRR Iron Staining ● Pooled Product  <p><i>East Canal</i></p> <p style="text-align: right;">N ↑</p>	
Inspector: <i>Dwight Johnson</i>	Signature: <i>Dwight Johnson</i>



SEALASKA ENVIRONMENTAL

Boom Inspection Form

Task Order 43

Boom Location: 10	Time/Date: 1000 / 10-15-11
Description of Boom Before Maintenance: Satisfactory	Photograph (s) Time/Date Stamp: 1117 / 10-14-11 1053 / 10-15-11
Boom Repaired (Y/N): Description: 2 additional sections added to location	Boom Replaced (Y/N) Number of sections: 1 Description: 1 section replaced from middle of location
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination: <div style="display: flex;"> <div style="flex: 1;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\\\\\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="flex: 2;"> </div> </div>	
Inspector: Dwight Johnson	Signature: Dwight Johnson



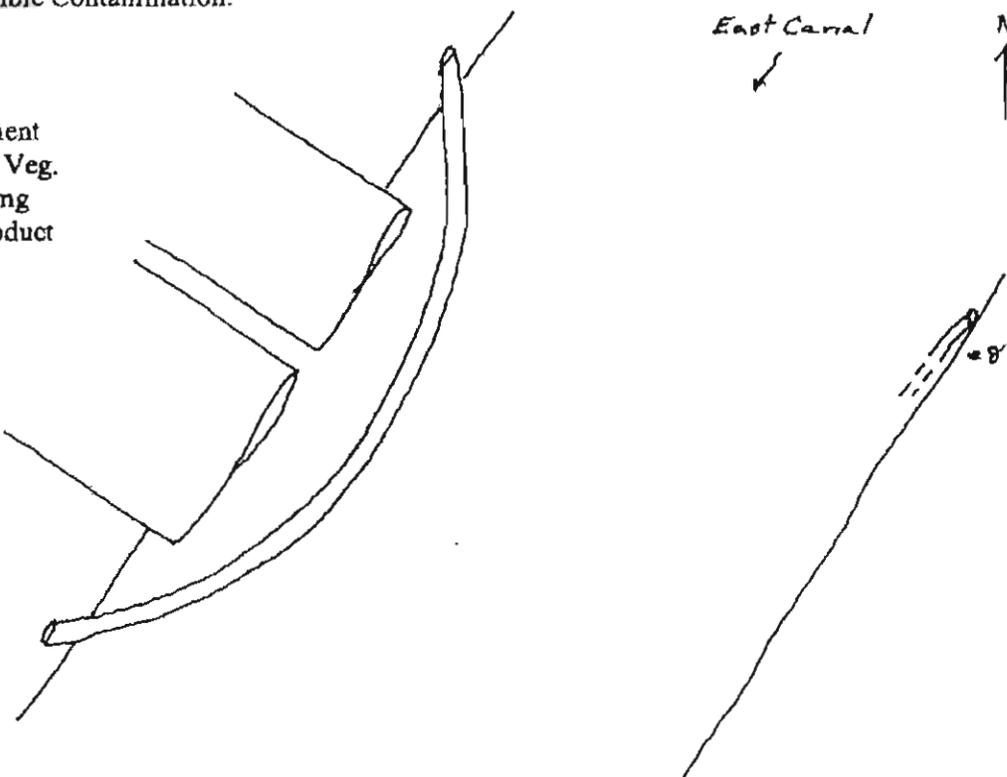
Boom Inspection Form

Task Order 43

Boom Location: 11	Time/Date: 1430/10-14-11
Description of Boom Before Maintenance: <i>Satisfactory</i>	Photograph (s) Time/Date Stamp: 1506/10-14-11
Boom Repaired (Y <input checked="" type="radio"/> N): Description:	Boom Replaced (Y <input checked="" type="radio"/> N) Number of sections: Description:
<p>Visual Observations</p> <p>Visible Contamination (Y <input checked="" type="radio"/> N):</p> <p>Iron Staining (Y <input checked="" type="radio"/> N):</p> <p>Oily Sediment/Soil (Y <input checked="" type="radio"/> N):</p> <p>Distressed Vegetation (Y <input checked="" type="radio"/> N):</p> <p style="text-align: right;">Sheen Present on Water (Y <input checked="" type="radio"/> N):</p> <p style="text-align: right;">Is the Boom containing the Sheen? (Y <input checked="" type="radio"/> N):</p> <p style="text-align: right;">Pooled Product (Y <input checked="" type="radio"/> N):</p> <p style="text-align: right;">If yes, was product removed with sorbent pads?</p>	
<p>Location of Visible Contamination:</p> <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 30%;"> <p><u>Legend</u></p> <p>/// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 60%; text-align: center;"> <p>East Canal</p> <p>↓</p> </div> </div>	
Inspector: <i>Dwight Johnson</i>	Signature: <i>Dwight Johnson</i>

Boom Inspection Form

Task Order 43

Boom Location: 2	Time/Date: <div style="text-align: right; font-family: cursive;">14:10 11-18-11</div>
Description of Boom Before Maintenance: UNSATISFACTORY - BOOM UNDONE FROM POSTS DUE TO HIGH WATER LEVELS + WEATHER	Photograph (s) Time/Date Stamp: <div style="text-align: right; font-family: cursive;">14:10 11-18-11</div>
Boom Repaired (Y/N): Description: WELL REPAIR WHEN WATER LEVELS DROP	Boom Replaced (Y/N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): N/A Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination: <div style="display: flex;"> <div style="flex: 1;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\\\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="flex: 2;">  </div> </div>	
Inspector: <div style="font-family: cursive; font-size: 1.2em;">JOHN HIGHSTONE</div>	Signature:



Boom Inspection Form

Task Order 43

Boom Location: 3	Time/Date: 14:12 / 11-18-11
Description of Boom Before Maintenance: UNSATISFACTORILY - BOOM UNLATCHED FROM POSTS DUE TO HIGH WATER LEVELS + WEATHER	Photograph (s) Time/Date Stamp: 14:12 / 11-18-11
Boom Repaired (Y/N): (N) Description: WILL REPAIR WHEN WATER LEVELS DROP	Boom Replaced (Y/N): (N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N): (N) Iron Staining (Y/N): (N) Oily Sediment/Soil (Y/N): (N) Distressed Vegetation (Y/N): (N)	
Sheen Present on Water (Y/N): (N) Is the Boom containing the Sheen? (Y/N): N/A Pooled Product (Y/N): (N) If yes, was product removed with sorbent pads?	
Location of Visible Contamination: <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>Legend</p> <p>//// Sheen</p> <p>\\\\\\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 60%; text-align: center;"> <p>East Canal</p> </div> </div>	
Inspector: JOHN HIGHSTONE	Signature: <i>John Highstone</i>



Boom Inspection Form

Task Order 43

Boom Location: 4	Time/Date: <div style="text-align: right; font-family: cursive;">14:26 / 11/18/11</div>
Description of Boom Before Maintenance: <div style="font-family: cursive; font-size: 1.2em;">SATISFACTORY</div>	Photograph (s) Time/Date Stamp: <div style="text-align: right; font-family: cursive;">14:26 / 11/18/11</div>
Boom Repaired (Y/N): Description: <i>Moved BACK INTO POSITION</i>	Boom Replaced (Y/N) Number of sections: Description:
Visual Observations	
Visible Contamination (Y/N) <input checked="" type="checkbox"/> (N) Iron Staining (Y/N) <input checked="" type="checkbox"/> (N) Oily Sediment/Soil (Y/N) <input checked="" type="checkbox"/> (N) Distressed Vegetation (Y/N) <input checked="" type="checkbox"/> (N)	Sheen Present on Water (Y/N) <input checked="" type="checkbox"/> (N) Is the Boom containing the Sheen? (Y/N): <i>N/A</i> Pooled Product (Y/N) <input checked="" type="checkbox"/> (N) If yes, was product removed with sorbent pads?
Location of Visible Contamination:	
Legend /// Sheen \\\ Oily Sediment xxx Distressed Veg. RRR Iron Staining ● Pooled Product	<div style="text-align: center;"> ↑ <i>West Canal</i> </div> <div style="text-align: right;"> N ↑ </div>
Inspector: <i>John Highstone</i>	Signature: <i>John Highstone</i>



Boom Inspection Form

Task Order 43

Boom Location: 6	Time/Date: 14:34 / 11-18-11
Description of Boom Before Maintenance: SATISFACTORY	Photograph (s) Time/Date Stamp: 14:34 / 11-18-11
Boom Repaired (Y/N): (N) Description:	Boom Replaced (Y/N): (N) Number of sections: Description:

Visual Observations

Visible Contamination (Y/N): (N)
 Iron Staining (Y/N): (N)
 Oily Sediment/Soil (Y/N): (N)
 Distressed Vegetation (Y/N): (N)

Sheen Present on Water (Y/N): (N)
 Is the Boom containing the Sheen? (Y/N): N/A
 Pooled Product (Y/N): (N)
 If yes, was product removed with sorbent pads?

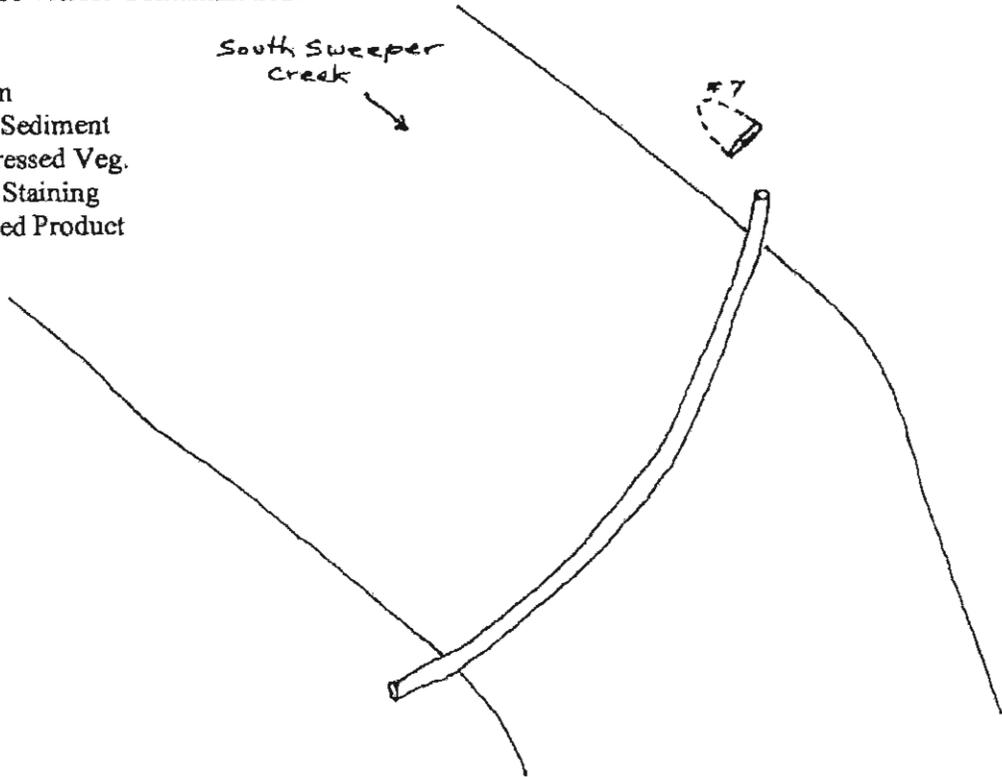
Location of Visible Contamination:

- Legend
- //// Sheen
 - \\\\\\ Oily Sediment
 - xxx Distressed Veg.
 - RRR Iron Staining
 - Pooled Product

South Sweeper Creek →

#7

N
↑



Inspector: JOHN HIGGSTONE

Signature: *John Higgstone*



Boom Inspection Form

Task Order 43

Boom Location: 7	Time/Date: <div style="font-size: 1.2em; text-align: center;">14:34 / 11-18-11</div>		
Description of Boom Before Maintenance: <div style="font-size: 1.2em; text-align: center;">SATISFACTORY</div>	Photograph (s) Time/Date Stamp: <div style="font-size: 1.2em; text-align: center;">14:34 / 11-18-11</div>		
Boom Repaired (Y/N): (N) Description:	Boom Replaced (Y/N): (N) Number of sections: Description:		
Visual Observations <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none; vertical-align: top;"> Visible Contamination (Y/N): (N) Iron Staining (Y/N): (N) Oily Sediment/Soil (Y/N): (N) Distressed Vegetation (Y/N): (N) </td> <td style="width: 50%; border: none; vertical-align: top;"> Sheen Present on Water (Y/N): (N) Is the Boom containing the Sheen? (Y/N): N/A Pooled Product (Y/N): (N) If yes, was product removed with sorbent pads? </td> </tr> </table>		Visible Contamination (Y/N): (N) Iron Staining (Y/N): (N) Oily Sediment/Soil (Y/N): (N) Distressed Vegetation (Y/N): (N)	Sheen Present on Water (Y/N): (N) Is the Boom containing the Sheen? (Y/N): N/A Pooled Product (Y/N): (N) If yes, was product removed with sorbent pads?
Visible Contamination (Y/N): (N) Iron Staining (Y/N): (N) Oily Sediment/Soil (Y/N): (N) Distressed Vegetation (Y/N): (N)	Sheen Present on Water (Y/N): (N) Is the Boom containing the Sheen? (Y/N): N/A Pooled Product (Y/N): (N) If yes, was product removed with sorbent pads?		
Location of Visible Contamination: <div style="text-align: center;"> </div>			
Legend /// Sheen \\\ Oily Sediment xxx Distressed Veg. RRR Iron Staining ● Pooled Product			
Inspector: JOHN HIGHSTONE	Signature: <i>John Highstone</i>		



Boom Inspection Form

Task Order 43

Boom Location: 8	Time/Date: 14:12 11/18/11
Description of Boom Before Maintenance: UNSATISFACTORY - Boom undone from posts due to HGA WATER LEVELS & WEATHER	Photograph (s) Time/Date Stamp: 14:12 11/18/11
Boom Repaired (Y/N): (N) Description: WILL REPAIR WHEN WATER LEVELS DROP	Boom Replaced (Y/N): (N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): (N) Oily Sediment/Soil (Y/N): (N) Distressed Vegetation (Y/N): (N)	
Sheen Present on Water (Y/N): (Y) Is the Boom containing the Sheen? (Y/N): (N) Pooled Product (Y/N): (N) If yes, was product removed with sorbent pads?	
Location of Visible Contamination: <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\\\\\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 60%;"> </div> </div>	
Inspector: JOHN HUGHSTONE	Signature: <i>John A. Hughstone</i>



Boom Inspection Form

Task Order 43

Boom Location: 9/12	Time/Date: 14:16 / 14:17 / 11-18-11
Description of Boom Before Maintenance: UNSATISFACTORY - BOOM UNDONE FROM POSTS AROUND CULVERT DUE TO HIGH WATER	Photograph (s) Time/Date Stamp: 14:16 / 14:17 / 11-18-11
Boom Repaired (Y/N): (N) Description: WILL REPAIR WHEN WATER LEVELS DROP	Boom Replaced (Y/N): (N) Number of Sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination:	
<div style="display: flex;"> <div style="flex: 1;"> <p>Legend</p> <ul style="list-style-type: none"> //// Sheen \\\\\\ Oily Sediment xxx Distressed Veg. RRR Iron Staining ● Pooled Product </div> <div style="flex: 2;"> </div> </div>	
Inspector: John Higginson	Signature: John A. Higginson



Boom Inspection Form

Task Order 43

Boom Location: 10	Time/Date: 14:31 / 11-18-11
Description of Boom Before Maintenance: SATISFACTORY	Photograph (s) Time/Date Stamp: 14:31 / 11-18-11
Boom Repaired (Y/N): (N) Description:	Boom Replaced (Y/N): (N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N): (Y) (N): Iron Staining (Y/N): (Y) (N): Oily Sediment/Soil (Y/N): (Y) (N): Distressed Vegetation (Y/N): (Y) (N):	
Sheen Present on Water (Y/N): (Y) (N): Is the Boom containing the Sheen? (Y/N): (Y) (N): Pooled Product (Y/N): (Y) (N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination:	
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\\\\\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 60%; text-align: center;"> <p style="text-align: center;">South Sweeper Creek</p> <p style="text-align: right;">Main Road Bridge</p> </div> <div style="width: 10%; text-align: right;"> <p>N</p> <p>↑</p> </div> </div>	
Inspector: JOHN HIGHSTONE	Signature: <i>John Highstone</i>



Boom Inspection Form

Task Order 43

Boom Location: 11	Time/Date: 14:18 / 11-18-11
Description of Boom Before Maintenance: SATISFACTORY	Photograph (s) Time/Date Stamp: 14:18 / 11-18-11
Boom Repaired (Y/N): Description: MOVED BACK INTO POSITION	Boom Replaced (Y/N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination:	
<u>Legend</u> /// Sheen \\\ Oily Sediment xxx Distressed Veg. RRR Iron Staining ● Pooled Product	<div style="text-align: center;"> <p>East Canal</p> <p>↓</p> </div> <div style="text-align: right;"> <p>← #9/12</p> <p>N ↑</p> </div>
Inspector: JOHN HIGGSTONE	Signature: <i>John Higstone</i>

SOUTH OF RUNWAY 18/36 AREA

NAME: Dwight Johnson, John Highstone

Month/Year: December 2011

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
E-215	12-6-11	12.31			RS [Ⓢ]	
RW-18/36-01	}	8.22	8.20	.02	IS RS [Ⓢ]	
E-216		14.91	14.80	.11	RS IC	
RW-18/36-04		12.34				
E-217		14.09				
02-231		12.70				
Z3-2		8.18	8.12	.06	IS	
18/36-R8		12.47				
18/36-R7		11.16				
18/36-R6		9.04				
18/36-R5		7.82				
18/36-R4		7.62				
18/36-R3		5.95				
18/36-R2		5.74				
18/36-R1		5.14				
E-209 E-207 ^(CHS)			8.20	7.64	.56	Boiler
E-207 E-209 ^(CHS)		6.69	3.92	2.77	Boiler	1.60
E-209 E-207 ^(CHS)	12-6-11	7.88	7.65	.23	IC	After Bailing

Notes:

- C = Cannister kept in use
- IC = Installed cannister
- IS = Installed sock

- NP = No product observed
- RC = Removed cannister
- RS = Removed sock
- CHS = Changed sock

~~E-207~~ E-209 ^(CHS) 12-6-11 4.52 4.28 .34 IC After Bailing

SOUTH OF RUNWAY 18/36 AREA

NAME: Dwight Johnson, John Highstone

Month/Year: December 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
E-215	12-7-11					
RW-18/36-01						
E-216		14.54	14.53	.01	RC IS	.11
RW-18/36-04						
E-217						
02-231						
Z3-2						
18/36-R8						
18/36-R7						
18/36-R6						
18/36-R5						
18/36-R4						
18/36-R3						
18/36-R2						
18/36-R1						
E-209		4.60	4.50	.10	C	.08
E-207	12-7-11	7.87	7.70	.17	C	.13

Notes:
 C = Cannister kept in use
 IC = Installed cannister
 IS = Installed sock

NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Changed sock

SOUTH OF RUNWAY 18/36 AREA

NAME: Dwight Johnson, John Highstone

Month/Year: December 2011

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
E-215	12-8-11					
RW-18/36-01	[Handwritten wavy line]					
E-216						
RW-18/36-04						
E-217						
02-231						
Z3-2						
18/36-R8						
18/36-R7						
18/36-R6						
18/36-R5						
18/36-R4						
18/36-R3						
18/36-R2						
18/36-R1						
E-209			4.77	4.71	.06	RC IS
E-207	12-8-11	7.88	7.86	.02	RC IS	.25

Notes:
 C = Cannister kept in use
 IC = Installed cannister
 IS = Installed sock
 NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Changed sock

SWMU 62, NEW HOUSING FUEL LEAK

NAME: Dwight Johnson, John Highstone

Month/Year: December 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
MW-303-10	12-6-11	21.03				
MW-303-8		20.53	20.43	.10	IC	
MW-303-12		18.95	18.94	.01	IS	
RW-303-4		19.76	19.72	.04	IS	
03-101		20.53				
HMW-303-11		24.75				
03-518		25.24				
MW-15		25.74				
03-102		12.57	12.19	.38	IC	
HMW-303-9		24.39				
RW-303-15		15.87				
RW-303-13		5.20				
SWMU62-R6		4.96				
SWMU62-R5		4.55	4.54	.01	CHS	
SWMU62-R4		4.84	4.78	.06	C	
SWMU62-R3		5.05	5.00	.05	C	
SWMU62-R2		5.34				
SWMU62-R1		5.62				
MRP-MW3	12-6-11	2.03				

Notes:

C = Cannister kept in use.

IC = Installed cannister

IS = Installed sock

NP = No product observed

RC = Removed cannister

RS = Removed sock

CHS = Replaced sock

SWMU 62, NEW HOUSING FUEL LEAK

NAME: Dwight Johnson

Month/Year: December 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/ Maintenance	Notes
MW-303-10	12-7-11					
MW-303-8	}	23.40	23.33	.07	RC IS	.05
MW-303-12						
RW-303-4						
03-101						
HMW-303-11						
03-518						
MW-15						
03-102		12.48	12.02	.46	REC IS	.05
HMW-303-9						
RW-303-15						
RW-303-13						
SWMU62-R6						
SWMU62-R5						
SWMU62-R4		4.99	4.94	.05	C	0.0
SWMU62-R3		5.19	5.15	.04	C	0.0
SWMU62-R2						
SWMU62-R1						
MRP-MW3	12-7-11					

Notes:

C = Cannister kept in use.

IC = Installed cannister

IS = Installed sock

NP = No product observed

RC = Removed cannister

RS = Removed sock

CHS = Replaced sock

SWMU 62, NEW HOUSING FUEL LEAK

NAME: Dwight Johnson, John Highstone

Month/Year: December 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
MW-303-10	12-8-11					
MW-303-8						
MW-303-12						
RW-303-4						
03-101						
HMW-303-11						
03-518						
MW-15						
03-102		12.50	12.10	.40	C	.50
HMW-303-9						
RW-303-15						
RW-303-13						
SWMU62-R6						
SWMU62-R5						
SWMU62-R4		5.28	5.25	.03	C	.08
SWMU62-R3		5.45	5.44	.01	C	.09
SWMU62-R2						
SWMU62-R1						
MRP-MW3	12-8-11					

Notes:

C = Cannister kept in use.

IC = Installed cannister

IS = Installed sock

NP = No product observed

RC = Removed cannister

RS = Removed sock

CHS = Replaced sock

Other Wells

NAME: Dwight Johnson, John Highstone

Month/Year: December 2011

TO 43 Groundwater Levels and Product Thickness Measurements

Site	Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/ Maintenance	Notes
NMCB	02-815	12-2-11					
	02-300	}					
	02-463						
	NMCB-10						
	02-497						
	NMCB-07						
	02-818						
SA 80	04-157			17.28	16.52	.76	IC
	04-158		13.76	13.63	.13	IC	
	04-173		11.50				
SWMU 58	12-203		11.26				
SWMU 60	652	}					
	653		12-2-11				

Notes:

- C = Cannister kept in use
- IC = Installed cannister
- IS = Installed sock

- NP = No product observed
- RC = Removed cannister
- RS = Removed sock
- CHS = Changed sock

Other Wells

NAME: Dwight Johnson, John Highstone

Month/Year: December 2011

TO 43 Groundwater Levels and Product Thickness Measurements

Site	Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/ Maintenance	Notes
NMCB	02-815	12-6-11	12.31			RS	
	02-300	}	8.22			RS	
	02-463		8.62				
	NMCB-10		9.57	9.55	.02	CHS	
	02-497		5.84			RS	
	NMCB-07		8.20	8.13	.07	IC	
	02-818		7.80			RS	
SA 80	04-157			16.96	16.43	.53	C
	04-158		13.14	13.03	.11	C	0.00
	04-173						
SWMU 58	12-203						
SWMU 60	652		6.76	6.74	.02	CHS	
	653	12-6-11	7.46	7.33	.13	IC	

Notes:

C = Cannister kept in use

IC = Installed cannister

IS = Installed sock

NP = No product observed

RC = Removed cannister

RS = Removed sock

CHS = Changed sock

Other Wells

NAME: Dwight Johnson, John Highstone

Month/Year: December 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Site	Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/ Maintenance	Notes
NMCB	02-815	12-7-11					
	02-300	}					
	02-463						
	NMCB-10						
	02-497						
	NMCB-07		7.98	7.97	.01	RC IS	.09
	02-818						
SA 80	04-157			16.76	16.60	.16	C
	04-158		13.18	13.16	.02	RC IS	.30
	04-173						
SWMU 58	12-203						
SWMU 60	652						
	653	12-7-11	7.40	7.39	.01	RC IS	.09

Notes:

- C = Cannister kept in use
- IC = Installed cannister
- IS = Installed sock

- NP = No product observed
- RC = Removed cannister
- RS = Removed sock
- CHS = Changed sock

Other Wells

NAME: Dwight Johnson, John Highstone

Month/Year: December 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Site	Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/ Maintenance	Notes
NMCB	02-815	12-8-11					
	02-300						
	02-463						
	NMCB-10						
	02-497						
	NMCB-07						
	02-818						
SA 80	04-157		10.52	10.43	.09	RC IS	.60
	04-158						
	04-173						
SWMU 58	12-203						
SWMU 60	652						
	653	12-8-11					

Notes:
 C = Cannister kept in use
 IC = Installed cannister
 IS = Installed sock
 NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Changed sock



Boom Inspection Form

Task Order 43

Boom Location: 2	Time/Date: 1600 12-8-11
Description of Boom Before Maintenance: Boom was detached and had floated away.	Photograph (s) Time/Date Stamp: 14:45 12-8-11
Boom Repaired (Y/N): Description: Relocated and reattached back into place	Boom Replaced (Y/N) Number of sections: Description:
Visual Observations	
Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?
Location of Visible Contamination:	
<u>Legend</u> /// Sheen \\\ Oily Sediment xxx Distressed Veg. RRR Iron Staining ● Pooled Product	
Inspector: Dwight Johnson	Signature:



Boom Inspection Form

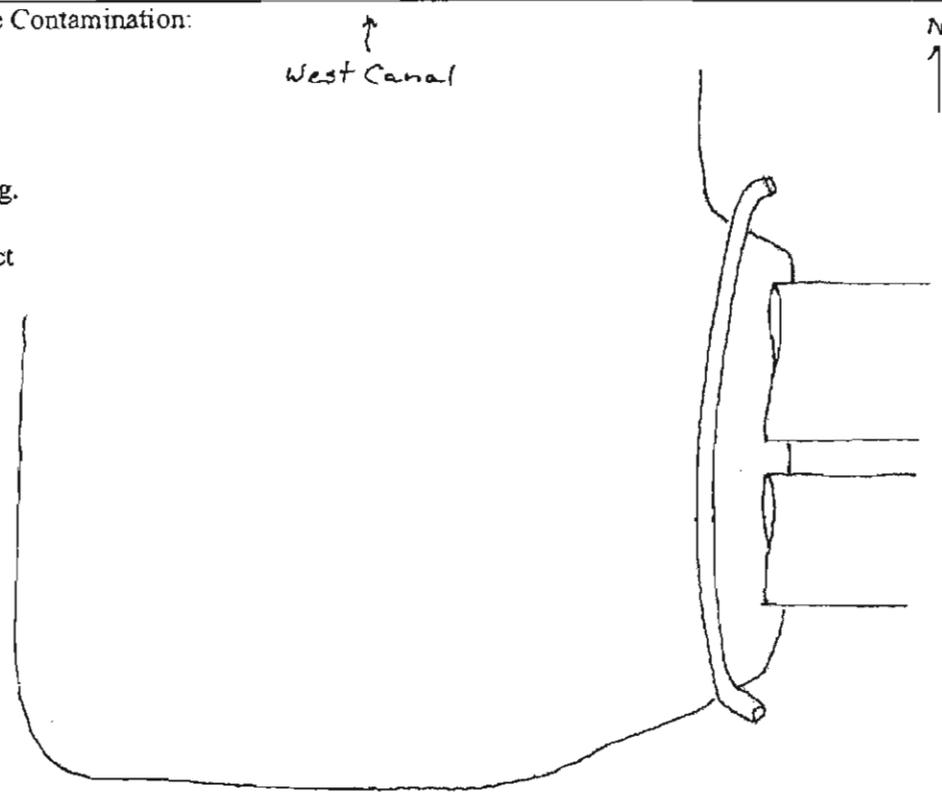
Task Order 43

Boom Location: 3	Time/Date: 1600 12-8-11
Description of Boom Before Maintenance: Untied on West end	Photograph (s) Time/Date Stamp: 14:45 12-8-11
Boom Repaired (Y/N): Description: Tied back into place	Boom Replaced (Y/N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination: <div style="display: flex; align-items: flex-start;"> <div style="width: 20%; padding-right: 10px;"> <p><u>Legend</u></p> <p>/// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 80%;"> <p style="text-align: center;">East Canal</p> <p style="text-align: right;">N ↑</p> </div> </div>	
Inspector: Dwight Johnson	Signature:



Boom Inspection Form

Task Order 43

Boom Location: 4	Time/Date: 1600 12-8-11
Description of Boom Before Maintenance: Satisfactory	Photograph (s) Time/Date Stamp: 1455 12-8-11
Boom Repaired (Y/N): Description:	Boom Replaced (Y/N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination:	
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 60%; text-align: center;"> <p style="font-size: 1.5em;">↑</p> <p style="font-size: 1.2em;">West Canal</p>  </div> </div>	
Inspector: Dwight Johnson	Signature: Dwight Johnson



Boom Inspection Form

Task Order 43

Boom Location: 6	Time/Date:
Description of Boom Before Maintenance: <i>Satisfactory</i>	Photograph (s) Time/Date Stamp: <i>1500 12-8-11</i>
Boom Repaired (Y/N): Description:	Boom Replaced (Y/N): Number of sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination: <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 60%; text-align: center;"> <p><i>South Sweeper creek</i></p> </div> </div>	
Inspector: <i>Dwight Johnson</i>	Signature: <i>Dwight Johnson</i>



Boom Inspection Form

Task Order 43

Boom Location: 7	Time/Date: 1600 12-8-11
Description of Boom Before Maintenance: Satisfactory	Photograph (s) Time/Date Stamp: 1458 12-8-11
Boom Repaired (Y/N): Description:	Boom Replaced (Y/N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination:	
Legend /// Sheen \\\ Oily Sediment xxx Distressed Veg. RRR Iron Staining ● Pooled Product	
Inspector: Dwight Johnson	Signature:



Boom Inspection Form

Task Order 43

Boom Location: 8	Time/Date: 1600 12-8-11
Description of Boom Before Maintenance: <i>Boom was untied and floated away</i>	Photograph (s) Time/Date Stamp: 14:46 12-8-11
Boom Repaired (Y/N): Description: <i>Loaded and refied boom.</i>	Boom Replaced (Y/N) Number of sections: Description:
Visual Observations	
Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?
Location of Visible Contamination:	
Legend /// Sheen \\\ Oily Sediment xxx Distressed Veg. RRR Iron Staining ● Pooled Product	
Inspector: <i>Dwight Johnson</i>	Signature: <i>Dwight Johnson</i>



Boom Inspection Form

Task Order 43

Boom Location: 9/12	Time/Date: 1600 12-8-11
Description of Boom Before Maintenance: 4 sections too saturated	Photograph (s) Time/Date Stamp: 1448 12-8-11
Boom Repaired (Y/N): Description: Replaced 4 sections	Boom Replaced (Y/N) Number of Sections: 4 Description: The 4 sections closest to the North shore replaced.
Visual Observations	
Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?
Location of Visible Contamination:	
Legend /// Sheen \\\ Oily Sediment xxx Distressed Veg. RRR Iron Staining ● Pooled Product	
Inspector: Dwight Johnson	Signature: Dwight Johnson



Boom Inspection Form

Task Order 43

Boom Location: 10	Time/Date: 1600 12-8-11
Description of Boom Before Maintenance: <i>Satisfactory</i>	Photograph (s) Time/Date Stamp: 1457 1450 12-8-11
Boom Repaired (Y/N): Description:	Boom Replaced (Y/N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination:	
<div style="display: flex;"> <div style="flex: 1;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\\\\\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="flex: 2;"> </div> </div>	
Inspector: <i>Dwight Johnson</i>	Signature: <i>Dwight Johnson</i>



SEALASKA ENVIRONMENTAL

Boom Inspection Form

Task Order 43

Boom Location: 11	Time/Date: 1600 12-8-11
Description of Boom Before Maintenance: <i>Satisfactory</i>	Photograph (s) Time/Date Stamp: 1450 12-8-11
Boom Repaired (Y/N): Description:	Boom Replaced (Y/N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination:	
<u>Legend</u> /// Sheen \\\ Oily Sediment xxx Distressed Veg. RRR Iron Staining ● Pooled Product	<div style="text-align: center;"> <i>East Canal</i> ↓ </div> <div style="text-align: right; margin-top: 20px;"> <i>#9/12</i> ↑ </div>
Inspector: <i>Dwight Johnson</i>	Signature: <i>Dwight Johnson</i>



Boom Inspection Form

Task Order 43

Boom Location: 2	Time/Date: 11 ⁰⁰ AM / 1-4-12
Description of Boom Before Maintenance: SATISFACTORY	Photograph (s) Time/Date Stamp: 11 ⁰⁰ AM / 1-4-12
Boom Repaired (Y/N): Description:	Boom Replaced (Y/N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N) If yes, was product removed with sorbent pads?	
Location of Visible Contamination: <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>Legend</p> <p>//// Sheen</p> <p>\\\\\\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 60%; text-align: right;"> <p>East Canal</p> <p>N</p> </div> </div>	
Inspector: JOHN HICHLSTONE	Signature:

Sealaska Environmental Services, LLC
 Poulsbo, Washington



Boom Inspection Form

Task Order 43

Boom Location: 3	Time/Date: <i>11⁰² AM / 1-4-12</i>
Description of Boom Before Maintenance: <i>SATISFACTORY - IN PLACE UNDER SWAY + ZEE</i>	Photograph (s) Time/Date Stamp: <i>11⁰² AM / 1-4-12</i>
Boom Repaired (Y/N): <input checked="" type="radio"/> N Description:	Boom Replaced (Y/N): <input checked="" type="radio"/> N Number of sections: Description:
Visual Observations Visible Contamination (Y/N): <input checked="" type="radio"/> N Iron Staining (Y/N): <input checked="" type="radio"/> N Oily Sediment/Soil (Y/N): <input checked="" type="radio"/> N Distressed Vegetation (Y/N): <input checked="" type="radio"/> N	
Sheen Present on Water (Y/N): <input checked="" type="radio"/> N Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): <input checked="" type="radio"/> N If yes, was product removed with sorbent pads?	
Location of Visible Contamination: <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>Legend</p> <p>//// Sheen</p> <p>\\\\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 60%; text-align: center;"> <p><i>East Canal</i></p> </div> </div>	
Inspector: <i>JOHN HIGHTSTONE</i>	Signature:

Sealaska Environmental Services, LLC
 Poulsbo, Washington



Boom Inspection Form

Task Order 43

Boom Location: 4	Time/Date: <i>11:46 Am / 1-4-12</i>
Description of Boom Before Maintenance: <i>SATISFACTORY</i>	Photograph (s) Time/Date Stamp: <i>11:46 Am / 1-4-12</i>
Boom Repaired (Y/N): Description:	Boom Replaced (Y/N): <input checked="" type="radio"/> Number of sections: Description:
Visual Observations Visible Contamination (Y/N) <input checked="" type="radio"/> Iron Staining (Y/N) <input checked="" type="radio"/> Oily Sediment/Soil (Y/N) <input checked="" type="radio"/> Distressed Vegetation (Y/N) <input checked="" type="radio"/>	
Sheen Present on Water (Y/N) <input checked="" type="radio"/> Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N) <input checked="" type="radio"/> If yes, was product removed with sorbent pads?	
Location of Visible Contamination:	
Legend /// Sheen \\\ Oily Sediment xxx Distressed Veg. RRR Iron Staining ● Pooled Product	↑ <i>West Canal</i>
Inspector: <i>Jane HUGHSTONE</i>	Signature: <i>John Hight</i>

Sealaska Environmental Services, LLC
 Poulsbo, Washington



Boom Inspection Form

Task Order 43

Boom Location: 6	Time/Date: <i>11:57 AM / 1-4-12</i>
Description of Boom Before Maintenance: SATISFACTORY	Photograph (s) Time/Date Stamp: <i>11:57 AM / 1-4-12</i>
Boom Repaired (Y/N): <input checked="" type="radio"/> N Description: MIDDLE SECTION, (2) CLIP UNDOING ON BOOM. TOO HAZARDOUS TO REPAIR AT THIS TIME DUE TO SNOW & ROCKS	Boom Replaced (Y/N): <input checked="" type="radio"/> N Number of sections: Description:
Visual Observations	
Visible Contamination (Y/N): <input checked="" type="radio"/> N Iron Staining (Y/N): <input checked="" type="radio"/> N Oily Sediment/Soil (Y/N): <input checked="" type="radio"/> N Distressed Vegetation (Y/N): <input checked="" type="radio"/> N	Sheen Present on Water (Y/N): <input checked="" type="radio"/> N Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): <input checked="" type="radio"/> N If yes, was product removed with sorbent pads?
Location of Visible Contamination:	
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 60%;"> <p style="text-align: center;"><i>South Sweeper Creek</i></p> </div> </div>	
Inspector: <i>JOHN HIGHSTONE</i>	Signature: <i>[Handwritten Signature]</i>

Sealaska Environmental Services, LLC
 Poulsbo, Washington



SEALASKA ENVIRONMENTAL

Boom Inspection Form

Task Order 43

Boom Location: 7	Time/Date: 11⁵⁸ AM / 1-4-12
Description of Boom Before Maintenance: SATISFACTORY	Photograph (s) Time/Date Stamp: 11⁵⁸ AM / 1-4-12
Boom Repaired (Y/N) <input checked="" type="checkbox"/> (N) Description: DRAWN OFF - CANNOT REINSTALL DUE TO SNOWDRIFTS + ROCKS	Boom Replaced (Y/N) <input checked="" type="checkbox"/> (N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N) <input checked="" type="checkbox"/> (N) Iron Staining (Y/N) <input checked="" type="checkbox"/> (N) Oily Sediment/Soil (Y/N) <input checked="" type="checkbox"/> (N) Distressed Vegetation (Y/N) <input checked="" type="checkbox"/> (N)	
Sheen Present on Water (Y/N) <input checked="" type="checkbox"/> (N) Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N) <input checked="" type="checkbox"/> (N) If yes, was product removed with sorbent pads?	
Location of Visible Contamination: 	
Legend /// Sheen \\\ Oily Sediment xxx Distressed Veg. RRR Iron Staining ● Pooled Product	
Inspector: JOHN HIGHTSTONE	Signature: <i>John Hightstone</i>

Sealaska Environmental Services, LLC
 Poulsbo, Washington



Boom Inspection Form

Task Order 43

Boom Location: B	Time/Date: <i>11⁰⁰ Am / 1-4-12</i>
Description of Boom Before Maintenance: <i>SATISFACTORY - IN PLACE UNDER MAINTENANCE</i>	Photograph (s) Time/Date Stamp: <i>11⁰⁰ Am / 1-4-12</i>
Boom Repaired (Y/N): <input checked="" type="radio"/> N Description:	Boom Replaced (Y/N): <input checked="" type="radio"/> N Number of sections: Description:
Visual Observations	
Visible Contamination (Y/N): <input checked="" type="radio"/> N Iron Staining (Y/N): <input checked="" type="radio"/> N Oily Sediment/Soil (Y/N): <input checked="" type="radio"/> N Distressed Vegetation (Y/N): <input checked="" type="radio"/> N	Sheen Present on Water (Y/N): <input checked="" type="radio"/> N Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): <input checked="" type="radio"/> N If yes, was product removed with sorbent pads?
Location of Visible Contamination:	
Legend /// Sheen \\\ Oily Sediment xxx Distressed Veg. RRR Iron Staining ● Pooled Product	
Inspector: <i>John Highstone</i>	Signature: <i>John Highstone</i>

Sealaska Environmental Services, LLC
 Poulsbo, Washington



Boom Inspection Form

Task Order 43

Boom Location: 9/12	Time/Date: 11:3 Am / 1-4-12
Description of Boom Before Maintenance: SATISFACTORY - IN PLACE UNDER SNOW DRIFTS	Photograph (s) Time/Date Stamp: 11:3 Am / 1-4-12
Boom Repaired (Y/N): (N) Description:	Boom Replaced (Y/N): (N) Number of Sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination:	
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>Legend</p> <p>//// Sheen</p> <p>\\\\\\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 60%; text-align: center;"> </div> </div>	
Inspector: John HUGHSTONE	Signature:

Sealaska Environmental Services, LLC
 Poulsbo, Washington



Boom Inspection Form

Task Order 43

Boom Location: 10	Time/Date: 11:52 AM / 1-4-12
Description of Boom Before Maintenance: SATISFACTORY - IN PLACE UNDER ICE	Photograph (s) Time/Date Stamp: 11:52 AM / 1-4-12
Boom Repaired (Y/N): Description:	Boom Replaced (Y/N): Number of sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination: <div style="display: flex; align-items: flex-start;"> <div style="width: 20%; padding-right: 10px;"> <p>Legend</p> <p>//// Sheen</p> <p>\\\\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="flex-grow: 1;"> <p style="text-align: center;">South Sweeper Creek</p> <p style="text-align: right;">Main Road Bridge</p> </div> <div style="width: 10%; text-align: center;"> <p>N</p> <p>↑</p> </div> </div>	
Inspector: JOHN HIGHSTONE	Signature:

Sealaska Environmental Services, LLC
 Poulsbo, Washington



SEALASKA ENVIRONMENTAL

Boom Inspection Form

Task Order 43

Boom Location: 11	Time/Date: <u>11¹⁶ AM / 1-4-12</u>
Description of Boom Before Maintenance: <u>SATISFACTORY - IN PLACE UNDER SNOWDRAFT</u>	Photograph (s) Time/Date Stamp: <u>11¹⁶ AM / 1-4-12</u>
Boom Repaired (Y/N): <u>(N)</u> Description:	Boom Replaced (Y/N): <u>(N)</u> Number of sections: Description:
<p>Visual Observations</p> <p>Visible Contamination (Y/N): <u>(N)</u> Iron Staining (Y/N): <u>(N)</u> Oily Sediment/Soil (Y/N): <u>(N)</u> Distressed Vegetation (Y/N): <u>(N)</u></p> <p>Sheen Present on Water (Y/N): <u>(N)</u> Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): <u>(N)</u> If yes, was product removed with sorbent pads?</p>	
<p>Location of Visible Contamination:</p> <div style="display: flex; justify-content: space-between;"> <div data-bbox="243 987 568 1186"> <p>Legend</p> <p>//// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div data-bbox="568 924 1445 1732"> <p style="text-align: center;"><u>East Canal</u></p> <p style="text-align: center;">↓</p> <div style="position: relative; height: 300px;"> <div style="position: absolute; top: 0; right: 0;">N ↑</div> <div style="position: absolute; top: 0; left: 50%; transform: translate(-50%, -50%);"> <u>109/12</u> </div> </div> </div> </div>	
Inspector: <u>JOHN HIGHTSTONE</u>	Signature: <u>John Hightstone</u>

Sealaska Environmental Services, LLC
 Poulsbo, Washington



Boom Inspection Form

Task Order 43

Boom Location: 2	Time/Date: 13 th / 2-6-12
Description of Boom Before Maintenance: UNSATISFACTORY - NEED REPOSITIONED INTO PLACE	Photograph (s) Time/Date Stamp: 13 th / 2-6-12
Boom Repaired (Y/N) (N) Description:	Boom Replaced (Y/N) (N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N) (N) Iron Staining (Y/N) (N) Oily Sediment/Soil (Y/N) (N) Distressed Vegetation (Y/N) (N)	
Sheen Present on Water (Y/N) (N) Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N) (N) If yes, was product removed with sorbent pads?	
Location of Visible Contamination: <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\\\\\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 60%; text-align: right;"> <p>East Canal</p> <p>N ↑</p> </div> </div>	
Inspector: JOHN HICHLSTONE	Signature:

Sealaska Environmental Services, LLC
 Poulsbo, Washington



Boom Inspection Form

Task Order 43

Boom Location: 3	Time/Date: <i>1318 / 2-6-12</i>
Description of Boom Before Maintenance: <i>SATISFACTORY - IN PLACE UNDER SNOW + ICE</i>	Photograph (s) Time/Date Stamp: <i>1318 / 2-6-12</i>
Boom Repaired (Y/N): Description:	Boom Replaced (Y/N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination:	
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>Legend</p> <ul style="list-style-type: none"> //// Sheen \\\\ Oily Sediment xxx Distressed Veg. RRR Iron Staining ● Pooled Product </div> <div style="width: 60%; text-align: center;"> <p><i>East Canal</i></p> </div> </div>	
Inspector: <i>John Hightstone</i>	Signature: <i>John Hightstone</i>

Sealaska Environmental Services, LLC
 Poulsbo, Washington



SEALASKA ENVIRONMENTAL

Boom Inspection Form

Task Order 43

Boom Location: 4	Time/Date: 13 ³⁰ / 2-6-12
Description of Boom Before Maintenance: SATISFACTORY	Photograph (s) Time/Date Stamp: 13 ³⁰ / 2-6-12
Boom Repaired (Y/N): Description:	Boom Replaced (Y/N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N): Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination: <div style="display: flex; justify-content: space-between;"> <div style="width: 40%;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\\\\\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 55%; text-align: center;"> <p>↑ West Canal</p> </div> </div>	
Inspector: John HIGHSTONE	Signature: John Highstone

Sealaska Environmental Services, LLC
 Poulsbo, Washington



Boom Inspection Form

Task Order 43

Boom Location: 6	Time/Date: 1335 / 2-6-12
Description of Boom Before Maintenance: UNSATISFACTORY	Photograph (s) Time/Date Stamp: 1335 / 2-6-12
Boom Repaired (Y/N): Boom DISCONNECTED Description: IN MIDDLE, TO HAZARDOUS TO REPAIR AT THIS TIME DUE TO SNOW DRIFTS + ROCKS	Boom Replaced (Y/N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N) <input checked="" type="checkbox"/> N Iron Staining (Y/N) <input checked="" type="checkbox"/> N Oily Sediment/Soil (Y/N) <input checked="" type="checkbox"/> N Distressed Vegetation (Y/N) <input checked="" type="checkbox"/> N	
Sheen Present on Water (Y/N) <input checked="" type="checkbox"/> N Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N) <input checked="" type="checkbox"/> N If yes, was product removed with sorbent pads?	
Location of Visible Contamination: <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>Legend</p> <p>//// Sheen</p> <p>\\\\\\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 60%; text-align: center;"> <p>South Sweeper Creek</p> </div> </div>	
Inspector: JOHN HIGGINS	Signature:

Sealaska Environmental Services, LLC
 Poulsbo, Washington



Boom Inspection Form

Task Order 43

Boom Location: 8	Time/Date: 1316 / 2-6-12
Description of Boom Before Maintenance: SATISFACTORY - IN PLACE UNDER SNOW	Photograph (s) Time/Date Stamp: 1316 / 2-6-12
Boom Repaired (Y/N): (N) Description:	Boom Replaced (Y/N): (N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination: <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 60%; text-align: center;"> <p>East Canal</p> </div> </div>	
Inspector: JAW HIGHSTANE	Signature:

Sealaska Environmental Services, LLC
 Poulsbo, Washington



Boom Inspection Form

Task Order 43

Boom Location: 9/12	Time/Date: 13-5 / 2-6-12
Description of Boom Before Maintenance: SATISFACTORY - IMPACT UNDER SAW + ICE	Photograph (s) Time/Date Stamp: 13-25 / 2-6-12
Boom Repaired (Y <input checked="" type="checkbox"/> N): Description:	Boom Replaced (Y <input checked="" type="checkbox"/> N) Number of Sections: Description:
Visual Observations Visible Contamination (Y <input checked="" type="checkbox"/> N): Iron Staining (Y <input checked="" type="checkbox"/> N): Oily Sediment/Soil (Y <input checked="" type="checkbox"/> N): Distressed Vegetation (Y <input checked="" type="checkbox"/> N):	
Sheen Present on Water (Y <input checked="" type="checkbox"/> N): Is the Boom containing the Sheen? (Y / N): Pooled Product (Y <input checked="" type="checkbox"/> N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination:	
<div style="display: flex; align-items: flex-start;"> <div style="flex: 1;"> <p>Legend</p> <ul style="list-style-type: none"> //// Sheen Oily Sediment xxx Distressed Veg. RRR Iron Staining ● Pooled Product </div> <div style="flex: 2;"> </div> </div>	
Inspector: John Highstone	Signature: <i>John Highstone</i>

Sealaska Environmental Services, LLC
 Poulsbo, Washington



Boom Inspection Form

Task Order 43

Boom Location: 10	Time/Date: 13 ³³ / 2-6-12
Description of Boom Before Maintenance: SATISFACTORY	Photograph (s) Time/Date Stamp: 13 ³³ / 2-6-12
Boom Repaired (Y/N): Description:	Boom Replaced (Y/N) Number of sections: Description:
<p>Visual Observations</p> <p>Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):</p> <p>Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?</p>	
<p>Location of Visible Contamination:</p> <p>Legend //// Sheen \\\ Oily Sediment XXX Distressed Veg. RRR Iron Staining ● Pooled Product</p>	
Inspector: <u>John HIGHTSTONE</u>	Signature: <u>[Signature]</u>

Sealaska Environmental Services, LLC
 Poulsbo, Washington



Boom Inspection Form

Task Order 43

Boom Location: 11	Time/Date: <i>1326 / 2-6-12</i>
Description of Boom Before Maintenance: <i>SATISFACTORY - IN PLACE UNDER SNOW AND ICE</i>	Photograph (s) Time/Date Stamp: <i>1326 / 2-6-12</i>
Boom Repaired (Y/N): Description:	Boom Replaced (Y/N): Number of sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination:	
Legend /// Sheen \\\ Oily Sediment xxx Distressed Veg. RRR Iron Staining ● Pooled Product	<div style="text-align: center;"> <i>East Canal</i> ↓ </div> <div style="text-align: right; margin-right: 20px;"> <i>2/9/12</i> ↑ </div> <div style="text-align: right; margin-right: 20px;"> <i>N</i> ↑ </div>
Inspector: <i>John Highstone</i>	Signature: <i>John Highstone</i>

Sealaska Environmental Services, LLC
 Poulsbo, Washington



Boom Inspection Form

Task Order 43

Boom Location: 2	Time/Date: 16:04 / 3-10-12
Description of Boom Before Maintenance: UNSATISFACTORY - BOOM NEEDS REPOSITIONED INTO PLACE	Photograph (s) Time/Date Stamp: 16:04 / 3-10-12
Boom Repaired (Y/N): (N) Description:	Boom Replaced (Y/N): (N) Number of sections: Description:
Visual Observations	
Visible Contamination (Y/N): (N) Iron Staining (Y/N): (N) Oily Sediment/Soil (Y/N): (N) Distressed Vegetation (Y/N): (N)	Sheen Present on Water (Y/N): (N) Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): (N) If yes, was product removed with sorbent pads?
Location of Visible Contamination:	
Legend /// Sheen \\\ Oily Sediment xxx Distressed Veg. RRR Iron Staining ● Pooled Product	<div style="text-align: right;"> East Canal </div>
Inspector: JOHN HIGHTONE	Signature:



Boom Inspection Form

Task Order 43

Boom Location: 3	Time/Date: 16:05 / 3-10-12
Description of Boom Before Maintenance: UNSATISFACTORY. EAST BOOM UNDONE OFF POST. NEEDS REPOSITIONED INTO PLACE	Photograph (s) Time/Date Stamp: 16:05 / 3-10-12
Boom Repaired (Y/N): <input checked="" type="radio"/> Y <input type="radio"/> N Description:	Boom Replaced (Y/N): <input type="radio"/> Y <input checked="" type="radio"/> N Number of sections: Description:
Visual Observations	
Visible Contamination (Y/N): <input checked="" type="radio"/> Y <input type="radio"/> N Iron Staining (Y/N): <input type="radio"/> Y <input checked="" type="radio"/> N Oily Sediment/Soil (Y/N): <input type="radio"/> Y <input checked="" type="radio"/> N Distressed Vegetation (Y/N): <input checked="" type="radio"/> Y <input type="radio"/> N	Sheen Present on Water (Y/N): <input checked="" type="radio"/> Y <input type="radio"/> N Is the Boom containing the Sheen? (Y/N): <input type="radio"/> Y <input checked="" type="radio"/> N Pooled Product (Y/N): <input type="radio"/> Y <input checked="" type="radio"/> N If yes, was product removed with sorbent pads?
Location of Visible Contamination:	
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>Legend</p> <p>//// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 60%; text-align: center;"> <p>East Canal</p> </div> </div>	
Inspector: John Highstone	Signature: John Highstone



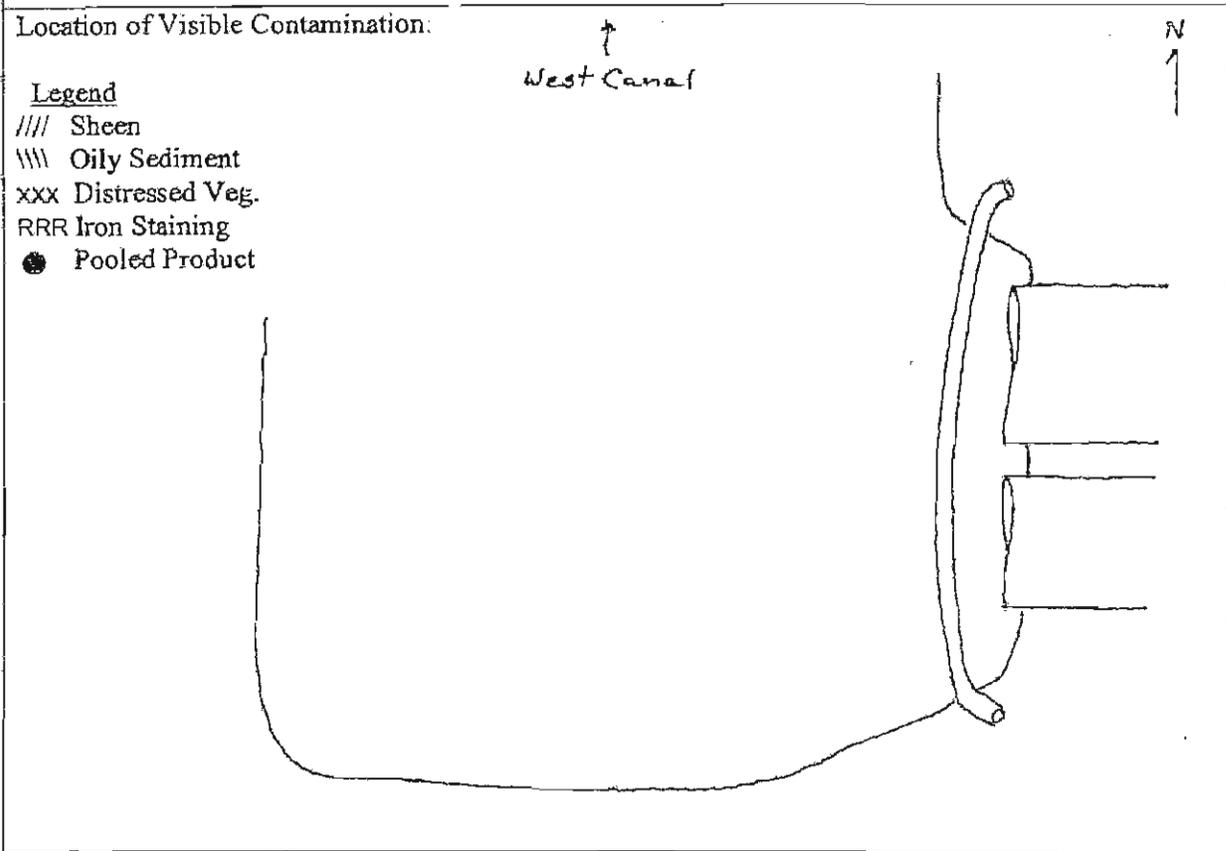
Boom Inspection Form

Task Order 43

Boom Location: 4	Time/Date: <i>get</i> 10:35 10-14 / 3-10-12
Description of Boom Before Maintenance: SATISFACTORY	Photograph (s) Time/Date Stamp: 10:35 10-14 / 3-10-12
Boom Repaired (Y <input checked="" type="radio"/> N): Description:	Boom Replaced (Y <input checked="" type="radio"/> N) Number of sections: Description:

Visual Observations

Visible Contamination (Y <input checked="" type="radio"/> N): Iron Staining (Y <input checked="" type="radio"/> N): Oily Sediment/Soil (Y <input checked="" type="radio"/> N): Distressed Vegetation (Y <input checked="" type="radio"/> N):	Sheen Present on Water (Y <input checked="" type="radio"/> N): Is the Boom containing the Sheen? (Y / N): Pooled Product (Y <input checked="" type="radio"/> N): If yes, was product removed with sorbent pads?
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Inspector: <i>John Highstone</i>	Signature: <i>John Highstone</i>
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SEALASKA
ENVIRONMENTAL

Boom Inspection Form

Task Order 43

Boom Location: 6	Time/Date: 16:45 / 3-10-12
Description of Boom Before Maintenance: UNSATISFACTORY - BOOM BROKE IN MIDDLE - NEEDS RECONNECTED	Photograph (s) Time/Date Stamp: 16:45 / 3-10-12
Boom Repaired (Y/N): (N) Description:	Boom Replaced (Y/N): (N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N): (N) Iron Staining (Y/N): (N) Oily Sediment/Soil (Y/N): (N) Distressed Vegetation (Y/N): (N)	
Sheen Present on Water (Y/N): (N) Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): (N) If yes, was product removed with sorbent pads?	
Location of Visible Contamination: <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 60%; text-align: center;"> <p>South Sweeper Creek</p> </div> </div>	
Inspector: JOHN HIGHSTONE	Signature:



Boom Inspection Form

Task Order 43

Boom Location: 8	Time/Date: 16:05 / 3-10-12
Description of Boom Before Maintenance: UNSATISFACTORY - BOOM UNDONE OFF POSTS AND FLOATED NORTH IN CANAL MARSH	Photograph (s) Time/Date Stamp: 16:05 / 3-10-12
Boom Repaired (Y/N): (N) Description:	Boom Replaced (Y/N) Number of sections: Description:
Visual Observations	
Visible Contamination (Y/N): (Y) Iron Staining (Y/N): (N) Oily Sediment/Soil (Y/N): (N) Distressed Vegetation (Y/N): (Y)	Sheen Present on Water (Y/N): (Y) Is the Boom containing the Sheen? (Y/N): (N) Pooled Product (Y/N): (N) If yes, was product removed with sorbent pads?
Location of Visible Contamination:	
Legend /// Sheen \\\ Oily Sediment xxx Distressed Veg. RRR Iron Staining ● Pooled Product	<div style="text-align: center;"> East Canal </div>
Inspector: JOHN HIGHSTONE	Signature:

Boom Inspection Form

Task Order 43

Boom Location: 9/12	Time/Date: 16:14 / 3-10-12
Description of Boom Before Maintenance: SATISFACTORY	Photograph (s) Time/Date Stamp: 16:14 / 3-10-12
Boom Repaired (Y/N): Description:	Boom Replaced (Y/N) Number of Sections: Description:
<p>Visual Observations</p> <p>Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):</p> <p>Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?</p>	
<p>Location of Visible Contamination:</p> <p>Legend //// Sheen \\\ Oily Sediment xxx Distressed Veg. RRR Iron Staining ● Pooled Product</p> <p>East Canal</p>	
Inspector: JOHN HIGHSTONE	Signature: <i>John Highstone</i>



Boom Inspection Form

Task Order 43

Boom Location: 10	Time/Date: 16:40 / 3-10-12
Description of Boom Before Maintenance: UNSATISFACTORY - 2 SECTIONS BROKE AND NEEDS REPLACED	Photograph (s) Time/Date Stamp: 16:40 / 3-10-12
Boom Repaired (Y/N): Description:	Boom Replaced (Y/N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination:	
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 60%; text-align: center;"> </div> </div>	
Inspector: JOHN HIGHSTONE	Signature: John Highstone



SEALASKA ENVIRONMENTAL

Boom Inspection Form

Task Order 43

Boom Location: 11	Time/Date: <u>16:15 / 3-10-12</u>
Description of Boom Before Maintenance: <u>SATISFACTORY</u>	Photograph (s) Time/Date Stamp: <u>16:15 / 3-10-12</u>
Boom Repaired (Y / <input checked="" type="radio"/> N) Description:	Boom Replaced (Y / <input checked="" type="radio"/> N) Number of sections: Description:
<p>Visual Observations</p> <p>Visible Contamination (Y / <input checked="" type="radio"/> N):</p> <p>Iron Staining (Y / <input checked="" type="radio"/> N):</p> <p>Oily Sediment/Soil (Y / <input checked="" type="radio"/> N):</p> <p>Distressed Vegetation (<input checked="" type="radio"/> Y / <input checked="" type="radio"/> N):</p> <p>Sheen Present on Water (Y / <input checked="" type="radio"/> N):</p> <p>Is the Boom containing the Sheen? (Y / N):</p> <p>Pooled Product (Y / <input checked="" type="radio"/> N):</p> <p>If yes, was product removed with sorbent pads?</p>	
<p>Location of Visible Contamination:</p> <div style="display: flex; justify-content: space-between;"> <div data-bbox="233 961 568 1165"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div data-bbox="568 888 1458 1738"> <p style="text-align: center;"><u>East Canal</u></p> <p style="text-align: center;">↓</p> <div style="position: relative; height: 300px;"> <div style="position: absolute; top: 0; right: 0; text-align: right;"> <p># 9/12</p> <p>↑ N</p> </div> </div> </div> </div>	
Inspector: <u>John Highstone</u>	Signature: <u>John Highstone</u>

SWMU 62, NEW HOUSING FUEL LEAK

NAME: Dwight Johnson, Don Palmer, Scott ElKind

Month/Year: April 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
MW-303-14	3-30-12	19.55	NP			
MW-303-12		19.58	NP		RS	
RW-303-4		19.33	NP		RS	
HMW-303-3		25.25	NP			
RW-303-7		17.94	NP			
HMW-303-2		24.58	NP			
03-101	20.51	24.30	20.33	.18	IC	
HMW-303-11		24.48	NP			
03-518		24.89	NP			
MW-15		16.31	15.80	.51	IS	
03-102		12.71	12.24	.47	IC	.51
HMW-303-9		24.30	NP			
RW-303-15		25.58	25.42	.16	IC	
RW-303-13		5.68	NP			
SWMU62-R6		5.46	NP			
SWMU62-R5		5.04	NP		RS	
SWMU62-R4		5.31	5.30	.01	IS ^{RS} C	
SWMU62-R3		5.51	5.48	.03	C	.04
SWMU62-R2		5.80	NP			
SWMU62-R1		6.05	NP			
MRP-MW3	3-30-12	3.94	NP			

Notes:
 C = Cannister kept in use.
 IC = Installed cannister
 IS = Installed sock

NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Replaced sock

SWMU 62, NEW HOUSING FUEL LEAK

NAME: Dwight Johnson, Don Bolmer, Scott Elkind

Month/Year: April 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
MW-303-14	3-31-12					
MW-303-12						
RW-303-4						
HMW-303-3						
RW-303-7						
HMW-303-2						
03-101		20.38	20.53	.15	C	.20
HMW-303-11						
03-518						
MW-15						
03-102		12.59	12.24	.35	C	.51
HMW-303-9						
RW-303-15		25.57	25.40	.17	C	0.00
RW-303-13						
SWMU62-R6						
SWMU62-R5						
SWMU62-R4		5.35	NP		C	0.00
SWMU62-R3		5.68	NP		C	0.00
SWMU62-R2						
SWMU62-R1						
MRP-MW3	3-31-12					

Notes:
 C = Cannister kept in use.
 IC = Installed cannister
 IS = Installed sock

NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Replaced sock

SWMU 62, NEW HOUSING FUEL LEAK

NAME: Dwight Johnson, Don Bolmer, Scott Elkind

Month/Year: April 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
MW-303-14	4-1-12					
MW-303-12						
RW-303-4						
HMW-303-3						
RW-303-7						
HMW-303-2						
03-101		20.49	20.40	.09	C	.38
HMW-303-11						
03-518						
MW-15						
03-102		12.49	12.23	.26	C	.46
HMW-303-9						
RW-303-15		15.56	15.42	.14	C	.60
RW-303-13						
SWMU62-R6						
SWMU62-R5						
SWMU62-R4						
SWMU62-R3						
SWMU62-R2						
SWMU62-R1						
MRP-MW3	4-1-12					

Notes:
 C = Cannister kept in use.
 IC = Installed cannister
 IS = Installed sock

NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Replaced sock

SWMU 62, NEW HOUSING FUEL LEAK

NAME: Dwight Johnson

Month/Year: April 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
MW-303-14						
MW-303-12						
RW-303-4						
HMW-303-3						
RW-303-7						
HMW-303-2						
03-101	4-3-12	20.51	NP		C	.29
HMW-303-11						
03-518						
MW-15						
03-102	4-3-12	12.43	12.41	.02	C	.33
HMW-303-9						
RW-303-15	4-3-12	15.38	NP		C	.48
RW-303-13						
SWMU62-R6						
SWMU62-R5						
SWMU62-R4						
SWMU62-R3						
SWMU62-R2						
SWMU62-R1						
MRP-MW3						

Notes:

C = Cannister kept in use.
 IC = Installed cannister
 IS = Installed sock

NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Replaced sock

SWMU 62, NEW HOUSING FUEL LEAK

NAME: Dwight Johnson

Month/Year: April 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
MW-303-14						
MW-303-12						
RW-303-4						
HMW-303-3						
RW-303-7						
HMW-303-2						
03-101	4-4-12	20.37	NP		RC	0.00
HMW-303-11						
03-518						
MW-15						
03-102	4-4-12	12.38	NP		RC	.07
HMW-303-9						
RW-303-15	4-4-12	15.44	NP		RC	.11
RW-303-13						
SWMU62-R6						
SWMU62-R5						
SWMU62-R4						
SWMU62-R3						
SWMU62-R2						
SWMU62-R1						
MRP-MW3						

Notes:
 C = Cannister kept in use.
 IC = Installed cannister
 IS = Installed sock

NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Replaced sock

Other Wells

NAME: Dwight Johnson, Don Bolmer, Scott Elkind

Month/Year: April 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Site	Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/ Maintenance	Notes
NMCB	02-815	3-30-12	13.16	13.13	.03	IS	
	02-300	}	9.46	9.32	.14	IS	
	02-463		9.05	NP			
	NMCB-10		10.54	NP		RS	
	02-497		6.74	NP			
	NMCB-07		9.28	9.16	.12	RS/IC	
	02-818		8.68	8.65	.03	IS	
SA 80	04-157		15.64	10.31 10.31	10.78 10.78	1.14	Bailer
	04-158		11.88	11.47			
	04-173		10.31	NP			
SWMU 58	12-203		10.85	10.78	.07	IS	
SWMU 60	652		7.79	7.71	.08	IS	
	653		7.71	NP		RS	
SA 80	04-157	3-30-12	16.29	15.95	.34	IC	After Bailing

Notes:
 C = Cannister kept in use
 IC = Installed cannister
 IS = Installed sock
 NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Changed sock

Other Wells

NAME: Dwight Johnson, Don Balmar, Scott Elkind

Month/Year: April 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Site	Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes	
NMCB	02-815	3-31-12						
	02-300	}						
	02-463							
	NMCB-10							
	02-497							
	NMCB-07		8.95	8.44	.01	C	.29	
	02-818							
SA 80	04-157		}	15.80	15.62	.18	C	0.00
	04-158							
	04-173							
SWMU 58	12-203							
SWMU 60	652	}						
	653			3-31-12				

Notes:
 C = Cannister kept in use
 IC = Installed cannister
 IS = Installed sock
 NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Changed sock

Other Wells

NAME: Dwight Johnson, Don Balmer, Scott Elkinel

Month/Year: April 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Site	Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
NMCB	02-815	4-1-12					
	02-300	}					
	02-463						
	NMCB-10						
	02-497						
	NMCB-07		9.25	9.23	.02	RC/IS	0.00
	02-818						
SA 80	04-157			16.11	16.05	.06	C
	04-158						
	04-173						
SWMU 58	12-203						
SWMU 60	652						
	653	4-1-12					

Notes:
 C = Cannister kept in use
 IC = Installed cannister
 IS = Installed sock
 NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Changed sock

Other Wells

NAME: Dwight Johnson

Month/Year: April 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Site	Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/ Maintenance	Notes
NMCB	02-815						
	02-300						
	02-463						
	NMCB-10						
	02-497						
	NMCB-07						
	02-818						
SA 80	04-157	4-2-12	16.08	NP		RC	.11
	04-158						
	04-173						
SWMU 58	12-203						
SWMU 60	652						
	653						

Notes:

C = Cannister kept in use
 IC = Installed cannister
 IS = Installed sock

NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Changed sock



SEALASKA ENVIRONMENTAL

Boom Inspection Form

Task Order 43

Boom Location: 2	Time/Date: 1100 4-4-12
Description of Boom Before Maintenance: <i>Satisfactory</i>	Photograph (s) Time/Date Stamp: 1320 4-5-12
Boom Repaired (Y/N): Description:	Boom Replaced (Y/N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination: <div style="display: flex; align-items: flex-start;"> <div style="flex: 1;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="flex: 2;"> </div> </div>	
Inspector: <i>Dwight Johnson</i>	Signature: <i>Dwight Johnson</i>



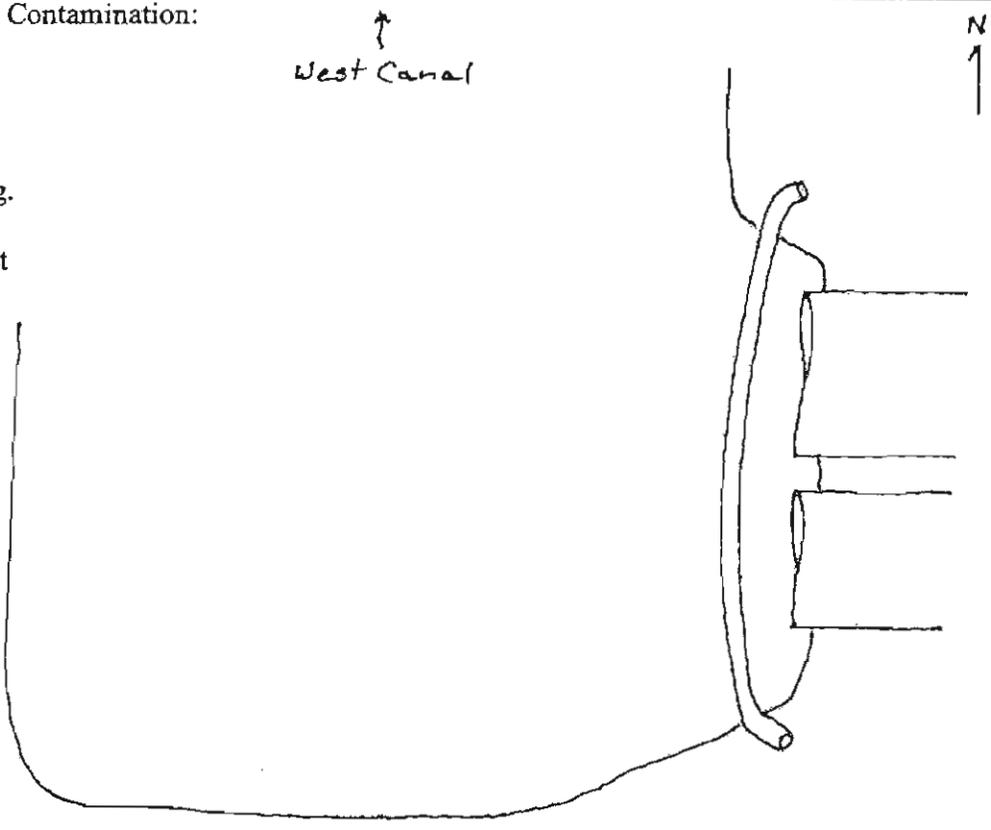
Boom Inspection Form

Task Order 43

Boom Location: 3	Time/Date: 1100 4-4-12
Description of Boom Before Maintenance: West end of boom untied Boom on east bank of canal	Photograph (s) Time/Date Stamp: 1320 4-5-12
Boom Repaired (Y/N): Description: Retied boom	Boom Replaced (Y/N) Number of sections: 4 Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination:	
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 60%; text-align: center;"> <p>East Canal</p> </div> </div>	
Inspector: 	Signature:

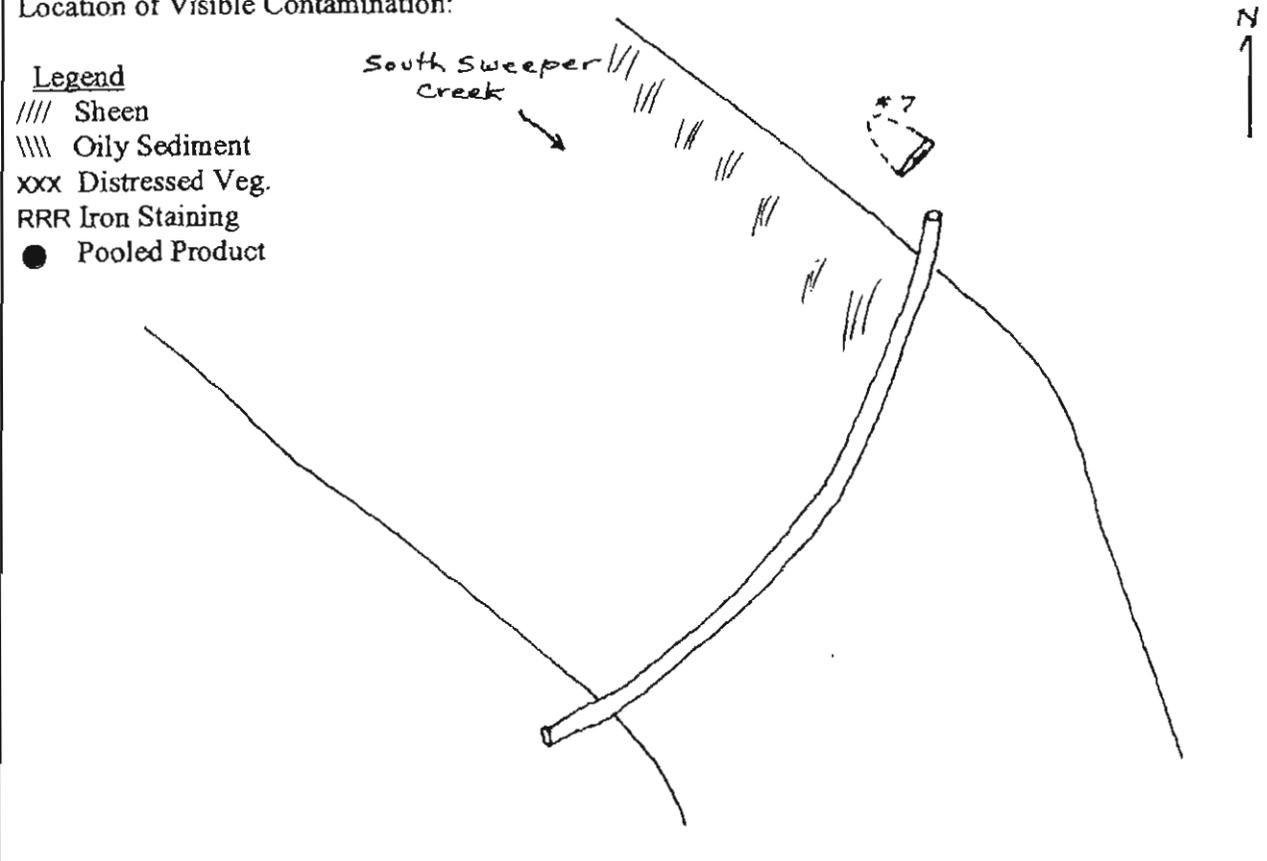
Boom Inspection Form

Task Order 43

Boom Location: 4	Time/Date: 1100 4-4-12
Description of Boom Before Maintenance: Satis factory	Photograph (s) Time/Date Stamp: 1336 4-5-12
Boom Repaired (Y/N): Description:	Boom Replaced (Y/N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination: <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 60%; text-align: center;"> <p>↑ West Canal</p>  </div> </div>	
Inspector: Dwight Johnson	Signature: 

Boom Inspection Form

Task Order 43

Boom Location: 6	Time/Date: 1100 4-4-12
Description of Boom Before Maintenance: Disconnected in middle	Photograph (s) Time/Date Stamp: 1339 4-5-12
Boom Repaired (Y/N): Description: Boom retied and reconnected.	Boom Replaced (Y/N) Number of sections: 3 Description: 3 middle sections replaced.
Visual Observations	
Visible Contamination (Y/N): * Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N): Location #6 contained the boom after it was retied and Location #10 could not contain boom until replaced	Sheen Present on Water (Y/N): * Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?
Location of Visible Contamination:	
Legend /// Sheen \\\ Oily Sediment xxx Distressed Veg. RRR Iron Staining ● Pooled Product	
Inspector: Dwight Johnson	Signature: Dwight Johnson



SEALASKA ENVIRONMENTAL

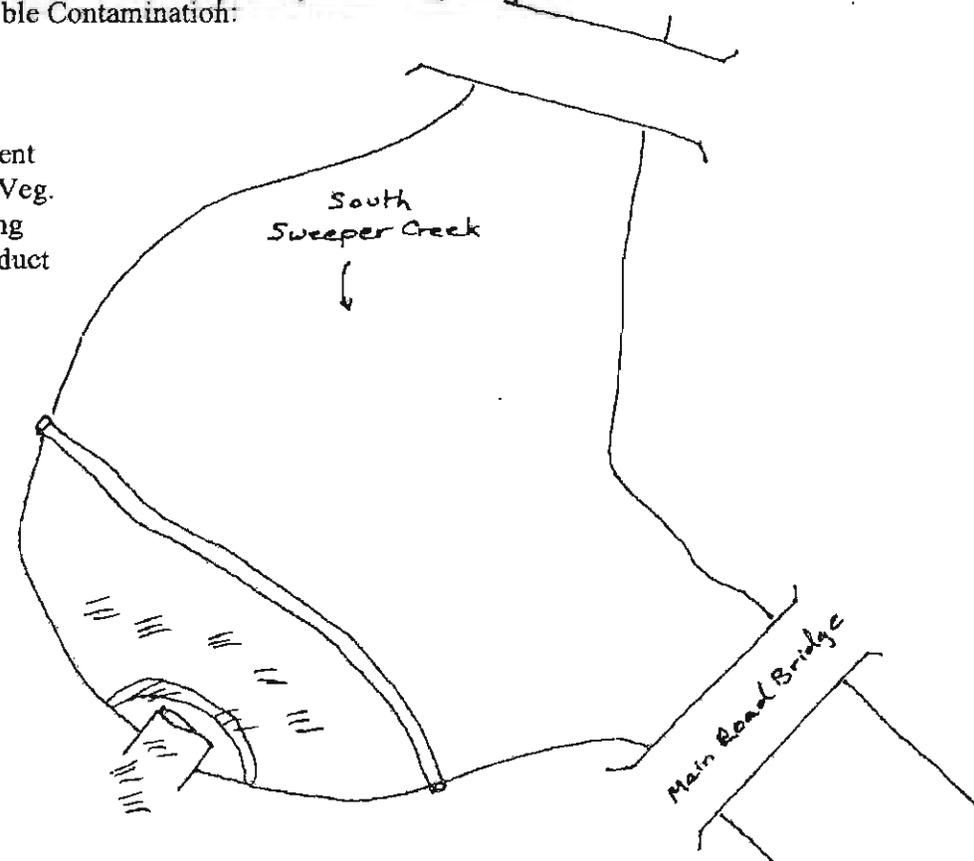
Boom Inspection Form

Task Order 43

Boom Location: 8	Time/Date: 1100 4-4-12
Description of Boom Before Maintenance: Untied and north of location	Photograph (s) Time/Date Stamp: 1320 4-5-12
Boom Repaired (Y/N): Description: Boom retied into place.	Boom Replaced (Y/N): Number of sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads? No, pooled product visible under ice.	
Location of Visible Contamination: <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 60%; text-align: center;"> <p style="text-align: center;">East Canal</p> </div> </div>	
Inspector: Dwight Johnson	Signature:

Boom Inspection Form

Task Order 43

Boom Location: 10	Time/Date: 1100 4-4-12
Description of Boom Before Maintenance: <i>Water logged</i>	Photograph (s) Time/Date Stamp: 1338 4-5-12
Boom Repaired (Y/N): Description:	Boom Replaced (Y/N) Number of sections: 10 Description: <i>Replaced 10 sections</i>
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
<i>The culvert had collapsed, leaking into the location</i> Location of Visible Contamination:	
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 60%; text-align: center;">  <p style="text-align: right; margin-right: 20px;">N ↑</p> </div> </div>	
Inspector: <i>Dwight Johnson</i>	Signature: <i>Dwight Johnson</i>



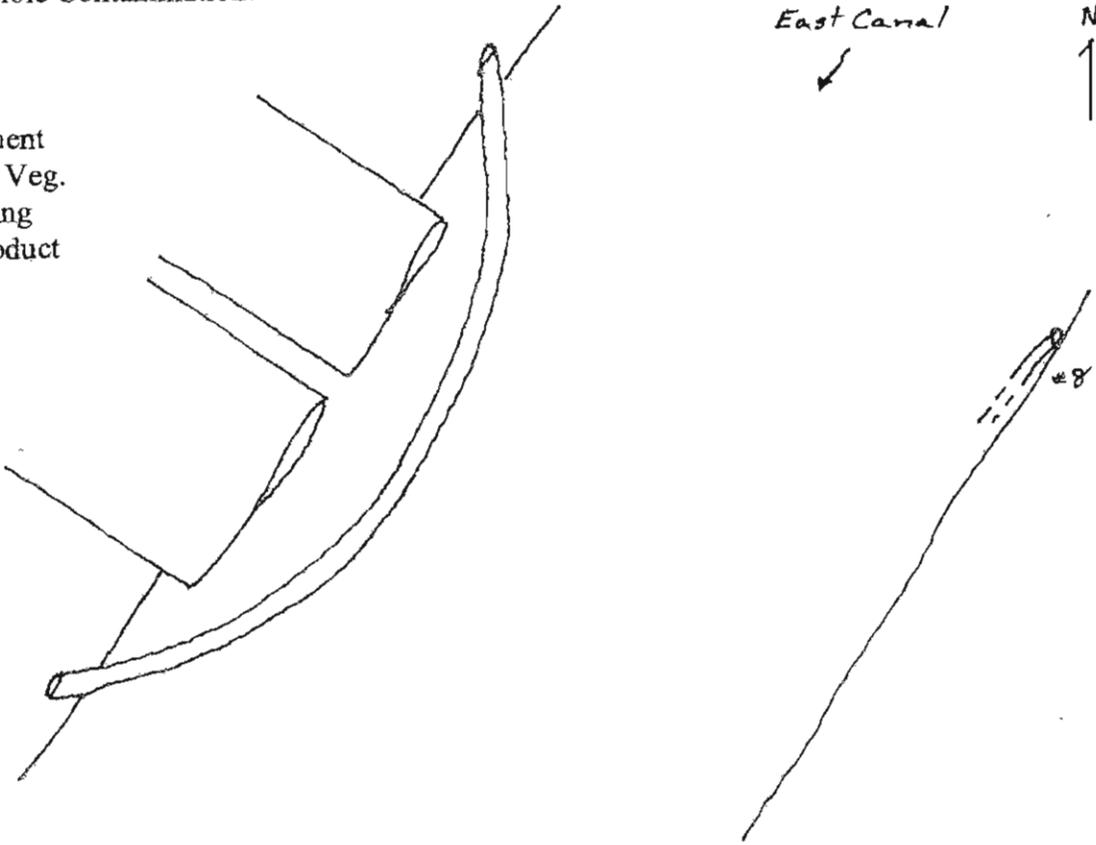
Boom Inspection Form

Task Order 43

Boom Location: 11	Time/Date: <u>H00 4-4-12</u>
Description of Boom Before Maintenance: <u>Frozen in ice</u>	Photograph (s) Time/Date Stamp: <u>1328 4-5-12</u>
Boom Repaired (Y/N): Description: <u>Pulled it out of ice</u>	Boom Replaced (Y/N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination:	
Legend /// Sheen \\\ Oily Sediment xxx Distressed Veg. RRR Iron Staining ● Pooled Product	<div style="text-align: center;"> <u>East Canal</u> ↓ </div> <div style="text-align: right; margin-top: 20px;"> ↖ # 9/12 ↑ N </div>
Inspector: <u>Dwight Johnson</u>	Signature: <u>Dwight Johnson</u>

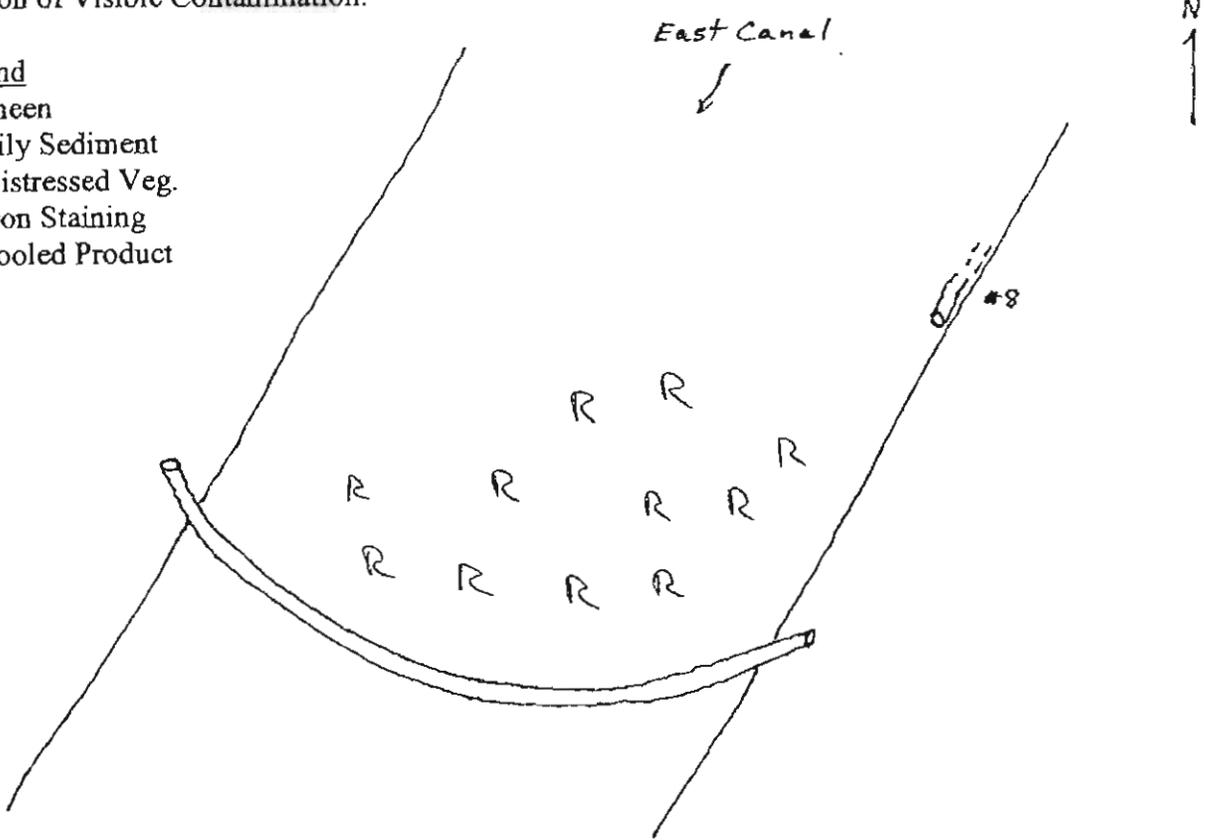
Boom Inspection Form

Task Order 43

Boom Location: 2	Time/Date: 5-17-12
Description of Boom Before Maintenance: <i>Unsatisfactory, water logged</i>	Photograph (s) Time/Date Stamp: 1502 5-17-12
Boom Repaired (Y/N): Description: <i>Tied boom to new stakes.</i>	Boom Replaced (Y/N) Number of sections: 2 Description: <i>Replaced Both sections</i>
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N): Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination: <div style="display: flex; align-items: flex-start;"> <div style="flex: 1;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\\\\\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="flex: 2;">  </div> </div>	
Inspector: <i>Dwight Johnson</i>	Signature: <i>Dwight Johnson</i>

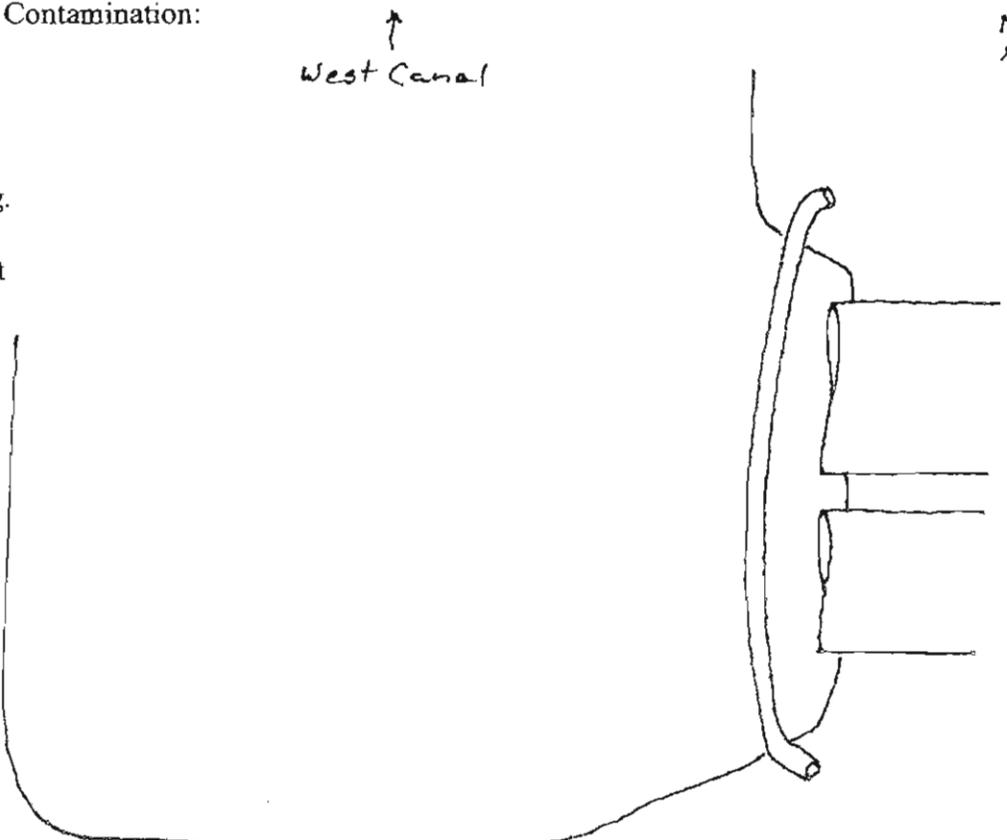
Boom Inspection Form

Task Order 43

Boom Location: 3	Time/Date: 5-17-12
Description of Boom Before Maintenance: <i>Satisfactory</i>	Photograph (s) Time/Date Stamp: 1502 5-17-12
Boom Repaired (Y/N): Description:	Boom Replaced (Y/N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination:	
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 65%; text-align: center;"> <p>East Canal</p>  </div> </div>	
Inspector: <i>Dwight Johnson</i>	Signature: <i>Dwight Johnson</i>

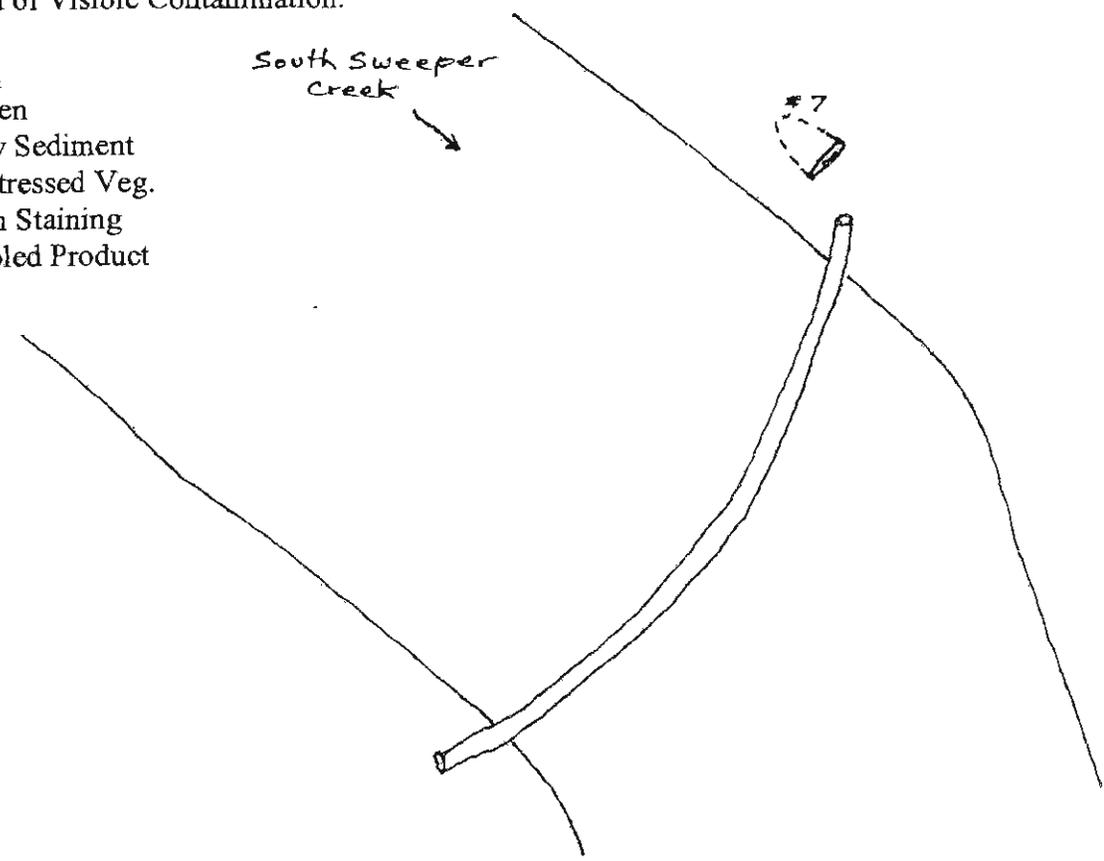
Boom Inspection Form

Task Order 43

Boom Location: 4	Time/Date: <div style="text-align: center; font-size: 1.2em;">5-17-12</div>		
Description of Boom Before Maintenance: <div style="font-size: 1.2em;">Satisfactory</div>	Photograph (s) Time/Date Stamp: <div style="font-size: 1.2em;">1511 5-17-12</div>		
Boom Repaired (Y / <input checked="" type="radio"/> N): Description:	Boom Replaced (Y / <input checked="" type="radio"/> N) Number of sections: Description:		
<p><u>Visual Observations</u></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"> Visible Contamination (Y / <input checked="" type="radio"/> N): Iron Staining (Y / <input checked="" type="radio"/> N): Oily Sediment/Soil (Y / <input checked="" type="radio"/> N): Distressed Vegetation (Y / <input checked="" type="radio"/> N): </td> <td style="width: 50%; border: none;"> Sheen Present on Water (Y / <input checked="" type="radio"/> N): Is the Boom containing the Sheen? (Y / N): Pooled Product (Y / <input checked="" type="radio"/> N): If yes, was product removed with sorbent pads? </td> </tr> </table>		Visible Contamination (Y / <input checked="" type="radio"/> N): Iron Staining (Y / <input checked="" type="radio"/> N): Oily Sediment/Soil (Y / <input checked="" type="radio"/> N): Distressed Vegetation (Y / <input checked="" type="radio"/> N):	Sheen Present on Water (Y / <input checked="" type="radio"/> N): Is the Boom containing the Sheen? (Y / N): Pooled Product (Y / <input checked="" type="radio"/> N): If yes, was product removed with sorbent pads?
Visible Contamination (Y / <input checked="" type="radio"/> N): Iron Staining (Y / <input checked="" type="radio"/> N): Oily Sediment/Soil (Y / <input checked="" type="radio"/> N): Distressed Vegetation (Y / <input checked="" type="radio"/> N):	Sheen Present on Water (Y / <input checked="" type="radio"/> N): Is the Boom containing the Sheen? (Y / N): Pooled Product (Y / <input checked="" type="radio"/> N): If yes, was product removed with sorbent pads?		
<p>Location of Visible Contamination:</p> <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 30%;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 60%; text-align: center;"> <p style="font-size: 1.5em;">↑</p> <p style="font-size: 1.2em;">West Canal</p>  <p style="text-align: right; font-size: 1.5em;">N ↑</p> </div> </div>			
Inspector: <div style="font-size: 1.2em;">Dwight Johnson</div>	Signature: <div style="font-size: 1.2em;">Dwight Johnson</div>		

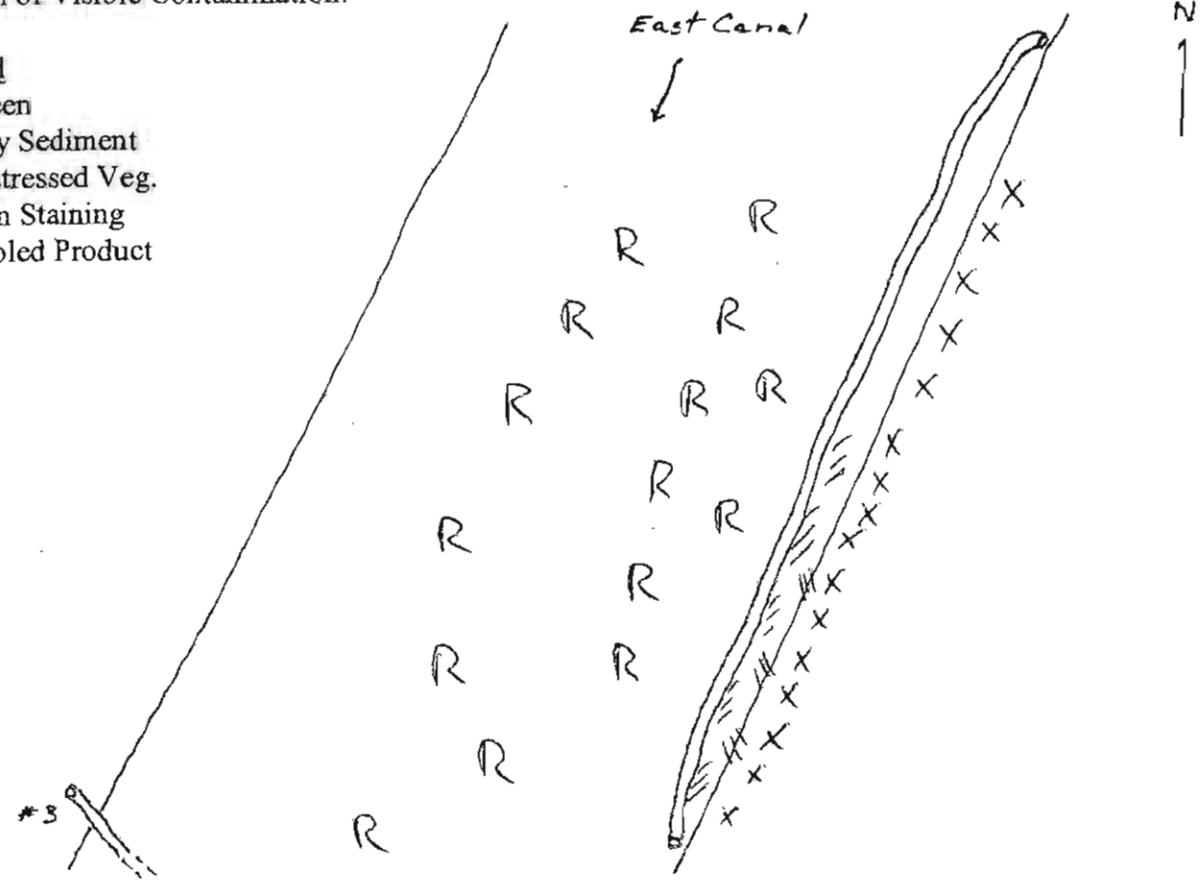
Boom Inspection Form

Task Order 43

Boom Location: 6	Time/Date: <div style="text-align: center; font-size: 1.2em;">5-17-12</div>
Description of Boom Before Maintenance: <div style="font-size: 1.2em; margin-top: 10px;">Satis factory</div>	Photograph (s) Time/Date Stamp: <div style="text-align: center; font-size: 1.2em; margin-top: 10px;">1514 5-17-12</div>
Boom Repaired (Y/N): Description:	Boom Replaced (Y/ <input checked="" type="radio"/>) Number of sections: Description:
Visual Observations Visible Contamination (Y/ <input checked="" type="radio"/>): Iron Staining (Y/ <input checked="" type="radio"/>): Oily Sediment/Soil (Y/ <input checked="" type="radio"/>): Distressed Vegetation (Y/ <input checked="" type="radio"/>):	
Sheen Present on Water (Y/ <input checked="" type="radio"/>): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/ <input checked="" type="radio"/>): If yes, was product removed with sorbent pads?	
Location of Visible Contamination:	
<div style="display: flex;"> <div style="flex: 1;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="flex: 2;">  <p style="margin-left: 20px;">South Sweeper Creek →</p> <p style="text-align: right; margin-right: 20px;">↑ N</p> </div> </div>	
Inspector: <div style="font-size: 1.2em; margin-top: 5px;">Dwight Johnson</div>	Signature: <div style="font-size: 1.2em; margin-top: 5px;">Dwight Johnson</div>

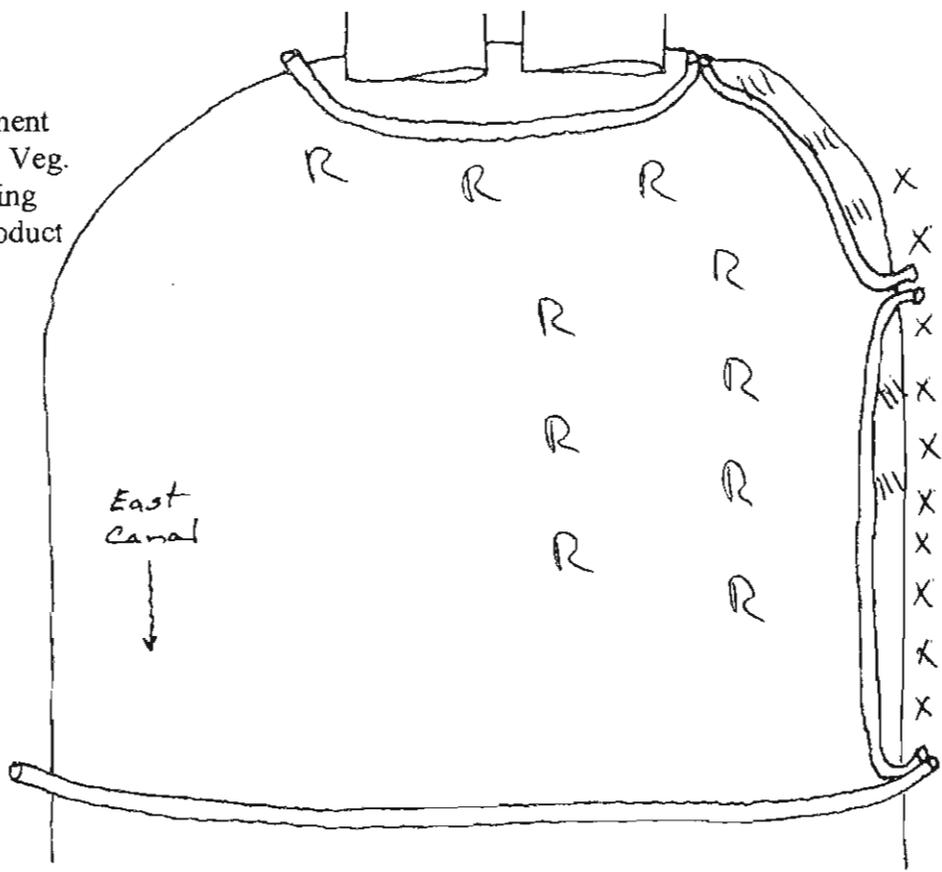
Boom Inspection Form

Task Order 43

Boom Location: 8	Time/Date: <div style="text-align: center; font-size: 1.2em;">5-17-12</div>
Description of Boom Before Maintenance: <i>Unsatifactory, water logged</i>	Photograph (s) Time/Date Stamp: <div style="text-align: center; font-size: 1.2em;">1503 5-17-12</div>
Boom Repaired (Y/N): Description: <i>Boom Replaced</i>	Boom Replaced (Y/N) Number of sections: 12 Description: <i>Replaced all sections</i>
Visual Observations	
Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?
Location of Visible Contamination:	
Legend /// Sheen \\\ Oily Sediment xxx Distressed Veg. RRR Iron Staining ● Pooled Product	
Inspector: <i>Dwight Johnson</i>	Signature: <i>Dwight Johnson</i>

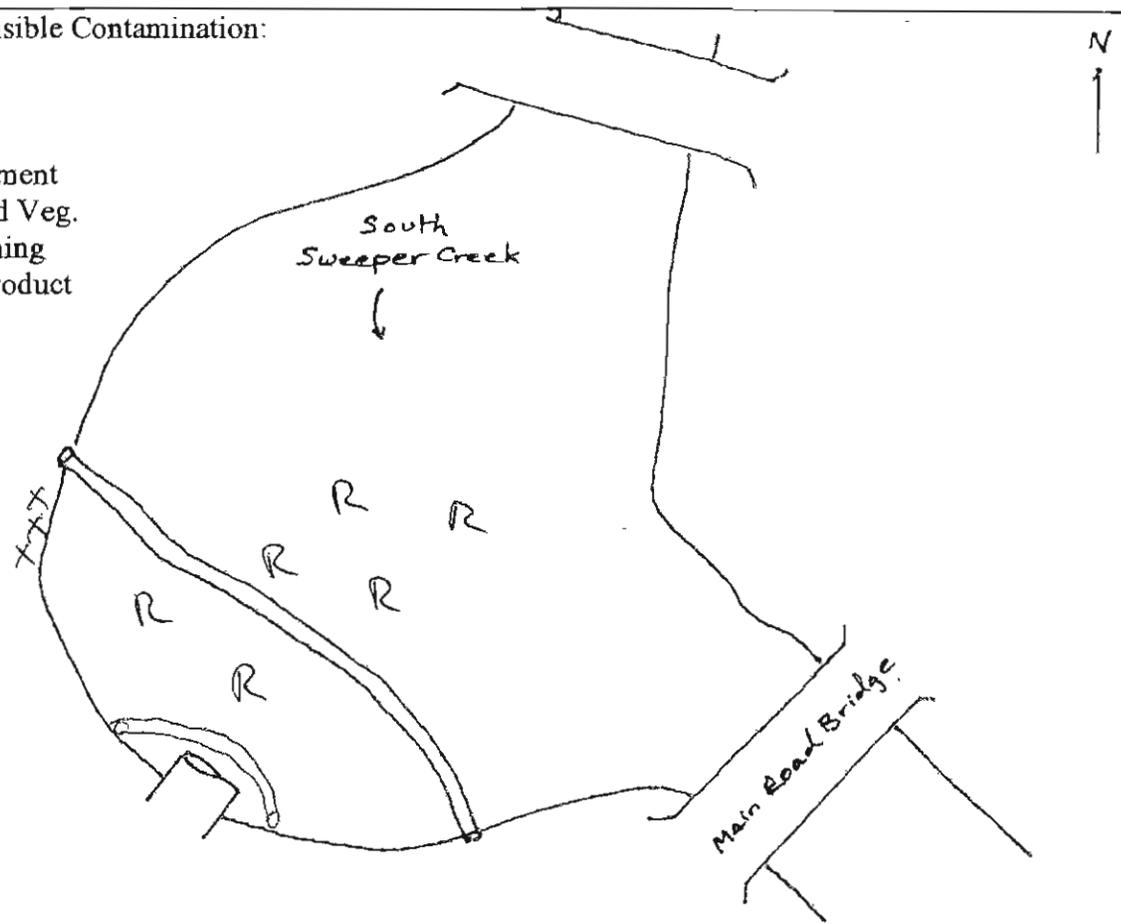
Boom Inspection Form

Task Order 43

Boom Location: 9/12	Time/Date: <div style="text-align: center; font-size: 1.2em;">5-17-12</div>
Description of Boom Before Maintenance: <i>Unsatifactory, waterlogged</i>	Photograph (s) Time/Date Stamp: <div style="text-align: center;">1505 5-17-12</div>
Boom Repaired (Y/N): Description: <i>Boom Replaced</i>	Boom Replaced (Y/N) Number of Sections: 24 Description: <i>Replaced all sections</i>
Visual Observations	
Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?
Location of Visible Contamination:	
Legend //// Sheen \\\ Oily Sediment xxx Distressed Veg. RRR Iron Staining ● Pooled Product	
Inspector: <i>Dwight Johnson</i>	Signature: 

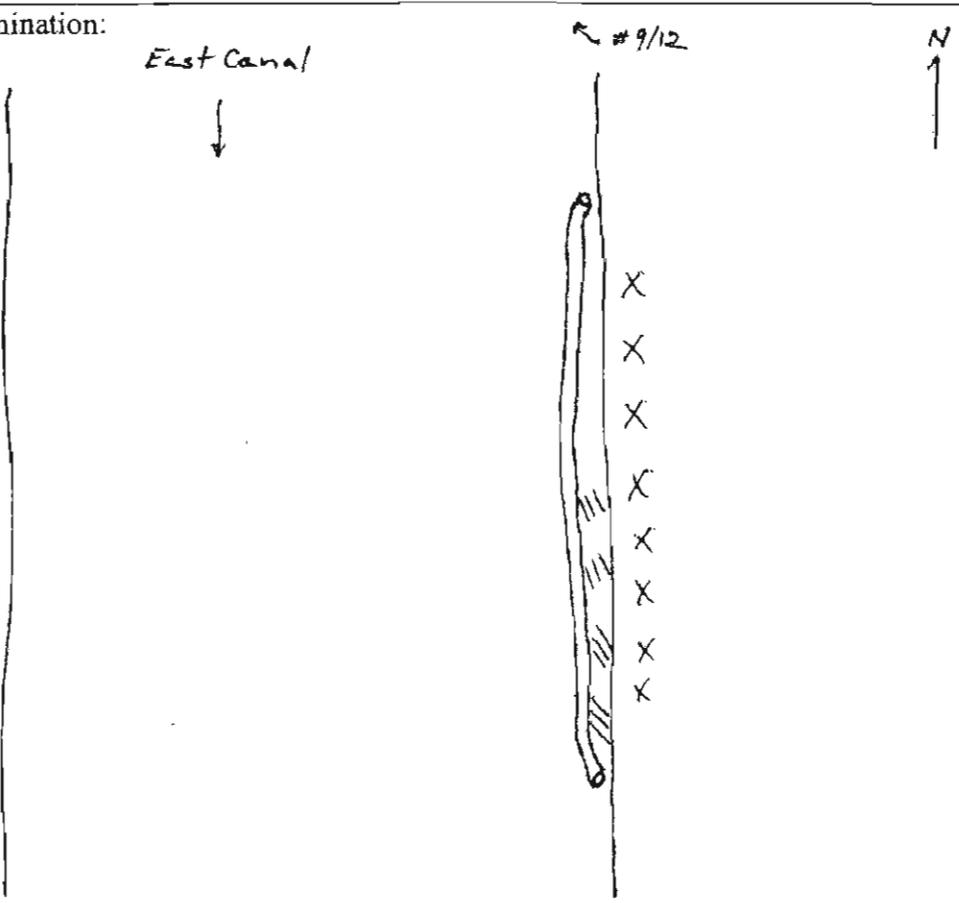
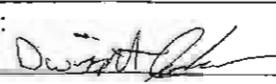
Boom Inspection Form

Task Order 43

Boom Location: 10	Time/Date: <div style="text-align: center; font-size: 1.2em;">5-17-12</div>
Description of Boom Before Maintenance: <div style="font-size: 1.2em; margin-top: 10px;">Satisfactory</div>	Photograph (s) Time/Date Stamp: <div style="margin-top: 10px;">1513 5-17-12</div>
Boom Repaired (Y/N): Description:	Boom Replaced (Y/N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination:	
<div style="display: flex;"> <div style="flex: 1;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>⊕ Pooled Product</p> </div> <div style="flex: 2;">  <p style="text-align: center;">South Sweeper Creek</p> <p style="text-align: right; margin-right: 20px;">N ↑</p> <p style="text-align: right; margin-right: 20px;">Main Road Bridge</p> </div> </div>	
Inspector: <div style="font-size: 1.2em; margin-top: 5px;">Dwight Johnson</div>	Signature: <div style="font-size: 1.2em; margin-top: 5px;">Dwight Johnson</div>

Boom Inspection Form

Task Order 43

Boom Location: 11	Time/Date: 5-17-12
Description of Boom Before Maintenance: Unsatisfactory, water logged	Photograph (s) Time/Date Stamp: 1506 5-17-12
Boom Repaired (Y/N): Description: Boom Replaced	Boom Replaced (Y/N) Number of sections: 4 Description: Replaced all sections.
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination: <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p> Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 60%; text-align: center;"> <p>East Canal</p> <p>↓</p>  </div> </div>	
Inspector: Dwight Johnson	Signature: 

SWMU 62, NEW HOUSING FUEL LEAK

NAME: Dwight Johnson / JOHN HIGHSTONE

Month/Year: June 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
MW-303-14	6/18/12	21.56			NP	
MW-303-12	[Hand-drawn wavy line]	20.69			NP	
RW-303-4		21.42			NP	
HMW-303-3		27.77	27.22	.55	IC	
RW-303-7		21.97			NP	
HMW-303-2		26.42			NP	
03-101		22.20	22.12	.08	C	.27L RECOVER
HMW-303-11		26.20	26.16	.04	IS	
03-518		26.62			NP	
MW-15		17.67	17.40	.27	BAILED	.12 L RECOVER
03-102		13.93	13.88	.05	C	
HMW-303-9		25.98			NP	
RW-303-15		27.42	27.13	.29	C	.60L RECOVER
RW-303-13		6.87			NP	
SWMU62-R6		6.62			NP	
SWMU62-R5		6.21			NP	
SWMU62-R4		6.51	6.44	.07	C	
SWMU62-R3		6.78	6.62	.16	C	
SWMU62-R2		6.82			NP	
SWMU62-R1	6.98			NP		
MRP-MW3	6/18/12	7.33			NP	

Notes:

- C = Cannister kept in use.
- IC = Installed cannister
- IS = Installed sock

- NP = No product observed
- RC = Removed cannister
- RS = Removed sock
- CHS = Replaced sock

SWMU 62, NEW HOUSING FUEL LEAK

NAME: Dwight Johnson

Month/Year: June²⁵ 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
MW-303-14	6/19/12					
MW-303-12						
RW-303-4						
HMW-303-3		27.67	27.25	.42	C	0.0 RECOVER
RW-303-7						
HMW-303-2						
03-101		22.15	22.14	.01	IS, RC	.10 RECOVER
HMW-303-11						
03-518						
MW-15		17.46	17.44	.02	IS	
03-102		13.92	13.90	.02	RC, IS	.10 RECOVER
HMW-303-9						
RW-303-15		27.44	27.15	.29	C	0.0 RECOVER
RW-303-13						
SWMU62-R6						
SWMU62-R5						
SWMU62-R4		6.46	6.41	.05	C	.06 RECOVER
SWMU62-R3		6.74	6.59	.15	C	.60 RECOVER
SWMU62-R2						
SWMU62-R1						
MRP-MW3	6/12/12					

Notes:

C = Cannister kept in use.
 IC = Installed cannister
 IS = Installed sock

NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Replaced sock

SWMU 62, NEW HOUSING FUEL LEAK

NAME: Dwight Johnson

Month/Year: June 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
MW-303-14						
MW-303-12						
RW-303-4						
HMW-303-3	6/20/12	27.61	27.28	.33	C	
RW-303-7						
HMW-303-2						
03-101						
HMW-303-11						
03-518						
MW-15						
03-102						
HMW-303-9						
RW-303-15	6/20/12	27.24	27.21	.03	C	.60 RECOVER
RW-303-13						
SWMU62-R6						
SWMU62-R5						
SWMU62-R4	6/20/12	6.33				
SWMU62-R3	6/20/12	6.64	6.49		C	.60 RECOVER
SWMU62-R2						
SWMU62-R1						
MRP-MW3						

Notes:
 C = Cannister kept in use.
 IC = Installed cannister
 IS = Installed sock

NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Replaced sock

SWMU 62, NEW HOUSING FUEL LEAK

NAME: Dwight Johnson
 J. Highstone

Month/Year: 06-21-2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
MW-303-14						
MW-303-12						
RW-303-4						
HMW-303-3	6-21-12	27.31	27.27	.4	C	.28
RW-303-7						
HMW-303-2						
03-101						
HMW-303-11						
03-518						
MW-15						
03-102						
HMW-303-9						
RW-303-15	6-21-12	27.16	27.11	.5	C	.12
RW-303-13						
SWMU62-R6						
SWMU62-R5						
SWMU62-R4						
SWMU62-R3	6-21-12	6.61	6.49	.12	C	.60
SWMU62-R2						
SWMU62-R1						
MRP-MW3						

Notes:
 C = Cannister kept in use.
 IC = Installed cannister
 IS = Installed sock

NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Replaced sock

SWMU 62, NEW HOUSING FUEL LEAK

NAME: Dwight Johnson
John Highstone ^{SR}

Month/Year: June ²² 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
MW-303-14						
MW-303-12						
RW-303-4						
HMW-303-3	6/22/12	27.34	27.33	.01	RC, IS	.12 RECOVER
RW-303-7						
HMW-303-2						
03-101						
HMW-303-11						
03-518						
MW-15						
03-102						
HMW-303-9						
RW-303-15	6/22/12	27.19	27.17	.02	C	.08 RECOVER
RW-303-13						
SWMU62-R6						
SWMU62-R5						
SWMU62-R4						
SWMU62-R3	6/22/12	6.64	6.49	.15	C	.60 RECOVER
SWMU62-R2						
SWMU62-R1						
MRP-MW3						

Notes:

C = Cannister kept in use.
IC = Installed cannister
IS = Installed sock

NP = No product observed
RC = Removed cannister
RS = Removed sock
CHS = Replaced sock

SWMU 62, NEW HOUSING FUEL LEAK

NAME: ~~Dwight Johnson~~ *John Hughtone*

Month/Year: *June 02* 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
MW-303-14						
MW-303-12						
RW-303-4						
HMW-303-3						
RW-303-7						
HMW-303-2						
03-101						
HMW-303-11						
03-518						
MW-15						
03-102						
HMW-303-9						
RW-303-15	<i>6/23/12</i>	<i>27.23</i>	<i>27.22</i>	<i>.01</i>	<i>RC, IS</i>	
RW-303-13						
SWMU62-R6						
SWMU62-R5						
SWMU62-R4						
SWMU62-R3	<i>6/23/12</i>	<i>6.74</i>	<i>6.59</i>	<i>.15</i>	<i>C</i>	<i>.60 RECOVER</i>
SWMU62-R2						
SWMU62-R1						
MRP-MW3						

Notes:
 C = Cannister kept in use.
 IC = Installed cannister
 IS = Installed sock
 NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Replaced sock

SWMU 62, NEW HOUSING FUEL LEAK

NAME: ~~Dwight Johnson~~ *John Highstone*

Month/Year: *June* 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
MW-303-14						
MW-303-12						
RW-303-4						
HMW-303-3						
RW-303-7						
HMW-303-2						
03-101						
HMW-303-11						
03-518						
MW-15						
03-102						
HMW-303-9						
RW-303-15						
RW-303-13						
SWMU62-R6						
SWMU62-R5						
SWMU62-R4						
SWMU62-R3	<i>6/24/12</i>	<i>10.79</i>	<i>6.64</i>	<i>.15</i>	<i>C</i>	<i>.12 recover</i>
SWMU62-R2						
SWMU62-R1						
MRP-MW3						

Notes:
 C = Cannister kept in use.
 IC = Installed cannister
 IS = Installed sock

NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Replaced sock

Other Wells

NAME: Dwight Johnson / JOHN HIGGINS

Month/Year: June 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Site	Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
NMCB	02-815	6/18/12	14.03			RS	
	02-300	}	10.33	10.29	.04	CHS	
	02-463		10.03			NP	
	NMCB-10		11.02			NP	
	02-497		7.25			NP	
	NMCB-07		10.36			RS	
	02-818		9.54			RS	
SA 80	04-157		}	18.53	18.31	.22	C
	04-158	17.43		16.97	.46	C	.50 L RECOVER
	04-173	13.89		13.85	.04	IS	
SWMU 58	12-203		12.55	12.49	.06	CHS	
SWMU 60	652	6/18/12	9.62			RS	
	653		10.08			NP	

Notes:
 C = Cannister kept in use
 IC = Installed cannister
 IS = Installed sock
 NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Changed sock

Other Wells

NAME: Dwight Johnson

Month/Year: June²⁰¹² 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Site	Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
NMCB	02-815	6/19/12					
	02-300	↓					
	02-463						
	NMCB-10						
	02-497						
	NMCB-07						
	02-818						
SA 80	04-157			18.49	18.27	.22	C
	04-158		17.70	17.31	.39	C	O. RECOVER
	04-173						
SWMU 58	12-203						
SWMU 60	652	6/19/12					
	653						

Notes

C = Cannister kept in use

IC = Installed cannister

IS = Installed sock

NP = No product observed

RC = Removed cannister

RS = Removed sock

CHS = Changed sock

Other Wells

NAME: Dwight Johnson

Month/Year: June²⁰ 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Site	Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
NMCB	02-815						
	02-300						
	02-463						
	NMCB-10						
	02-497						
	NMCB-07						
	02-818						
SA 80	04-157	6/20/12	18.41	18.22	.19	C	0.0 RECOVER
	04-158	6/20/12	17.93	17.62	.31	C	.26 RECOVER
	04-173						
SWMU 58	12-203						
SWMU 60	652						
	653						

Notes:
 C = Cannister kept in use
 IC = Installed cannister
 IS = Installed sock
 NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Changed sock

Other Wells

NAME: Dwight Johnson
 J. Highstone

Month/Year: 06-21-2012

TO 43 Groundwater Levels and Product Thickness Measurements

Site	Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
NMCB	02-815						
	02-300						
	02-463						
	NMCB-10						
	02-497						
	NMCB-07						
	02-818						
SA 80	04-157	06-21-12	18.70	18.65	05	C	.45
	04-158	06-21-12	18.15	17.98	.17	C	.39
	04-173						
SWMU 58	12-203						
SWMU 60	652						
	653						

Notes:
 C = Cannister kept in use
 IC = Installed cannister
 IS = Installed sock
 NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Changed sock

Other Wells

NAME: Dwight Johnson
John Highstone ^{SR}

Month/Year: June ²⁰ 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Site	Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/ Maintenance	Notes
NMCB	02-815						
	02-300						
	02-463						
	NMCB-10						
	02-497						
	NMCB-07						
	02-818						
SA 80	04-157	6/22/12	18.71	18.68	.03	C	.48 RECOVER
	04-158	6/22/12	18.10	17.96	.14	C	.35 RECOVER
	04-173						
SWMU 58	12-203						
SWMU 60	652						
	653						

Notes:
 C = Cannister kept in use
 IC = Installed cannister
 IS = Installed sock
 NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Changed sock

Other Wells

NAME: ~~Dwight Johnson~~ ⁰²
John Highstone

Month/Year: June ⁰² 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Site	Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/ Maintenance	Notes
NMCB	02-815						
	02-300						
	02-463						
	NMCB-10						
	02-497						
	NMCB-07						
	02-818						
SA 80	04-157	6/23/12	18.19	18.17	.02	C	0.0 RECOVER
	04-158	6/23/12	17.86	17.79	.07	C	.16 RECOVER
	04-173						
SWMU 58	12-203						
SWMU 60	652						
	653						

Notes:
 C - Cannister kept in use
 IC = Installed cannister
 IS = Installed sock
 NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Changed sock

Other Wells

NAME: Dwight Johnson *[Signature]*
John Heshstone

Month/Year: June th 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Site	Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/ Maintenance	Notes
NMCB	02-815						
	02-300						
	02-463						
	NMCB-10						
	02-497						
	NMCB-07						
	02-818						
SA 80	04-157	6/24/12	18.60	18.58	.02	C	
	04-158	6/24/12	18.04	18.02	.02	C	.15 BELOW
	04-173						
SWMU 58	12-203						
SWMU 60	652						
	653						

Notes:
 C = Cannister kept in use
 IC = Installed cannister
 IS = Installed sock
 NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Changed sock



Boom Inspection Form

Task Order 43

Boom Location: 2	Time/Date: <u>6/20/12</u>
Description of Boom Before Maintenance: <u>Satisfactory</u>	Photograph (s) Time/Date Stamp:
Boom Repaired (Y/ <input checked="" type="radio"/> N): Description:	Boom Replaced (Y/ <input checked="" type="radio"/> N) Number of sections: Description:
Visual Observations Visible Contamination (Y/ <input checked="" type="radio"/> N) Iron Staining (Y/ <input checked="" type="radio"/> N) Oily Sediment/Soil (Y/ <input checked="" type="radio"/> N) Distressed Vegetation (Y/ <input checked="" type="radio"/> N)	
Sheen Present on Water (Y/ <input checked="" type="radio"/> N) Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/ <input checked="" type="radio"/> N) If yes, was product removed with sorbent pads?	
Location of Visible Contamination: <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\\\\\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 60%; text-align: right;"> <p><u>East Canal</u> N</p> <p>↓ ↑</p> </div> </div>	
Inspector:	Signature:



Boom Inspection Form

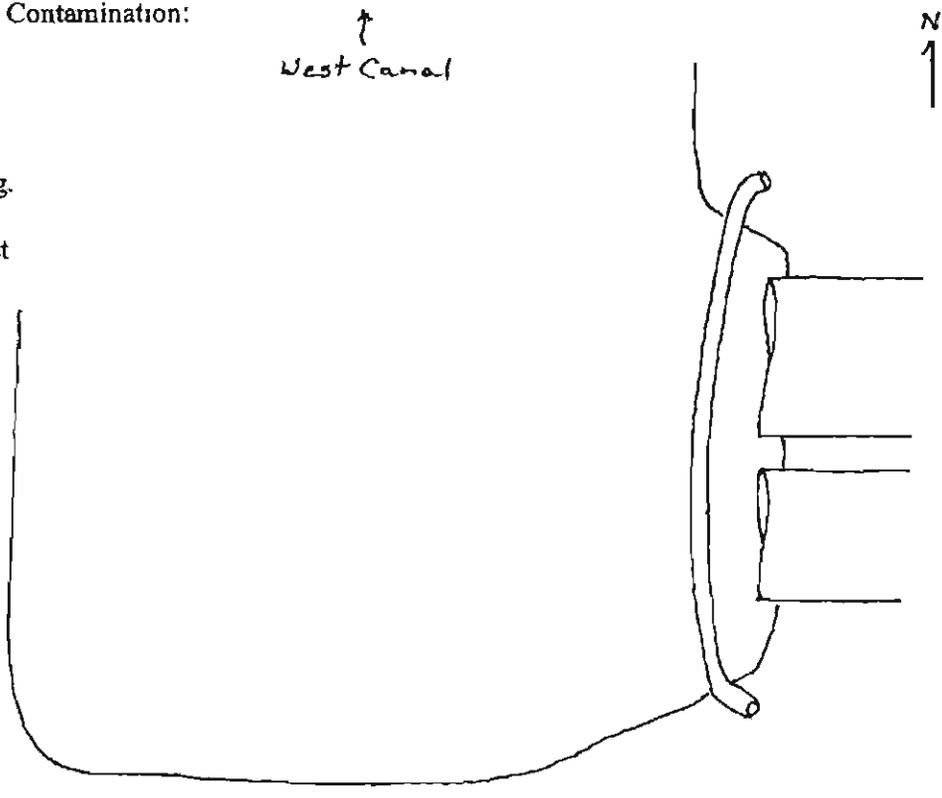
Task Order 43

Boom Location: 3	Time/Date: <u>6/20/12</u>
Description of Boom Before Maintenance: <u>Satisfactory</u>	Photograph (s) Time/Date Stamp:
Boom Repaired (Y / <input checked="" type="radio"/> N) Description:	Boom Replaced (Y / <input checked="" type="radio"/> N) Number of sections: Description:
Visual Observations Visible Contamination (Y / <input checked="" type="radio"/> N) Iron Staining (<input checked="" type="radio"/> Y / <input checked="" type="radio"/> N): Oily Sediment/Soil (Y / <input checked="" type="radio"/> N) Distressed Vegetation (Y / <input checked="" type="radio"/> N)	
Sheen Present on Water (Y / <input checked="" type="radio"/> N) Is the Boom containing the Sheen? (Y / N): Pooled Product (Y / <input checked="" type="radio"/> N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination:	
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p><u>Legend</u></p> <p>/// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 60%; text-align: center;"> <p><u>East Canal</u></p> </div> </div>	
Inspector:	Signature:



Boom Inspection Form

Task Order 43

Boom Location: 4	Time/Date: 6/20/12
Description of Boom Before Maintenance: Satisfactory	Photograph (s) Time/Date Stamp:
Boom Repaired (Y/N): (N) Description:	Boom Replaced (Y/N): (N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N): (N) Iron Staining (Y/N): (N) Oily Sediment/Soil (Y/N): (N) Distressed Vegetation (Y/N): (N)	
Sheen Present on Water (Y/N): (N) Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): (N) If yes, was product removed with sorbent pads?	
Location of Visible Contamination: <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="width: 40%;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 50%; text-align: center;"> <p>↑ West Canal</p>  </div> </div>	
Inspector:	Signature:



Boom Inspection Form

Task Order 43

Boom Location: 6	Time/Date: 6/20/12
Description of Boom Before Maintenance: <i>Satisfactory</i>	Photograph (s) Time/Date Stamp:
Boom Repaired (Y / <input checked="" type="radio"/> N): Description:	Boom Replaced (Y / <input checked="" type="radio"/> N) Number of sections: Description:
Visual Observations Visible Contamination (Y / <input checked="" type="radio"/> N): Iron Staining (Y / <input checked="" type="radio"/> N): Oily Sediment/Soil (Y / <input checked="" type="radio"/> N): Distressed Vegetation (Y / <input checked="" type="radio"/> N):	
Sheen Present on Water (Y / <input checked="" type="radio"/> N): Is the Boom containing the Sheen? (Y / N): Pooled Product (Y / <input checked="" type="radio"/> N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination: <div style="display: flex; align-items: flex-start;"> <div style="flex: 1;"> <p><u>Legend</u></p> <p>/// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="flex: 2;"> <p style="text-align: center;"><i>South Sweeper Creek</i></p> </div> </div>	
Inspector:	Signature:



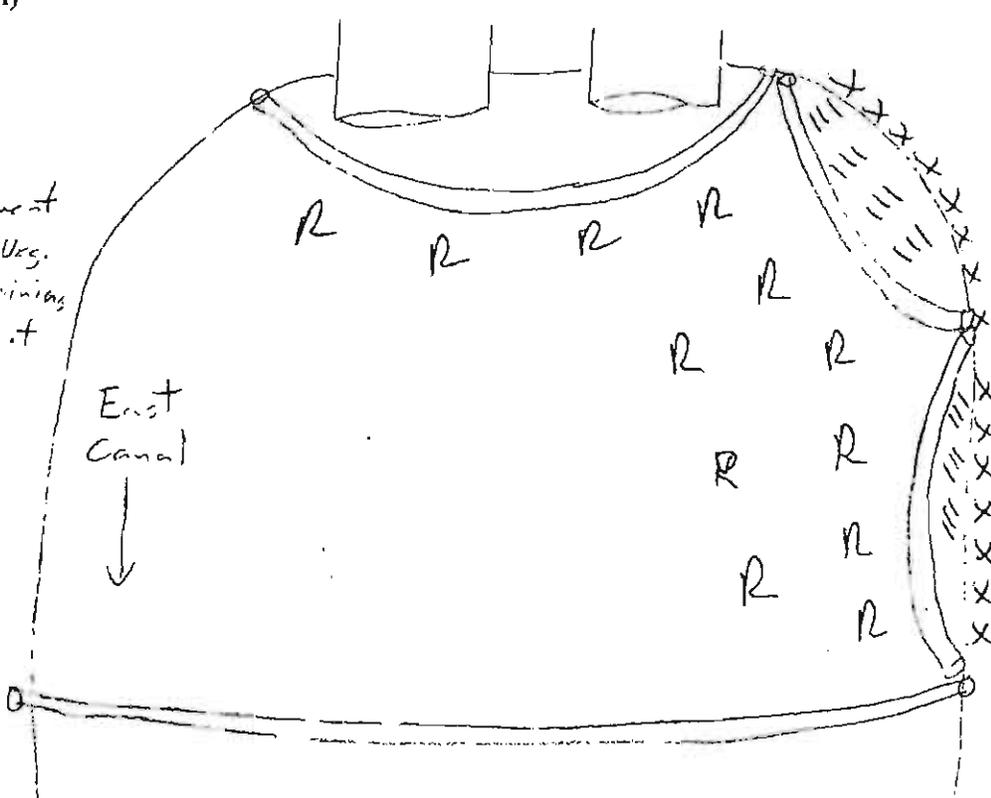
Boom Inspection Form

Task Order 43

Boom Location: 8	Time/Date: <i>6/20/12</i>
Description of Boom Before Maintenance: <i>Satisfactory</i>	Photograph (s) Time/Date Stamp:
Boom Repaired (Y <input checked="" type="radio"/> N): Description:	Boom Replaced (Y <input checked="" type="radio"/> N) Number of sections: Description:
Visual Observations Visible Contamination (Y <input checked="" type="radio"/> N): Iron Staining (Y <input checked="" type="radio"/> N): Oily Sediment/Soil (Y <input checked="" type="radio"/> N): Distressed Vegetation (Y <input checked="" type="radio"/> N):	
Sheen Present on Water (Y <input checked="" type="radio"/> N): Is the Boom containing the Sheen? (Y <input checked="" type="radio"/> N): Pooled Product (Y <input checked="" type="radio"/> N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination:	
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Legend</p> <p>//// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 50%; text-align: center;"> <p><i>East Canal</i></p> </div> </div>	
Inspector:	Signature:

Boom Inspection Form

Task Order 43

Boom Location: 9/12	Time/Date: 6/20/12	Inspector:								
Description of Boom Before Maintenance: <i>Satisfactory</i>		Photograph (s) Time/Date Stamp: <i>1254 6/20/12</i>								
Boom Repaired (Y <input checked="" type="radio"/> N): Description:		Boom Replaced (Y <input checked="" type="radio"/> N)/ Number of sections: Description:								
<p>Visual Observations</p> <table style="width: 100%;"> <tr> <td style="width: 50%;">Visible Contamination <input checked="" type="radio"/> (Y) / N):</td> <td style="width: 50%;">Sheen Present on Water <input checked="" type="radio"/> (Y) / N):</td> </tr> <tr> <td>Iron Staining <input checked="" type="radio"/> (Y) / N):</td> <td>Is the Boom containing the Sheen? <input checked="" type="radio"/> (Y) / N):</td> </tr> <tr> <td>Oily Sediment/Soil <input checked="" type="radio"/> (Y) / N):</td> <td>Pooled Product (Y <input checked="" type="radio"/> N):</td> </tr> <tr> <td>Distressed Vegetation <input checked="" type="radio"/> (Y) / N):</td> <td>If yes, was product removed with sorbent pads?</td> </tr> </table>			Visible Contamination <input checked="" type="radio"/> (Y) / N):	Sheen Present on Water <input checked="" type="radio"/> (Y) / N):	Iron Staining <input checked="" type="radio"/> (Y) / N):	Is the Boom containing the Sheen? <input checked="" type="radio"/> (Y) / N):	Oily Sediment/Soil <input checked="" type="radio"/> (Y) / N):	Pooled Product (Y <input checked="" type="radio"/> N):	Distressed Vegetation <input checked="" type="radio"/> (Y) / N):	If yes, was product removed with sorbent pads?
Visible Contamination <input checked="" type="radio"/> (Y) / N):	Sheen Present on Water <input checked="" type="radio"/> (Y) / N):									
Iron Staining <input checked="" type="radio"/> (Y) / N):	Is the Boom containing the Sheen? <input checked="" type="radio"/> (Y) / N):									
Oily Sediment/Soil <input checked="" type="radio"/> (Y) / N):	Pooled Product (Y <input checked="" type="radio"/> N):									
Distressed Vegetation <input checked="" type="radio"/> (Y) / N):	If yes, was product removed with sorbent pads?									
<p>Location of Visible Contamination: (draw diagram)</p> <div style="border: 1px solid black; padding: 10px;"> <p><u>Legend</u></p> <p>/// Sheen</p> <p>/// Oily Sediment</p> <p>XXX Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● P. led Product</p>  </div>										
Inspector:		Signature:								



Boom Inspection Form

Task Order 43

Boom Location: 10	Time/Date: 6/20/12
Description of Boom Before Maintenance: Satisfactory	Photograph (s) Time/Date Stamp:
Boom Repaired (Y/N): Description:	Boom Replaced (Y/N): Number of sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination:	
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>Legend</p> <p>//// Sheen</p> <p>\\\\\\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 65%; text-align: center;"> <p style="text-align: right; margin-right: 20px;">N ↑</p> </div> </div>	
Inspector:	Signature:



SEALASKA ENVIRONMENTAL

Boom Inspection Form

Task Order 43

Boom Location: 11	Time/Date: 6/20/12
Description of Boom Before Maintenance: Satisfactory	Photograph (s) Time/Date Stamp: 1256 6/20/12
Boom Repaired (Y/N): Description:	Boom Replaced (Y/N): Number of sections: Description:
Visual Observations	
Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?
Location of Visible Contamination:	
<p><u>Legend</u></p> <p>//// Sheen</p> <p>\\\\\\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p>	<div style="text-align: center;"> East Canal ↓ </div> <div style="text-align: right; margin-top: 20px;"> #9/12 ↖ </div> <div style="text-align: right; margin-top: 20px;"> N ↑ </div>
Inspector:	Signature:

SWMU 62, NEW HOUSING FUEL LEAK

NAME: JOHN HIGHTSTONE / ANDY LEWIS

Month/Year: 7/2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
MW-303-14	7/27/12	22.06			NP	
MW-303-12		21.12			NP	
RW-303-4		21.82			NP	
HMW-303-3		27.65			RS	
RW-303-7		22.35			NP	
HMW-303-2		27.74			NP	
03-101		22.41			NP	
HMW-303-11		26.49			RS	
03-518		26.97			NP	
MW-15		17.69			NP	
03-102		14.12			NP	
HMW-303-9		26.23			NP	
RW-303-15		27.50			RS	
RW-303-13		6.80			RS	
SWMU62-R6		6.55			NP	
SWMU62-R5		6.15	6.13	.02	IS	
SWMU62-R4		6.48	6.39	.09	C	.03 RECOVER
SWMU62-R3		6.69	6.56	.13	C	
SWMU62-R2		6.82	6.82			
SWMU62-R1		6.97	6.97			
MRP-MW3	7/27/12	7.72	7.72			

Notes:
 C = Cannister kept in use.
 IC = Installed cannister
 IS = Installed sock

NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Replaced sock

Other Wells

NAME: JOHN HIGHSTONE / ANDY LEWIS

Month/Year:

7/2012

TO 43 Groundwater Levels and Product Thickness Measurements

Site	Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/ Maintenance	Notes
NMCB	02-815	7/27/12	14.32	14.19	.13	IC	
	02-300		10.95	9.97		IC	
	02-463		10.31			NP	
	NMCB-10		11.27	10.93	.34	IC	
	02-497		7.54	7.04	.50	IC	
	NMCB-07		10.42	9.86	.56	IC	
	02-818		9.80	9.49	.31	IC	
SA 80	04-157	7/27/12	18.69	18.66	.03	C	.02 RECOVER
	04-158		18.81	18.79	.02	RC, IS	.12 RECOVER
	04-173		14.11	14.09		CHS	
SWMU 58	12-203	7/27/12	12.45	12.43	.02	CHS	
SWMU 60	652	7/27/12	9.78	9.76	.02	IS	
	653		10.95	10.91	.04	IS	

Notes:

C = Cannister kept in use
IC = Installed cannister
IS = Installed sock

NP = No product observed
RC = Removed cannister
RS = Removed sock
CHS = Changed sock

SWMU 62, NEW HOUSING FUEL LEAK

NAME: JOHN HIGHTSTONE / ANDY LEWIS

Month/Year: 7/2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
MW-303-14						
MW-303-12						
RW-303-4						
HMW-303-3						
RW-303-7						
HMW-303-2						
03-101						
HMW-303-11						
03-518						
MW-15						
03-102						
HMW-303-9						
RW-303-15						
RW-303-13						
SWMU62-R6						
SWMU62-R5						
SWMU62-R4	7/28/12	6.50	6.41	.09	C	.04L RECOVER
SWMU62-R3	7/28/12	6.73	6.58	.15	C	.60L RECOVER
SWMU62-R2						
SWMU62-R1						
MRP-MW3						

Notes:

C = Cannister kept in use.

IC = Installed cannister

IS = Installed sock

NP = No product observed

RC = Removed cannister

RS = Removed sock

CHS = Replaced sock

Other Wells

NAME: JOHN HIGGINS / ANDY LEWIS

Month/Year: 7/2012

TO 43 Groundwater Levels and Product Thickness Measurements

Site	Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/ Maintenance	Notes
NMCB	02-815	7/28/12	14.04	14.03	.01	RC, IS	.28L RECOVER
	02-300	7/28/12	10.35	10.18	.17	C	.25L RECOVER
	02-463						
	* NMCB-108	7/28/12	11.04	11.01	.03	IS	
	02-497	7/28/12	7.21	7.20	.01	RC, IS	.22L RECOVER
	* NMCB-07	7/28/12	10.54	9.95	.59	C	.02L RECOVER
* 02-818	7/28/12	9.55	9.53	.02	RC, IS		
SA 80	04-157	7/28/12	18.76	18.74	.02	RC, IS	.01L RECOVER
	04-158						
	04-173						
SWMU 58	12-203						
SWMU 60	652						
	653						

* TIDALLY INFLUENCED, LEVELS RAISE 100th EVERY 8 SECONDS *
 * SWAP OUT SKIMMER/INSTALL CANNISTER

Notes:
 C = Cannister kept in use
 IC = Installed cannister
 IS = Installed sock
 NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Changed sock

SWMU 62, NEW HOUSING FUEL LEAK

NAME: Andy Lewis & John Hshston

Month/Year: 7/ 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
MW-303-14						
MW-303-12						
RW-303-4						
HMW-303-3						
RW-303-7						
HMW-303-2						
03-101						
HMW-303-11						
03-518						
MW-15						
03-102						
HMW-303-9						
RW-303-15						
RW-303-13						
SWMU62-R6						
SWMU62-R5						
SWMU62-R4	7/29/12	6.57	6.47	.10	C	0.25L Recover
SWMU62-R3	7/29/12	6.77	6.65	.12	C	0.50L Recover
SWMU62-R2						
SWMU62-R1						
MRP-MW3						

Notes:

- C = Cannister kept in use.
- IC = Installed cannister
- IS = Installed sock

- NP = No product observed
- RC = Removed cannister
- RS = Removed sock
- CHS = Replaced sock

Other Wells

NAME: Andy Lewis & John Highstone

Month/Year:

7/ 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Site	Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/ Maintenance	Notes
NMCB	02-815						
	02-300	7-29-12	10.22	10.12	.10	C	.22 Recover
	02-463						
	NMCB-10	7-29-12	11.09	11.08	.01	S	Kept sock in with return to sock
	02-497						
	NMCB-07	7-29-12	10.31	9.97	.34	C	Placed two cans in well. (2) 0.30 Recover
	02-818						
SA 80	04-157						
	04-158						
	04-173						
SWMU 58	12-203						
SWMU 60	652						
	653						

Notes:
 C = Cannister kept in use
 IC = Installed cannister
 IS = Installed sock

NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Changed sock

SWMU 62, NEW HOUSING FUEL LEAK

NAME: JOHN HIGHSTONE / ANDY LEWIS

Month/Year: 7/2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/ Maintenance	Notes
MW-303-14						
MW-303-12						
RW-303-4						
HMW-303-3						
RW-303-7						
HMW-303-2						
03-101						
HMW-303-11						
03-518						
MW-15						
03-102						
HMW-303-9						
RW-303-15						
RW-303-13						
SWMU62-R6						
SWMU62-R5						
SWMU62-R4	7/30/12	6.59	6.51	.08	RC, IS	.03L RECOVER
SWMU62-R3	7/30/12	6.84	6.68	.16	C	.02 L RECOVER
SWMU62-R2						
SWMU62-R1						
MRP-MW3						

INSERTED DOUBLE SACK

Notes:
 C = Cannister kept in use.
 IC = Installed cannister
 IS = Installed sock

NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Replaced sock

Other Wells

NAME: JOHN HIGHSTONE / ANDY LEWIS

Month/Year: 7/2012

TO 43 Groundwater Levels and Product Thickness Measurements

Site	Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/ Maintenance	Notes
NMCB	02-815						
	02-300	7/30/12	10.19	10.14	.05	RC, IS	.03 RECOVER
	02-463						
	NMCB-10	7/30/12	11.01	NA	NA	CHS	MED. SHEEN - INSERTED DOUBLE SOCK
	02-497						
	NMCB-07	7/30/12	10.09	9.97	.12	C	.63L RECOVER
	02-818						
SA 80	04-157						
	04-158						
	04-173						
SWMU 58	12-203						
SWMU 60	652						
	653						

Notes:
 C = Cannister kept in use
 IC = Installed cannister
 IS = Installed sock
 NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Changed sock

SWMU 62, NEW HOUSING FUEL LEAK

NAME: Andy Lewis & John Hishstone

Month/Year: 7/2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/ Maintenance	Notes
MW-303-14						
MW-303-12						
RW-303-4						
HMW-303-3						
RW-303-7						
HMW-303-2						
03-101						
HMW-303-11						
03-518						
MW-15						
03-102						
HMW-303-9						
RW-303-15						
RW-303-13						
SWMU62-R6						
SWMU62-R5						
SWMU62-R4	7-31-12	6.59	6.52	0.7	Replaced with 2 socks CHS	3x socks
SWMU62-R3	7-31-12	6.81	6.69	0.12	Replaced with 3 socks CHS	3x socks
SWMU62-R2						
SWMU62-R1						
MRP-MW3						

Notes:

- C = Cannister kept in use.
- IC = Installed cannister
- IS = Installed sock

- NP = No product observed
- RC = Removed cannister
- RS = Removed sock
- CHS = Replaced sock

Other Wells

NAME: Andy Lewis & John Highstone

Month/Year: 7/2012

TO 43 Groundwater Levels and Product Thickness Measurements

Site	Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/ Maintenance	Notes
NMCB	02-815						
	02-300						
	02-463						
	NMCB-10	7/31/12	10.88	(Shoes) NA	NA	left sock in well (CHS)	will not return
	02-497						
	NMCB-07	7-31-12	10.83	9.74	0.09	RC, IS	will return later today to replace canister
	02-818						
SA 80	04-157						
	04-158						
	04-173						
SWMU 58	12-203						
SWMU 60	652						
	653						

Notes:
 C = Cannister kept in use
 IC = Installed cannister
 IS = Installed sock
 NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Changed sock

* 1600 7/31/12 NMCB-07 DTW = 9.81, DTP = 9.80 Replaced socks (2).

SWMU 62, NEW HOUSING FUEL LEAK

NAME: Andy Lewis & John Highstone

Month/Year: 2/2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/ Maintenance	Notes
MW-303-14						
MW-303-12						
RW-303-4						
HMW-303-3						
RW-303-7						
HMW-303-2						
03-101						
HMW-303-11						
03-518						
MW-15						
03-102						
HMW-303-9						
RW-303-15						
RW-303-13						
SWMU62-R6						
SWMU62-R5						
SWMU62-R4	8/1/12	6.61	6.53	0.08	RS, IC	
SWMU62-R3	8/1/12	6.84	6.72	0.12	RS, IC	
SWMU62-R2						
SWMU62-R1						
MRP-MW3						

Notes:

- C = Cannister kept in use.
- IC = Installed cannister
- IS = Installed sock

- NP = No product observed
- RC = Removed cannister
- RS = Removed sock
- CHS = Replaced sock

Other Wells

NAME: Andy Lewis & John Hishstone

Month/Year:

8/2012

TO 43 Groundwater Levels and Product Thickness Measurements

Site	Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/ Maintenance	Notes
NMCB	02-815						
	02-300						
	02-463						
	NMCB-10						
	02-497						
	NMCB-07	8/1/12	9.71	NA	NA	IS (2-)	Two socks left in well.
	02-818						
SA 80	04-157						
	04-158						
	04-173						
SWMU 58	12-203						
SWMU 60	652						
	653						

Notes:

C = Cannister kept in use

IC = Installed cannister

IS = Installed sock

NP = No product observed

RC = Removed cannister

RS = Removed sock

CHS = Changed sock

SWMU 62, NEW HOUSING FUEL LEAK

NAME: Andy Lewis & John Highstone

Month/Year: 8/2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
MW-303-14						
MW-303-12						
RW-303-4						
HMW-303-3						
RW-303-7						
HMW-303-2						
03-101						
HMW-303-11						
03-518						
MW-15						
03-102						
HMW-303-9						
RW-303-15						
RW-303-13						
SWMU62-R6						
SWMU62-R5						
SWMU62-R4	8/2/12	6.63	6.55	0.08	(C)	removed, 15 L
SWMU62-R3	8/2/12	6.83	6.72	0.11	(C)	removed, 07 L
SWMU62-R2						
SWMU62-R1						
MRP-MW3						

Notes:

- C = Cannister kept in use.
- IC = Installed cannister
- IS = Installed sock

- NP = No product observed
- RC = Removed cannister
- RS = Removed sock
- CHS = Replaced sock



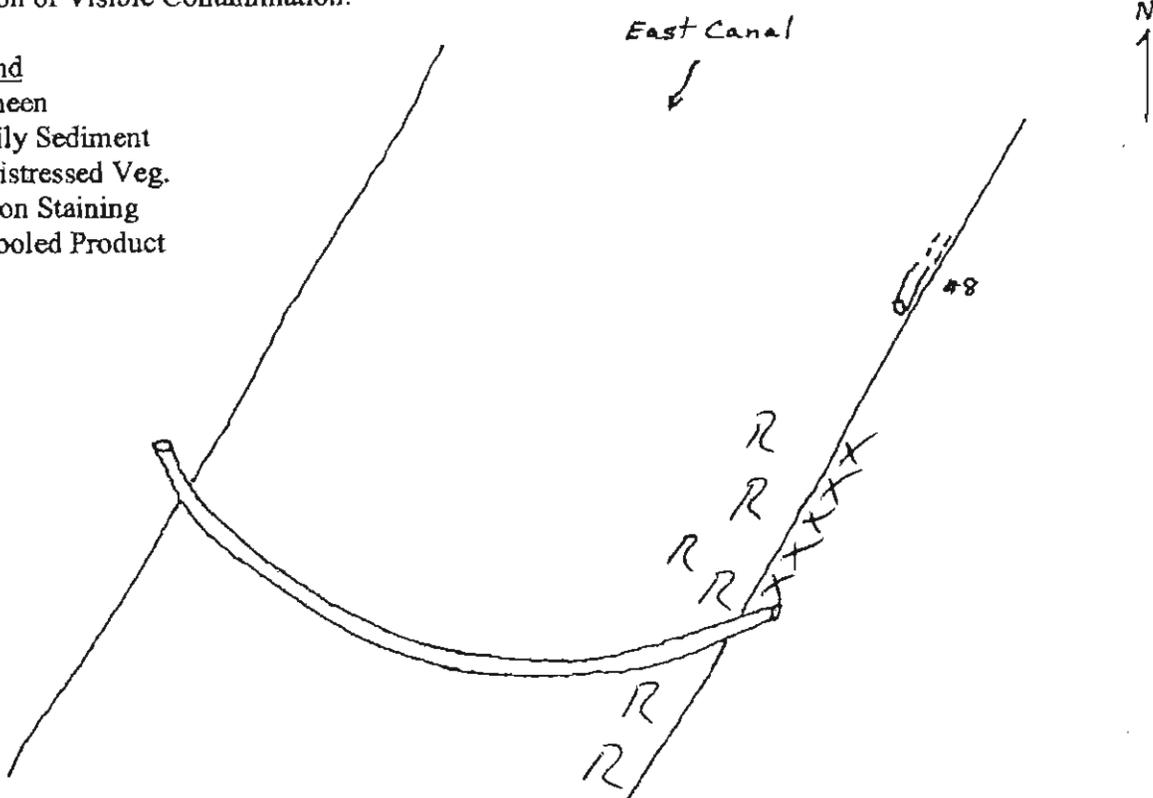
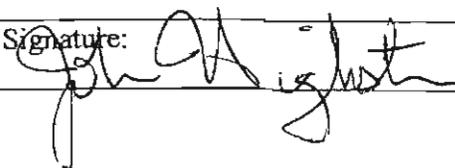
Boom Inspection Form

Task Order 43

Boom Location: 2	Time/Date: 15:50 8/1/12		
Description of Boom Before Maintenance: UNSATISFACTORY	Photograph (s) Time/Date Stamp: 8/1/12		
Boom Repaired (Y) (N): Description: MOVE BACK INTO POSITION ON STAKES	Boom Replaced (Y) (N) Number of sections: Description:		
<p>Visual Observations</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"> Visible Contamination (Y) (N): Iron Staining (Y) (N): Oily Sediment/Soil (Y) (N): Distressed Vegetation (Y) (N): </td> <td style="width: 50%; border: none;"> Sheen Present on Water (Y) (N): Is the Boom containing the Sheen? (Y / N): Pooled Product (Y) (N): If yes, was product removed with sorbent pads? </td> </tr> </table>		Visible Contamination (Y) (N): Iron Staining (Y) (N): Oily Sediment/Soil (Y) (N): Distressed Vegetation (Y) (N):	Sheen Present on Water (Y) (N): Is the Boom containing the Sheen? (Y / N): Pooled Product (Y) (N): If yes, was product removed with sorbent pads?
Visible Contamination (Y) (N): Iron Staining (Y) (N): Oily Sediment/Soil (Y) (N): Distressed Vegetation (Y) (N):	Sheen Present on Water (Y) (N): Is the Boom containing the Sheen? (Y / N): Pooled Product (Y) (N): If yes, was product removed with sorbent pads?		
<p>Location of Visible Contamination:</p> <div style="display: flex; align-items: flex-start;"> <div style="flex: 1;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\\\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="flex: 2;"> </div> </div>			
Inspector: JOHN HIGGESTONE / ANDY LEWIS	Signature: <i>John A. Hight</i>		

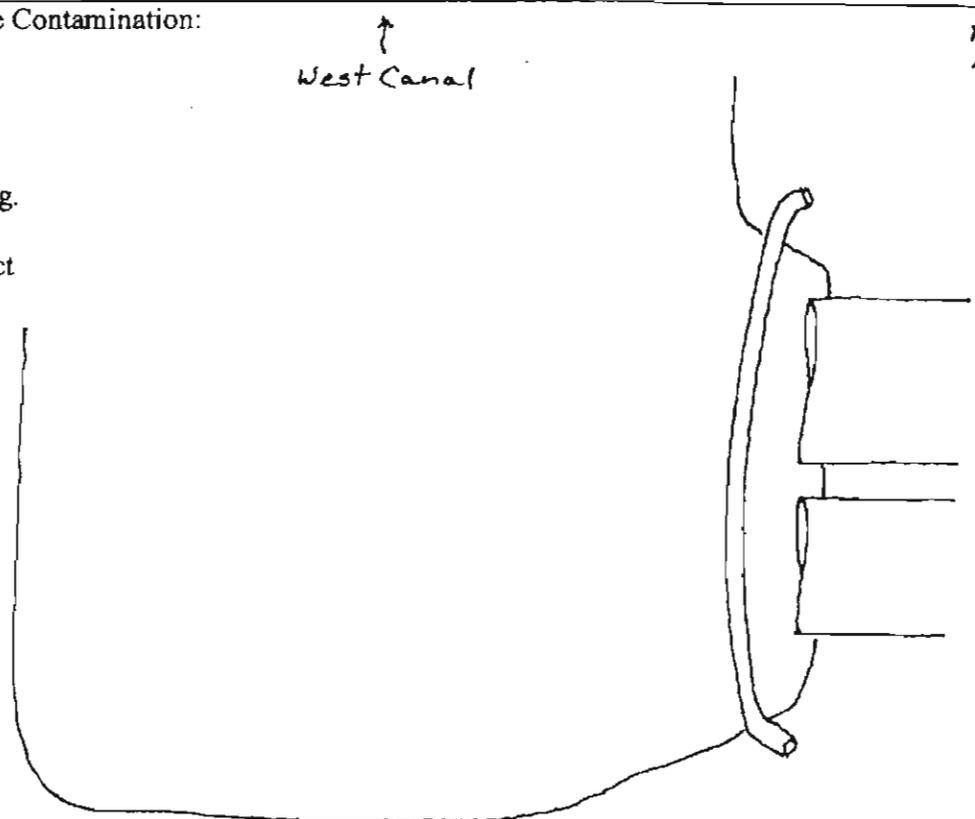
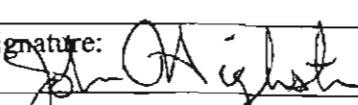
Boom Inspection Form

Task Order 43

Boom Location: 3	Time/Date: 15:51 8/1/12
Description of Boom Before Maintenance: SATISFACTORY	Photograph (s) Time/Date Stamp: 8/1/12
Boom Repaired (Y/N): (N) Description:	Boom Replaced (Y/N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N): (N) Iron Staining (Y/N): (Y) Oily Sediment/Soil (Y/N): (N) Distressed Vegetation (Y/N): (Y)	
Sheen Present on Water (Y/N): (N) Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): (N) If yes, was product removed with sorbent pads?	
Location of Visible Contamination: <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 60%; text-align: center;">  </div> </div>	
Inspector: JOHN HIGKSTONE / ANDY LEWIS	Signature: 

Boom Inspection Form

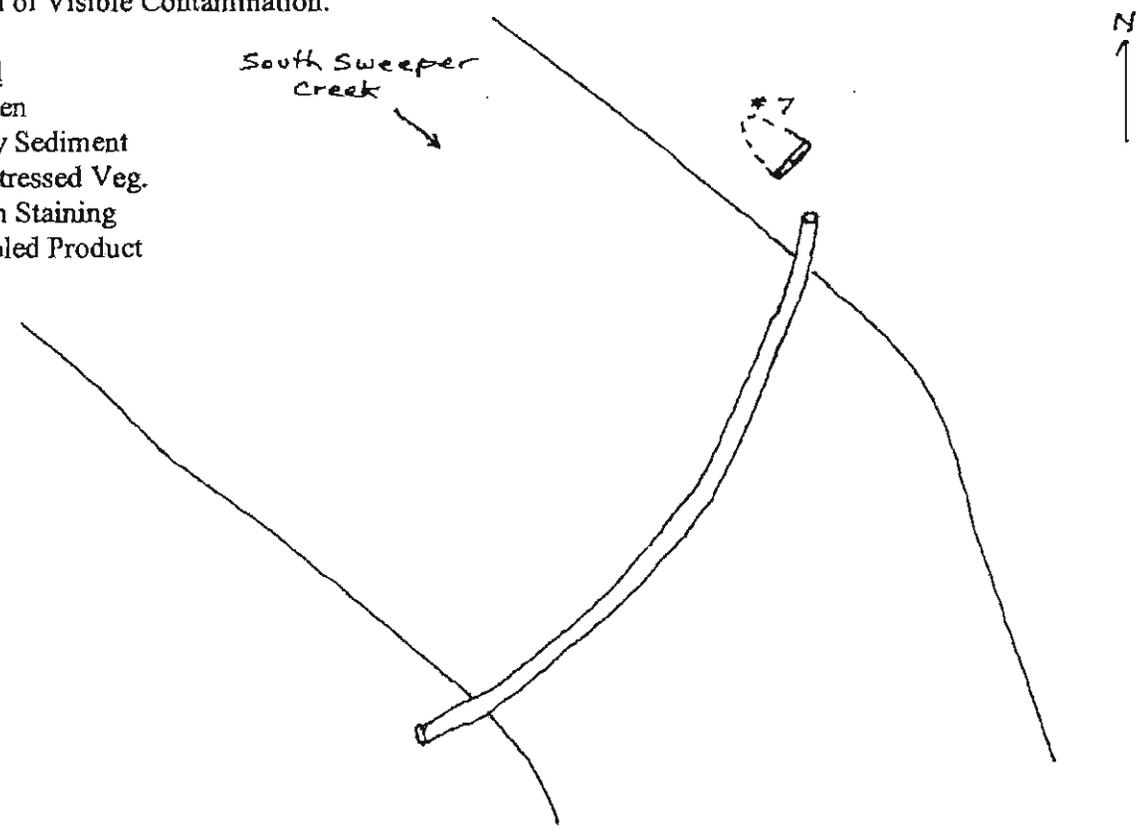
Task Order 43

Boom Location: 4	Time/Date: 16:04 8/1/12
Description of Boom Before Maintenance: UNSATISFACTORY	Photograph (s) Time/Date Stamp: 8/1/12
Boom Repaired (Y/N): Description: BOOM WATERLOGGED, REPLACED ALL THREE SECTIONS	Boom Replaced (Y/N) Number of sections: 3 Description: MOVED NEW BOOM INTO POSITION OVER STAKES
Visual Observations Visible Contamination (Y (N)) Iron Staining (Y (N)) Oily Sediment/Soil (Y (N)) Distressed Vegetation (Y (N))	
Sheen Present on Water (Y (N)) Is the Boom containing the Sheen? (Y / N): Pooled Product (Y (N)) If yes, was product removed with sorbent pads?	
Location of Visible Contamination:	
Legend /// Sheen \\\ Oily Sediment xxx Distressed Veg. RRR Iron Staining ● Pooled Product	<div style="text-align: center;"> ↑ West Canal </div> <div style="text-align: right;"> N ↑ </div> 
Inspector: JOHN HIGHTSTONE / ANDY LEWIS	Signature: 

DIKE PUMPS ARE FUNCTIONAL BUT NOT OPERATING AT THIS TIME DUE TO LOW WATER LEVELS.

Boom Inspection Form

Task Order 43

Boom Location: 6	Time/Date: 10:09 8/1/12		
Description of Boom Before Maintenance: UNSATISFACTORY	Photograph (s) Time/Date Stamp: 8/1/12		
Boom Repaired (Y/N): Description: MIDDLE SECTION BAD. REPLACED WITH NEW BOOM	Boom Replaced (Y/N) Number of sections: 1 Description: REPLACED 1 BOOM SECTION AND MOVED BACK INTO POSITION		
<p>Visual Observations</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none; vertical-align: top;"> Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N): </td> <td style="width: 50%; border: none; vertical-align: top;"> Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads? </td> </tr> </table>		Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?
Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?		
<p>Location of Visible Contamination:</p> <div style="display: flex; align-items: flex-start;"> <div style="flex: 1;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="flex: 2; text-align: center;">  <p style="margin-left: 100px;">South Sweeper Creek</p> </div> </div>			
Inspector: JOHN MICHAELSTONE ANDY LEWIS	Signature: John A. Light		

Boom Inspection Form

Task Order 43

Boom Location: 8	Time/Date: 15:52 8/1/12
Description of Boom Before Maintenance: <i>SATISFACTORY</i>	Photograph (s) Time/Date Stamp: 8/1/12
Boom Repaired (Y/N): Description:	Boom Replaced (Y/N) Number of sections: Description:

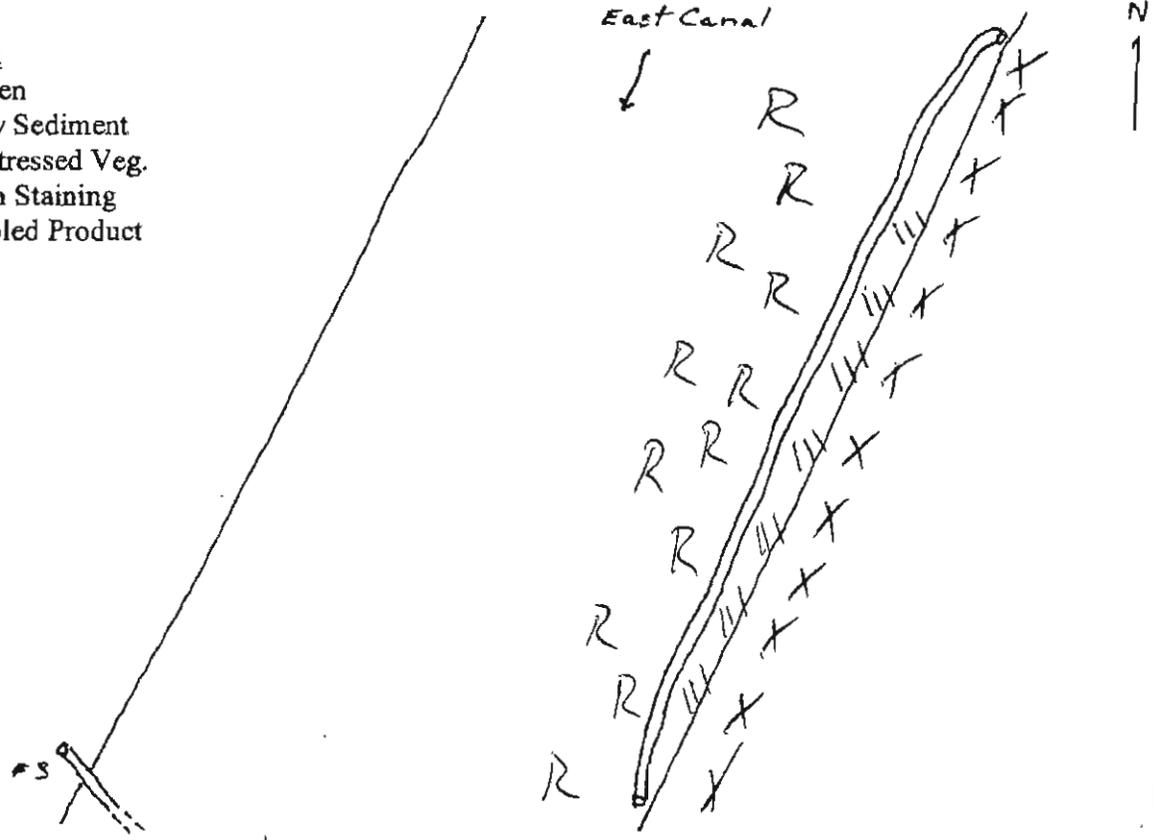
Visual Observations

Visible Contamination (Y/N):
 Iron Staining (Y/N):
 Oily Sediment/Soil (Y/N):
 Distressed Vegetation (Y/N):

Sheen Present on Water (Y/N):
 Is the Boom containing the Sheen? (Y/N):
 Pooled Product (Y/N):
 If yes, was product removed with sorbent pads?

Location of Visible Contamination:

- Legend
- //// Sheen
 - \\ \\ Oily Sediment
 - xxx Distressed Veg.
 - RRR Iron Staining
 - Pooled Product



Inspector: <i>JOHN HIGHSTONE</i> <i>ANDY LEWIS</i>	Signature: <i>[Signature]</i>
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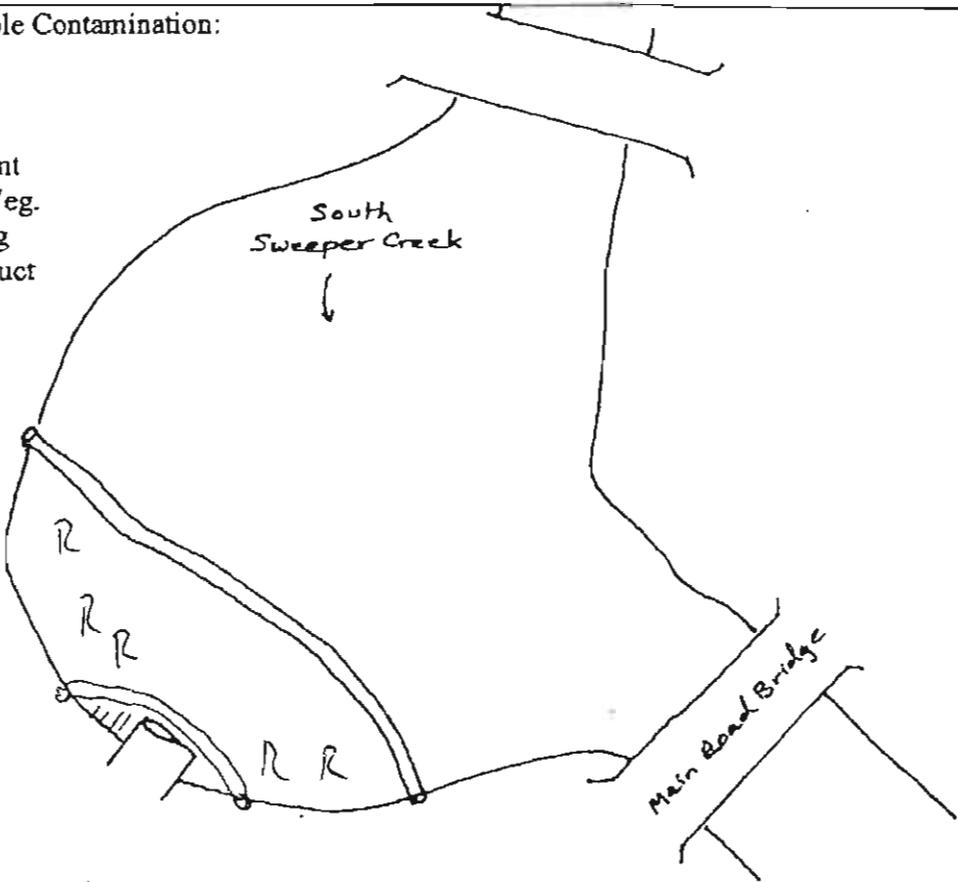
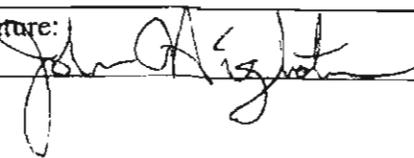
Boom Inspection Form

Task Order 43

Boom Location: 9/12	Time/Date: 15:55 / 15:56 8/1/12
Description of Boom Before Maintenance: UNSATISFACTORY	Photograph (s) Time/Date Stamp: 8/1/12
Boom Repaired (Y/N): Description: RESTAKED (3) STAKES AND MOVED BOOM BACK INTO POSITION	Boom Replaced (Y/N) Number of Sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination:	
Legend /// Sheen \\\ Oily Sediment xxx Distressed Veg. RRR Iron Staining ● Pooled Product	
Inspector: JOHN HIGHSTONE / ANDY LEWIS	Signature:

Boom Inspection Form

Task Order 43

Boom Location: 10	Time/Date: 16:07 - 8/1/12
Description of Boom Before Maintenance: SATISFACTORY	Photograph (s) Time/Date Stamp: 16:07 - 8/1/12
Boom Repaired (Y/N): Description:	Boom Replaced (Y/N): Number of sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination: <div style="display: flex; align-items: flex-start;"> <div style="margin-right: 20px;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\\\\\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="flex-grow: 1;">  <p style="text-align: center;">South Sweeper Creek</p> <p style="text-align: right;">Main Road Bridge</p> </div> <div style="margin-left: 20px; text-align: center;"> <p>N</p> <p>↑</p> </div> </div>	
Inspector: JOHN HIGHTSTONE / ANDY LEWIS	Signature: 



Boom Inspection Form

Task Order 43

Boom Location: 11	Time/Date: 15:58 - 8/1/12
Description of Boom Before Maintenance: SATISFACTORY	Photograph (s) Time/Date Stamp: 15:58 - 8/1/12
Boom Repaired (Y/N) <input checked="" type="radio"/> N Description:	Boom Replaced (Y/N) <input checked="" type="radio"/> N Number of sections: Description:
<p>Visual Observations</p> <p>Visible Contamination <input checked="" type="radio"/> Y <input checked="" type="radio"/> N: Iron Staining (Y/N) <input checked="" type="radio"/> Y <input checked="" type="radio"/> N: Oily Sediment/Soil <input checked="" type="radio"/> Y <input checked="" type="radio"/> N: Distressed Vegetation <input checked="" type="radio"/> Y <input checked="" type="radio"/> N:</p> <p style="text-align: right;">Sheen Present on Water (Y/N) <input checked="" type="radio"/> Y <input checked="" type="radio"/> N: Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N) <input checked="" type="radio"/> Y <input checked="" type="radio"/> N: If yes, was product removed with sorbent pads?</p>	
<p>Location of Visible Contamination:</p> <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 30%;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 60%; text-align: center;"> <p>East Canal</p> <p>↓</p> </div> </div>	
Inspector: JOW HIGHSTONE ANDY LEWIS	Signature: <i>Josh Highstone</i>



Boom Inspection Form

Task Order 43

Boom Location: 2	Time/Date: 0842 / 8.23.12
Description of Boom Before Maintenance: SATISFACTORY	Photograph (s) Time/Date Stamp: 0842 / 8.23.12
Boom Repaired (Y/N): Description:	Boom Replaced (Y/N) Number of sections: Description:
Visual Observations	
Visible Contamination (Y/N): Iron Staining (Y/N) <input checked="" type="checkbox"/> N Oily Sediment/Soil (Y/N) <input checked="" type="checkbox"/> N Distressed Vegetation (Y/N) <input checked="" type="checkbox"/> N	Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N) <input checked="" type="checkbox"/> N If yes, was product removed with sorbent pads?
Location of Visible Contamination:	
Legend /// Sheen \\\ Oily Sediment xxx Distressed Veg. RRR Iron Staining ● Pooled Product	<div style="text-align: right;"> East Canal </div> <div style="text-align: right;"> N </div>
Inspector: JOHN HIGHSTONE	Signature:



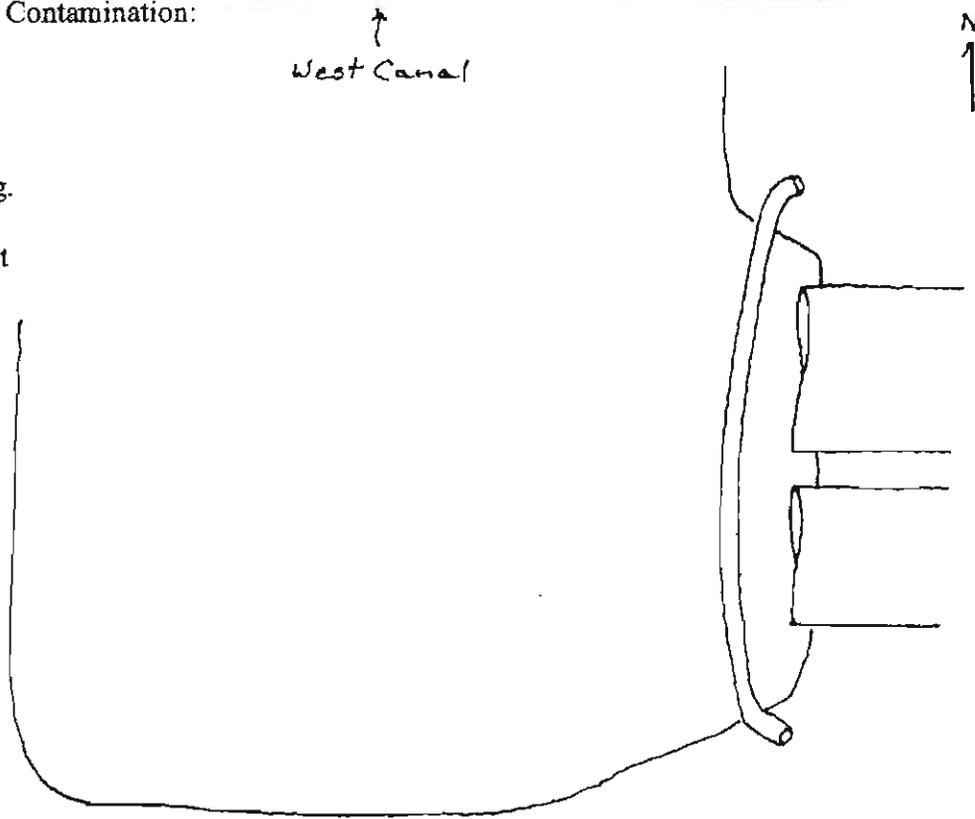
Boom Inspection Form

Task Order 43

Boom Location: 3	Time/Date: 0843 / 8-23-12		
Description of Boom Before Maintenance: <i>SATISFACTORY</i>	Photograph (s) Time/Date Stamp: 0843 / 8-23-12		
Boom Repaired (Y/N) <input checked="" type="radio"/> N Description:	Boom Replaced (Y/N) <input checked="" type="radio"/> N Number of sections: Description:		
<p>Visual Observations</p> <table style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> Visible Contamination (Y/N) <input checked="" type="radio"/> N Iron Staining (Y/N) <input checked="" type="radio"/> N Oily Sediment/Soil (Y/N) <input checked="" type="radio"/> N Distressed Vegetation (Y/N) <input checked="" type="radio"/> N </td> <td style="width: 50%; vertical-align: top;"> Sheen Present on Water (Y/N) <input checked="" type="radio"/> N Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N) <input checked="" type="radio"/> N If yes, was product removed with sorbent pads? </td> </tr> </table>		Visible Contamination (Y/N) <input checked="" type="radio"/> N Iron Staining (Y/N) <input checked="" type="radio"/> N Oily Sediment/Soil (Y/N) <input checked="" type="radio"/> N Distressed Vegetation (Y/N) <input checked="" type="radio"/> N	Sheen Present on Water (Y/N) <input checked="" type="radio"/> N Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N) <input checked="" type="radio"/> N If yes, was product removed with sorbent pads?
Visible Contamination (Y/N) <input checked="" type="radio"/> N Iron Staining (Y/N) <input checked="" type="radio"/> N Oily Sediment/Soil (Y/N) <input checked="" type="radio"/> N Distressed Vegetation (Y/N) <input checked="" type="radio"/> N	Sheen Present on Water (Y/N) <input checked="" type="radio"/> N Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N) <input checked="" type="radio"/> N If yes, was product removed with sorbent pads?		
Location of Visible Contamination: <div style="margin-top: 10px;"> <p><u>Legend</u></p> <p>/// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="margin-top: 20px;"> </div>			
Inspector: <i>John Highstone</i>	Signature: <i>John Highstone</i>		

Boom Inspection Form

Task Order 43

Boom Location: 4	Time/Date: 0900/8.23.12
Description of Boom Before Maintenance: SATISFACTORY	Photograph (s) Time/Date Stamp: 0900/8.23.12
Boom Repaired (Y/N): Description:	Boom Replaced (Y/N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination:	
<u>Legend</u> /// Sheen \\\ Oily Sediment xxx Distressed Veg. RRR Iron Staining ● Pooled Product	<div style="text-align: center;"> ↑ West Canal </div> <div style="text-align: right;"> N ↑ </div> 
Inspector: JOHN HIGHTSTONE	Signature: John Hightstone

DIKE PUMPS OPERATIONAL AND

OPERATING



SEALASKA ENVIRONMENTAL

Boom Inspection Form

Task Order 43

Boom Location: 6	Time/Date: 0905 / 8.23.12
Description of Boom Before Maintenance: SATISFACTORY	Photograph (s) Time/Date Stamp: 0905 / 8.23.12
Boom Repaired (Y/N): (N) Description:	Boom Replaced (Y/N): (N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	
Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination: <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>XXX Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 60%; text-align: center;"> <p>South Sweeper Creek</p> </div> </div>	
Inspector: JOHN HIRSHSTONE	Signature:



SEALASKA
ENVIRONMENTAL

Boom Inspection Form

Task Order 43

Boom Location: 8	Time/Date: 0843 / 8-23-12
Description of Boom Before Maintenance: SATISFACTORY	Photograph (s) Time/Date Stamp: 0843 / 8-23-12
Boom Repaired (Y/N): (Y) (N)	Boom Replaced (Y/N): (Y) (N)
Description:	Number of sections: Description:
Visual Observations	
Visible Contamination (Y/N): (Y) (N)	Sheen Present on Water (Y/N): (Y) (N)
Iron Staining (Y/N): (Y) (N)	Is the Boom containing the Sheen? (Y/N): (Y) (N)
Oily Sediment/Soil (Y/N): (Y) (N)	Pooled Product (Y/N): (Y) (N)
Distressed Vegetation (Y/N): (Y) (N)	If yes, was product removed with sorbent pads?
Location of Visible Contamination:	
<u>Legend</u> /// Sheen \\\ Oily Sediment xxx Distressed Veg. RRR Iron Staining ● Pooled Product	
Inspector:	Signature:

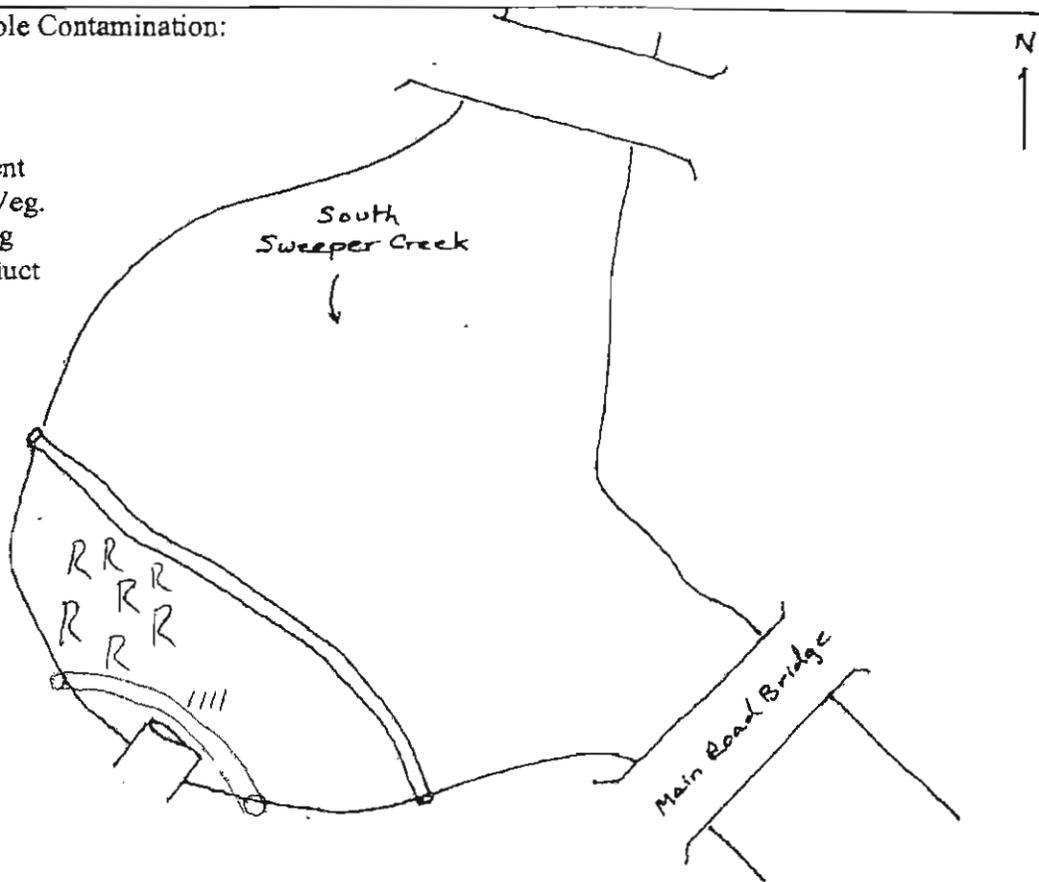
Boom Inspection Form

Task Order 43

Boom Location: 9/12	Time/Date: 0850 / 8.23.12
Description of Boom Before Maintenance: SATISFACTORY	Photograph (s) Time/Date Stamp: 0850 / 8.23.12
Boom Repaired (Y/N): (N)	Boom Replaced (Y/N): (N)
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N):	Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?
Location of Visible Contamination: <div style="display: flex; align-items: flex-start;"> <div style="margin-right: 20px;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\\\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div> </div> </div>	
Inspector: JOHN HIGHTSTONE	Signature:

Boom Inspection Form

Task Order 43

Boom Location: 10	Time/Date: <div style="text-align: right; font-size: 1.2em;">0903 / 8.23.12</div>
Description of Boom Before Maintenance: <div style="font-size: 1.5em; font-family: cursive;">SATISFACTORY</div>	Photograph (s) Time/Date Stamp: <div style="text-align: right; font-size: 1.2em;">0903 / 8.23.12</div>
Boom Repaired (Y/N): (Y) Description:	Boom Replaced (Y/N): (N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N): (Y) Iron Staining (Y/N): (Y) Oily Sediment/Soil (Y/N): (N) Distressed Vegetation (Y/N): (N)	
Sheen Present on Water (Y/N): (Y) Is the Boom containing the Sheen? (Y/N): (Y) Pooled Product (Y/N): (N) If yes, was product removed with sorbent pads?	
Location of Visible Contamination:	
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\\\\\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 60%; text-align: center;">  </div> </div>	
Inspector: <div style="font-size: 1.2em; font-family: cursive;">JOHN HIGHSTONE</div>	Signature: <div style="font-size: 1.5em; font-family: cursive;">John Highstone</div>



Boom Inspection Form

Task Order 43

Boom Location: 11	Time/Date: 0852 8.23.12
Description of Boom Before Maintenance: SATISFACTORY	Photograph (s) Time/Date Stamp: 0852 8.23.12
Boom Repaired (Y/N): Description:	Boom Replaced (Y/N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N): Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination: <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 60%; text-align: center;"> <p>East Canal</p> <p>↙ 8/9/12</p> <p>N ↑</p> </div> </div>	
Inspector: JOHN HIGHSTONE	Signature:

SWMU 62, NEW HOUSING FUEL LEAK

NAME: JOHN HIGHSTONE | ANDY LEWIS

Month/Year: September 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/ Maintenance	Notes
MW-303-14	9.3.12	22.57	N/A	N/A	N/A	NO PRODUCT
MW-303-12	9.3.12	21.52	N/A	N/A	N/A	NO PRODUCT
RW-303-4	9.3.12	22.22	N/A	N/A	N/A	NO PRODUCT
HMW-303-3	9.3.12	27.94	27.92	.02	IS	
RW-303-7	9.3.12	22.86	N/A	N/A	N/A	NO PRODUCT
HMW-303-2	9.3.12	26.98	N/A	N/A	N/A	SHEEN <.01
03-101	9.3.12	24.11	22.63	1.48 ?	IC	* WILL BE CHECK 9/4. INTERPARE PROBE POSSIBLY MALFUNCTIONING.
HMW-303-11	9.3.12	26.78 ³	N/A	N/A	N/A	SHEEN <.01
03-518	9.3.12	27.23	N/A	N/A	N/A	SHEEN <.01
MW-15	9.3.12	17.93	17.89	.04	IS	
03-102	9.3.12	14.29	N/A	N/A	N/A	SHEEN <.01
HMW-303-9	9.3.12	26.38	N/A	N/A	N/A	NO PRODUCT
RW-303-15	9.3.12	27.73	27.71	.02	IS	
RW-303-13	9.3.12	6.72	N/A	N/A	N/A	NO PRODUCT
SWMU62-R6	9.3.12	6.55	N/A	N/A	N/A	SHEEN <.01
SWMU62-R5	9.3.12	6.17	6.13	.04	CHS	
SWMU62-R4	9.3.12	6.47	6.38	.09	C	.55 L RECOVER
SWMU62-R3	9.3.12	6.68	6.58	.10	C	REMOVED SKIMMER AND PUT IN CANNISTER, .04 L RECOVER
SWMU62-R2	9.3.12	6.86	N/A	N/A	N/A	SHEEN <.01
SWMU62-R1	9.3.12	7.09	7.06	.03	IS	
MRP-MW3	9.3.12	8.18	N/A	N/A	N/A	NO PRODUCT

Notes:
 C = Cannister kept in use.
 IC = Installed cannister
 IS = Installed sock

NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Replaced sock

.59 L RECOVERED FOR DAY

SWMU 62, NEW HOUSING FUEL LEAK

NAME: JOHN HIGHSTONE

Month/Year: SEPTEMBER 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
MW-303-14						
MW-303-12						
RW-303-4						
HMW-303-3						
RW-303-7						
HMW-303-2						
03-101	9.4.12	22.54	N/A	N/A	RC	SHOWN 2.01
HMW-303-11						
03-518						
MW-15						
03-102						
HMW-303-9						
RW-303-15						
RW-303-13						
SWMU62-R6						
SWMU62-R5						
SWMU62-R4	9.4.12	6.61	6.22	.39	C	.16L RECOVERED
SWMU62-R3	9.4.12	6.54	6.43	.11	C	.07L RECOVERED
SWMU62-R2						
SWMU62-R1						
MRP-MW3						

PREVIOUS DAY (9.3.12) READS OFF DUE TO FAULTY PROBE. SWAPPED PROBES AND GOT ACCURATE READINGS.

Notes:
 C = Cannister kept in use
 IC = Installed cannister
 IS = Installed sock

NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Replaced sock

.23L RECOVERED TOTAL FOR DAY

SWMU 62, NEW HOUSING FUEL LEAK

NAME: JOHN HIGSTONE

Month/Year: SEPTEMBER 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
MW-303-14						
MW-303-12						
RW-303-4						
HMW-303-3						
RW-303-7						
HMW-303-2						
03-101						
HMW-303-11						
03-518						
MW-15						
03-102						
HMW-303-9						
RW-303-15						
RW-303-13						
SWMU62-R6						
SWMU62-R5						
SWMU62-R4	9.5.12	6.36	6.25	.11	C	.19L RECOVER
SWMU62-R3	9.5.12	6.59	6.48	.11	C	.05L RECOVER
SWMU62-R2						
SWMU62-R1						
MRP-MW3						

Notes
 C = Cannister kept in use.
 IC = Installed cannister
 IS = Installed sock

NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Replaced sock

.24 L RECOVERED TOTAL FOR DAY

SWMU 62, NEW HOUSING FUEL LEAK

NAME: JOHN HIGHSTONE

Month/Year: SEPTEMBER 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
MW-303-14						
MW-303-12						
RW-303-4						
HMW-303-3						
RW-303-7						
HMW-303-2						
03-101						
HMW-303-11						
03-518						
MW-15						
03-102						
HMW-303-9						
RW-303-15						
RW-303-13						
SWMU62-R6						
SWMU62-R5						
SWMU62-R4	9.6.12	6.72	6.35	.37	C	.13 L RECOVER * SWAP CANNISTER W/ SKIMMER
SWMU62-R3	9.6.12	6.97	6.55	.42	C	.58 L RECOVER
SWMU62-R2						
SWMU62-R1						
MRP-MW3						

Notes:
 C = Cannister kept in use.
 IC = Installed cannister
 IS = Installed sock

NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Replaced sock

.71 RECOVERED TOTAL FOR DAY

SWMU 62, NEW HOUSING FUEL LEAK

NAME: JOHN HIGHSTONE / SCOTT ELKIND

Month/Year: SEPTEMBER 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
MW-303-14						
MW-303-12						
RW-303-4						
HMW-303-3						
RW-303-7						
HMW-303-2						
03-101						
HMW-303-11						
03-518						
MW-15						
03-102						
HMW-303-9						
RW-303-15						
RW-303-13						
SWMU62-R6						
SWMU62-R5						
SWMU62-R4	9.7.12	6.75	6.65	.10	C	.52L RECOVER
SWMU62-R3	9.7.12	6.54	6.43	.11	C	.03L RECOVER
SWMU62-R2						
SWMU62-R1						
MRP-MW3						

Notes
 C = Cannister kept in use.
 IC = Installed cannister
 IS = Installed sock

NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Replaced sock

.55L RECOVERED TOTAL FOR DAY

SWMU 62, NEW HOUSING FUEL LEAK

NAME: JOHN HIGGASTONE / BETH KERCHER

Month/Year: SEPTEMBER 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
MW-303-14						
MW-303-12						
RW-303-4						
HMW-303-3						
RW-303-7						
HMW-303-2						
03-101						
HMW-303-11						
03-518						
MW-15						
03-102						
HMW-303-9						
RW-303-15						
RW-303-13						
SWMU62-R6						
SWMU62-R5						
SWMU62-R4	9.8.12	6.48	6.41	.07	C	.02 RECOVER
SWMU62-R3	9.8.12	6.72	6.61	.11	C	.03 RECOVER
SWMU62-R2						
SWMU62-R1						
MRP-MW3						

Notes:
 C = Cannister kept in use.
 IC = Installed cannister
 IS = Installed sock

NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Replaced sock

.05 RECOVERED TOTAL FOR DAY

SWMU 62, NEW HOUSING FUEL LEAK

NAME: JOHN HIGHSTONE

Month/Year: SEPTEMBER 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
MW-303-14						
MW-303-12						
RW-303-4						
HMW-303-3						
RW 303-7						
HMW-303-2						
03 101						
HMW-303-11						
03 518						
MW-15						
03-102						
HMW-303-9						
RW-303-15						
RW-303-13						
SWMU62-R6						
SWMU62-R5						
SWMU62-R4	9.9.12	6.48	6.41	.07	C	.05L RECOVER
SWMU62-R3	9.9.12	6.72	6.61	.11	C	.60L RECOVER
SWMU62-R2						
SWMU62-R1						
MRP MW3						

Notes:
 C = Cannister kept in use.
 IC = Installed cannister
 IS = Installed sock

NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Replaced sock

.65L RECOVERED FOR DAY

Other Wells

NAME: JOHN HIGHSTONE | ANDY LEWIS

Month/Year: SEPTEMBER 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Site	Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/ Maintenance	Notes
NMCB	02-815	9.3.12	13.60	13.58	.02	CHS	
	02-300	9.3.12	9.39	9.25	.14	RS, IC	
	02-463	9.3.12	9.16	N/A	N/A	N/A	
	NMCB-10	9.3.12	10.48	10.32	.16	RS, IC	
	02-497	9.3.12	6.51	6.39	.12	IS	
	NMCB-07	9.3.12	9.51	9.07	.44	IC	
	02-818	9.3.12	8.83	8.80	.03	IS	
SA 80	04-157	9.3.12	18.07	18.04	.03	IS	
	04-158	9.3.12	18.64	N/A	N/A	N/A	SHEEN <.01
	04-173	9.3.12	14.51	N/A	N/A	N/A	SHEEN <.01
SWMU 58	12-203	9.3.12	12.05	N/A	N/A	N/A	SHEEN <.01
SWMU 60	652	9.3.12	9.35	N/A	N/A	RS	
	653	9.3.12	11.63	N/A	N/A	RS	

Notes:
 C = Cannister kept in use
 IC = Installed cannister
 IS = Installed sock
 NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Changed sock

Other Wells

NAME: JOHN HIGHSTONE

Month/Year: SEPTEMBER 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Site	Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/ Maintenance	Notes
NMCB	02-815						
	02-300	9.4.12	9.08'	8.96	.12	C	.03 L RECOVER
	02-463						
	NMCB-10	9.4.12	10.07	N/A	N/A	RC	SHOCK, 01 - .11 L RECOVER
	02-497						
	NMCB-07	9.4.12	9.00	8.89	.11	C	.02 L RECOVER
	02-818						
SA 80	04-157						
	04-158						
	04-173						
SWMU 58	12-203						
SWMU 60	652						
	653						

Notes:
 C = Cannister kept in use
 IC = Installed cannister
 IS = Installed sock

NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Changed sock

.16 L RECOVERED TOTAL FOR DAY

Other Wells

NAME: JOHN HIGHSTONE

Month/Year: SEPTEMBER 2012

TO 43 Groundwater Levels and Product Thickness Measurements

Site	Monitoring Well Location	Date	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Recovery Device/Maintenance	Notes
NMCB	02-815						
	02-300	9.5.12	9.52	9.49	.03	RC, IS	.04L RECOVER
	02-463						
	NMCB-10						
	02-497	9.5.12					
	NMCB-07	9.4.12	9.43	9.36	.07	RC, IS	.04L RECOVER
	02-818						
SA 80	04-157						
	04-158						
	04-173						
SWMU 58	12-203						
SWMU 60	652						
	653						

* INSTALLED 2 SOCKS DUE TO WELL BEING 4" *

Notes
 C = Cannister kept in use
 IC = Installed cannister
 IS = Installed sock
 NP = No product observed
 RC = Removed cannister
 RS = Removed sock
 CHS = Changed sock

.08L RECOVERED TOTAL FOR DAY



Boom Inspection Form

Task Order 43

Boom Location: 2	Time/Date: 1000 / 9.6.12
Description of Boom Before Maintenance: SATISFACTORY	Photograph (s) Time/Date Stamp: 1000 / 9.6.12
Boom Repaired (Y/N) (N) Description:	Boom Replaced (Y/N) (N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N): (N) Iron Staining (Y/N): (N) Oily Sediment/Soil (Y/N): (N) Distressed Vegetation (Y/N): (N) Sheen Present on Water (Y/N): (N) Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): (N) If yes, was product removed with sorbent pads?	
Location of Visible Contamination: <div style="display: flex; align-items: flex-start;"> <div style="flex: 1;"> <p>Legend</p> <p>/// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="flex: 2;"> </div> </div>	
Inspector: JOHN HIGHSTONE	Signature:



Boom Inspection Form

Task Order 43

Boom Location: 3	Time/Date: 1003 / 9.6.12
Description of Boom Before Maintenance: SATISFACTORY	Photograph (s) Time/Date Stamp: 1003 1003 / 9.6.12
Boom Repaired (Y/N): (N) Description:	Boom Replaced (Y/N): (N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N): (N) Iron Staining (Y/N): (N) Oily Sediment/Soil (Y/N): (N) Distressed Vegetation (Y/N): (N)	
Sheen Present on Water (Y/N): (N) Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination: <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p><u>Legend</u></p> <p>/// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 60%; text-align: center;"> <p>East Canal</p> </div> </div>	
Inspector: JOHN HIGGSTONE	Signature:



Boom Inspection Form

Task Order 43

Boom Location: 4	Time/Date: 1020/9-6-12
Description of Boom Before Maintenance: SATISFACTORY	Photograph (s) Time/Date Stamp: 1020/9-6-12
Boom Repaired (Y/N): (N) Description:	Boom Replaced (Y/N): (N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N): (N) Iron Staining (Y/N): (N) Oily Sediment/Soil (Y/N): (N) Distressed Vegetation (Y/N): (N)	
Sheen Present on Water (Y/N): (N) Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): (N) If yes, was product removed with sorbent pads?	
Location of Visible Contamination:	
Legend /// Sheen \\\ Oily Sediment xxx Distressed Veg. RRR Iron Staining ● Pooled Product	<div style="text-align: center;"> ↑ West Canal </div> <div style="text-align: right;"> N ↑ </div>
Inspector: JOHN HIGSTONE DIKE PUMPS OPERATIONAL	Signature: <i>John Higstone</i>



Boom Inspection Form

Task Order 43

Boom Location: 6	Time/Date: 1032 / 9.6.12
Description of Boom Before Maintenance: SATISFACTORY	Photograph (s) Time/Date Stamp: 1032 / 9.6.12
Boom Repaired (Y/N): (N) Description:	Boom Replaced (Y/N): (N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N): (N) Iron Staining (Y/N): (N) Oily Sediment/Soil (Y/N): (N) Distressed Vegetation (Y/N): (N)	
Sheen Present on Water (Y/N): (N) Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): (N) If yes, was product removed with sorbent pads?	
Location of Visible Contamination: <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 60%; text-align: center;"> <p>South Sweeper Creek</p> </div> </div>	
Inspector: JOHN HIGHSTONE	Signature: <i>John Highstone</i>

Boom Inspection Form

Task Order 43

Boom Location: 8	Time/Date: 1002 / 9.6.12
Description of Boom Before Maintenance: SATISFACTORY	Photograph (s) Time/Date Stamp: 1002 / 9.6.12
Boom Repaired (Y/N): Description:	Boom Replaced (Y/N) Number of sections: Description:

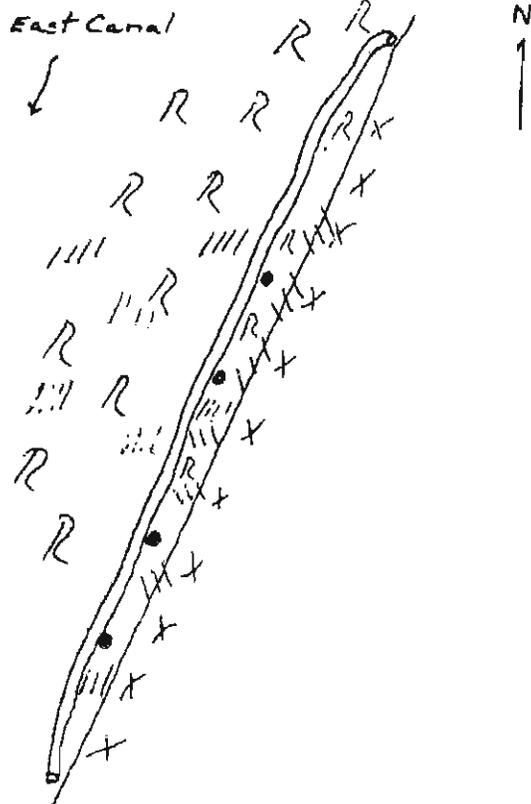
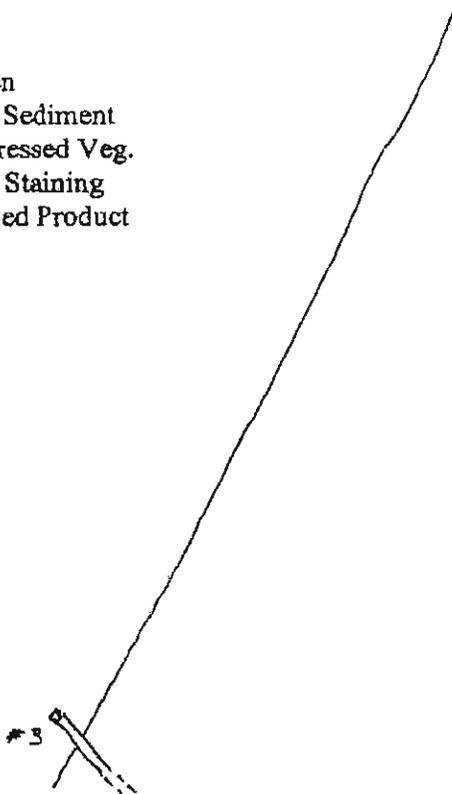
Visual Observations

Visible Contamination (Y/N):
Iron Staining (Y/N):
Oily Sediment/Soil (Y/N):
Distressed Vegetation (Y/N):

Sheen Present on Water (Y/N):
Is the Boom containing the Sheen? (Y/N):
Pooled Product (Y/N):
If yes, was product removed with sorbent pads?
SOAKED UP (2) ABSORB PADS

Location of Visible Contamination:

- Legend
- //// Sheen
 - |||| Oily Sediment
 - xxx Distressed Veg.
 - RRR Iron Staining
 - Pooled Product

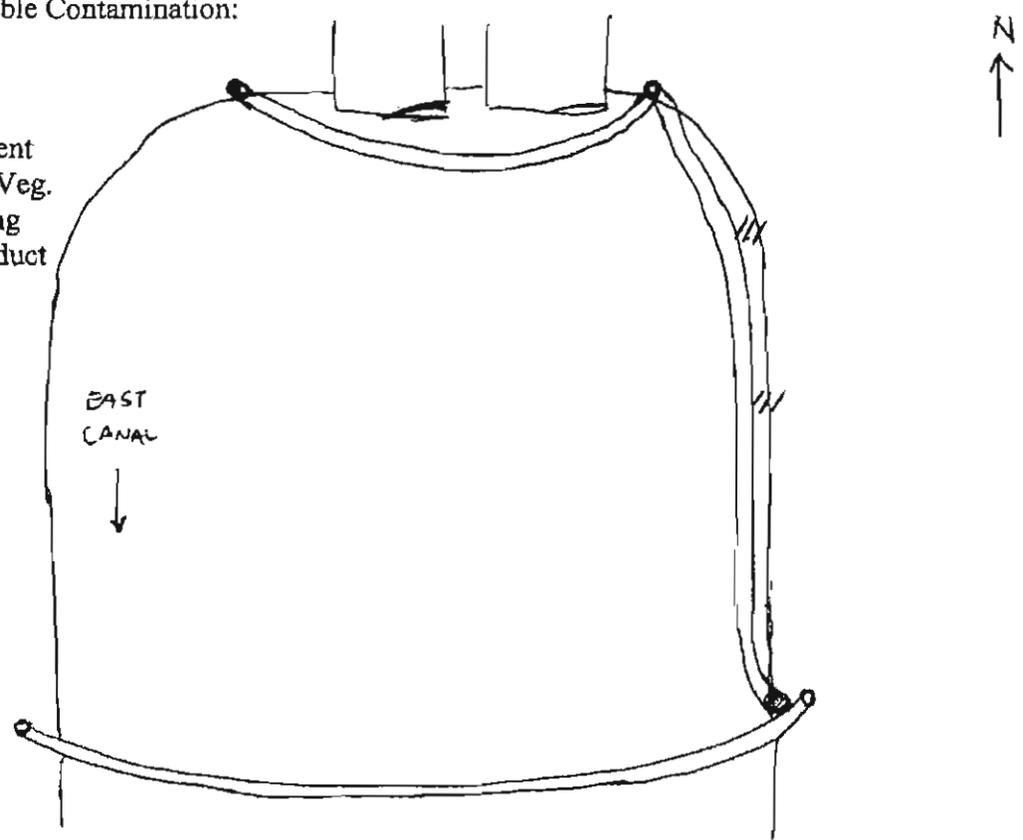
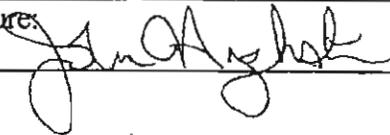


Inspector: John HIGGSTONE

Signature: John Higgstone

Boom Inspection Form

Task Order 43

Boom Location: 9/12	Time/Date: 1010 / 9.6.12
Description of Boom Before Maintenance: SATISFACTORY	Photograph (s) Time/Date Stamp: 1010 / 9.6.12
Boom Repaired (Y/N): Description:	Boom Replaced (Y/N) Number of Sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N): Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination: <div style="display: flex; align-items: flex-start;"> <div style="flex: 1;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="flex: 2;">  </div> </div>	
Inspector: JOHN HIGKSTONE	Signature: 



Boom Inspection Form

Task Order 43

Boom Location: 10	Time/Date: 10:26 / 9.6.12
Description of Boom Before Maintenance: SATISFACTORY	Photograph (s) Time/Date Stamp: 10:26 / 9.6.12
Boom Repaired (Y (N)) Description:	Boom Replaced (Y (N)) Number of sections: Description:
Visual Observations Visible Contamination (Y) (N): Iron Staining (Y) (N): Oily Sediment/Soil (Y) (N): Distressed Vegetation (Y) (N):	
Sheen Present on Water (Y) (N): Is the Boom containing the Sheen? (Y) (N): Pooled Product (Y) (N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination:	
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p> Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div style="width: 65%; text-align: center;"> <p style="text-align: right; margin-right: 20px;">N ↑</p> </div> </div>	
Inspector: JOHN HIGHSTONE	Signature: <i>John Highstone</i>



Boom Inspection Form

Task Order 43

Boom Location: 11	Time/Date: 1012 / 9.6.12
Description of Boom Before Maintenance: SATISFACTORY	Photograph (s) Time/Date Stamp: 1012 / 9.6.12
Boom Repaired (Y/N): Description: MOVED BACK INTO POSITION	Boom Replaced (Y/N) Number of sections: Description:
Visual Observations Visible Contamination (Y/N): Iron Staining (Y/N): Oily Sediment/Soil (Y/N): Distressed Vegetation (Y/N): Sheen Present on Water (Y/N): Is the Boom containing the Sheen? (Y/N): Pooled Product (Y/N): If yes, was product removed with sorbent pads?	
Location of Visible Contamination: <div style="display: flex; justify-content: space-between;"> <div data-bbox="235 940 487 1144" style="width: 30%;"> <p><u>Legend</u></p> <p>//// Sheen</p> <p>\\ \\ Oily Sediment</p> <p>xxx Distressed Veg.</p> <p>RRR Iron Staining</p> <p>● Pooled Product</p> </div> <div data-bbox="560 892 1437 1701" style="width: 65%;"> <p style="text-align: center;">East Canal</p> <p style="text-align: right;"># 9/12</p> <p style="text-align: right;">N</p> </div> </div>	
Inspector: JOHN HIGHSTONE	Signature: John Highstone

APPENDIX B
PHOTOGRAPHS OF BOOM LOCATIONS



Photo 1 – East Canal Boom 2, May 2012, view west; new boom section with iron staining visible



Photo 2 – East Canal Boom 2, April 2012, view west; high water level in canal while the canal pumps were off



Photo 3 – West Canal Boom 3, December 2011, view west; visible sheen behind boom



Photo 4 – West Canal Boom 4, April 2012, view east. Boom following start of canal pumps



Photo 5 – Sweeper Creek Boom 6, January 2012, view south; showing ice buildup behind the boom



Photo 6 – Sweeper Creek Boom 6, March 2012, view southeast; boom disconnected at center



Photo 7 – East Canal Boom 8, May 2012, view north; newly replaced boom with iron staining visible



Photo 8 – East Canal Boom 9/12, April 2012, looking south showing partially submerged boom



Photo 9 – East Canal Boom 9/12, September 2012, looking north showing remediated shoreline



Photo 10 – Sweeper Creek Boom 10, May 2012, looking northwest showing oil and iron staining



Photo 11 – Sweeper Creek Boom 10, April 2012, looking south showing collapsed culvert



Photo 12 – East Canal Boom 11, September 2012, looking north showing petroleum staining on shoreline

APPENDIX C
2012 LONG-TERM MONITORING FIELD MEASUREMENTS

Table C-1. 2012 Field Measurements for SWMU 62, New Housing Fuel Leak, Eagle Bay Housing

Well Location	Physical Measurements				Groundwater Parameters						
	Casing Elevation (ft MLLW)	Depth to Water (ft BTOC)	Groundwater Surface Elevation (ft MLLW)	Measured Product Thickness (ft)	pH (SU)	Specific Conductance (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Salinity (%)	ORP (mV)
03-101	26.01	22.58	3.42	0	NP	NP	NP	NP	NP	NP	NP
03-102	17.27	14.22	3.05	0	NP	NP	NP	NP	NP	NP	NP
03-103	18.93	16.05	2.88	0	5.87	0.177	5	5.02	5.78	0.0	209
03-107	31.30	27.46	3.84	0	NP	NP	NP	NP	NP	NP	NP
03-109	33.69	30.07	3.62	0	6.15	0.277	7	9.30	5.74	0.0	199
03-502	28.04	24.48	3.56	T	6.04	0.281	0.0	0.00	6.19	0.0	51
03-518	31.04	27.18	3.86	0	NP	NP	NP	NP	NP	NP	NP
03-898	14.83	13.02	1.81	T	5.97	0.187	0.0	2.07	6.90	0.0	172
AMW-704	8.21	7.09	1.12	0	5.90	0.213	15	1.40	8.15	0.0	96
CTO-124-MW14	13.74	11.03	2.71	T	NP	NP	NP	NP	NP	NP	NP
CTO-124-MW15	20.96	17.82	3.14	0	NP	NP	NP	NP	NP	NP	NP
HMW-303-1	30.78	27.11	3.67	0	NP	NP	NP	NP	NP	NP	NP
HMW-303-2	30.55	26.93	3.62	0	NP	NP	NP	NP	NP	NP	NP
HMW-303-3	31.64	27.85	3.79	0	NP	NP	NP	NP	NP	NP	NP
HMW-303-4	30.20	26.16	4.04	0	NP	NP	NP	NP	NP	NP	NP
HMW-303-9	29.54	26.35	3.19	0	NP	NP	NP	NP	NP	NP	NP
HMW-303-10	9.78	6.49	3.29	0	NP	NP	NP	NP	NP	NP	NP
HMW-303-11	30.35	26.70	3.67	0.02	NP	NP	NP	NP	NP	NP	NP
MW-303-7	26.78	21.72	5.06	0	6.10	0.428	5.1	0.00	7.13	0.0	-29

C-1

Table C-1. 2012 Field Measurements for SWMU 62, New Housing Fuel Leak (continued)

Physical Measurements					Groundwater Parameters						
Well Location	Casing Elevation	Depth to Water	Groundwater Surface Elevation	Measured Product Thickness (ft)	pH (SU)	Specific Conductance (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Salinity (%)	ORP (mV)
MW-303-8	27.39	22.82	4.57	0	NP	NP	NP	NP	NP	NP	NP
MW-303-12	25.80	21.45	4.35	0	NP	NP	NP	NP	NP	NP	NP
MW-303-14	28.10	22.48	5.62	0	NP	NP	NP	NP	NP	NP	NP
RW-303-4	27.89	22.15	5.74	0	NP	NP	NP	NP	NP	NP	NP
RW-303-6	29.09	23.53	5.56	0	NP	NP	NP	NP	NP	NP	NP
RW-303-7	26.61	22.62	3.99	0	NP	NP	NP	NP	NP	NP	NP
RW-303-9	28.34	24.71	3.63	T	NP	NP	NP	NP	NP	NP	NP
RW-303-13	8.98	6.88	2.10	T	6.03	0.185	0.0	4.07	9.72	0.0	183
RW-303-14	10.53	7.96	2.57	0	5.94	0.164	2.2	0.54	7.45	0.0	63
RW-303-15	31.26	27.67	3.59	0	NP	NP	NP	NP	NP	NP	NP
RW-303-16	11.02	7.94	3.08	0	5.85	0.193	0.0	0.00	7.08	0.0	23

Notes:

Casing elevation is that reported in the Naval Installation Restoration Information Solution (NIRIS) database.

The water quality parameters measured prior to sample collection are reported.

BTOC – below top of casing

ft – feet

mS/cm – milliSiemens per centimeter

mV – millivolt

NTU – nephelometric turbidity unit

SU – standard unit

T – trace product

°C – degrees Celsius

mg/L – milligrams per liter

MLLW – mean lower low water

NP - not planned

ORP – oxidation-reduction potential

SWMU – solid waste management unit

APPENDIX D
RESPONSE TO REGULATOR COMMENTS

Responses to Comments
Alaska Department of Environmental Conservation
Comments on the Draft Remedial Action Summary Report-Free Product Recovery, November 2012
Former Adak Naval Complex

Commenter: Guy Warren (ADEC) and Meghan Dooley (ADEC)

Comments Developed: February 4, 2013

Cmt. No.	Pg. & Line	Sec.	Comment/Recommendation	Navy Response
1.	Page ES-1, Line 21	ES	Typo in sentence "...of less than ø 5 gallons....." Please delete second "of".	The text has been revised as requested.
2.	Page 1-2, Line 1	1.1	Text states: "the extent of <u>contamination</u> on site had significantly decreased." Please replace "contamination" with "free product". This monitoring addressed the extent of free product, the extent of contamination is determined through ground water monitoring.	The text has been revised as requested.
3.		Figure 1-2	Please remove "Ordnance Sites" from this figure. The data presented is actually the Parcel 4 boundary and not the entirety of ordnance sites on the island.	Figure 2-1 has been revised as requested.
4.		Figure 2-1	Please identify on this figure those wells that are recommended for discontinuation of free product monitoring.	The symbol for the wells recommended for removal from the free product recovery program has been change to stand-out from other wells.
5.	Page 3-1, Line 21-22	3.1	I think the point here is that the site had reached monitoring end point criteria requirements. ADEC granted conditional closure thereby discontinuing long-term monitoring and free product recovery. Line 30 as well. ADEC granted closure because we had reached the monitoring end point specified in the relevant decision document.	Line 30 has been revised to read, "...ADEC agreed to grant conditional closure at NORPAC Hill Seep Area and SA 88, P-70 Generator <u>because the practical endpoint criteria specified in the OU A ROD add been achieved.</u> "
6.	Page 3-2, Line 30	3.1.1	Please specify that the surface water quality criteria that was exceeded was the presence of sheen on surface water.	No sheen has been observed on the surface water. Line 29/30 has been revised to read, "However during annual LTM activities, the surface water protection criteria were observed to be exceeded <u>based on the presence of free product in shoreline wells.</u> "
7.	Page 3-3, Line 17	3.1.2	Delete "...and decreasing concentrations of petroleum constituents in groundwater." This	The text has been revised as requested.

Responses to Comments
Alaska Department of Environmental Conservation
Comments on the Draft Remedial Action Summary Report-Free Product Recovery, November 2012
Former Adak Naval Complex

Commenter: Guy Warren (ADEC) and Meghan Dooley (ADEC)

Comments Developed: February 4, 2013

Cmt. No.	Pg. & Line	Sec.	Comment/Recommendation	Navy Response
			part of the sentence is not accurate and should be removed.	
8.	Page 4-2, Line 28-32	4.0	Please describe if sheen has been observed in the months since the installation of the MNA zone.	Petroleum sheen was only noted in the area of Boom 9/12 in September 2012. Sheen was observed on both the shoreline and on the water surface. No additional petroleum sheen was observed during the October 2012 through January 2013 monitoring events. A discussion of these observations has been added to Section 4.0.
9.	Page 5-2	5.3.1	ADEC concurs with the discontinuation of the seven wells for periodic monitoring and free product recovery at SWMU 62. Do we want to include a recommendation regarding the continued and persistent presence of sheen and other observations of petroleum present in the east canal down gradient from site SWMU 62. ADEC recommends that a MNA zone similar to that installed at T-1451 be installed down-gradient of the SWMU 62 interception trench to enhance the degradation of residual petroleum prior to discharge into the east canal.	The Navy currently plans to install an MNA system in the area of Boom 11 in FY 15, assuming the newly installed MNA zone at Boom 9/12 continues to operate as designed. The Navy will continue to monitor the seeps along the shoreline of East Canal down-gradient of SWMU 62.
10.	Page 5-3,	5.3.2	ADEC concurs with the recommendations to discontinue free product recovery activities at the locations identified in the text.	Comment noted.