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Subject:

Submission of Final Report – Summary of Remediation Activities
ExxonMobil Pipeline Company Silvertip Pipeline Incident Response
USEPA Administrative Order Docket Number CWA-08-2011-0020
Laurel, Yellowstone County, Montana

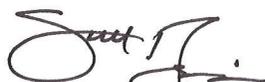
Dear Mr. Merritt:

ExxonMobil Environmental Services Company (EMES) on behalf of ExxonMobil Pipeline Company (EMPCo) is submitting the attached document titled *Final Report – Summary of Remediation Activities* (FRSRA) for the Silvertip Pipeline Incident response located in Laurel, Montana. This final report is intended to address Section V.14.I. of the United States Environmental Protection Agency Administrative Order (AO) dated July 6, 2011. AO Section V.14.I. requires that EMPCo submit a final report to USEPA detailing the work completed related to the response by November 10, 2011. The format of the FRSRA has been prepared consistent with the items discussed during our conference call on November 1, 2011. With the submittal of this FRSRA, EMPCo believes it has fulfilled the requirements of the USEPA AO.

If you have any questions regarding this report, please contact Mr. Brian Magruder with EMPCo at 713-656-2190, or Mr. Forrest Hand of EMES at 281-654-8457.

Sincerely,

ARCADIS U.S., Inc.



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ExxonMobil Pipeline Company

**Final Report - Summary of
Remediation Activities**

Silvertip Pipeline Incident Response
Laurel, Montana

November 9, 2011

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Acronyms and Abbreviations

AO	Administrative Order
AOC	Administrative Order on Consent
ATMs	Approved Treatment Methods
BLM	Bureau of Land Management
CTEH	Center for Toxicology and Environmental Health, L.L.C.
CTRs	Complied Treatment Recommendations
EMES	ExxonMobil Environmental Services
EMPCo	ExxonMobil Pipeline Company
FRSRA	Final Report – Summary of Remediation Activities
ft	Foot/Feet
ICS	Incident Command System
MDEQ	Montana Department of Environmental Quality
MDNRC	Montana Department of Natural Resources and Conservation
MFWP	Montana Fish, Wildlife, and Parks
NAM	Natural Attenuation Monitoring
QA/QC	Quality Assurance/Quality Control
PWS	Public Water Supply
SART	SCAT Area Transition Report
SCAT	Shoreline Cleanup Assessment Technique
SRAR	Summary of Remediation Activities Report
UC	Unified Command
USCG	U.S. Coast Guard
USEPA	U.S. Environmental Protection Agency
USFWS	U.S. Fish and Wildlife Service



Final Report - Summary of Remediation Activities

Silvertip Pipeline Incident
Response
Laurel, Montana

1. Introduction

This *Final Report - Summary of Remediation Activities* (FRSRA) has been prepared by ExxonMobil Environmental Services Company on behalf of ExxonMobil Pipeline Company (EMPCo) to address the requirements of Section V.14.I of the U.S. Environmental Protection Agency (USEPA) Administrative Order (AO) issued in connection with the Silvertip Pipeline Incident that occurred on July 1, 2011, near Laurel, Montana (the site). Section V.14.I. of the AO requires EMPCo to submit a final report to USEPA detailing the work completed related to the response by November 10, 2011 (USEPA, 2011).

A previous report titled *Summary of Remedial Activities Report* (SRAR) dated August 17, 2011 was submitted to the USEPA through the Unified Command (UC) (ARCADIS, 2011a). The SRAR summarized the progress of the site remediation activities required by Section V of the AO from the date of the release (July 1, 2011) through August 12, 2011. In an email to EMPCo dated September 2, 2011, Mr. Steve Merritt with the USEPA indicated that the Final Report did not need to cover the July 1st through August 12th period because it was already addressed in the SRAR. Therefore, this FRSRA, which presents the results of the remediation activities for the Silvertip Pipeline completed between August 13, 2011, and November 10, 2011, combined with the previously submitted SRAR fulfills the final report requirement in Section V.14.I of the AO.

1.1 Background

On July 1, 2011, there was a release of crude oil from the Silvertip Pipeline located near Laurel, Montana. EMPCo activated its Emergency Response Plan to provide a rapid and comprehensive response to the incident. Pursuant to this plan, an Incident Action Plan was developed, and an Incident Command System (ICS) organization and UC were established to manage the release response activities in a coordinated manner with the multiple stakeholders listed in Section 2 below. On July 6, 2011, the USEPA issued the AO, which requires certain removal action activities to address the release pursuant to the Clean Water Act. As stated above, this report has been developed in accordance with Section V.14.I of the AO.

The Silvertip Pipeline is located in the vicinity of Laurel, Montana (near Mile Posts 20.7 and 21.0), in Yellowstone County as shown on a portion of the Laurel and Mossmain quadrangles on the U.S. Geological Survey 7.5-minute topographic map that is

presented as Figure 1. Figure 2 shows Yellowstone River Divisions A through H where response-related activities were conducted.

1.2 Report Organization

This FRSRA is organized into the following sections:

- **Section 1: Introduction** – Provides the introductory and background information relevant to this FRSRA.
- **Section 2: Summary of Remediation Activities** – Summarizes the remediation activities completed for the project to address the requirements of AO Section V.14.I.
- **Section 3: Conclusions** – Presents overall conclusions based on the information included in this FRSRA.
- **Section 4: References** – Lists the references cited in this FRSRA.

Appendices A (ICS 209 Form) and B (Waste Disposal Bills of Lading – August 13, 2011 through November 9, 2011) present the supporting documentation used to develop this report.

2. Summary of Remediation Activities

This section describes the remediation activities that have been performed as part of the incident response, including source control measures, remediation and assessment activities performed along the river, adjacent banks, and floodplain areas; and reclamation activities conducted between August 13 and November 10, 2011. In some cases, a cumulative summary of the material or work completed since project inception is presented based on available information and is noted as such where appropriate.

Throughout the performance of the activities presented in this section, EMPCo has engaged and coordinated efforts with federal and state regulatory agencies and other stakeholders that comprised the UC, including, but not limited to:

- USEPA;
- U.S. Fish and Wildlife Service (USFWS);
- Montana Fish, Wildlife, and Parks (MFWP);
- Montana Department of Environmental Quality (MDEQ);
- United States Coast Guard (USCG);
- U.S. Bureau of Land Management (BLM);
- Montana Department of Agriculture;
- Montana Department of Health; and
- Tribal Councils.

For reference purposes, a summary of noteworthy work plans and reports generated during the response is provided in Table 1.

2.1 Source Area Actions Completed

Work was conducted during the reporting period (August 13 to November 10, 2011) to replace the damaged portion of the Silvertip Pipeline. The new pipeline segment was placed into operation on September 24, 2011, after EMPCo successfully completed horizontal directional drilling activities that buried the replacement pipeline approximately 70 feet below the bed of the Yellowstone River.

EMPCo applied for permits to extract the damaged pipe from the river, and the last required permit was received from Montana Department of Natural Resources and Conservation (MDNRC) on October 13, 2011. Preliminary activities, consisting of staging work, started in mid October, and actual pipeline extraction work is currently underway.

2.2 Oil Remediation Activities Completed

EMPCo completed the remediation activities required by the AO on October 14, 2011. The following presents a summary following of the main resources deployed over the entire response, as documented on the final Incident Command System (ICS) 209 Form, which compiles site data for the entire project through October 15, 2011 (See Appendix A):

- 52,380 feet (ft) of sorbent boom and 217 sorbent rolls;
- 314 viscous sweeps;
- 1,372 bales of individual sorbent pads; and
- 300 oil booms.

In the course of implementing these remediation activities, various waste streams were produced, all of which were characterized and handled as prescribed in the Waste Disposal Plan (EMPCo, 2011) and in accordance with applicable regulations. During the response, there were three categories of wastes that were generated: liquid wastes (i.e., oil, oily liquids, and liquids generated during decontamination activities), solid wastes including oil-containment materials (e.g., sorbent booms and pads), and other oiled solids (e.g., debris and vegetation).

The following table summarizes the waste management quantities generated from the beginning of the project through October 15, 2011, based on ICS 209 Form (Appendix A) and the Silvertip Incident Waste Tracking Database:

Waste Type	Total Quantity Recovered/Produced ⁱ	Quantity Stored	Quantity Transported Off-Site for Disposal
Oily Liquids ^a (gallons)	2,742	0	2,742
Decontamination Water ^b (barrels)	548	0	548
Oily Solids ^c (cubic yards)	6,584	0	6,584
Universal Waste ^d (lbs)	3	0	3
Household Hazardous Waste ^e (lbs)	215 lbs	0	215 lbs
Electronic Waste ^f (lbs)	10	0	10
Scrap Metal ^g (cubic yards)	50	0	50
Decon Mud ^h (drums)	7	0	7

Notes:

- a. Oily liquids include oily water collected in the field and recovered decontamination liquids recovered during clean up operations.
- b. Oily liquids recovered from decontamination operations.
- c. Oily solids include sorbents and PPE, woody debris, wood chips, vegetation, and/or crops, oiled construction debris, treated wood, oily soil and filters recovered during clean up operations.
- d. Universal Waste identified by residents that are no longer usable.
- e. Household Hazardous Waste identified by residents that are no longer usable.
- f. Electronic Waste identified by residents that are no longer usable.
- g. Scrap metal for recycling recovered from clean up operations.
- h. Recovered mud from decon operations.
- i. Waste quantities updated based on Silvertip Incident Waste Tracking Database through November 3, 2011.

Copies of disposal records generated from August 13 through November 3 when waste management operations were completed for the project are provided in Appendix B. Please refer to the SRAR for disposal records generated from July 1, 2011 through August 12, 2011 (ARCADIS, 2011a).

2.3 Shoreline Cleanup Assessment Technique (SCAT) Activities

The SCAT process consists of a standard methodology for the identification, documentation and description of oiled shorelines. The SCAT results are used by the UC team to develop a tailored shoreline cleanup plan for affected segments. The SCAT team observation process for the Yellowstone River and affected shorelines, upland areas, and riparian zones in Divisions A, B, and C was completed on September 28, 2011 (Figure 2) (Note: additional cleanup operations related to wildlife concerns continued until October 14, 2011).

Since the beginning of the response, approximately 996 SCAT surveys over 391 river segments (including left/right banks and islands) encompassing approximately 9,573 acres were conducted within River Divisions A, B, and C (See Appendix A; Polaris, 2011). SCAT surveys were discontinued in Division C after these surveys consistently revealed that no oil existed in quantities requiring treatment beyond river segment C55. The following summarizes the SCAT survey activities performed in each of the respective divisions and the associated consensus determination of the degree of oiling, with respect to river division, as determined in the field by the SCAT teams:

River Division	Surveys Performed	Oiling by Category (acres)					
		None Observed	Very Light	Light	Moderate	Heavy	Total
A	223	416 (54%)	130 (17%)	103 (13%)	118 (15%)	8.5 (1%)	776
B	328	391 (28%)	548 (39%)	366 (26%)	84 (6%)	1.01 (<1%)	1,389
C	445	5,077 (69%)	2,069 (28%)	253 (3%)	9.5 (<1%)	0	7,408

Note: Values are rounded.

2.3.1 Compiled Treatment Recommendations Status

Cleanup actions required under the Compiled Treatment Recommendations (CTRs) were completed on September 28, 2011. CTRs consist of implementing one or more of ten approved treatment methods (ATMs) established for the response by the UC (ARCADIS, 2011b). The ATMs are tailored to remediate each segment or group of river segments based on the material affected and degree of impact as determined by SCAT surveys. The ATMs consist of:

- Cutting of Vegetated and Shrub/Scrub Shorelines, Floodplains, and Riverbanks (non-high use public access areas);
- Dead (unattached) Oiled Vegetation and Small Oiled Debris Removal;
- Large Woody Debris/Other Hard Surfaces;
- Soil/Sediment Removal;
- Sorbent Use Guidelines;
- Heavy Equipment Oiled Debris Removal;
- Natural Attenuation;
- Reference Cleanup Recommendations or Decision to Technical Advisory Group;
- Treatment with Dust Fixative; and
- Light Mechanical Equipment Use in the Riparian Zone.

Each CTR for the designated river segments summarizes the following: 1) the observed level of impacts (i.e., oiling); 2) the percentage of material affected; and 3) the list of treatment methods selected from the 10 ATMs referenced above. Beginning in August, small operations teams were embedded with the SCAT teams, and tasked with immediate implementation of CTRs to clean up oiled areas with minimal impact to accelerate the overall cleanup process. The USEPA demobilized from the site September 9, 2011 upon completion of CTRs for the heavily and moderately oiled areas.

A total of 64 CTRs were developed and completed in Divisions A, B, and C for the response. Altogether, the completed CTRs encompass over 9,573 acres. Oil removal operations were conducted within all 391 segments covered under the CTRs. Each of the 391 segments was then resurveyed and the results ultimately approved by SCAT teams, had no further treatment required, or had no oil observed as of September 28, 2011. Focused surveying of areas internal to the 391 segments continued through early October to address data gaps in previously surveyed areas (Polaris, 2011). The waste generated during CTR implementation is included in the summary provided in Section 2.2.

Limited supplemental treatment of one targeted area in Area A28 (A28-IS) was performed on November 8, 2011 to remediate oiled material in a debris pile by thermal removal via burning. This area was deemed inaccessible due to safety and access issues for approved ATM implementation. The controlled debris pile burn was managed by the MDNRC with support from ExxonMobil Environmental Services Company (EMES).

2.3.2 SCAT Area Transition Reports

As part of the response, SCAT Area Transition Reports (SATRs) were requested by the UC to document the cleanup activities performed at each river segment, and a process was developed and implemented during the reporting period to complete the SATRs. Each individual report compiles information from multiple sources onsite. Sources include parcel figures including access conditions, environmental sampling locations and analytical results from the SCRIBE database, oil removal quantities from cleanup contractors, and oiling condition maps, cleanup recommendations, cleanup activity forms, and completed sign-off forms from the SCAT team. A total of 132 SATR reports were completed for the response. Additional detail documenting the process for preparation of the SATRs is provided in the associated report titled *Summary of Assessment and Oil Removal Activities*, November 2011 (ARCADIS, 2011c). Copies of the SATRs and the above-referenced summary report are provided on the Silvertip Pipeline Incident SharePoint site at <https://www.trgwebplans.com/sites/silvertip>.

2.4 Wildlife Management

Since the Silvertip Incident occurred on July 1, a total of 131 individual wildlife specimens (e.g., birds, mammals, and fish) were recovered, treated and released (See Appendix A). A total of 124 specimens recovered in the field over the entire timeframe of the response were dead upon recovery, or died shortly after the time of capture;

however, not all of the dead specimens recovered in the field were related to the release, as some recovered carcasses did not have directly observable signs of impact (ARCADIS, 2011d).

2.5 Tilling Activities

EMPCo submitted an Agricultural Land Tillage and Bioremediation Plan to the UC for properties identified through the ExxonMobil claims process to develop the protocol for removing residual crude oil from agricultural crops and crop lands. The agriculture team has conducted property visits with 49 landowners, including multiple follow-up visits, to implement the plan with an agricultural expert and claims adjuster. Of the landowners visited, tillage plans were developed for 40 properties. A total of 37 landowners have tilled their fields in accordance with the tilling plans as of November 9, 2011.

2.6 Environmental Sampling Activities

This section summarizes the environmental sampling activities related to the Silvertip Pipeline Incident response that have been completed from the beginning of the project through November 10, 2011. The environmental sampling program performed for the response includes the collection of representative samples of air, surface water, groundwater (including samples from drinking water wells and irrigation/non-drinking water wells/ponds), sediment, and riverbank and floodplain soil. Samples were collected by EMPCo, USEPA and MDEQ. In addition, the environmental sampling activities discussed herein include specific sample collection efforts in response to landowner requests for sampling. It should be noted that a number of data collection efforts have been performed at the request of the MDEQ as part of, or in addition to, the sampling required by the USEPA. In some cases, sampling efforts have been combined for efficiency purposes and because the sampling objectives are similar. A summary of the key reports generated by EMPCo and EMES for the Silvertip Pipeline Incident response is presented in Table 1.

The analytical data generated during the Silvertip Pipeline Incident response have been uploaded to the USEPA's SCRIBE database and is accessible at <http://www.epa.gov/yellowstoneriverspill/data/index.htm>. A summary of the samples collected for the project as of October 27, 2011 is provided in Table 2. The sampling counts provided in the following sections are based on available data in the SCRIBE database and include samples that were analyzed by the laboratories along with field-based quality assurance/quality control (QA/QC) samples. Although included in the

SCRIBE database, internal laboratory QA/QC samples are not included in the results described below. Analytical results are also summarized in the SATRs and have been, or will be, included in individual data summary reports prepared for the various sampling programs implemented during the response.

2.6.1 Air Monitoring

Air monitoring was discontinued prior to August 13, 2011 with the approval of UC when it was determined that the sampling results were representative of background conditions and unrelated to the release (CTEH, 2011a).

2.6.2 Groundwater Sampling – Drinking Water Wells

This section summarizes the drinking water well (public and private) sampling activities conducted from the beginning of the response through November 9, 2011. A total of 152 groundwater samples have been collected from drinking water wells by EMPCo, USEPA, and MDEQ through the end of the reporting period, including:

- EMPCo – 113 groundwater samples have been collected, 109 have been analyzed and 4 are currently being analyzed
- USEPA – 22 groundwater samples have been collected and analyzed
- MDEQ – 16 groundwater samples have been collected and analyzed

In addition, a work plan titled *Groundwater Assessment Plan* was submitted to the MDEQ by EMES on October 1, 2011 for assessing shallow groundwater quality in areas with the highest potential for affected groundwater based on the SCAT survey results consistent with the MDEQ's request in the August 17, 2011 letter to EMPCo. Comments on the plan were received from the MDEQ on October 21, 2011, and these comments were addressed by EMES during a meeting with the MDEQ on October 28, 2011. A revised *Groundwater Assessment Plan* and response to comments were submitted to the MDEQ on November 7, 2011. The groundwater assessment will be implemented in 2012 after obtaining access approvals and fulfilling permitting requirements. This assessment is also intended to address the groundwater investigation requested in the *Downstream Impacted Areas Remediation Plan* prepared pursuant to the AO (CTEH, 2011b).

2.6.3 Groundwater Sampling – Irrigation/Non-Drinking Water Well Sampling

This section summarizes the irrigation/non-drinking water well and pond sampling activities conducted from the beginning of the response through November 9, 2011. A total of 60 groundwater samples have been collected from irrigation / non-drinking water wells by EMPCo, USEPA, and MDEQ, including:

- EMPCo – 47 samples have been collected, 45 have been analyzed, and 2 samples are currently being analyzed, with sampling to continue per landowner requests;
- USEPA – 4 samples have been collected and analyzed; and
- MDEQ – 9 samples have been collected and analyzed.

2.6.4 Surface Water – Yellowstone River

This section summarizes the surface water samples collected from the Yellowstone River from the beginning of the response through November 10, 2011. A total of 164 surface water samples have been collected by EMPCo, USEPA, and MDEQ, including:

- EMPCo – 144 samples have been collected from the Yellowstone River and associated waterways and analyzed under the following two programs (ARCADIS, 2011e):
 - Downstream Areas Surface Water Sampling Program - per the USEPA AO, samples were collected from Divisions A through H. The report for this program was submitted on October 3, 2011.
 - PWS Sampling Program - Surface water samples were collected at 8 Public Water Supply (PWS) intakes and within PWS facilities (Laurel, Billings, Lockwood, Hysham, Colstrip, Forsythe, Miles City, and Sydney) along the river per the MDEQ's request. The report for this sampling program is pending. A ninth PWS, Glendive, was sampled at the request of the MDEQ on October 25, 2011. The analytical results for this sample are pending.
- USEPA – 1 sample was collected from the Yellowstone River and analyzed

- MDEQ – 19 surface water samples have been collected from the Yellowstone River and analyzed

2.6.5 Sediments – Yellowstone River

This section summarizes the sediment samples collected from the Yellowstone River and associated waterways from the beginning of the response through November 2, 2011. A total of 146 sediment samples have been collected by EMPCo, USEPA, and MDEQ, including:

- EMPCo – 54 sediment samples have been collected for the following two programs (ARCADIS, 2011f):
 - Downstream Areas Soil and Sediment Sampling Program - per the USEPA AO, 39 sediment samples were collected from Divisions A through H. The report for this sampling program is planned for submittal to the USEPA on November 10, 2011.
 - PWS Sampling Program - per the MDEQ's request, 15 sediment samples were collected from 8 PWS intakes (Laurel, Billings, Lockwood, Hysham, Colstrip, Forsythe, Miles City and Sydney) and available sedimentation ponds along the river. The report for this sampling program is pending. A ninth PWS, Glendive, was sampled at the request of the MDEQ on October 25, 2011. The analytical results for this sample are in pending.
- MDEQ-requested sampling in backwater areas – 57 sediment samples were collected by EMES at the request of the MDEQ in backwater areas within the Yellowstone River. Sampling activities for this program were completed on November 2, 2011. Analytical results are pending.
- Source Area Sediment Sampling – The requirement for source area sediment sampling was deemed satisfied by the USEPA based on the total sediment sample dataset collected for the Silvertip Pipeline Incident response to date. Therefore, source area sediment sampling was not required as documented in an e-mail from the USEPA to EMES dated November 1, 2011.
- USEPA – 33 sediment samples have been collected and analyzed.
- MDEQ – 2 sediment samples have been collected and analyzed.

2.6.6 Soil Sampling

This section summarizes the soil samples collected from the beginning of the response through October 31, 2011. A total of 848 soil samples have been collected by EMPCo, USEPA, and MDEQ through the end of the reporting period, including:

- EMPCo – 646 soil samples have been collected for the following two programs:
 - Landowner Requested Soil Sampling Program - 560 soil samples have been collected from private residential, riparian and agricultural areas as requested by landowners, with sampling to continue as requested.
 - Downstream Areas Soil and Sediment Sampling Program - per the USEPA AO, 96 soil samples have been collected along the Yellowstone River (from Divisions A through H) as part of the downstream sampling program per the USEPA AO. The report for this sampling program is planned for Submittal to USEPA on November 10, 2011.
- USEPA – 69 soil samples have been collected and analyzed.
- MDEQ – 123 soil samples have been collected and analyzed.

2.6.7 Natural Attenuation Monitoring

A Natural Attenuation Monitoring (NAM) event was conducted from October 25, 2011 through November 2, 2011. The NAM event was performed in accordance with the NAM Work Plan dated October 12, 2011 (ARCADIS, 2011g). The purpose of the NAM program is to monitor and document degradation of residual crude oil left on vegetation and debris as requested in the draft MDEQ Administrative Order on Consent (AOC), Attachment A. The program consists of monitoring 45 total locations; 15 locations each within River Divisions A, B, and C where light oiling was left in place to naturally attenuate. The monitoring locations include a variety of habitat types and oiling conditions. Monitoring of these locations consisted of photo-documentation of oiled vegetation and descriptions of conditions at the selected locations. Reporting for the October 2011 monitoring event is in progress. Two additional monitoring events are scheduled in 2012 under the plan.

2.7 Reclamation

EMPCo submitted a plan to the UC on August 30, 2011 titled *Framework Document for the Reclamation of Disturbed Vegetation* to address the reclamation of vegetation that was disturbed during the incident response activities conducted at the site (ARCADIS, 2011h). This plan summarizes the need for reclamation on portions of the site, impacts related to cleanup activities, field activities conducted to characterize vegetation communities, a framework for implementation of reclamation techniques, monitoring of rehabilitated vegetation and a schedule for future work. This plan was developed with input from appropriate state and local stakeholders.

Field teams composed of stewards of public lands and qualified ARCADIS scientists performed disturbance mapping and vegetative community characterization field surveys between September 15 through 29, 2011. A total of 54 zones were identified for future reclamation activities. Reclamation activities were implemented on October 6 and were completed October 21, 2011.

The total approximate linear footage and area that has been reclaimed in Divisions A, B, and C is as follows:

Division	Water-Based Reclamation		Land-Based Reclamation	
	Estimated Linear Footage (LF)	Estimated Area (SF)	Estimated Linear Footage (LF)	Estimated Area (SF)
A	3,200	32,000	4,000	40,000
B	900	9,000	8,500	85,000
C	0	0	500	5,000
Total:	4,100	41,000	13,000	130,000

A final report documenting completion of the reclamation activities is in preparation.



Final Report - Summary of Remediation Activities

Silvertip Pipeline Incident
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3. Conclusions

Since the date of the release, EMPCo in cooperation with the Incident-related stakeholders mobilized significant resources to the site to contain and recover oil, to characterize the extent of the potential impacts, and expedite the associated oil remediation and reclamation activities. As a result, EMPCo has fulfilled the requirements of the USEPA AO. EMPCo will continue to work with the MDEQ and other stakeholders to address the remaining activities associated with the response.

4. References

- ARCADIS. 2011a. Summary of Remediation Activities. Silvertip Pipeline Incident, Laurel, Montana. ARCADIS G&M of North Carolina, Inc. August 17, 2011.
- ARCADIS. 2011b. Downstream Impacted Areas Surface Water Sampling Plan. Silvertip Pipeline Incident, Laurel, Montana. ARCADIS G&M of North Carolina, Inc. July.
- ARCADIS. 2011c. Summary of Assessment and Oil Removal Activities. October 2011.
- ARCADIS. 2011d. Wildlife/Operations Update on Silvertip Incident Summary of Impacted Wildlife. October 12, 2011.
- ARCADIS. 2011e. Downstream Areas Surface Water Data Summary Report, Silvertip Pipeline Incident, October 3, 2011, Laurel, Montana. CTEH. 2011a. Downstream Impacted Areas Remediation Plan. Center for Toxicology and Environmental Health, L.L.C. August 5, 2011.
- ARCADIS. 2011f. Downstream Impacted Areas Soil and Sediment Sampling Plan. Silvertip Pipeline Incident, Laurel, Montana. ARCADIS G&M of North Carolina, Inc. August.
- ARCADIS, 2011g. Natural Monitored Attenuation Work Plan. Silvertip Pipeline Incident, Laurel, Montana. ARCADIS G&M of North Carolina, Inc. October 12, 2011.
- ARCADIS. 2011h. Framework Document for the Reclamation of Disturbed Vegetation, Silvertip Pipeline Incident, Laurel, Montana. ARCADIS G&M of North Carolina, Inc. August.
- CTEH. 2011a. Personal communication between representatives of ARCADIS-US and Center for Toxicology and Environmental Health, L.L.C. August 2011.
- CTEH. 2011b. Downstream Impacted Areas Remediation Plan. Center for Toxicology and Environmental Health, L.L.C. August 5, 2011.



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Silvertip Pipeline Incident
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EMPCo. 2011. Waste Disposal Plan for Silvertip Pipeline Incident. ExxonMobil Pipeline Company.

Polaris, 2011. Segment Status Tracking Log. Final. October 28, 2011.



Tables



Table 1
Summary of Key Response Documents
Silvertip Incident Response, Laurel, Montana

Document Title	Date Submitted	Author	For/To	Latest Revision Date
Incident Decontamination Plan	7/6/2011	Criag Wyatt	UC	8/1/2011
Health and Safety Plan	7/19/2011	ARCADIS	UC	9/27/2011
Downstream Impacted Areas Surface Water Sampling Plan	7/22/2011	ARCADIS	UC	--
Silvertip Incident SCAT Plan	7/30/2011	Greg Challenger	UC	--
Downstream Areas Soil and Sediment Sampling Plan	8/5/2011	ARCADIS	UC	--
Quality Assurance Project Plan	8/5/2011	CTEH	UC	9/7/2011
Comprehensive Sampling and Analysis Plan	8/5/2011	CTEH	UC	--
Oil Containment and Recovery Plan	8/5/2011	CTEH	UC	--
Source Release Area Remediation Plan	8/5/2011	CTEH	UC	--
Remediation Plan for Downstream Impacted Area	8/5/2011	CTEH	UC	--
Waste Treatment Transportation and Disposal Plans	7/7/2011	UC	EPA/MDEQ	--
Waste Disposal Plan	8/12/2011	Operations/Logistics	EPA/MDEQ	--
Wildlife Response Plan	7/21/2011	Wildlife Branch	UC	8/13/2011
Summary of Remediation Activities Report	8/17/2011	ARCADIS	EPA/UC	--
Source Area Sediment Plan	8/30/2011	ARCADIS	EPA/UC	--
Demobilization Plan	8/31/2011	Craig Wyatt	UC	7/24/2011
PWS Sampling Work Plan	9/10/2011	ARCADIS	MDEQ	--
Framework for the Reclamation of Disturbed Vegetation	9/24/2011	ARCADIS	MDEQ	--
Downstream Areas Surface Water Sampling Data Report	9/30/2011	ARCADIS	EPA/UC	--
Groundwater Assessment Plan	10/1/2011	ARCADIS	MDEQ	11/3/2011
Status Report - Third Quarter 2011	10/14/2011	ARCADIS	MDEQ	--
Downstream Areas Soil and Sediment Sampling Data Report	11/10/2011	ARCADIS	EPA/MDEQ	--
PWS Sampling Data Report	Pending	ARCADIS	MDEQ	--
USEPA Approval Letter RE: ExxonMobil Silvertip Pipeline Spill (CWA-08-2011-0020) - AO Work Plans	7/29/2011	USEPA	EMPCo	--
Downstream Extent of SCAT Observations	8/12/2011	Polaris	UC	--
Protocol for Impacted Areaa	8/11/2011	Planning Section Chief	UC	--
Incident Action Plan	7/7/2011	Ryan Hotchkiss	UC	--
Occupational Health Monitoring Plan	7/7/2011	CTEH	UC	--
EMPCo Letter to USEPA - RE: Responses to Sections V-VI of the USEPA Administrative Order ExxonMobil Silvertip Pipeline Spill (CWA-08-2011-0020)	7/8/2011	EMPCo	EPA/MDEQ	--
Sampling and Analysis Plan	7/7 and 7/8/2011	CTEH	UC	8/5/2011
ExxonMobil Silvertip Pipeline Spill (CWA-08-2011-0020) - Adminstrative Order	7/6/2011	EPA	EMPCo	--
Oil Fate and Transport Discussion FINAL	7/22/2011	NOAA	EPA/MDEQ	--
Summary of Assessment and Oil Removal Activites	11/1/2011	ARCADIS	EMPCo	--
Wildlife Recovery Plan	7/12/2011	Wildlife Branch	UC	--

Table 2. Summary of Environmental Media Samples Collected.

Sample	Sample Date	Facility Code
Ambient Air		
LAMT0706HS001	06-Jul-11	Z8DY_CTEH
LAMT0706VC001	06-Jul-11	Z8DY_CTEH
LAMT0706VC002	06-Jul-11	Z8DY_CTEH
LAMT0706HS002	06-Jul-11	Z8DY_CTEH
LAMT0706HS003	06-Jul-11	Z8DY_CTEH
LAMT0706VC003	06-Jul-11	Z8DY_CTEH
LAMT0706VC004	06-Jul-11	Z8DY_CTEH
LAMT0706HS004	06-Jul-11	Z8DY_CTEH
SPSC06_070611	06-Jul-11	Z8DY_START
LAMT0706HS005	06-Jul-11	Z8DY_CTEH
LAMT0706VC005	06-Jul-11	Z8DY_CTEH
SPSC01_070611	06-Jul-11	Z8DY_START
SPSC04_070611	06-Jul-11	Z8DY_START
SPSC02_070611	06-Jul-11	Z8DY_START
LAMT0706VC006	06-Jul-11	Z8DY_CTEH
LAMT0706VC007	06-Jul-11	Z8DY_CTEH
SPSC03_070611	06-Jul-11	Z8DY_START
SPSC05_070611	06-Jul-11	Z8DY_START
LAMT0706VC008	06-Jul-11	Z8DY_CTEH
LAMT0706VC009	06-Jul-11	Z8DY_CTEH
LAMT0706VC010	06-Jul-11	Z8DY_CTEH
LAMT0707VC011	07-Jul-11	Z8DY_CTEH
LAMT0707VC012	07-Jul-11	Z8DY_CTEH
LAMT0707VC013	07-Jul-11	Z8DY_CTEH
LAMT0707VC014	07-Jul-11	Z8DY_CTEH
LAMT0707VC015	07-Jul-11	Z8DY_CTEH
LAMT0707VC016	07-Jul-11	Z8DY_CTEH
LAMT0707VC020	07-Jul-11	Z8DY_CTEH
LAMT0707VC017	07-Jul-11	Z8DY_CTEH
LAMT0707VC019	07-Jul-11	Z8DY_CTEH
LAMT0707HS006	07-Jul-11	Z8DY_CTEH
LAMT0707HS007	07-Jul-11	Z8DY_CTEH
LAMT0707HS008	07-Jul-11	Z8DY_CTEH
LAMT0707HS009	07-Jul-11	Z8DY_CTEH
LAMT0707HS010	07-Jul-11	Z8DY_CTEH
LAMT0707HS011	07-Jul-11	Z8DY_CTEH
LAMT0708HS013	08-Jul-11	Z8DY_CTEH
LAMT0708HS014	08-Jul-11	Z8DY_CTEH
LAMT0708VC021	08-Jul-11	Z8DY_CTEH
LAMT0708HS015	08-Jul-11	Z8DY_CTEH
LAMT0708VC022	08-Jul-11	Z8DY_CTEH
LAMT0708VC023	08-Jul-11	Z8DY_CTEH
LAMT0708HS016	08-Jul-11	Z8DY_CTEH
LAMT0708VC024	08-Jul-11	Z8DY_CTEH
LAMT0708HS017	08-Jul-11	Z8DY_CTEH
LAMT0708HS018	08-Jul-11	Z8DY_CTEH
LAMT0708VC025	08-Jul-11	Z8DY_CTEH
LAMT0708HS019	08-Jul-11	Z8DY_CTEH
LAMT0708VC026	08-Jul-11	Z8DY_CTEH
LAMT0708VC027	08-Jul-11	Z8DY_CTEH
LAMT0708HS020	08-Jul-11	Z8DY_CTEH
LAMT0709VC028	08-Jul-11	Z8DY_CTEH
LAMT0708HS021	08-Jul-11	Z8DY_CTEH
LAMT0709VC029	08-Jul-11	Z8DY_CTEH
LAMT0708HS022	08-Jul-11	Z8DY_CTEH
LAMT0709VC030	09-Jul-11	Z8DY_CTEH
LAMT0709VC031	09-Jul-11	Z8DY_CTEH
LAMT0709VC032	09-Jul-11	Z8DY_CTEH
LAMT0709VC033	09-Jul-11	Z8DY_CTEH
LAMT0709VC034	09-Jul-11	Z8DY_CTEH

Table 2. Summary of Environmental Media Samples Collected.

Sample	Sample Date	Facility Code
Ambient Air		
LAMT0709VC035	09-Jul-11	Z8DY_CTEH
LAMT0709VC036	09-Jul-11	Z8DY_CTEH
LAMT0709VC037	09-Jul-11	Z8DY_CTEH
LAMT0709HS025	09-Jul-11	Z8DY_CTEH
LAMT0709HS026	09-Jul-11	Z8DY_CTEH
LAMT0709HS027	09-Jul-11	Z8DY_CTEH
LAMT0709HS028	09-Jul-11	Z8DY_CTEH
LAMT0709HS029	09-Jul-11	Z8DY_CTEH
LAMT0709HS030	09-Jul-11	Z8DY_CTEH
LAMT0709HS023	09-Jul-11	Z8DY_CTEH
LAMT0709HS024	09-Jul-11	Z8DY_CTEH
LAMT0709HS031	09-Jul-11	Z8DY_CTEH
LAMT0710HS033	10-Jul-11	Z8DY_CTEH
LAMT0710VC040	10-Jul-11	Z8DY_CTEH
LAMT0710VC041	10-Jul-11	Z8DY_CTEH
LAMT0710HS034	10-Jul-11	Z8DY_CTEH
LAMT0710HS035	10-Jul-11	Z8DY_CTEH
LAMT0710VC042	10-Jul-11	Z8DY_CTEH
LAMT0710HS036	10-Jul-11	Z8DY_CTEH
LAMT0710VC043	10-Jul-11	Z8DY_CTEH
LAMT0710HS037	10-Jul-11	Z8DY_CTEH
LAMT0710VC044	10-Jul-11	Z8DY_CTEH
LAMT0710HS038	10-Jul-11	Z8DY_CTEH
LAMT0710VC045	10-Jul-11	Z8DY_CTEH
LAMT0710HS039	10-Jul-11	Z8DY_CTEH
LAMT0710HS040	10-Jul-11	Z8DY_CTEH
LAMT0710VC046	10-Jul-11	Z8DY_CTEH
LAMT0710VC047	10-Jul-11	Z8DY_CTEH
LAMT0710HS041	10-Jul-11	Z8DY_CTEH
LAMT0710VC048	10-Jul-11	Z8DY_CTEH
LAMT0710VC049	10-Jul-11	Z8DY_CTEH
LAMT0710HS042	10-Jul-11	Z8DY_CTEH
LAMT0710HS043	10-Jul-11	Z8DY_CTEH
LAMT0711HS044	11-Jul-11	Z8DY_CTEH
LAMT0711VC051	11-Jul-11	Z8DY_CTEH
LAMT0711HS045	11-Jul-11	Z8DY_CTEH
LAMT0711VC052	11-Jul-11	Z8DY_CTEH
LAMT0711HS046	11-Jul-11	Z8DY_CTEH
LAMT0711VC053	11-Jul-11	Z8DY_CTEH
LAMT0711HS047	11-Jul-11	Z8DY_CTEH
LAMT0711VC054	11-Jul-11	Z8DY_CTEH
LAMT0711HS048	11-Jul-11	Z8DY_CTEH
LAMT0711VC055	11-Jul-11	Z8DY_CTEH
LAMT0711HS049	11-Jul-11	Z8DY_CTEH
LAMT0711VC056	11-Jul-11	Z8DY_CTEH
LAMT0711HS050	11-Jul-11	Z8DY_CTEH
LAMT0711HS051	11-Jul-11	Z8DY_CTEH
LAMT0711VC057	11-Jul-11	Z8DY_CTEH
LAMT0711VC058	11-Jul-11	Z8DY_CTEH
LAMT0711HS052	11-Jul-11	Z8DY_CTEH
LAMT0711VC059	11-Jul-11	Z8DY_CTEH
LAMT0711HS053	11-Jul-11	Z8DY_CTEH
LAMT0711VC060	11-Jul-11	Z8DY_CTEH
LAMT0712VC062	12-Jul-11	Z8DY_CTEH
LAMT0712VC063	12-Jul-11	Z8DY_CTEH
LAMT0712VC064	12-Jul-11	Z8DY_CTEH
LAMT0712VC065	12-Jul-11	Z8DY_CTEH
LAMT0712VC066	12-Jul-11	Z8DY_CTEH
LAMT0712VC067	12-Jul-11	Z8DY_CTEH

Table 2. Summary of Environmental Media Samples Collected.

Sample	Sample Date	Facility Code
Ambient Air		
LAMT0712VC068	12-Jul-11	Z8DY_CTEH
LAMT0712VC069	12-Jul-11	Z8DY_CTEH
LAMT0712VC070	12-Jul-11	Z8DY_CTEH
LAMT0712VC071	12-Jul-11	Z8DY_CTEH
LAMT0713VC076	13-Jul-11	Z8DY_CTEH
LAMT0713VC077	13-Jul-11	Z8DY_CTEH
LAMT0713VC072	13-Jul-11	Z8DY_CTEH
LAMT0713VC078	13-Jul-11	Z8DY_CTEH
LAMT0713VC073	13-Jul-11	Z8DY_CTEH
LAMT0713VC079	13-Jul-11	Z8DY_CTEH
LAMT0713VC074	13-Jul-11	Z8DY_CTEH
LAMT0713VC080	13-Jul-11	Z8DY_CTEH
LAMT0713VC081	13-Jul-11	Z8DY_CTEH
LAMT0713VC075	13-Jul-11	Z8DY_CTEH
LAMT0714VC088	14-Jul-11	Z8DY_CTEH
LAMT0714VC083	14-Jul-11	Z8DY_CTEH
LAMT0714VC084	14-Jul-11	Z8DY_CTEH
LAMT0714VC089	14-Jul-11	Z8DY_CTEH
LAMT0714VC090	14-Jul-11	Z8DY_CTEH
LAMT0714VC085	14-Jul-11	Z8DY_CTEH
LAMT0714VC091	14-Jul-11	Z8DY_CTEH
LAMT0714VC092	14-Jul-11	Z8DY_CTEH
LAMT0714VC086	14-Jul-11	Z8DY_CTEH
LAMT0714VC087	14-Jul-11	Z8DY_CTEH
LAMT0715VC098	15-Jul-11	Z8DY_CTEH
LAMT0715VC099	15-Jul-11	Z8DY_CTEH
LAMT0715VC100	15-Jul-11	Z8DY_CTEH
LAMT0715VC094	15-Jul-11	Z8DY_CTEH
LAMT0715VC101	15-Jul-11	Z8DY_CTEH
LAMT0715VC102	15-Jul-11	Z8DY_CTEH
LAMT0715VC095	15-Jul-11	Z8DY_CTEH
LAMT0715VC096	15-Jul-11	Z8DY_CTEH
LAMT0715VC103	15-Jul-11	Z8DY_CTEH
LAMT0715VC097	15-Jul-11	Z8DY_CTEH
LAMT0715VC110	16-Jul-11	Z8DY_CTEH
LAMT0715VC111	16-Jul-11	Z8DY_CTEH
LAMT0715VC112	16-Jul-11	Z8DY_CTEH
LAMT0715VC113	16-Jul-11	Z8DY_CTEH
LAMT0715VC114	16-Jul-11	Z8DY_CTEH
LAMT0716VC105	16-Jul-11	Z8DY_CTEH
LAMT0716VC106	16-Jul-11	Z8DY_CTEH
LAMT0716VC107	16-Jul-11	Z8DY_CTEH
LAMT0716VC108	16-Jul-11	Z8DY_CTEH
LAMT0716VC109	17-Jul-11	Z8DY_CTEH
LAMT0717VC127	17-Jul-11	Z8DY_CTEH
LAMT0717VC128	17-Jul-11	Z8DY_CTEH
LAMT0717VC121	17-Jul-11	Z8DY_CTEH
LAMT0717VC130	17-Jul-11	Z8DY_CTEH
LAMT0717VC129	17-Jul-11	Z8DY_CTEH
LAMT0717VC122	17-Jul-11	Z8DY_CTEH
LAMT0717VC123	17-Jul-11	Z8DY_CTEH
LAMT0717VC124	17-Jul-11	Z8DY_CTEH
LAMT0717VC125	17-Jul-11	Z8DY_CTEH
LAMT0717VC116	17-Jul-11	Z8DY_CTEH
LAMT0717VC117	17-Jul-11	Z8DY_CTEH
LAMT0717VC118	17-Jul-11	Z8DY_CTEH
LAMT0717VC119	17-Jul-11	Z8DY_CTEH
LAMT0717VC120	17-Jul-11	Z8DY_CTEH
LAMT0718VC135	18-Jul-11	Z8DY_CTEH

Table 2. Summary of Environmental Media Samples Collected.

Sample	Sample Date	Facility Code
Ambient Air		
LAMT0718VC134	18-Jul-11	Z8DY_CTEH
LAMT0718VC136	18-Jul-11	Z8DY_CTEH
LAMT0718VC137	18-Jul-11	Z8DY_CTEH
LAMT0718VC133	18-Jul-11	Z8DY_CTEH
LAMT0718VC138	18-Jul-11	Z8DY_CTEH
LAMT0718VC139	18-Jul-11	Z8DY_CTEH
LAMT0718VC140	18-Jul-11	Z8DY_CTEH
LAMT0718VC132	18-Jul-11	Z8DY_CTEH
LAMT0718VC131	18-Jul-11	Z8DY_CTEH
LAMT0719VC146	19-Jul-11	Z8DY_CTEH
LAMT0719VC142	19-Jul-11	Z8DY_CTEH
LAMT0719VC147	19-Jul-11	Z8DY_CTEH
LAMT0719VC143	19-Jul-11	Z8DY_CTEH
LAMT0719VC148	19-Jul-11	Z8DY_CTEH
LAMT0719VC144	19-Jul-11	Z8DY_CTEH
LAMT0719VC145	19-Jul-11	Z8DY_CTEH
LAMT0719VC149	19-Jul-11	Z8DY_CTEH
LAMT0719VC150	19-Jul-11	Z8DY_CTEH
LAMT0719VC151	19-Jul-11	Z8DY_CTEH
LAMT0720MC006	20-Jul-11	Z8DY_CTEH
LAMT0720MC007	20-Jul-11	Z8DY_CTEH
LAMT0720MC001	20-Jul-11	Z8DY_CTEH
LAMT0720MC008	20-Jul-11	Z8DY_CTEH
LAMT0720MC009	20-Jul-11	Z8DY_CTEH
LAMT0720MC002	20-Jul-11	Z8DY_CTEH
LAMT0720MC003	20-Jul-11	Z8DY_CTEH
LAMT0720MC004	20-Jul-11	Z8DY_CTEH
LAMT0720MC005	20-Jul-11	Z8DY_CTEH
LAMT0720MC010	20-Jul-11	Z8DY_CTEH
LAMT0721MC012	21-Jul-11	Z8DY_CTEH
LAMT0721MC011	21-Jul-11	Z8DY_CTEH
LAMT0721MC013	21-Jul-11	Z8DY_CTEH
LAMT0721MC014	21-Jul-11	Z8DY_CTEH
LAMT0721MC015	21-Jul-11	Z8DY_CTEH
LAMT0721MC016	21-Jul-11	Z8DY_CTEH
LAMT0721MC019	21-Jul-11	Z8DY_CTEH
LAMT0721MC017	21-Jul-11	Z8DY_CTEH
LAMT0721MC018	21-Jul-11	Z8DY_CTEH
LAMT0722MC020	22-Jul-11	Z8DY_CTEH
LAMT0722MC021	22-Jul-11	Z8DY_CTEH
LAMT0722MC022	22-Jul-11	Z8DY_CTEH
LAMT0722MC023	22-Jul-11	Z8DY_CTEH
LAMT0722MC024	22-Jul-11	Z8DY_CTEH
LAMT0722MC025	22-Jul-11	Z8DY_CTEH
LAMT0722MC026	22-Jul-11	Z8DY_CTEH
LAMT0722MC027	22-Jul-11	Z8DY_CTEH
LAMT0722MC028	22-Jul-11	Z8DY_CTEH
LAMT0723MC029	23-Jul-11	Z8DY_CTEH
LAMT0723MC030	23-Jul-11	Z8DY_CTEH
LAMT0723MC031	23-Jul-11	Z8DY_CTEH
LAMT0723MC032	23-Jul-11	Z8DY_CTEH
LAMT0723MC033	23-Jul-11	Z8DY_CTEH
LAMT0723MC034	23-Jul-11	Z8DY_CTEH
LAMT0723MC035	23-Jul-11	Z8DY_CTEH
LAMT0723MC036	23-Jul-11	Z8DY_CTEH
LAMT0723MC037	23-Jul-11	Z8DY_CTEH
LAMT0724MC045	24-Jul-11	Z8DY_CTEH
LAMT0724MC038	24-Jul-11	Z8DY_CTEH
LAMT0724MC039	24-Jul-11	Z8DY_CTEH
LAMT0724MC040	24-Jul-11	Z8DY_CTEH

Table 2. Summary of Environmental Media Samples Collected.

Sample	Sample Date	Facility Code
Ambient Air		
LAMT0724MC041	24-Jul-11	Z8DY_CTEH
LAMT0724MC042	24-Jul-11	Z8DY_CTEH
LAMT0724MC043	24-Jul-11	Z8DY_CTEH
LAMT0724MC044	24-Jul-11	Z8DY_CTEH
LAMT0724MC046	24-Jul-11	Z8DY_CTEH
LAMT0724MC047	24-Jul-11	Z8DY_CTEH
LAMT0725MC048	25-Jul-11	Z8DY_CTEH
LAMT0725MC049	25-Jul-11	Z8DY_CTEH
LAMT0725MC050	25-Jul-11	Z8DY_CTEH
LAMT0725MC051	25-Jul-11	Z8DY_CTEH
LAMT0725MC052	25-Jul-11	Z8DY_CTEH
LAMT0725MC053	25-Jul-11	Z8DY_CTEH
LAMT0725MC054	25-Jul-11	Z8DY_CTEH
LAMT0725MC055	25-Jul-11	Z8DY_CTEH
LAMT0725MC056	25-Jul-11	Z8DY_CTEH
LAMT0725MC057	25-Jul-11	Z8DY_CTEH
LAMT0726MC058	26-Jul-11	Z8DY_CTEH
LAMT0726MC059	26-Jul-11	Z8DY_CTEH
LAMT0726MC060	26-Jul-11	Z8DY_CTEH
LAMT0726MC061	26-Jul-11	Z8DY_CTEH
LAMT0726MC062	26-Jul-11	Z8DY_CTEH
LAMT0726MC063	26-Jul-11	Z8DY_CTEH
LAMT0726MC064	26-Jul-11	Z8DY_CTEH
LAMT0726MC065	26-Jul-11	Z8DY_CTEH
LAMT0726MC066	26-Jul-11	Z8DY_CTEH
LAMT0726MC067	26-Jul-11	Z8DY_CTEH
LAMT0727MC068	27-Jul-11	Z8DY_CTEH
LAMT0727MC069	27-Jul-11	Z8DY_CTEH
LAMT0727MC070	27-Jul-11	Z8DY_CTEH
LAMT0727MC071	27-Jul-11	Z8DY_CTEH
LAMT0727MC072	27-Jul-11	Z8DY_CTEH
LAMT0727MC073	27-Jul-11	Z8DY_CTEH
LAMT0727MC074	27-Jul-11	Z8DY_CTEH
LAMT0727MC075	27-Jul-11	Z8DY_CTEH
LAMT0727MC076	27-Jul-11	Z8DY_CTEH
LAMT0727MC077	27-Jul-11	Z8DY_CTEH
LAMT0728MC078	28-Jul-11	Z8DY_CTEH
LAMT0728MC079	28-Jul-11	Z8DY_CTEH
LAMT0728MC080	28-Jul-11	Z8DY_CTEH
LAMT0728MC081	28-Jul-11	Z8DY_CTEH
LAMT0728MC082	28-Jul-11	Z8DY_CTEH
LAMT0728MC083	28-Jul-11	Z8DY_CTEH
LAMT0728MC084	28-Jul-11	Z8DY_CTEH
LAMT0728MC085	28-Jul-11	Z8DY_CTEH
LAMT0728MC086	28-Jul-11	Z8DY_CTEH
LAMT0728MC087	28-Jul-11	Z8DY_CTEH
LAMT0729MC088	29-Jul-11	Z8DY_CTEH
LAMT0729MC089	29-Jul-11	Z8DY_CTEH
LAMT0729MC090	29-Jul-11	Z8DY_CTEH
LAMT0729MC091	29-Jul-11	Z8DY_CTEH
LAMT0729MC092	29-Jul-11	Z8DY_CTEH
LAMT0729MC093	29-Jul-11	Z8DY_CTEH
LAMT0729MC094	29-Jul-11	Z8DY_CTEH
LAMT0729MC095	29-Jul-11	Z8DY_CTEH
LAMT0729MC096	29-Jul-11	Z8DY_CTEH
LAMT0729MC097	29-Jul-11	Z8DY_CTEH

Table 2. Summary of Environmental Media Samples Collected.

Sample	Sample Date	Facility Code
Drinking Water		
SPDW01_070611	06-Jul-11	Z8DY_START
SPDW02_070611	06-Jul-11	Z8DY_START
WOMT0707DW003	07-Jul-11	Z8DY_CTEH
LAMT0707DW001	07-Jul-11	Z8DY_CTEH
LAMT0707DW002	07-Jul-11	Z8DY_CTEH
LAMT0708DW401	08-Jul-11	Z8DY_CTEH
LAMT0708DW4002	08-Jul-11	Z8DY_CTEH
LAMT0708DW4003	08-Jul-11	Z8DY_CTEH
LAMT0708DW301	08-Jul-11	Z8DY_CTEH
LAMT0708DW4004	08-Jul-11	Z8DY_CTEH
SPDW03_070811	08-Jul-11	Z8DY_START
LAMT0708DW4005	08-Jul-11	Z8DY_CTEH
LAMT0708DW103	08-Jul-11	Z8DY_CTEH
LAMT0708DW302	08-Jul-11	Z8DY_CTEH
BIMT0708DW4006	08-Jul-11	Z8DY_CTEH
LAMT0708DW303	08-Jul-11	Z8DY_CTEH
LAMT0708DW104	08-Jul-11	Z8DY_CTEH
BIMT0708DW201	08-Jul-11	Z8DY_CTEH
BIMT0708DW4007	08-Jul-11	Z8DY_CTEH
BIMT0709DW201	09-Jul-11	Z8DY_CTEH
LAMT0709DW101	09-Jul-11	Z8DY_CTEH
LAMT0709DW4001	09-Jul-11	Z8DY_CTEH
SPDW04_070911	09-Jul-11	Z8DY_START
LAMT0709DW301	09-Jul-11	Z8DY_CTEH
LAMT0709DW102	09-Jul-11	Z8DY_CTEH
LAMT0709DW202	09-Jul-11	Z8DY_CTEH
LAMT0709DW103	09-Jul-11	Z8DY_CTEH
LAMT0709DW203	09-Jul-11	Z8DY_CTEH
BIMT0709DW204	09-Jul-11	Z8DY_CTEH
BIMT0709DW204DUP	09-Jul-11	Z8DY_CTEH
LAMT0709DW106	09-Jul-11	Z8DY_CTEH
SPDW05_070911	09-Jul-11	Z8DY_START
LAMT0709DW305	09-Jul-11	Z8DY_CTEH
LAMT0709DW107	09-Jul-11	Z8DY_CTEH
LAMT0710DW101	10-Jul-11	Z8DY_CTEH
SPDW06_071011	10-Jul-11	Z8DY_START
LAMT0710DW302	10-Jul-11	Z8DY_CTEH
SPDW09_071011	10-Jul-11	Z8DY_START
SPDW07_071011	10-Jul-11	Z8DY_START
LAMT0710DW201	10-Jul-11	Z8DY_CTEH
LAMT0710DW303	10-Jul-11	Z8DY_CTEH
SPDW08_071011	10-Jul-11	Z8DY_START
SPDW101_071111	11-Jul-11	Z8DY_START
SPDW102_071111	11-Jul-11	Z8DY_START
LAMT0711DW101	11-Jul-11	Z8DY_CTEH
LAMT0711DW101DUP	11-Jul-11	Z8DY_CTEH
SPDW201_071111	11-Jul-11	Z8DY_START
BIMT0711DW301	11-Jul-11	Z8DY_CTEH
BIMT0711DW302	11-Jul-11	Z8DY_CTEH
SPDW202_071111	11-Jul-11	Z8DY_START
SPDW103_071111	11-Jul-11	Z8DY_START
BIMT0711DW201	11-Jul-11	Z8DY_CTEH
LAMT0711DW102	11-Jul-11	Z8DY_CTEH
BIMT0711DW303	11-Jul-11	Z8DY_CTEH
SPDW104_071111	11-Jul-11	Z8DY_START
POMT0711DW201	11-Jul-11	Z8DY_CTEH
BIMT0712DW301	12-Jul-11	Z8DY_CTEH
LOMT0712DW201	12-Jul-11	Z8DY_CTEH
SPDW203_071211	12-Jul-11	Z8DY_START

Table 2. Summary of Environmental Media Samples Collected.

Sample	Sample Date	Facility Code
Drinking Water		
BIMT0712DW102	12-Jul-11	Z8DY_CTEH
BIMT0712DW303	12-Jul-11	Z8DY_CTEH
LAMT0712DW201	12-Jul-11	Z8DY_CTEH
BIMT0712DW103	12-Jul-11	Z8DY_CTEH
ST-071311-KG1	13-Jul-11	Z8DY_DEQ
ST-071311-KG2	13-Jul-11	Z8DY_DEQ
ST-071311-KG3	13-Jul-11	Z8DY_DEQ
SPDW205_071311	13-Jul-11	Z8DY_START
LAMT0713DW201	13-Jul-11	Z8DY_CTEH
LAMT0713DW201 DUP	13-Jul-11	Z8DY_CTEH
SPDW206_071311	13-Jul-11	Z8DY_START
LAMT0713DW301	13-Jul-11	Z8DY_CTEH
SPDW207_071411	14-Jul-11	Z8DY_START
LAMT0714DW301	14-Jul-11	Z8DY_CTEH
SPDW208_071411	14-Jul-11	Z8DY_START
BIMT0714DW302	14-Jul-11	Z8DY_CTEH
ST-071511-JG3	15-Jul-11	Z8DY_DEQ
ST-071511-JG4	15-Jul-11	Z8DY_DEQ
ST-071511-JG5	15-Jul-11	Z8DY_DEQ
ST-071511-KW-DW1	15-Jul-11	Z8DY_DEQ
ST-071511-EM-DW1	15-Jul-11	Z8DY_DEQ
WOMT0715DW201	15-Jul-11	Z8DY_CTEH
SPDW209_071511	15-Jul-11	Z8DY_START
SHMT0715DW101	15-Jul-11	Z8DY_CTEH
LAMT0715DW302	15-Jul-11	Z8DY_CTEH
SPDW210_071511	15-Jul-11	Z8DY_START
LAMT0715DW202	15-Jul-11	Z8DY_CTEH
LAMT0715DW203	15-Jul-11	Z8DY_CTEH
ST-071611-BK-DW1	16-Jul-11	Z8DY_DEQ
ST-071711-RT-DW	17-Jul-11	Z8DY_DEQ
SHMT0718DW301	18-Jul-11	Z8DY_CTEH
SPDW211_071811	18-Jul-11	Z8DY_START
SHMT0718DW101	18-Jul-11	Z8DY_CTEH
SHMT0718DW102DUP	18-Jul-11	Z8DY_CTEH
WOMT071811DW201	18-Jul-11	Z8DY_CTEH
BIMT0718DW201	18-Jul-11	Z8DY_CTEH
BIMT0718DW103	18-Jul-11	Z8DY_CTEH
ST-071911-JH-DW	19-Jul-11	Z8DY_DEQ
ST-071911-RA-DW	19-Jul-11	Z8DY_DEQ
LAMT0719DW201	19-Jul-11	Z8DY_CTEH
SHMT0719DW101	19-Jul-11	Z8DY_CTEH
ST-072011-JS-DW	20-Jul-11	Z8DY_DEQ
ST-072011-MC-DW	20-Jul-11	Z8DY_DEQ
ST-072011-MC-DW-D	20-Jul-11	Z8DY_DEQ
BIMT0720DW101	20-Jul-11	Z8DY_CTEH
JOMT0720DW301	20-Jul-11	Z8DY_CTEH
ST-072111-CA-DW	21-Jul-11	Z8DY_DEQ
LAMT0721DW303	21-Jul-11	Z8DY_CTEH
LAMT0722DW301	22-Jul-11	Z8DY_CTEH
LAMT0722DW303	22-Jul-11	Z8DY_CTEH
LAMT0722DW303DUP	22-Jul-11	Z8DY_CTEH
LAMT0724DW102	24-Jul-11	Z8DY_CTEH
LAMT0724DW103	24-Jul-11	Z8DY_CTEH
HYMT0725DW101	25-Jul-11	Z8DY_CTEH
WOMT0725DW104	25-Jul-11	Z8DY_CTEH
LAMT0726DW201	26-Jul-11	Z8DY_CTEH
WOMT0727DW101	27-Jul-11	Z8DY_CTEH
WOMT0727DW103	27-Jul-11	Z8DY_CTEH

Table 2. Summary of Environmental Media Samples Collected.

Sample	Sample Date	Facility Code
Drinking Water		
WOMT0728DW203	28-Jul-11	Z8DY_CTEH
LAMT0729DW101	29-Jul-11	Z8DY_CTEH
LAMT0729DW701	29-Jul-11	Z8DY_CTEH
BIMT0801DW701	01-Aug-11	Z8DY_CTEH
BIMT0801DW704	01-Aug-11	Z8DY_CTEH
FOMT0801DW201	01-Aug-11	Z8DY_CTEH
HAMT0801DW201	01-Aug-11	Z8DY_CTEH
BIMT0801DW707	01-Aug-11	Z8DY_CTEH
BIMT0801DW710	01-Aug-11	Z8DY_CTEH
ROMT0801DW201	01-Aug-11	Z8DY_CTEH
BIMT0801DW713	01-Aug-11	Z8DY_CTEH
HAMT0801DW203	01-Aug-11	Z8DY_CTEH
BIMT0803DW203	03-Aug-11	Z8DY_CTEH
LAMT0804DW301	04-Aug-11	Z8DY_CTEH
LAMT0804DW302	04-Aug-11	Z8DY_CTEH
LOMT0805DW201	05-Aug-11	Z8DY_CTEH
PPMT0808DW301	08-Aug-11	Z8DY_CTEH
PPMT0808DW103	08-Aug-11	Z8DY_CTEH
LAMT0809DW104	09-Aug-11	Z8DY_CTEH
GLMT0810DW201	10-Aug-11	Z8DY_CTEH
GLMT0810DW202	10-Aug-11	Z8DY_CTEH
LAMT0810DW301	10-Aug-11	Z8DY_CTEH
BIMT0811DW103	11-Aug-11	Z8DY_CTEH
BIMT0811DW106	11-Aug-11	Z8DY_CTEH
COMT0812DW205	12-Aug-11	Z8DY_CTEH
BIMT0812DW101	12-Aug-11	Z8DY_CTEH
HUMT0812DW208	12-Aug-11	Z8DY_CTEH
WOMT0815DW101	15-Aug-11	Z8DY_CTEH
FOMT0817DW202	17-Aug-11	Z8DY_CTEH
LAMT0817DW101	17-Aug-11	Z8DY_CTEH
LAMT0817DW102	17-Aug-11	Z8DY_CTEH
LAMT0818DW101	18-Aug-11	Z8DY_CTEH
BIMT0818DW104	18-Aug-11	Z8DY_CTEH
BIMT0819DW101	19-Aug-11	Z8DY_CTEH
WOMT0819DW201	19-Aug-11	Z8DY_CTEH
HYMT0819DW203	19-Aug-11	Z8DY_CTEH
SHMT0826DW202	26-Aug-11	Z8DY_CTEH
PPMT0827DW201	27-Aug-11	Z8DY_CTEH
PPMT0827DW202	27-Aug-11	Z8DY_CTEH

Table 2. Summary of Environmental Media Samples Collected.

Sample	Sample Date	Facility Code
Irrigation Water		
WOMT0707IW001	07-Jul-11	Z8DY_CTEH
BIMT0708IW201	08-Jul-11	Z8DY_CTEH
LAMT0708IW101	08-Jul-11	Z8DY_CTEH
LAMT0708IW102	08-Jul-11	Z8DY_CTEH
BIMT0708IW202	08-Jul-11	Z8DY_CTEH
LAMT0709IW4001	09-Jul-11	Z8DY_CTEH
LAMT0709IW302	09-Jul-11	Z8DY_CTEH
LAMT0709IW303	09-Jul-11	Z8DY_CTEH
LAMT0709IW104	09-Jul-11	Z8DY_CTEH
LAMT0709IW4002	09-Jul-11	Z8DY_CTEH
SPGW01_070911	09-Jul-11	Z8DY_START
LAMT0709IW105	09-Jul-11	Z8DY_CTEH
LAMT0710IW301	10-Jul-11	Z8DY_CTEH
SPGW02_071011	10-Jul-11	Z8DY_START
SPGW03_071011	10-Jul-11	Z8DY_START
LAMT0710IW301DUP	10-Jul-11	Z8DY_CTEH
BIMT0712IW302	12-Jul-11	Z8DY_CTEH
LOMT0712IW201	12-Jul-11	Z8DY_CTEH
SPGW201_071211	12-Jul-11	Z8DY_START
BIMT0712IW201	12-Jul-11	Z8DY_CTEH
BIMT0712IW304	12-Jul-11	Z8DY_CTEH
B11070821-061	14-Jul-11	Z8DY_DEQ
B11070821-062	14-Jul-11	Z8DY_DEQ
BIMT0714IW201	14-Jul-11	Z8DY_CTEH
BIMT0714IW201 DUP	14-Jul-11	Z8DY_CTEH
BIMT0714IW102	14-Jul-11	Z8DY_CTEH
BIMT0714IW202	14-Jul-11	Z8DY_CTEH
BIMT0714IW103	14-Jul-11	Z8DY_CTEH
BIMT0714IW203	14-Jul-11	Z8DY_CTEH
BIMT0714IW104	14-Jul-11	Z8DY_CTEH
BIMT0714IW204	14-Jul-11	Z8DY_CTEH
LAMT0715IW102	15-Jul-11	Z8DY_CTEH
ST-071711-RT-IW	17-Jul-11	Z8DY_DEQ
ST-071811-ML-IW	18-Jul-11	Z8DY_DEQ
ST-071911-JH-IW1	19-Jul-11	Z8DY_DEQ
ST-071911-JH-IW2	19-Jul-11	Z8DY_DEQ
LAMT0719IW301	19-Jul-11	Z8DY_CTEH
ST-072011-MC-IW	20-Jul-11	Z8DY_DEQ
ST-072111-CA-IW	21-Jul-11	Z8DY_DEQ
ST-072211-DK-IW	22-Jul-11	Z8DY_DEQ
LAMT0724IW101	24-Jul-11	Z8DY_CTEH
LAMT0729IW702	29-Jul-11	Z8DY_CTEH
LAMT0729IW703	29-Jul-11	Z8DY_CTEH
LAMT0729IW104	29-Jul-11	Z8DY_CTEH
LAMT0729IW105	29-Jul-11	Z8DY_CTEH
BIMT0801IW701	01-Aug-11	Z8DY_CTEH
BIMT0801IW702	01-Aug-11	Z8DY_CTEH
BIMT0801IW704	01-Aug-11	Z8DY_CTEH
BIMT0801IW705	01-Aug-11	Z8DY_CTEH
LAMT0804IW201	04-Aug-11	Z8DY_CTEH
LAMT0810IW301	10-Aug-11	Z8DY_CTEH
ROMT0811IW201	11-Aug-11	Z8DY_CTEH
BIMT0813IW201	13-Aug-11	Z8DY_CTEH
WOMT0815IW102	15-Aug-11	Z8DY_CTEH
HYMT0816IW212	16-Aug-11	Z8DY_CTEH
BIMT0829IW101	29-Aug-11	Z8DY_CTEH

Table 2. Summary of Environmental Media Samples Collected.

Sample	Sample Date	Facility Code
Product		
SPPR01_070411	04-Jul-11	Z8DY_START
SPPR02_070411	04-Jul-11	Z8DY_START
SPPR03_070511	05-Jul-11	Z8DY_START
SPPR04_070911	09-Jul-11	Z8DY_DEQ
SPPR04_070911	09-Jul-11	Z8DY_START
BIMT0725OI201	25-Jul-11	Z8DY_CTEH
BIMT0725OI203	25-Jul-11	Z8DY_CTEH
BIMT0725OI205	25-Jul-11	Z8DY_CTEH

Table 2. Summary of Environmental Media Samples Collected.

Sample	Sample Date	Facility Code
Sediment		
SPSE101_071211	12-Jul-11	Z8DY_START
SPSE102_071211	12-Jul-11	Z8DY_START
SPSE103_071211	12-Jul-11	Z8DY_START
SPSE104_071211	12-Jul-11	Z8DY_START
SPSE105_071211	12-Jul-11	Z8DY_START
SPSE106_071211	12-Jul-11	Z8DY_START
SPSE107_071211	12-Jul-11	Z8DY_START
SPSE108_071311	13-Jul-11	Z8DY_START
SPSE109_071311	13-Jul-11	Z8DY_START
SPSE110_071311	13-Jul-11	Z8DY_START
SPSE111_071311	13-Jul-11	Z8DY_START
SPSE112_071311	13-Jul-11	Z8DY_START
SPSE113_071311	13-Jul-11	Z8DY_START
SPSE114_071311	13-Jul-11	Z8DY_START
SPSE115_071411	14-Jul-11	Z8DY_START
SPSE116_071411	14-Jul-11	Z8DY_START
SPSE117_071411	14-Jul-11	Z8DY_START
SPSE118_071411	14-Jul-11	Z8DY_START
SPSE119_071411	14-Jul-11	Z8DY_START
SPSE120_071511	15-Jul-11	Z8DY_START
SPSE121_071511	15-Jul-11	Z8DY_START
SPSE122_071511	15-Jul-11	Z8DY_START
SPSE124_071511	15-Jul-11	Z8DY_START
SPSE125_071511	15-Jul-11	Z8DY_START
SPSE126_071511	15-Jul-11	Z8DY_START
SPSE127_071611	16-Jul-11	Z8DY_START
SPSE128_071611	16-Jul-11	Z8DY_START
SPSE129_071611	16-Jul-11	Z8DY_START
SPSE201_072811	28-Jul-11	Z8DY_START
SPSE202_072811	28-Jul-11	Z8DY_START
SPSE203_072811	28-Jul-11	Z8DY_START
SPSE204_072811	28-Jul-11	Z8DY_START
SPSE205_072911	29-Jul-11	Z8DY_START
LAMT0823SE401	23-Aug-11	Z8DY_CTEH
LAMT0823SE402	23-Aug-11	Z8DY_CTEH
LAMT0824SE401	24-Aug-11	Z8DY_CTEH
LAMT0824SE402	24-Aug-11	Z8DY_CTEH
LAMT0824SE403	24-Aug-11	Z8DY_CTEH
LAMT0824SE404	24-Aug-11	Z8DY_CTEH
LAMT0824SE405	24-Aug-11	Z8DY_CTEH
LAMT0824SE406	24-Aug-11	Z8DY_CTEH
LAMT0825SE401	25-Aug-11	Z8DY_CTEH
LAMT0825SE403	25-Aug-11	Z8DY_CTEH
LAMT0825SE404	25-Aug-11	Z8DY_CTEH
LAMT0825SE405	25-Aug-11	Z8DY_CTEH
LAMT0825SE406	25-Aug-11	Z8DY_CTEH
LAMT0825SE407	25-Aug-11	Z8DY_CTEH
BIMT0826SE401	26-Aug-11	Z8DY_CTEH
BIMT0826SE402	26-Aug-11	Z8DY_CTEH
BIMT0826SE403	26-Aug-11	Z8DY_CTEH
ST-082711-A-3-EAST_SEDIMENT	27-Aug-11	Z8DY_DEQ
ST-082711-A-3-WEST_SEDIMENT	27-Aug-11	Z8DY_DEQ
LAMT0827SE501	27-Aug-11	Z8DY_CTEH
LAMT0827SE503	27-Aug-11	Z8DY_CTEH
LAMT0827SE504	27-Aug-11	Z8DY_CTEH
LAMT0827SE504A	27-Aug-11	Z8DY_CTEH
GLMT0827SE401	27-Aug-11	Z8DY_CTEH
LAMT0827SE506	27-Aug-11	Z8DY_CTEH

Table 2. Summary of Environmental Media Samples Collected.

Sample	Sample Date	Facility Code
Sediment		
LAMT0827SE507	27-Aug-11	Z8DY_CTEH
TEMT0827SE402	27-Aug-11	Z8DY_CTEH
LAMT0827SE508	27-Aug-11	Z8DY_CTEH
LAMT0827SE509	27-Aug-11	Z8DY_CTEH
BIMT0827SE501	27-Aug-11	Z8DY_CTEH
KIMT0827SE403	27-Aug-11	Z8DY_CTEH
BIMT0827SE502	27-Aug-11	Z8DY_CTEH
BIMT0827SE503	27-Aug-11	Z8DY_CTEH
BIMT0828SE501	28-Aug-11	Z8DY_CTEH
ROMT0828SE401	28-Aug-11	Z8DY_CTEH
HYMT0828SE402	28-Aug-11	Z8DY_CTEH
HYMT0828SE403	28-Aug-11	Z8DY_CTEH
PPMT0828SE404	28-Aug-11	Z8DY_CTEH
PPMT0828SE405	28-Aug-11	Z8DY_CTEH
BIMT0828SE406	28-Aug-11	Z8DY_CTEH
BIMT0828SE407	28-Aug-11	Z8DY_CTEH
LOMT091411SE301_20110914	14-Sep-11	Z8DY_ARCADIS
BIMT091411SE302_20110914	14-Sep-11	Z8DY_ARCADIS
BIMT091411SE303_20110914	14-Sep-11	Z8DY_ARCADIS
LAMT091411SE304_20110914	14-Sep-11	Z8DY_ARCADIS
SIMT0915SE0201_20110915	15-Sep-11	Z8DY_ARCADIS
SIMT0915SE0202_20110915	15-Sep-11	Z8DY_ARCADIS
SIMT091511SE301_20110915	15-Sep-11	Z8DY_ARCADIS
MCMT091511SE302_20110915	15-Sep-11	Z8DY_ARCADIS
MCMT0915SE0201_20110915	15-Sep-11	Z8DY_ARCADIS
FOMT0916SE0201_20110916	16-Sep-11	Z8DY_ARCADIS
COMT0916SE0201_20110916	16-Sep-11	Z8DY_ARCADIS
COMT091611SE302_20110916	16-Sep-11	Z8DY_ARCADIS
HYMT091611SE303_20110916	16-Sep-11	Z8DY_ARCADIS
LOMT0917SE0201_20110917	17-Sep-11	Z8DY_ARCADIS
BIMT0917SE0201_20110917	17-Sep-11	Z8DY_ARCADIS
LAMT0917SE0201_20110917	17-Sep-11	Z8DY_ARCADIS
LAMT0917SE0202_20110917	17-Sep-11	Z8DY_ARCADIS

Table 2. Summary of Environmental Media Samples Collected.

Sample	Sample Date	Facility Code
Surface Soil		
WOMT091211SO0101	12-Sep-11	Z8DY_ARCADIS
WOMT091211SO0102	12-Sep-11	Z8DY_ARCADIS
WOMT091211SO0103	12-Sep-11	Z8DY_ARCADIS
WOMT091211SO0104	12-Sep-11	Z8DY_ARCADIS
WOMT091211SO0105	12-Sep-11	Z8DY_ARCADIS
WOMT091211SO0106	12-Sep-11	Z8DY_ARCADIS
WOMT091211SO0107	12-Sep-11	Z8DY_ARCADIS
SHMT091511SO0101	15-Sep-11	Z8DY_ARCADIS
SHMT091511SO0103	15-Sep-11	Z8DY_ARCADIS
SHMT091511SO0104	15-Sep-11	Z8DY_ARCADIS
SHMT091511SO0105	15-Sep-11	Z8DY_ARCADIS
SHMT091511SO0106	15-Sep-11	Z8DY_ARCADIS
SHMT091511SO0107	15-Sep-11	Z8DY_ARCADIS
SHMT091511SO0108	15-Sep-11	Z8DY_ARCADIS
SHMT091511SO0109	15-Sep-11	Z8DY_ARCADIS
SHMT091511SO0110	15-Sep-11	Z8DY_ARCADIS
SHMT092811SO0101	28-Sep-11	Z8DY_ARCADIS
SHMT092811SO0103	28-Sep-11	Z8DY_ARCADIS
SHMT092811SO0105	28-Sep-11	Z8DY_ARCADIS
WOMT092911SO0105	29-Sep-11	Z8DY_ARCADIS
WOMT092911SO0106	29-Sep-11	Z8DY_ARCADIS
WOMT092911SO0107	29-Sep-11	Z8DY_ARCADIS
WOMT092911SO0108	29-Sep-11	Z8DY_ARCADIS
WOMT092911SO0109	29-Sep-11	Z8DY_ARCADIS
WOMT092911SO0110	29-Sep-11	Z8DY_ARCADIS
WOMT092911SO0112	29-Sep-11	Z8DY_ARCADIS
WOMT092911SO0114	29-Sep-11	Z8DY_ARCADIS
WOMT092911SO0115	29-Sep-11	Z8DY_ARCADIS
WOMT092911SO0116	29-Sep-11	Z8DY_ARCADIS
WOMT093011SO0101	30-Sep-11	Z8DY_ARCADIS
WOMT093011SO0102	30-Sep-11	Z8DY_ARCADIS
WOMT093011SO0103	30-Sep-11	Z8DY_ARCADIS
WOMT093011SO0104	30-Sep-11	Z8DY_ARCADIS
WOMT093011SO0105	30-Sep-11	Z8DY_ARCADIS
WOMT093011SO0106	30-Sep-11	Z8DY_ARCADIS
WOMT093011SO0107	30-Sep-11	Z8DY_ARCADIS
WOMT093011SO0108	30-Sep-11	Z8DY_ARCADIS
WOMT093011SO0109	30-Sep-11	Z8DY_ARCADIS
WOMT093011SO0110	30-Sep-11	Z8DY_ARCADIS
WOMT100111SO0101	1-Oct-11	Z8DY_ARCADIS
WOMT100111SO0102	1-Oct-11	Z8DY_ARCADIS
WOMT100111SO0103	1-Oct-11	Z8DY_ARCADIS
WOMT100111SO0105	1-Oct-11	Z8DY_ARCADIS
WOMT100111SO0107	1-Oct-11	Z8DY_ARCADIS
WOMT100311SO0101	3-Oct-11	Z8DY_ARCADIS
WOMT100311SO0102	3-Oct-11	Z8DY_ARCADIS
WOMT100311SO0103	3-Oct-11	Z8DY_ARCADIS
WOMT100311SO0104	3-Oct-11	Z8DY_ARCADIS
WOMT100311SO0105	3-Oct-11	Z8DY_ARCADIS
WOMT100311SO0106	3-Oct-11	Z8DY_ARCADIS
WOMT100311SO0107	3-Oct-11	Z8DY_ARCADIS
WOMT100311SO0108	3-Oct-11	Z8DY_ARCADIS
WOMT100311SO0109	3-Oct-11	Z8DY_ARCADIS
WOMT100311SO0110	3-Oct-11	Z8DY_ARCADIS
WOMT100311SO0111	3-Oct-11	Z8DY_ARCADIS
WOMT100311SO0112	3-Oct-11	Z8DY_ARCADIS
PPMT100611SO0117	6-Oct-11	Z8DY_ARCADIS
PPMT100611SO0118	6-Oct-11	Z8DY_ARCADIS

Table 2. Summary of Environmental Media Samples Collected.

Sample	Sample Date	Facility Code
Surface Soil		
WOMT100311SO0113	3-Oct-11	Z8DY_ARCADIS
WOMT100311SO0114	3-Oct-11	Z8DY_ARCADIS
WOMT100311SO0115	3-Oct-11	Z8DY_ARCADIS
WOMT100411SO0101	4-Oct-11	Z8DY_ARCADIS
WOMT100411SO0102	4-Oct-11	Z8DY_ARCADIS
WOMT100411SO0103	4-Oct-11	Z8DY_ARCADIS
07082011-GF-3	08-Jul-11	Z8DY_CTEH
B11070821-015	09-Jul-11	Z8DY_DEQ
B11070821-016	09-Jul-11	Z8DY_DEQ
B11070821-017	09-Jul-11	Z8DY_DEQ
B11070821-018	09-Jul-11	Z8DY_DEQ
B11070821-019	09-Jul-11	Z8DY_DEQ
B11070821-020	09-Jul-11	Z8DY_DEQ
B11070821-021	09-Jul-11	Z8DY_DEQ
B11070821-022	09-Jul-11	Z8DY_DEQ
B11070821-023	09-Jul-11	Z8DY_DEQ
B11070821-024	09-Jul-11	Z8DY_DEQ
B11070821-025	09-Jul-11	Z8DY_DEQ
B11070821-026	09-Jul-11	Z8DY_DEQ
B11070821-027	09-Jul-11	Z8DY_DEQ
B11070821-034	10-Jul-11	Z8DY_DEQ
B11070821-032	10-Jul-11	Z8DY_DEQ
B11070821-001	10-Jul-11	Z8DY_DEQ
B11070821-002	10-Jul-11	Z8DY_DEQ
B11070821-005	10-Jul-11	Z8DY_DEQ
B11070821-006	10-Jul-11	Z8DY_DEQ
B11070821-007	10-Jul-11	Z8DY_DEQ
B11070821-008	10-Jul-11	Z8DY_DEQ
B11070821-009	10-Jul-11	Z8DY_DEQ
B11070821-010	10-Jul-11	Z8DY_DEQ
B11070821-011	10-Jul-11	Z8DY_DEQ
B11070821-012	11-Jul-11	Z8DY_DEQ
B11070821-013	11-Jul-11	Z8DY_DEQ
B11070821-014	11-Jul-11	Z8DY_DEQ
B11070821-065	11-Jul-11	Z8DY_DEQ
B11070821-066	11-Jul-11	Z8DY_DEQ
B11070821-035	11-Jul-11	Z8DY_DEQ
B11070821-036	11-Jul-11	Z8DY_DEQ
B11070821-037	11-Jul-11	Z8DY_DEQ
B11070821-038	11-Jul-11	Z8DY_DEQ
B11070821-039	11-Jul-11	Z8DY_DEQ
B11070821-040	11-Jul-11	Z8DY_DEQ
B11070821-028	11-Jul-11	Z8DY_DEQ
B11070821-029	11-Jul-11	Z8DY_DEQ
B11070821-030	11-Jul-11	Z8DY_DEQ
B11070821-031	11-Jul-11	Z8DY_DEQ
B11070821-041	12-Jul-11	Z8DY_DEQ
B11070821-042	12-Jul-11	Z8DY_DEQ
B11070821-043	12-Jul-11	Z8DY_DEQ
B11070821-044	12-Jul-11	Z8DY_DEQ
B11070821-045	12-Jul-11	Z8DY_DEQ
B11070821-046	12-Jul-11	Z8DY_DEQ
B11070821-047	12-Jul-11	Z8DY_DEQ
B11070821-051	12-Jul-11	Z8DY_DEQ
B11070821-052	12-Jul-11	Z8DY_DEQ
B11070821-053	12-Jul-11	Z8DY_DEQ
B11070821-054	12-Jul-11	Z8DY_DEQ
B11070821-055	12-Jul-11	Z8DY_DEQ

Table 2. Summary of Environmental Media Samples Collected.

Sample	Sample Date	Facility Code
Surface Soil		
SPSO201D02_071211	12-Jul-11	Z8DY_START
SPSO202D01_071211	12-Jul-11	Z8DY_START
SPSO207D01_071211	12-Jul-11	Z8DY_START
SPSO101D02_071211	12-Jul-11	Z8DY_START
SPSO102D02_071211	12-Jul-11	Z8DY_START
SPSO203D01_071211	12-Jul-11	Z8DY_START
SPSO103D02_071211	12-Jul-11	Z8DY_START
SPSO204D01_071211	12-Jul-11	Z8DY_START
SPSO104D02_071211	12-Jul-11	Z8DY_START
SPSO205D01_071211	12-Jul-11	Z8DY_START
SPSO206D01_071211	12-Jul-11	Z8DY_START
SPSO105D02_071211	12-Jul-11	Z8DY_START
SPSO106D02_071211	12-Jul-11	Z8DY_START
SPSO208D01_071211	12-Jul-11	Z8DY_START
SPSO209D01_071211	12-Jul-11	Z8DY_START
SPSO210D01_071211	12-Jul-11	Z8DY_START
SPSO211D01_071211	12-Jul-11	Z8DY_START
B11070821-056	13-Jul-11	Z8DY_DEQ
B11070821-057	13-Jul-11	Z8DY_DEQ
B11070821-058	13-Jul-11	Z8DY_DEQ
B11070821-067	13-Jul-11	Z8DY_DEQ
SPSO108D02_071311	13-Jul-11	Z8DY_START
SPSO109D02_071311	13-Jul-11	Z8DY_START
SPSO212D01_071311	13-Jul-11	Z8DY_START
SPSO110D02_071311	13-Jul-11	Z8DY_START
SPSO111D02_071311	13-Jul-11	Z8DY_START
SPSO213D01_071311	13-Jul-11	Z8DY_START
SPSO214D01_071311	13-Jul-11	Z8DY_START
SPSO215D01_071311	13-Jul-11	Z8DY_START
SPSO112D01_071311	13-Jul-11	Z8DY_START
SPSO113D02_071311	13-Jul-11	Z8DY_START
SPSO114D01_071311	13-Jul-11	Z8DY_START
SPSO115D02_071311	13-Jul-11	Z8DY_START
SPSO117D01_071311	13-Jul-11	Z8DY_START
SPSO220D01_071311	13-Jul-11	Z8DY_START
SPSO219D01_071311	13-Jul-11	Z8DY_START
SPSO218D01_071311	13-Jul-11	Z8DY_START
SPSO217D01_071311	13-Jul-11	Z8DY_START
SPSO216D01_071311	13-Jul-11	Z8DY_START
SPSO221D01_071311	13-Jul-11	Z8DY_START
SPSO222D01_071311	13-Jul-11	Z8DY_START
SPSO223D01_071311	13-Jul-11	Z8DY_START
SPSO224D01_071311	13-Jul-11	Z8DY_START
SPSO225D01_071311	13-Jul-11	Z8DY_START
B11070821-063	14-Jul-11	Z8DY_DEQ
ST-071411-HN1	14-Jul-11	Z8DY_DEQ
ST-071411-HN2	14-Jul-11	Z8DY_DEQ
ST-071411-KG1	14-Jul-11	Z8DY_DEQ
ST-071411-KG2	14-Jul-11	Z8DY_DEQ
ST-071411-KG-BACKGROUND	14-Jul-11	Z8DY_DEQ
ST-071411-KW1	14-Jul-11	Z8DY_DEQ
ST-071411-KW2	14-Jul-11	Z8DY_DEQ
ST-071411-KW3	14-Jul-11	Z8DY_DEQ
SPSO118D01_071411	14-Jul-11	Z8DY_START
SPSO119D01_071411	14-Jul-11	Z8DY_START
SPSO120D01_071411	14-Jul-11	Z8DY_START
SPSO121D01_071411	14-Jul-11	Z8DY_START
SPSO122D01_071411	14-Jul-11	Z8DY_START

Table 2. Summary of Environmental Media Samples Collected.

Sample	Sample Date	Facility Code
Surface Soil		
SPSO116D01_071311	14-Jul-11	Z8DY_START
SPSO123D01_071411	14-Jul-11	Z8DY_START
SPSO226D01_071411	14-Jul-11	Z8DY_START
SPSO124D01_071411	14-Jul-11	Z8DY_START
SPSO125D01_071411	14-Jul-11	Z8DY_START
ST-071511-LM1	15-Jul-11	Z8DY_DEQ
ST-071511-LM2	15-Jul-11	Z8DY_DEQ
ST-071511-BH1	15-Jul-11	Z8DY_DEQ
ST-071511-BH2	15-Jul-11	Z8DY_DEQ
ST-071511-EM1	15-Jul-11	Z8DY_DEQ
ST-071511-EM2	15-Jul-11	Z8DY_DEQ
SPSO126D01_071511	15-Jul-11	Z8DY_START
SPSO127D01_071511	15-Jul-11	Z8DY_START
SPSO128D01_071511	15-Jul-11	Z8DY_START
SPSO129D01_071511	15-Jul-11	Z8DY_START
SPSO130D01_071511	15-Jul-11	Z8DY_START
SPSO131D01_071511	15-Jul-11	Z8DY_START
SPSO132D01_071511	15-Jul-11	Z8DY_START
ST-071611-GZ1	16-Jul-11	Z8DY_DEQ
ST-071611-GZ2	16-Jul-11	Z8DY_DEQ
ST-071611-LW1	16-Jul-11	Z8DY_DEQ
ST-071611-LW2	16-Jul-11	Z8DY_DEQ
ST-071611-MS1	16-Jul-11	Z8DY_DEQ
ST-071611-MS2	16-Jul-11	Z8DY_DEQ
ST-071711-JG1	16-Jul-11	Z8DY_DEQ
ST-071711-JG2	16-Jul-11	Z8DY_DEQ
SPSO133D01_071611	16-Jul-11	Z8DY_START
SPSO134D01_071611	16-Jul-11	Z8DY_START
SPSO135D01_071611	16-Jul-11	Z8DY_START
SPSO136D01_071611	16-Jul-11	Z8DY_START
SPSO138D01_071611	16-Jul-11	Z8DY_START
SPSO137D01_071611	16-Jul-11	Z8DY_START
SPSO139D01_071611	16-Jul-11	Z8DY_START
SPSO140D01_071611	16-Jul-11	Z8DY_START
SPSO141D01_071611	16-Jul-11	Z8DY_START
SPSO142D01_071611	16-Jul-11	Z8DY_START
SPSO143D01_071611	16-Jul-11	Z8DY_START
SPSO144D01_071611	16-Jul-11	Z8DY_START
ST-071711-RT1	17-Jul-11	Z8DY_DEQ
ST-071711-RT2	17-Jul-11	Z8DY_DEQ
ST-071811-SM1	18-Jul-11	Z8DY_DEQ
ST-071811-SM2	18-Jul-11	Z8DY_DEQ
ST-071811-SM3-BG	18-Jul-11	Z8DY_DEQ
ST-071811-KW4	18-Jul-11	Z8DY_DEQ
ST-071811-KW5	18-Jul-11	Z8DY_DEQ
ST-071811-ML1	18-Jul-11	Z8DY_DEQ
ST-071811-ML2	18-Jul-11	Z8DY_DEQ
ST-071911-JH1	19-Jul-11	Z8DY_DEQ
ST-071911-JH2	19-Jul-11	Z8DY_DEQ
ST-071911-MH1	19-Jul-11	Z8DY_DEQ
B11071708-001	19-Jul-11	Z8DY_DEQ
B11071708-002	19-Jul-11	Z8DY_DEQ
B11071708-003	19-Jul-11	Z8DY_DEQ
B11071708-004	19-Jul-11	Z8DY_DEQ
B11071708-005	19-Jul-11	Z8DY_DEQ
B11071708-006	19-Jul-11	Z8DY_DEQ
ST-071911-RB1	19-Jul-11	Z8DY_DEQ
ST-072011-CR1	20-Jul-11	Z8DY_DEQ
ST-072011-CR1-D	20-Jul-11	Z8DY_DEQ

Table 2. Summary of Environmental Media Samples Collected.

Sample	Sample Date	Facility Code
Surface Soil		
ST-072011-CR2	20-Jul-11	Z8DY_DEQ
ST-072011-CR-BG	20-Jul-11	Z8DY_DEQ
ST-072011-CV1	20-Jul-11	Z8DY_DEQ
ST-072011-CV2	20-Jul-11	Z8DY_DEQ
ST-072011-JS1	20-Jul-11	Z8DY_DEQ
ST-072011-JS2	20-Jul-11	Z8DY_DEQ
ST-072111-KF1	21-Jul-11	Z8DY_DEQ
ST-072111-KF2	21-Jul-11	Z8DY_DEQ
ST-072111-TC1	21-Jul-11	Z8DY_DEQ
ST-072111-TC2	21-Jul-11	Z8DY_DEQ
ST-072111-CA1	21-Jul-11	Z8DY_DEQ
ST-072111-CA2	21-Jul-11	Z8DY_DEQ
ST-072211-JV1	22-Jul-11	Z8DY_DEQ
ST-072211-JV2	22-Jul-11	Z8DY_DEQ
ST-072211-JV3	22-Jul-11	Z8DY_DEQ
ST-072211-DK1	22-Jul-11	Z8DY_DEQ
ST-072211-DK2	22-Jul-11	Z8DY_DEQ
ST-072511-BS1	25-Jul-11	Z8DY_DEQ
ST-072511-BS3	25-Jul-11	Z8DY_DEQ
ST-072511-BS5-BG	25-Jul-11	Z8DY_DEQ
B11072247-001	25-Jul-11	Z8DY_DEQ
BIMT0725SO202	25-Jul-11	Z8DY_CTEH
BIMT0725SO204	25-Jul-11	Z8DY_CTEH
BIMT0725SO206	25-Jul-11	Z8DY_CTEH
BIMT0725SO207	25-Jul-11	Z8DY_CTEH
BIMT0725SO208	25-Jul-11	Z8DY_CTEH
BIMT0725SO209	25-Jul-11	Z8DY_CTEH
BIMT0725SO210	25-Jul-11	Z8DY_CTEH
LAMT0727SO201	27-Jul-11	Z8DY_CTEH
LAMT0727SO202	27-Jul-11	Z8DY_CTEH
LAMT0727SO203	27-Jul-11	Z8DY_CTEH
LAMT0727SO204	27-Jul-11	Z8DY_CTEH
LAMT0727SO205	27-Jul-11	Z8DY_CTEH
LAMT0727SO206	27-Jul-11	Z8DY_CTEH
LAMT0727SO207	27-Jul-11	Z8DY_CTEH
LAMT0727SO208	27-Jul-11	Z8DY_CTEH
LAMT0727SO209	27-Jul-11	Z8DY_CTEH
LAMT0727SO210	27-Jul-11	Z8DY_CTEH
LAMT0727SO211	27-Jul-11	Z8DY_CTEH
WOMT0801SO201	01-Aug-11	Z8DY_CTEH
WOMT0801SO202	01-Aug-11	Z8DY_CTEH
WOMT0801SO203	01-Aug-11	Z8DY_CTEH
WOMT0801SO205	01-Aug-11	Z8DY_CTEH
ST-080211-JN1	02-Aug-11	Z8DY_DEQ
ST-080211-JN2	02-Aug-11	Z8DY_DEQ
ST-080211-JN2D	02-Aug-11	Z8DY_DEQ
LAMT0809SO301	09-Aug-11	Z8DY_CTEH
LAMT0809SO302	09-Aug-11	Z8DY_CTEH
LAMT0809SO303	09-Aug-11	Z8DY_CTEH
LAMT0809SO304	09-Aug-11	Z8DY_CTEH
LAMT0809SO305	09-Aug-11	Z8DY_CTEH
LAMT0809SO306	09-Aug-11	Z8DY_CTEH
LAMT0809SO308	09-Aug-11	Z8DY_CTEH
LAMT0809SO307	09-Aug-11	Z8DY_CTEH
LAMT0809SO309	09-Aug-11	Z8DY_CTEH
LAMT0809SO310	09-Aug-11	Z8DY_CTEH
LAMT0809SO311	09-Aug-11	Z8DY_CTEH
LAMT0809SO312	09-Aug-11	Z8DY_CTEH

Table 2. Summary of Environmental Media Samples Collected.

Sample	Sample Date	Facility Code
Surface Soil		
LAMT0812SO401	12-Aug-11	Z8DY_CTEH
GLMT0812SO501	12-Aug-11	Z8DY_CTEH
LAMT0812SO408	12-Aug-11	Z8DY_CTEH
GLMT0812SO503	12-Aug-11	Z8DY_CTEH
LAMT0812SO413	12-Aug-11	Z8DY_CTEH
FAMT0813SO501	13-Aug-11	Z8DY_CTEH
BIMT0813SO101	13-Aug-11	Z8DY_CTEH
BIMT0813SO102	13-Aug-11	Z8DY_CTEH
LAMT0813DE401	13-Aug-11	Z8DY_CTEH
LAMT0813SO406	13-Aug-11	Z8DY_CTEH
BIMT0813SO103	13-Aug-11	Z8DY_CTEH
CAMT0813SO501	13-Aug-11	Z8DY_CTEH
LAMT0813SO401	13-Aug-11	Z8DY_CTEH
LAMT0813SO402	13-Aug-11	Z8DY_CTEH
LAMT0813SO403	13-Aug-11	Z8DY_CTEH
LAMT0813SO404	13-Aug-11	Z8DY_CTEH
LAMT0813SO405	13-Aug-11	Z8DY_CTEH
BIMT0813SO104	13-Aug-11	Z8DY_CTEH
BIMT0813SO105	13-Aug-11	Z8DY_CTEH
BIMT0813SO106	13-Aug-11	Z8DY_CTEH
MIMT0813SO501	13-Aug-11	Z8DY_CTEH
KIMT0813SO501	13-Aug-11	Z8DY_CTEH
LAMT0813SO409	13-Aug-11	Z8DY_CTEH
ROMT0814SO501	14-Aug-11	Z8DY_CTEH
ROMT0814SO502	14-Aug-11	Z8DY_CTEH
FOMT0814SO501	14-Aug-11	Z8DY_CTEH
LAMT0814SO402	14-Aug-11	Z8DY_CTEH
LAMT0814DE401	14-Aug-11	Z8DY_CTEH
LAMT0814SO407	14-Aug-11	Z8DY_CTEH
HYMT0814SO501	14-Aug-11	Z8DY_CTEH
HYMT0814SO502	14-Aug-11	Z8DY_CTEH
LAMT0814SO409	14-Aug-11	Z8DY_CTEH
LAMT0814SO410	14-Aug-11	Z8DY_CTEH
LAMT0815SO501	15-Aug-11	Z8DY_CTEH
LAMT0815SO401	15-Aug-11	Z8DY_CTEH
LAMT0815SO201	15-Aug-11	Z8DY_CTEH
LAMT0815SO202	15-Aug-11	Z8DY_CTEH
LAMT0815SO203	15-Aug-11	Z8DY_CTEH
LAMT0815SO204	15-Aug-11	Z8DY_CTEH
LAMT0815SO404	15-Aug-11	Z8DY_CTEH
LAMT0815SO407	15-Aug-11	Z8DY_CTEH
LAMT0815SO507	15-Aug-11	Z8DY_CTEH
LAMT0815SO512	15-Aug-11	Z8DY_CTEH
BIMT0815SO410	15-Aug-11	Z8DY_CTEH
LAMT0816SO402	16-Aug-11	Z8DY_CTEH
BIMT0816SO501	16-Aug-11	Z8DY_CTEH
HYMT0816SOBKG201	16-Aug-11	Z8DY_CTEH
HYMT0816SO202	16-Aug-11	Z8DY_CTEH
HYMT0816SO203	16-Aug-11	Z8DY_CTEH
HYMT0816SO204	16-Aug-11	Z8DY_CTEH
BIMT0816SO507	16-Aug-11	Z8DY_CTEH
HYMT0816SO205	16-Aug-11	Z8DY_CTEH
LAMT0816SO403	16-Aug-11	Z8DY_CTEH
BIMT0816DE501	16-Aug-11	Z8DY_CTEH
LAMT0816SO101	16-Aug-11	Z8DY_CTEH
HYMT0816SO206	16-Aug-11	Z8DY_CTEH
HYMT0816SO207	16-Aug-11	Z8DY_CTEH
HYMT0816SO208	16-Aug-11	Z8DY_CTEH

Table 2. Summary of Environmental Media Samples Collected.

Sample	Sample Date	Facility Code
Surface Soil		
LAMT0816SO102	16-Aug-11	Z8DY_CTEH
LAMT0816SO406	16-Aug-11	Z8DY_CTEH
HYMT0816SO209	16-Aug-11	Z8DY_CTEH
HYMT0816SO210	16-Aug-11	Z8DY_CTEH
LAMT0816SO103	16-Aug-11	Z8DY_CTEH
HYMT0816SO211	16-Aug-11	Z8DY_CTEH
BIMT0816SO512	16-Aug-11	Z8DY_CTEH
LAMT0816SO104	16-Aug-11	Z8DY_CTEH
LAMT0816SO105	16-Aug-11	Z8DY_CTEH
LAMT0816SO411	16-Aug-11	Z8DY_CTEH
LAMT0816SO106	16-Aug-11	Z8DY_CTEH
BIMT0816SO517	16-Aug-11	Z8DY_CTEH
LAMT0816SO107	16-Aug-11	Z8DY_CTEH
LAMT0816SO108	16-Aug-11	Z8DY_CTEH
LAMT0816SO109	16-Aug-11	Z8DY_CTEH
BIMT0816SO523	16-Aug-11	Z8DY_CTEH
LAMT0816SO110	16-Aug-11	Z8DY_CTEH
LAMT0816SOBKG111	16-Aug-11	Z8DY_CTEH
SHMT0817SO101	17-Aug-11	Z8DY_CTEH
BIMT0817SO501	17-Aug-11	Z8DY_CTEH
SHMT0817SO102	17-Aug-11	Z8DY_CTEH
SHMT0817SOBKG103	17-Aug-11	Z8DY_CTEH
BIMT0817SO507	17-Aug-11	Z8DY_CTEH
LAMT0817SO402	17-Aug-11	Z8DY_CTEH
LAMT0817SO407	17-Aug-11	Z8DY_CTEH
BIMT0817SO512	17-Aug-11	Z8DY_CTEH
LAMT0817SO412	17-Aug-11	Z8DY_CTEH
LAMT0817SO417	17-Aug-11	Z8DY_CTEH
BIMT0817SO517	17-Aug-11	Z8DY_CTEH
WOMT0818SO201	18-Aug-11	Z8DY_CTEH
WOMT0818SO202	18-Aug-11	Z8DY_CTEH
WOMT0818SO203	18-Aug-11	Z8DY_CTEH
WOMT0818SO204	18-Aug-11	Z8DY_CTEH
WOMT0818SOBKG205	18-Aug-11	Z8DY_CTEH
BIMT0820SO201	20-Aug-11	Z8DY_CTEH
BIMT0820SO202	20-Aug-11	Z8DY_CTEH
BIMT0820SO203	20-Aug-11	Z8DY_CTEH
BIMT0820SO101	20-Aug-11	Z8DY_CTEH
BIMT0820SO204	20-Aug-11	Z8DY_CTEH
BIMT0820SO205	20-Aug-11	Z8DY_CTEH
BIMT0820SO102	20-Aug-11	Z8DY_CTEH
BIMT0820SO103	20-Aug-11	Z8DY_CTEH
BIMT0820SO206	20-Aug-11	Z8DY_CTEH
BIMT0820SO207	20-Aug-11	Z8DY_CTEH
BIMT0820SO208	20-Aug-11	Z8DY_CTEH
BIMT0820SO104	20-Aug-11	Z8DY_CTEH
BIMT0820SO209	20-Aug-11	Z8DY_CTEH
BIMT0820SO210	20-Aug-11	Z8DY_CTEH
BIMT0820SOBKG211	20-Aug-11	Z8DY_CTEH
BIMT0820SO105	20-Aug-11	Z8DY_CTEH
BIMT0820SOBKG107	20-Aug-11	Z8DY_CTEH
LAMT0822SO101	22-Aug-11	Z8DY_CTEH
LAMT0822SO102	22-Aug-11	Z8DY_CTEH
FOMT0822SO201	22-Aug-11	Z8DY_CTEH
FOMT0822SO202	22-Aug-11	Z8DY_CTEH
FOMT0822SO203	22-Aug-11	Z8DY_CTEH
LAMT0822SO103	22-Aug-11	Z8DY_CTEH
LAMT0822SO104	22-Aug-11	Z8DY_CTEH

Table 2. Summary of Environmental Media Samples Collected.

Sample	Sample Date	Facility Code
Surface Soil		
LAMT0822SO105	22-Aug-11	Z8DY_CTEH
FOMT0822SO204	22-Aug-11	Z8DY_CTEH
FOMT0822SO205	22-Aug-11	Z8DY_CTEH
LAMT0822SO106	22-Aug-11	Z8DY_CTEH
FOMT0822SO206	22-Aug-11	Z8DY_CTEH
LAMT0822SO107	22-Aug-11	Z8DY_CTEH
LAMT0822SO108	22-Aug-11	Z8DY_CTEH
LAMT0822SO109	22-Aug-11	Z8DY_CTEH
LAMT0822SO113	22-Aug-11	Z8DY_CTEH
FOMT0822SO207	22-Aug-11	Z8DY_CTEH
LAMT0822SO110	22-Aug-11	Z8DY_CTEH
LAMT0822SO114	22-Aug-11	Z8DY_CTEH
FOMT0822SO208	22-Aug-11	Z8DY_CTEH
LAMT0822SO115	22-Aug-11	Z8DY_CTEH
LAMT0822SOBKG111	22-Aug-11	Z8DY_CTEH
FOMT0822SO209	22-Aug-11	Z8DY_CTEH
LAMT0822SO116	22-Aug-11	Z8DY_CTEH
FOMT0822SO210	22-Aug-11	Z8DY_CTEH
LAMT0822SO117	22-Aug-11	Z8DY_CTEH
FOMT0822SO211	22-Aug-11	Z8DY_CTEH
FOMT0822SOBKG212	22-Aug-11	Z8DY_CTEH
LAMT0822SO118	22-Aug-11	Z8DY_CTEH
LAMT0822SO119	22-Aug-11	Z8DY_CTEH
LAMT0822SO120	22-Aug-11	Z8DY_CTEH
LAMT0822SO121	22-Aug-11	Z8DY_CTEH
LAMT0822SOBKG123	22-Aug-11	Z8DY_CTEH
LAMT0822SO122	22-Aug-11	Z8DY_CTEH
BIMT0823SO501	23-Aug-11	Z8DY_CTEH
LAMT0823SO601	23-Aug-11	Z8DY_CTEH
BIMT0823SO503	23-Aug-11	Z8DY_CTEH
LAMT0823SO606	23-Aug-11	Z8DY_CTEH
BIMT0823SO507	23-Aug-11	Z8DY_CTEH
LAMT0824SO201	24-Aug-11	Z8DY_CTEH
LAMT0824SO202	24-Aug-11	Z8DY_CTEH
HUMT0824SO101	24-Aug-11	Z8DY_CTEH
LAMT0824SO203	24-Aug-11	Z8DY_CTEH
LAMT0824SO204	24-Aug-11	Z8DY_CTEH
HUMT0824SO102	24-Aug-11	Z8DY_CTEH
LAMT0824SO601	24-Aug-11	Z8DY_CTEH
LAMT0824SO205	24-Aug-11	Z8DY_CTEH
HUMT0824SO103	24-Aug-11	Z8DY_CTEH
HUMT0824SO104	24-Aug-11	Z8DY_CTEH
LAMT0824SOBKG206	24-Aug-11	Z8DY_CTEH
HUMT0824SO105	24-Aug-11	Z8DY_CTEH
LAMT0824SO606	24-Aug-11	Z8DY_CTEH
HUMT0824SOBKG106	24-Aug-11	Z8DY_CTEH
BIMT0824SO502	24-Aug-11	Z8DY_CTEH
LAMT0824SO611	24-Aug-11	Z8DY_CTEH
LAMT0824SO616	24-Aug-11	Z8DY_CTEH
BIMT0824SO113	24-Aug-11	Z8DY_CTEH
BIMT0824SO108	24-Aug-11	Z8DY_CTEH
BIMT0824SO109	24-Aug-11	Z8DY_CTEH
BIMT0824SO507	24-Aug-11	Z8DY_CTEH
LAMT0824SO618	24-Aug-11	Z8DY_CTEH
BIMT0824SO110	24-Aug-11	Z8DY_CTEH
BIMT0824SO111	24-Aug-11	Z8DY_CTEH
BIMT0824SO114	24-Aug-11	Z8DY_CTEH
BIMT0824SO115	24-Aug-11	Z8DY_CTEH

Table 2. Summary of Environmental Media Samples Collected.

Sample	Sample Date	Facility Code
Surface Soil		
BIMT0824SO112	24-Aug-11	Z8DY_CTEH
BIMT0824SO116	24-Aug-11	Z8DY_CTEH
BIMT0824SO117	24-Aug-11	Z8DY_CTEH
BIMT0824SO118	24-Aug-11	Z8DY_CTEH
BIMT0824SOBKG119	24-Aug-11	Z8DY_CTEH
LAMT0825SO601	25-Aug-11	Z8DY_CTEH
LAMT0825SO101	25-Aug-11	Z8DY_CTEH
BIMT0825SO502	25-Aug-11	Z8DY_CTEH
BIMT0825SO503	25-Aug-11	Z8DY_CTEH
LAMT0825SOBKG102	25-Aug-11	Z8DY_CTEH
LAMT0825SO606	25-Aug-11	Z8DY_CTEH
BIMT0825SO505	25-Aug-11	Z8DY_CTEH
BIMT0825SO510	25-Aug-11	Z8DY_CTEH
LAMT0825SO608	25-Aug-11	Z8DY_CTEH
LAMT0825SO609	25-Aug-11	Z8DY_CTEH
LAMT0825SO610	25-Aug-11	Z8DY_CTEH
LAMT0825SO611	25-Aug-11	Z8DY_CTEH
LAMT0825SO612	25-Aug-11	Z8DY_CTEH
BIMT0825SO515	25-Aug-11	Z8DY_CTEH
LAMT0826SOBKG601	26-Aug-11	Z8DY_CTEH
LAMT0826SOBKG602	26-Aug-11	Z8DY_CTEH
LAMT0826SOBKG603	26-Aug-11	Z8DY_CTEH
LAMT0826SOBKG604	26-Aug-11	Z8DY_CTEH
LAMT0826SOBKG605	26-Aug-11	Z8DY_CTEH
LOMT0826SO101	26-Aug-11	Z8DY_CTEH
LOMT0826SO102	26-Aug-11	Z8DY_CTEH
LOMT0826SO103	26-Aug-11	Z8DY_CTEH
LAMT0826SOBKG606	26-Aug-11	Z8DY_CTEH
LOMT0826SOBKG104	26-Aug-11	Z8DY_CTEH
BIMT0826SO501	26-Aug-11	Z8DY_CTEH
BIMT0826SO502	26-Aug-11	Z8DY_CTEH
LAMT0826SOBKG611	26-Aug-11	Z8DY_CTEH
BIMT0826SO503	26-Aug-11	Z8DY_CTEH
BIMT0826SO504	26-Aug-11	Z8DY_CTEH
BIMT0826SO505	26-Aug-11	Z8DY_CTEH
LAMT0826SOBKG616	26-Aug-11	Z8DY_CTEH
LAMT0826SO621	26-Aug-11	Z8DY_CTEH
BIMT0828SO501	28-Aug-11	Z8DY_CTEH
LAMT0828SOBKG501	28-Aug-11	Z8DY_CTEH
LAMT0828SOBKG502	28-Aug-11	Z8DY_CTEH
PPMT0831SO501	31-Aug-11	Z8DY_CTEH
BIMT0831SO201	31-Aug-11	Z8DY_CTEH
BIMT0831SO202	31-Aug-11	Z8DY_CTEH
BIMT0831SO203	31-Aug-11	Z8DY_CTEH
BIMT0831SO501	31-Aug-11	Z8DY_CTEH
BIMT0831SO204	31-Aug-11	Z8DY_CTEH
BIMT0831SOBKG205	31-Aug-11	Z8DY_CTEH
LAMT0831SO101	31-Aug-11	Z8DY_CTEH
LAMT0901SO501	01-Sep-11	Z8DY_CTEH
LAMT0901SO102	01-Sep-11	Z8DY_CTEH
BIMT0901SO201	01-Sep-11	Z8DY_CTEH
LAMT0901SO103	01-Sep-11	Z8DY_CTEH
BIMT0901SO202	01-Sep-11	Z8DY_CTEH
LAMT0901SO104	01-Sep-11	Z8DY_CTEH
BIMT0901SO203	01-Sep-11	Z8DY_CTEH
BIMT0901SO204	01-Sep-11	Z8DY_CTEH
BIMT0901SO205	01-Sep-11	Z8DY_CTEH
LAMT0901SOBKG106	01-Sep-11	Z8DY_CTEH

Table 2. Summary of Environmental Media Samples Collected.

Sample	Sample Date	Facility Code
Surface Soil		
BIMT0901SO206	01-Sep-11	Z8DY_CTEH
BIMT0901SO207	01-Sep-11	Z8DY_CTEH
BIMT0901SO208	01-Sep-11	Z8DY_CTEH
BIMT0901SO209	01-Sep-11	Z8DY_CTEH
BIMT0901SO210	01-Sep-11	Z8DY_CTEH
BIMT0901SOBKG211	01-Sep-11	Z8DY_CTEH
LAMT0902SO201	02-Sep-11	Z8DY_CTEH
WOMT0902SO101	02-Sep-11	Z8DY_CTEH
WOMT0902SO102	02-Sep-11	Z8DY_CTEH
LAMT0902SO202	02-Sep-11	Z8DY_CTEH
WOMT0902SO103	02-Sep-11	Z8DY_CTEH
LAMT0902SO203	02-Sep-11	Z8DY_CTEH
WOMT0902SO104	02-Sep-11	Z8DY_CTEH
WOMT0902SO105	02-Sep-11	Z8DY_CTEH
LAMT0902SO204	02-Sep-11	Z8DY_CTEH
LAMT0902SO207	02-Sep-11	Z8DY_CTEH
WOMT0902SO106	02-Sep-11	Z8DY_CTEH
LAMT0902SOBKG205	02-Sep-11	Z8DY_CTEH
WOMT0902SO107	02-Sep-11	Z8DY_CTEH
WOMT0902SO108	02-Sep-11	Z8DY_CTEH
WOMT0902SO109	02-Sep-11	Z8DY_CTEH
WOMT0902SO110	02-Sep-11	Z8DY_CTEH
WOMT0902SOBKG111	02-Sep-11	Z8DY_CTEH
BIMT090911SO101	09-Sep-11	Z8DY_ARCADIS
BIMT090911SO102	09-Sep-11	Z8DY_ARCADIS
BAMT092611SO0116_20110926	26-Sep-11	Z8DY_ARCADIS
BAMT092611SO0117_20110926	26-Sep-11	Z8DY_ARCADIS
BAMT092611SO0118_20110926	26-Sep-11	Z8DY_ARCADIS
BAMT092611SO0119_20110926	26-Sep-11	Z8DY_ARCADIS
BAMT092611SOBKG0120_20110926	26-Sep-11	Z8DY_ARCADIS
SPSW01_070411	04-Jul-11	Z8DY_START
SPSW98_070411	04-Jul-11	Z8DY_START
SPSW02_070411	04-Jul-11	Z8DY_START
SPSW03_070411	04-Jul-11	Z8DY_START
SPSW05_070411	04-Jul-11	Z8DY_START
SPSW04_070411	04-Jul-11	Z8DY_START
LAMT0706SWBKG001	06-Jul-11	Z8DY_CTEH
LAMT0706SWBKG002	06-Jul-11	Z8DY_CTEH
LAMT0706SWBKG003	06-Jul-11	Z8DY_CTEH
07082011-GF-1	08-Jul-11	Z8DY_CTEH
07082011-GF-2	08-Jul-11	Z8DY_CTEH
LAMT0708SWBKG304	08-Jul-11	Z8DY_CTEH
LAMT0709SW304	09-Jul-11	Z8DY_CTEH
SPSW01_070911	09-Jul-11	Z8DY_START
LAMT0709BKGSW201	09-Jul-11	Z8DY_CTEH
B11070821-003	10-Jul-11	Z8DY_DEQ
B11070821-004	10-Jul-11	Z8DY_DEQ
B11070821-033	10-Jul-11	Z8DY_DEQ
BIMT0710SW201	10-Jul-11	Z8DY_CTEH
SPSW02_071011	10-Jul-11	Z8DY_START
LAMT0710SWBKG102	10-Jul-11	Z8DY_CTEH
LAMT0712SWBKG101	12-Jul-11	Z8DY_CTEH
LAMT0712SWBKG101 DUP	12-Jul-11	Z8DY_CTEH
LOMT0712SW201	12-Jul-11	Z8DY_CTEH
SPSW201_071311	13-Jul-11	Z8DY_START
LAMT0713SW302	13-Jul-11	Z8DY_CTEH
ST-071411-KW-SW	14-Jul-11	Z8DY_DEQ
ST-071411-KW-SW-F	14-Jul-11	Z8DY_DEQ
ST-071411-YELLR1	14-Jul-11	Z8DY_DEQ
ST-071411-JN-SW	14-Jul-11	Z8DY_DEQ

Table 2. Summary of Environmental Media Samples Collected.

Sample	Sample Date	Facility Code
Surface Soil		
LAMT0714SWBKG101	14-Jul-11	Z8DY_CTEH
BIMT0714SW304	14-Jul-11	Z8DY_CTEH
ST-071511-JG1	15-Jul-11	Z8DY_DEQ
LAMT0715BKG301	15-Jul-11	Z8DY_CTEH
TEMT0718SW302	18-Jul-11	Z8DY_CTEH
TEMT0718SW303	18-Jul-11	Z8DY_CTEH
LAMT0718BKG104	18-Jul-11	Z8DY_CTEH
ST-071911-MH-SW	19-Jul-11	Z8DY_DEQ
ST-071911-JH-SW	19-Jul-11	Z8DY_DEQ
ST-071911-JH-SW-F	19-Jul-11	Z8DY_DEQ
ST-071911-RB-SW	19-Jul-11	Z8DY_DEQ
LAMT0719BKG302	19-Jul-11	Z8DY_CTEH
LAMT0720BKG102	20-Jul-11	Z8DY_CTEH
BIMT0720SW302	20-Jul-11	Z8DY_CTEH
BIMT0721SW101	21-Jul-11	Z8DY_CTEH
LAMT0721SW302	21-Jul-11	Z8DY_CTEH
LAMT0721SWBKG301	21-Jul-11	Z8DY_CTEH
SHMT0721SW102DUP	21-Jul-11	Z8DY_CTEH
SHMT0721SW103	21-Jul-11	Z8DY_CTEH
SHMT0721SW305	21-Jul-11	Z8DY_CTEH
SHM0721SW102	21-Jul-11	Z8DY_CTEH
WOMT0723SW101	23-Jul-11	Z8DY_CTEH

Table 2. Summary of Environmental Media Samples Collected.

Sample	Sample Date	Facility Code
Surface Water		
SPSW501_072311	23-Jul-11	Z8DY_START
LAMT0723SW601	23-Jul-11	Z8DY_CTEH
LAMT0723SW602	23-Jul-11	Z8DY_CTEH
LAMT0723SW501	23-Jul-11	Z8DY_CTEH
LAMT0723SW502	23-Jul-11	Z8DY_CTEH
TEMT0723SW701	23-Jul-11	Z8DY_CTEH
GLMT0723SW801	23-Jul-11	Z8DY_CTEH
LAMT0723SW503	23-Jul-11	Z8DY_CTEH
LAMT0723SW504	23-Jul-11	Z8DY_CTEH
TEMT0723SW702	23-Jul-11	Z8DY_CTEH
LAMT0723SW505	23-Jul-11	Z8DY_CTEH
GLMT0723SW802	23-Jul-11	Z8DY_CTEH
BIMT0723SW601	23-Jul-11	Z8DY_CTEH
CUMT0723SW703	23-Jul-11	Z8DY_CTEH
TEMT0723SW803	23-Jul-11	Z8DY_CTEH
TEMT0723SW804	23-Jul-11	Z8DY_CTEH
ST-072411-D27-SW	24-Jul-11	Z8DY_DEQ
MCMT0724SW701	24-Jul-11	Z8DY_CTEH
LAMT0724SW501	24-Jul-11	Z8DY_CTEH
MYMT0724SW601	24-Jul-11	Z8DY_CTEH
LAMT0724SW504	24-Jul-11	Z8DY_CTEH
HYMT0724SW601	24-Jul-11	Z8DY_CTEH
FOMT0724SW601	24-Jul-11	Z8DY_CTEH
SPSW507_072411	24-Jul-11	Z8DY_START
LAMT0724SW507	24-Jul-11	Z8DY_CTEH
LAMT0724SWBKG201	24-Jul-11	Z8DY_CTEH
FOMT0724SW604	24-Jul-11	Z8DY_CTEH
LAMT0724SW510	24-Jul-11	Z8DY_CTEH
LAMT0724SW513	24-Jul-11	Z8DY_CTEH
SPSW516_072411	24-Jul-11	Z8DY_START
LAMT0724SW516	24-Jul-11	Z8DY_CTEH
RBMT0724SW701	24-Jul-11	Z8DY_CTEH
ST-072511-C17-SW	25-Jul-11	Z8DY_DEQ
BIMT0725SW601	25-Jul-11	Z8DY_CTEH
HUMT0724SW501	25-Jul-11	Z8DY_CTEH
BIMT0725SW604	25-Jul-11	Z8DY_CTEH
BIMT0725SW607	25-Jul-11	Z8DY_CTEH
GLMT0725SW701	25-Jul-11	Z8DY_CTEH
BIMT0725SW610	25-Jul-11	Z8DY_CTEH
CUMT0725SW501	25-Jul-11	Z8DY_CTEH
LAMT0725SW601	25-Jul-11	Z8DY_CTEH
LAMT0725SW604	25-Jul-11	Z8DY_CTEH
BLMT0725SW701	25-Jul-11	Z8DY_CTEH
BIMT0725SW613	25-Jul-11	Z8DY_CTEH
SPSW504_072511	25-Jul-11	Z8DY_START
CUMT0725SW504	25-Jul-11	Z8DY_CTEH
ST-072711-BK-SW	27-Jul-11	Z8DY_DEQ
BIMT0727SW201	27-Jul-11	Z8DY_CTEH
WOMT0728SW201	28-Jul-11	Z8DY_CTEH
LAMT0729SWBKG201	29-Jul-11	Z8DY_CTEH
WOMT0729SW201	29-Jul-11	Z8DY_CTEH

Table 2. Summary of Environmental Media Samples Collected.

Sample	Sample Date	Facility Code
Surface Water		
WOMT0729SW202	29-Jul-11	Z8DY_CTEH
LAMT0801SWBKG101	01-Aug-11	Z8DY_CTEH
FOMT0801SW203	01-Aug-11	Z8DY_CTEH
ST-080211-JN-SW	02-Aug-11	Z8DY_DEQ
ST-080211-JN-SWD	02-Aug-11	Z8DY_DEQ
MCMT0802SW201	02-Aug-11	Z8DY_CTEH
SIMT0802SW201	02-Aug-11	Z8DY_CTEH
BIMT0803SW201	03-Aug-11	Z8DY_CTEH
WOMT0803SW301	03-Aug-11	Z8DY_CTEH
LAMT0804SW301	04-Aug-11	Z8DY_CTEH
LAMT0804SW302	04-Aug-11	Z8DY_CTEH
LAMT0804SWBKG203	04-Aug-11	Z8DY_CTEH
LOMT0805SW202	05-Aug-11	Z8DY_CTEH
WOMT0805SW101	05-Aug-11	Z8DY_CTEH
PPMT0808SW101	08-Aug-11	Z8DY_CTEH
LAMT0809SW101	09-Aug-11	Z8DY_CTEH
LAMT0809SW102	09-Aug-11	Z8DY_CTEH
PPMT0809SW201	09-Aug-11	Z8DY_CTEH
PPMT0809SW202	09-Aug-11	Z8DY_CTEH
GLMT0810SW203	10-Aug-11	Z8DY_CTEH
GLMT0810SW206	10-Aug-11	Z8DY_CTEH
LAMT0810IWBKG302	10-Aug-11	Z8DY_CTEH
LAMT0811SWBKG101	11-Aug-11	Z8DY_CTEH
COMT0812SW201	12-Aug-11	Z8DY_CTEH
COMT0812SW202	12-Aug-11	Z8DY_CTEH
BIMT0812SW104	12-Aug-11	Z8DY_CTEH
LAMT0813SWBKG203	13-Aug-11	Z8DY_CTEH
LAMT0815SWBKG105	15-Aug-11	Z8DY_CTEH
LAMT0816SWBKG214	16-Aug-11	Z8DY_CTEH
FOMT0817SW201	17-Aug-11	Z8DY_CTEH
BIMT0819SW102	19-Aug-11	Z8DY_CTEH
HYMT0819SW202	19-Aug-11	Z8DY_CTEH
WOMT0825SW201	25-Aug-11	Z8DY_CTEH
WOMT0825SW202	25-Aug-11	Z8DY_CTEH
WOMT0825SW203	25-Aug-11	Z8DY_CTEH
WOMT0825SW204	25-Aug-11	Z8DY_CTEH
ST-082711-A-3-WEST_WATER	27-Aug-11	Z8DY_DEQ
ST-082711-A-3-EAST_WATER	27-Aug-11	Z8DY_DEQ
LAMT0829SWBKG201	29-Aug-11	Z8DY_CTEH
LAMT0902SW208	02-Sep-11	Z8DY_CTEH
SIMT0915SW0201_20110915	15-Sep-11	Z8DY_ARCADIS
SIMT0915SW0202_20110915	15-Sep-11	Z8DY_ARCADIS
MCMT0915SW0201_20110915	15-Sep-11	Z8DY_ARCADIS
COMT091611SE307_20110916	16-Sep-11	Z8DY_ARCADIS
FOMT0916SW0201_20110916	16-Sep-11	Z8DY_ARCADIS
COMT0916SW0201_20110916	16-Sep-11	Z8DY_ARCADIS
COMT091611SW301_20110916	16-Sep-11	Z8DY_ARCADIS
HYMT091611SW304_20110916	16-Sep-11	Z8DY_ARCADIS
LOMT0917SW0201_20110917	17-Sep-11	Z8DY_ARCADIS
BIMT0917SW0201_20110917	17-Sep-11	Z8DY_ARCADIS
LAMT0917SW0201_20110917	17-Sep-11	Z8DY_ARCADIS

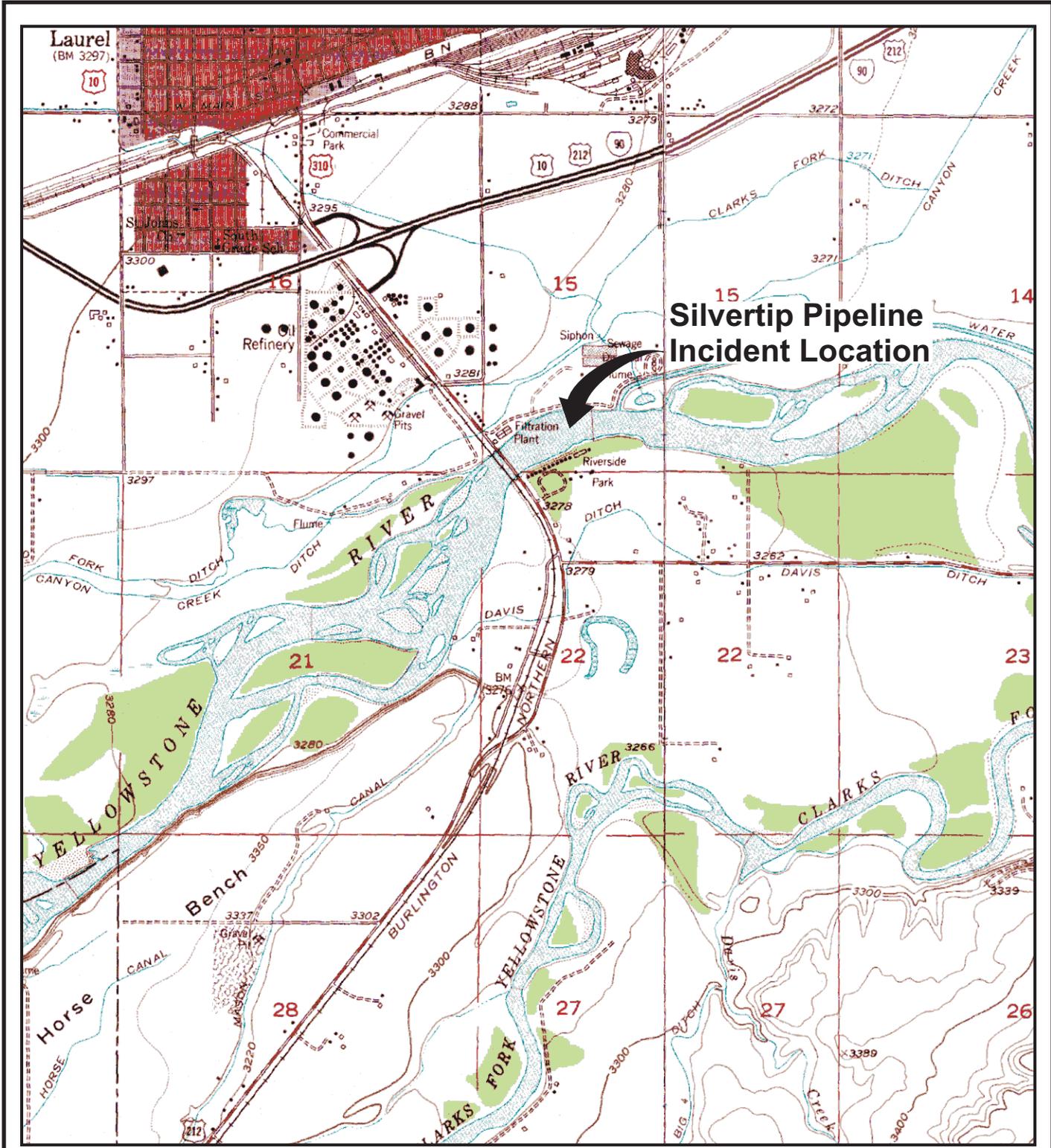
Table 2. Summary of Environmental Media Samples Collected.

Sample	Sample Date	Facility Code
Water - Not Specific		
ST-071511-JG2	15-Jul-11	Z8DY_DEQ

Table 2. Summary of Environmental Media Samples Collected.

Sample	Sample Date	Facility Code
Wipe Sample		
3920721WS01PAH	21-Jul-11	Z8DY_CTEH
3920721WS02TEH	21-Jul-11	Z8DY_CTEH
3920721WS03PAH	21-Jul-11	Z8DY_CTEH
3920721WS04TEH	21-Jul-11	Z8DY_CTEH
3920721WS05PAH	21-Jul-11	Z8DY_CTEH
3920721WS06TEH	21-Jul-11	Z8DY_CTEH
3920721WS07PAH	21-Jul-11	Z8DY_CTEH
3920721WS08TEH	21-Jul-11	Z8DY_CTEH

Figures



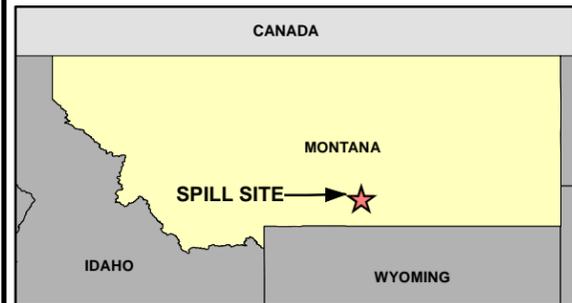
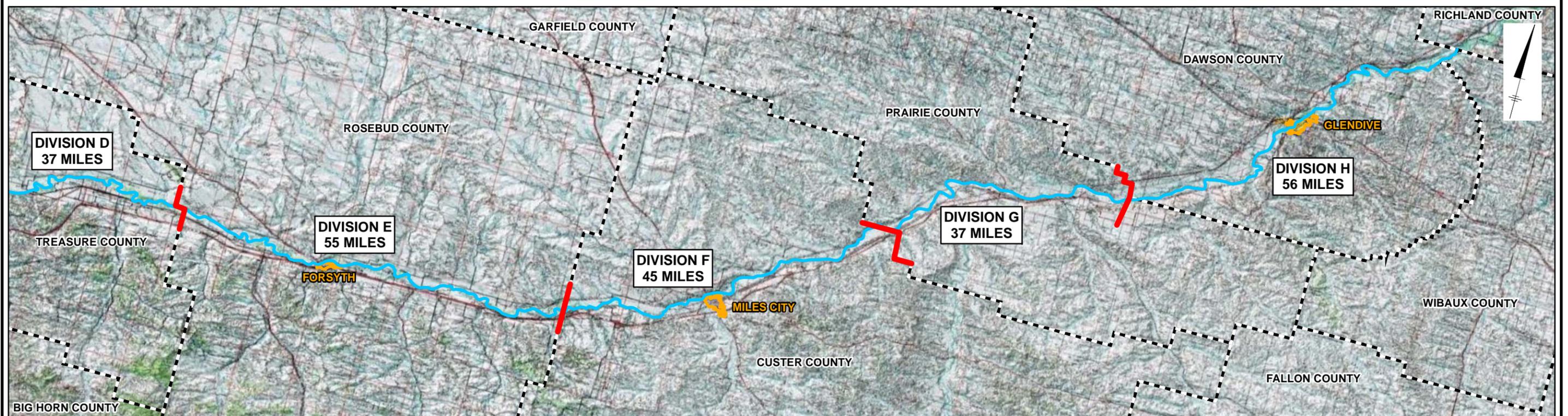
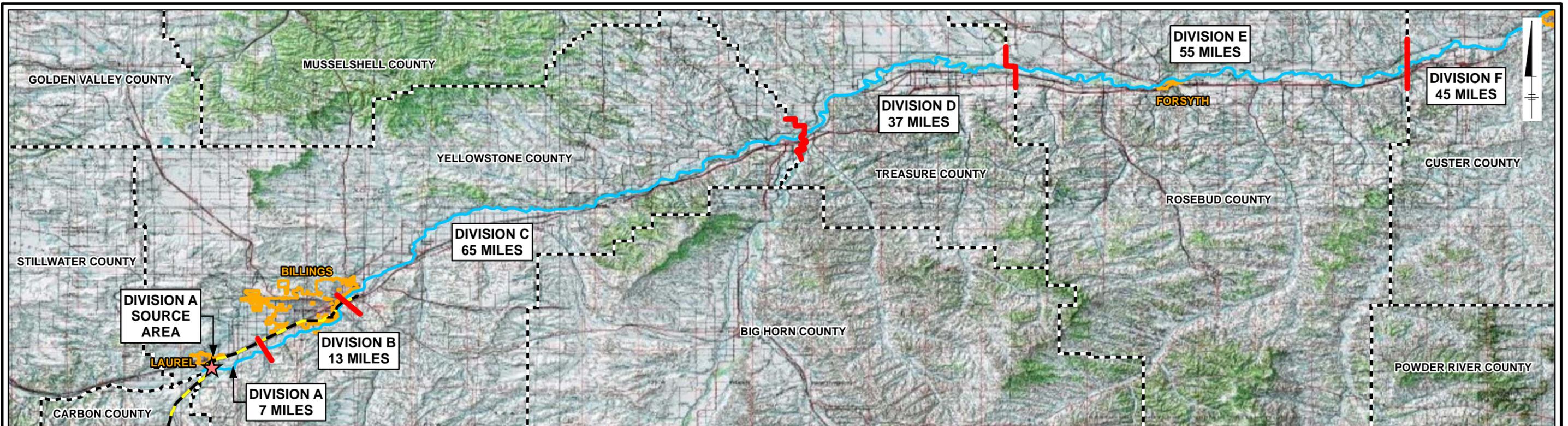
REFERENCE: BASE MAP USGS 7.5 MIN. QUAD., LAUREL, AND MOSSMAIN MONT, 1956, PHOTOREVISED 1969.



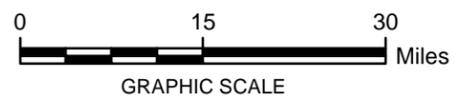
Approximate Scale: 1" = 2000'



SILVERTIP PIPELINE INCIDENT LAUREL, MONTANA FINAL REPORT – SUMMARY OF REMEDIATION ACTIVITIES	
SITE LOCATION MAP	
	FIGURE 1



- LEGEND:**
- ★ SPILL SITE
 - PIPELINE
 - DIVISION BREAK
 - YELLOWSTONE RIVER CENTERLINE (APPROXIMATE)
 - CITY BOUNDARY
 - - - COUNTY BOUNDARY



- NOTES:**
1. BASEMAPPING TOPOGRAPHIC MAP PROVIDED BY ESRI ARCGIS ONLINE MAP SERVICE.
 2. YELLOWSTONE RIVER CENTERLINE APPROXIMATED FROM 2009 AERIAL IMAGERY.

SILVERTIP PIPELINE INCIDENT RESPONSE
 LAUREL, MONTANA
 NOVEMBER 10, 2011
FINAL REPORT -
SUMMARY OF REMEDIATION ACTIVITIES

RIVER DIVISIONS A THROUGH H



City: SYR Div/Group: 90 Created By: mikonberger Last Saved By: ksinsabaugh
 Exxon-Mobil (B0085683,1103,00001)
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Appendix A

ICS 209 Form

Project Stewardship Summary

Incident: Silvertip Pipeline Incident **Prepared By:** Unit, Situation **at** 10/15/2011 16:55
Period: Period 21 (8/25/2011 07:30 - 9/10/2011 07:30) **Version Name:** 20111015 1600 FINAL

Spill Status (Estimated)

Source Status: Remaining potential:
 Secured **Rate of spillage:**
 Unsecured **Amounts below measured in:**

	Last 24 Hours	Total
Volume Spilled/Released		1000

Mass Balance (Estimated*)

Recovered HAZMAT/Oil		
Evaporation/Airborne		
Natural Dispersion		
Chemical Dispersion		
Burned		
Floating, Contained		
Floating, Uncontained		
Onshore		
Total spilled product accounted for:		0

Waste Management (Estimated)

Type	Recovered	Stored	Disposed
Oil			
Oily Liquid (bbls)	942	0	942
Decon Liquid		500.5	0
Oily Solid (yds)	11063	50	11013
Solid			

Shoreline Impacts

Degree of Oiling	Affected	Cleaned	Remaining to be Cleaned
Very Light			
Light			
Medium			
Heavy			
Total	0	0	0

Wildlife Impacts

Type	Captured	Cleaned	Released	DOA	Died in Facility	
					Euth.	Other
Bird	4	4	4	26		
Mammal	0			10		
Reptile	11	11	11			
Fish	0			83		
Other	116	116	116	5		1
Total	131	131	131	124	0	1

Safety Status

Type	Last 24 Hours	Total
Responder Injury	0	6
Public Injury	0	0
First Aid	0	55

Equipment Resources

Type	Ordered	Available /Staged	Assigned	Out-Of-Service
Sorbent: Boom		34,480	52,380	
Sorbent: Rolls		8	217	
Sorbent: Pads		1,606	1,372	
Viscous Boom		3,413	314	
Vehicle				13
Equipment: Small				6
Vessel				0
Trailer				9
Storage: Solid				36
Equipment: Heavy				10
Storage: Liquid				10
Pumps				3
Generator				5
Skimmer		1		
Pressure Washers		1	4	
Aircraft: Helo				
Vacuum Truck				1
Aircraft: Fixed Wing				
Dispersant				

Personnel Resources

Organization	People in the Field	People in Cmd. Post	Total People On Scene
Federal	0	0	0
State	0	0	0
Local	0	0	0
Tribal	0	0	0
RP	3	5	8
Contract Personnel	26	7	33
Other (MSU)	0	0	0
			0
			0
Total Response Personnel:			41

Special Notes

**Shoreline Attachments: See 209A attachment
 Decon is in the process of transferring the frac tanks to vacuum boxes.

*Mass Balance estimates are based on common rules of thumb for natural and chemical dispersion, evaporation, skimming and burning efficiency.

Attachment - Additional Incident Status Data

Work Site Summary (as of October 13, 2011)									
Division	Total Segments	Initial SCAT				Operations		Re-SCAT	SCAT
		Segments Pending	Segments in Progress	Segments Completed	Segments Requiring Treatment	Segments in Progress	Segments Completed	Segments Completed	Segment PASSED / NOO / NFT
A	69	0	0	69	47	0	47	47	69
B	106	0	0	106	100	0	100	100	106
C	216	0	0	216	61	0	61	71	216
Totals	391	0	0	391	208	0	208	218	391

Comment: On 9/5/2011, after further review of the Re-SCAT totals, it was found that the Re-SCAT "Complete" totals were inflated. The current totals show the corrected data, which was verified between SCAT and Planning. **391 Total Segment = 414 original segments minus 23 segments not visited beyond C66. No actionable oil was found beyond C55.

SCAT Monitoring Data (as of October 13, 2011)								
Work Area	SCAT Surveys Conducted	No Oil Observed	Oil Impact, acres <1>				Total Oil Impacts	Total Surveyed
			Very Light	Light	Moderate	Heavy		
A	223	415.69	130.33	102.89	118.21	8.47	359.90	775.59
B	328	390.63	547.83	366.04	83.50	1.01	998.38	1389.01
C	445	5077.04	2069.14	252.73	9.48	0.00	2331.35	7408.39
D	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Totals	996	5883.36	2747.30	721.66	211.19	9.48	3689.63	9572.99

Comments: <1> Represents miles of impacted areas observed during completed SCATS
<2> Segments evaluated include only partial shorelines in each segments pending boat access due to unsafe river Conditions.

Water Well/Irrigation Sampling		
Number of Requests	Number of Sample Visits	Results Communicated
124	117	67

Comments: All results indicate no impact from release.

Residential Air Monitoring		
Number of Requests	Number of Monitoring Visits	Number of Results Received and Communicated
22	19	19

Comments: All results non-detect to date.

Claims / Information Hotline			
Total Calls	Potential Claims	Employment	Other
704	257	93	354

Comments: All potential claims to date have had contact with claims adjustment group.



Appendix B

Waste Disposal Bills of Lading –
August 13 through November 10,
2011 (included on attached media)