



MAY 2024 PROGRESS REPORT - REVISION 1
REMEDIAL DESIGN/REMEDIAL ACTION
TOWN OF PINES SUPERFUND SITE
OPERABLE UNIT 2
TOWN OF PINES, INDIANA

by Haley & Aldrich, Inc.
Bedford, New Hampshire

for United States Environmental Protection Agency - Region 5
Chicago, Illinois

File No. 0130213-028
June 2024



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18 June 2024
File No. 0130213-028

United States Environmental Protection Agency – Region 5
77 West Jackson Boulevard
Chicago, Illinois 60604

Attention: Erik Hardin

Subject: May 2024 Progress Report - Revision 1
Remedial Design/Remedial Action (RD/RA)
Town of Pines Superfund Site
Operable Unit 2
Town of Pines, Indiana

Dear Mr. Hardin:

This Progress Report (“Report”) was prepared by Haley & Aldrich, Inc. (Haley & Aldrich) on behalf of the Northern Indiana Public Service Company, LLC (“NIPSCO” or the “Settling Defendant”) under the Consent Decree for Operable Unit 2 (OU 2) of the Town of Pines Superfund Site entered by the U.S. District Court for the Northern District of Indiana on 12 September 2022 in Case No. 22-cv-48 (the “CD”). This Report concerns the Town of Pines Superfund site (the “Site”)¹ and was prepared in accordance with the CD, the Statement of Work (SOW), and the Remedial Design (RD)/Remedial Action (RA) Work Plan (Work Plan) that was prepared by Haley & Aldrich and AECOM Technical Services, Inc. (AECOM) and approved by the United States Environmental Protection Agency (USEPA) on 16 January 2024.

This Report was prepared to fulfill the reporting requirement outlined in the Work Plan and in the CD and SOW which is appended to the CD. The CD requires monthly reporting unless otherwise approved by USEPA. As of the April 2024 progress report, progress reporting is monthly.

This Report summarizes the work performed, problems encountered, removal quantities, property characterization status, validated analytical data received, deliverables submitted, past and upcoming schedule, and access agreements received during May 2024. Planned work and developments for the next reporting period are also discussed.

¹ The Town of Pines Superfund site has been previously referred to as the Town of Pines Groundwater Plume Site and the Pines Area of Investigation in various documents; the current terminology is that used by USEPA in the CD.

Work in Progress

The following project work is currently in progress as of 31 May 2024:

REMOVAL ACTION

- During the beginning of the second quarter of 2023, NIPSCO was communicating with a representative of GS072 to obtain access for pre-design and removal work, was determining ownership of GS072, and was drafting an agreement to secure access to the property. However, during May 2023, this representative passed away. This property has been in the process of undergoing ownership changes and has passed to seven owners. Communications had been paused out of respect for the family; however, in 2024, a personal representative was appointed to administer the interest of one of the owners of the GS072 property. NIPSCO has initiated communications with this personal representative and discussions are in progress. The schedule for removal work at GS072 is undetermined at this time, pending access to complete the work.

Removal work status at the ASAO Completed Properties and the CD Properties to be Remediated is summarized in Table 1.

SOIL CHARACTERIZATION AT PRIVATE PROPERTIES

Soil characterization sampling at private properties began in April 2024 and will continue through the 2024 field season.

For heavily vegetated properties where access for soil characterization sampling has been granted, NIPSCO is engaging with property owners to obtain approval to clear paths for sampling, where feasible, as described in the Soil Field Sampling Plan. We expect these properties to be sampled in the fall when vegetation is less of an issue for access.

COMMUNITY INVOLVEMENT ACTIVITIES

ETC, Inc. (ETC) implemented the multi-faceted community notification program on 23 February 2024. USEPA published a notice of the program on 26 February 2024 in the Northwest Indiana Times. ETC completed recruitment Attempt 1 per the Work Plan on 23 and 26 February 2024 by mailing 468 letters to owners of CD Properties Remaining to be Sampled explaining the soil sampling program and inviting property owners to participate in the soil sampling program and the public meeting hosted by USEPA. On 14 March 2024, NIPSCO and their representatives attended the public meeting hosted by USEPA and provided opportunities for property owners to participate or decline participation in the soil sampling program. ETC also completed recruitment Attempt 2 per the Work Plan on 29 March 2024 by mailing 245 postcards to owners of CD Properties Remaining to be Sampled who did not respond to the Attempt 1 mailed letter. In early May 2024, ETC completed recruitment Attempt 3 per the Work Plan. This involved researching phone numbers and calling owners of CD Properties Remaining to be Sampled who did not respond to the Attempt 1 mailed letter or Attempt 2 postcard mailer.

On 10 May 2024, ETC mailed letters to owners of 15 CD Properties Remaining to be Sampled explaining the soil sampling program and inviting property owners to participate in the soil sampling program. These properties were previously visually inspected during the Remedial Investigation (RI) (circa 2007 to 2008) with no CCRs observed. These properties have always been categorized as “sampled” and have been exempted from eligibility for the property sampling program; however, the sampling protocol during that period did not include laboratory analysis of soil samples for properties where no CCRs were observed (that protocol was initiated as part of the Expanded Properties Sampling and Analysis Plan [SAP] Addendum in 2015). Those properties were therefore added to the outreach effort.

As of 31 May 2024, access for soil characterization sampling has been obtained for 126 properties, is pending for 86 properties (access agreements have been sent to interested owners), and was denied for 29 properties.

Work Completed

REMOVAL ACTION QUANTITIES

Types and quantities of materials disposed of off Site through the duration of the work are summarized in Table 2. The quantities of backfill, solid waste reused on Site, water consumed, diesel fuel consumed, and electricity consumed for the project are summarized in Table 3.

REMOVAL ACTION SAMPLE COLLECTION

Confirmatory Soil Samples

Confirmatory soil sampling was not necessary during the reporting period and there is no outstanding data at this time.

Air Monitoring

Construction-phase perimeter air monitoring was not necessary during the reporting period and there is no outstanding data at this time.

Off-Site Borrow Characterization

Soil samples for off-Site borrow characterization were not collected during the reporting period and there is no outstanding data at this time.

SOIL CHARACTERIZATION AT PRIVATE PROPERTIES

During May 2024, property access agreements were sent to owners of 26 properties. Property access was received for 43 properties during May 2024. The unsigned access agreements sent, and signed access agreements received during May 2024 are included as Attachment A to this progress report.

The status of soil characterization sampling at private properties sampled through this reporting period is summarized on Table 4. Sampling of properties for which signed access agreements have been received began on 24 April 2024 and continued through May 2024. During the May 2024 reporting period, 38 properties were visually inspected as summarized on Table 5; the inspections identified 25 Scenario 1 properties, eight Scenario 2 properties, and five Scenario 3 properties.

The sampling and remedial status of the properties within OU 2 as of 31 May 2024 is shown on Figure 1. The number of CD Properties Remaining to be Sampled is summarized in Table 4.

No validated sample results were received during this reporting period. Table 6 summarizes the validated analytical data (arsenic, lead, and thallium) for the properties that have undergone visual inspections and soil characterization sampling completed under AOC II, ASAOC, and the CD.

GROUNDWATER, SURFACE WATER, SEDIMENT AND PRIVATE WELL SAMPLING

The work plans for this task are currently under review by USEPA and the Indiana Department of Environmental Management (IDEM).

Problems Encountered

The owner of a small undeveloped parcel (GS046) requested soil characterization. Past attempts to sample this parcel were abandoned due to a property line dispute with the neighbor. Following consultation with USEPA, NIPSCO sent a letter to the neighboring owner providing the Porter County ownership records and notifying the neighboring owner that the parcel boundary would be surveyed by a licensed surveyor and then the parcel in question (GS046) would be sampled. That letter was mailed to the neighbor on 21 May 2024 and a copy was provided to USEPA via email.

Deviations or Modifications

The organizational chart developed for the Work Plan has been updated to reflect staff changes and is included as Figure 3 and updates the rolls for all project tasks.

Completed and Upcoming Deliverables per the Consent Decree

The following submittals were provided to USEPA under the CD during May 2024:

- Draft *Feasibility Study Appendix F2 Addendum Memorandum*: 9 May 2024;
- Draft Revision 01 *Groundwater, Surface Water, and Sediment Field Sampling Plan and Quality Assurance Project Plan for OU 2 RA Groundwater, Surface Water, and Sediment Component*: 16 May 2024; and
- Draft *Evaluation of Remedial Cleanup Level (RCL) for Lead in Response to the 2024 USEPA Updated Soil Lead Guidance*: 31 May 2024.

The following deliverables are due to USEPA in June and July 2024 under the CD. Each requirement is listed herein with its associated due date:

- *Final Feasibility Study Appendix F2 Addendum Memorandum: 28 June 2024.*

The project schedule, attached as Figure 2, has been updated to reflect the work completed and potential work to be completed during the upcoming two months.

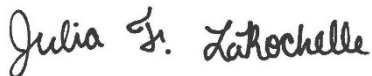
Potential Problems

None at this time.

Closing

Please do not hesitate to contact us if you have any questions or comments.

Sincerely yours,
HALEY & ALDRICH, INC.



Julia F. LaRochelle
Senior Engineer



William J. Haswell
Principal Consultant, IN P.E. 12000382

Enclosures:

- Table 1 – Status of ASAOE Completed Properties and CD Properties to be Remediated
- Table 2 – Disposal Quantities
- Table 3 – Estimated Backfill, Water, and Energy Quantities
- Table 4 – Status of Soil Characterization Sampling
- Table 5 – Summary of Visual Inspections and Sampling Activities
- Table 6 – Validated Soil Characterization Results (Through Current Reporting Period)

- Figure 1 – Status of Properties within Operable Unit (OU) 2 Remedial Action (RA) Soil Component (under separate cover; contains Personally Identifiable Information)
- Figure 2 – Remedial Design/Remedial Action Progress Schedule
- Figure 3 – Project Organizational Chart

- Attachment A – Access Agreements (included under separate cover; contains Personally Identifiable Information)

c: IDEM; Attn: Doug Petroff
Tetra Tech; Attn: Paul Pallardy
NIPSCO; Attn: Marc Okin, Dan Sullivan, and Justin Barrett
AECOM; Attn: Kristine Casper
ETC; Attn: Bethany Dale
Haley & Aldrich; Attn: Joanna Sebik and Jeffery Miller

https://haleyaldrich.sharepoint.com/sites/EXT-NIPSCO2/Shared Documents/Ext. Pines - Sampling Support and Reporting/Pines Progress Reports/09 - 05 MAY 2024 Progress Report/2024-0614-HAI-Pines-May 2024_Progress Report-F.docx

TABLES

TABLE 1
STATUS OF ASAOC COMPLETED PROPERTIES AND CD PROPERTIES TO BE REMEDIATED
 REMEDIAL DESIGN / REMEDIAL ACTION
 TOWN OF PINES SUPERFUND SITE
 OPERABLE UNIT 2
 TOWN OF PINES, INDIANA

ASAOC COMPLETED PROPERTIES AND CD PROPERTIES TO BE REMEDIATED	ACCESS	CONSTRUCTION STATUS
GS012	Purchased by NIPSCO Closed 6/17/2016	Complete
GS054		
GS013	Signed 2/2/17, Countersigned 2/8/17	Complete
GS014	Signed 5/27/16, Countersigned 5/31/16	Complete
GS023 ¹	Signed 7/14/17, Countersigned 7/14/17	Complete
GS028	No response to requests to discuss access	
GS030	Signed 7/29/16, Countersigned 7/29/16	Complete
GS042	Signed 5/25/16, Countersigned 5/31/16	Complete
GS037	Signed 5/25/16, Countersigned 6/03/16	Complete
GS043A	Signed 3/05/18, Countersigned 3/29/18	Complete
GS043B	Purchased by NIPSCO Closed 9/30/2016	Complete
GS052	Signed 7/21/16, Countersigned 7/26/16	Complete
GS072	On-Hold Pending Estate Probate	Not Started
GS073	Signed 3/21/19, Countersigned 3/25/19	Complete
GS081A	Signed 6/03/16, Countersigned 6/17/16	Complete
GS081B	Signed 7/27/16, Countersigned 7/29/16	Complete
GS082	Purchase & Sale Agreement Signed 5/31/17; Purchase by NIPSCO Closed 7/6/17	Complete
GS086A ²	Signed 10/28 and 10/29/16, Countersigned 10/31/16	Complete
GS086A - Additional Area ³	Signed 4/21/17, Countersigned 4/26/17	
GS089A	Signed 6/09/16, Countersigned 6/17/16	Complete
GS126	Signed 7/03/17, Countersigned 7/10/17	Complete

SUMMARY	
Properties to be Remediated	2
Properties where Removal Action is Planned	0
Properties where Removal Commenced	17
Properties where Removal Complete	17
Properties where Restoration Complete	17
Properties Completed with Institutional Controls	13

Notes:

1. Removal work at GS023 included target materials identified during work at GS013.
2. GS086 has been split into GS086A and GS086B following the transfer of a portion of the property to a new owner. GS086A is the portion of the property under new ownership.
3. The new owners of GS086A requested additional work at areas of the property where access was previously denied. Restoration (grading and hydroseeding) of the 2016 GS086A removal area was completed prior to the additional work at the property for the new owners.

TABLE 2**DISPOSAL QUANTITIES**

REMEDIAL DESIGN / REMEDIAL ACTION
 TOWN OF PINES SUPERFUND SITE
 OPERABLE UNIT 2
 TOWN OF PINES, INDIANA

ITEM	UNIT	REPORTING PERIOD	CUMULATIVE
Truckloads Sent Offsite	TRUCK	0	3,733
Target Material Disposed at Forest Lawn Landfill	TON	0	63,497
Target Material Disposed at Laraway Landfill	TON	0	0
Target Material Disposed at Prairie View Recycling and Disposal	TON	0	29,019
Solid Waste Recycled	TON	0	0
Debris Disposed Offsite	TON	0	169
Wastewater Disposed Offsite	GAL	0	0

Notes:

1. Forest Lawn Landfill is located in Three Oaks, Michigan.
2. Laraway Landfill is located in Joliet, Illinois.
3. Prairie View Recycling and Disposal is located in Wyatt, Indiana.

TABLE 3
ESTIMATED BACKFILL, WATER, AND ENERGY QUANTITIES
REMEDIAL DESIGN / REMEDIAL ACTION
TOWN OF PINES SUPERFUND SITE
OPERABLE UNIT 2
TOWN OF PINES, INDIANA

ITEM	UNIT	REPORTING PERIOD	CUMULATIVE
Clean Fill Delivered	CY	0	88,815
Solid Waste Reused Onsite	TON	0	0
Water Used Onsite	GAL	0	1,370,664
Fuel Used On-Site (Diesel)	GAL	0	17,607
Electricity Used Onsite	kWh	0	12,134

TABLE 4
STATUS OF SOIL CHARACTERIZATION SAMPLING
REMEDIAL DESIGN / REMEDIAL ACTION
TOWN OF PINES SUPERFUND SITE
OPERABLE UNIT 2
TOWN OF PINES, INDIANA

PROPERTY STATUS CATEGORY	PROPERTIES SAMPLED	CD PROPERTIES REMAINING TO BE SAMPLED	TOTALS
Total Properties Sampled	230	[N/A]	230
Results Pending	39	[N/A]	--
No Removal	172	[N/A]	--
Removal Required	19	[N/A]	--
Sampling Access Granted - Sampling Pending	[N/A]	87	87
Sampling Access Pending	[N/A]	86	86
Sampling Access Denied (Opted Out)	[N/A]	29	29
No Response	[N/A]	235	235
TOTAL PROPERTIES	230	437	667

Notes:

(a) Total numbers of Properties in the Sampling Program may vary as properties are sold, subdivided, or combined.

[N/A] Not Applicable

TABLE 5
SUMMARY OF VISUAL INSPECTIONS AND SAMPLING ACTIVITIES
REMEDIAL DESIGN / REMEDIAL ACTION
TOWN OF PINES SUPERFUND SITE
OPERABLE UNIT 2
TOWN OF PINES, INDIANA

PROPERTY	PROPERTY TYPE	VISUAL INSPECTION DATE	PROPERTY SAMPLING DATE	VALIDATED LABORATORY REPORTS RECEIVED	RESULTS LETTERS SUBMITTED TO AGENCIES	RESULTS LETTERS SUBMITTED TO OWNERS
GS228	Scenario 2	4/26/2024	4/26/2024	[none this period]	[none this period]	[none this period]
GS230	Scenario 3	4/25/2024	(a)	[none this period]	[none this period]	[none this period]
GS243	Scenario 2	4/24/2024	4/24/2024	[none this period]	[none this period]	[none this period]
GS249	Scenario 1	4/25/2024	4/25/2024	[none this period]	[none this period]	[none this period]
GS273	Scenario 1	4/24/2024	4/24/2024	[none this period]	[none this period]	[none this period]
GS292	Scenario 1	4/25/2024	4/25/2024	[none this period]	[none this period]	[none this period]
GS341	Scenario 1	4/25/2024	4/25/2024	[none this period]	[none this period]	[none this period]
GS139	Scenario 1	5/15/2024	5/15/2024	[none this period]	[none this period]	[none this period]
GS223	Scenario 1	5/15/2024	5/15/2024	[none this period]	[none this period]	[none this period]
GS225	Scenario 3	5/16/2024	(b)	[none this period]	[none this period]	[none this period]
GS229	Scenario 1	5/14/2024	5/14/2024	[none this period]	[none this period]	[none this period]
GS241	Scenario 1	5/16/2024	5/16/2024	[none this period]	[none this period]	[none this period]
GS244	Scenario 3	5/28/2024	(b)	[none this period]	[none this period]	[none this period]
GS250	Scenario 1	5/14/2024	5/14/2024	[none this period]	[none this period]	[none this period]
GS251	Scenario 1	5/28/2024	5/28/2024	[none this period]	[none this period]	[none this period]
GS252	Scenario 1	5/28/2024	5/28/2024	[none this period]	[none this period]	[none this period]
GS254	Scenario 1	5/29/2024	5/29/2024	[none this period]	[none this period]	[none this period]
GS256	Scenario 1	5/14/2024	5/14/2024	[none this period]	[none this period]	[none this period]
GS257	Scenario 1	5/16/2024	5/16/2024	[none this period]	[none this period]	[none this period]
GS258	Scenario 3	5/17/2024	(b)	[none this period]	[none this period]	[none this period]
GS259	Scenario 2	5/15 & 17/2024	5/15/2024	[none this period]	[none this period]	[none this period]
GS264	Scenario 1	5/13/2024	5/13/2024	[none this period]	[none this period]	[none this period]
GS265	Scenario 1	5/28/2024	5/28/2024	[none this period]	[none this period]	[none this period]
GS272	Scenario 2	5/17/2024	5/17/2024	[none this period]	[none this period]	[none this period]
GS280	Scenario 2	5/13/2024	5/13/2024	[none this period]	[none this period]	[none this period]
GS282	Scenario 2	5/15/2024	5/15/2024	[none this period]	[none this period]	[none this period]
GS290	Scenario 1	5/30/2024	5/30/2024	[none this period]	[none this period]	[none this period]
GS294	Scenario 2	5/29/2024	5/29/2024	[none this period]	[none this period]	[none this period]
GS295	Scenario 2	5/29/2024	5/29/2024	[none this period]	[none this period]	[none this period]
GS296	Scenario 1	5/29/2024	5/29/2024	[none this period]	[none this period]	[none this period]
GS297	Scenario 2	5/15/2024	5/15/2024	[none this period]	[none this period]	[none this period]
GS299	Scenario 3	5/31/2024	(b)	[none this period]	[none this period]	[none this period]
GS302	Scenario 1	5/30/2024	5/30/2024	[none this period]	[none this period]	[none this period]
GS314	Scenario 1	5/30/2024	5/30/2024	[none this period]	[none this period]	[none this period]
GS321	Scenario 1	5/16/2024	5/16/2024	[none this period]	[none this period]	[none this period]
GS340	Scenario 3	5/13/2024	(b)	[none this period]	[none this period]	[none this period]
GS342	Scenario 1	5/30/2024	5/30/2024	[none this period]	[none this period]	[none this period]

TABLE 5
SUMMARY OF VISUAL INSPECTIONS AND SAMPLING ACTIVITIES
REMEDIAL DESIGN / REMEDIAL ACTION
TOWN OF PINES SUPERFUND SITE
OPERABLE UNIT 2
TOWN OF PINES, INDIANA

PROPERTY	PROPERTY TYPE	VISUAL INSPECTION DATE	PROPERTY SAMPLING DATE	VALIDATED LABORATORY REPORTS RECEIVED	RESULTS LETTERS SUBMITTED TO AGENCIES	RESULTS LETTERS SUBMITTED TO OWNERS
GS343	Scenario 1	5/30/2024	5/30/2024	[none this period]	[none this period]	[none this period]
GS346	Scenario 1	5/28/2024	5/28/2024	[none this period]	[none this period]	[none this period]
GS356	Scenario 1	5/29/2024	5/29/2024	[none this period]	[none this period]	[none this period]
GS357	Scenario 1	5/31/2024	5/31/2024	[none this period]	[none this period]	[none this period]
GS382	Scenario 1	5/31/2024	5/31/2024	[none this period]	[none this period]	[none this period]
GS388	Scenario 1	5/29/2024	5/29/2024	[none this period]	[none this period]	[none this period]
GS402	Scenario 2	5/31/2024	5/31/2024	[none this period]	[none this period]	[none this period]
GS411	Scenario 1	5/30/2024	5/30/2024	[none this period]	[none this period]	[none this period]

Notes:

During the current reporting period, 38 properties were visually inspected:

- 8 were Scenario 2;
- 5 were Scenario 3.

During the current reporting period, no Scenario 3 properties were sampled.

- (a) Visually inspected during a prior reporting period; Scenario 3 sampling to be scheduled; notification will be made at least two weeks in advance of scheduled work.
- (b) Visually inspected during this reporting period; Scenario 3 sampling to be scheduled; notification will be made at least two weeks in advance of scheduled work.

No activity this reporting period.

TABLE 6
VALIDATED PROPERTY SOIL CHARACTERIZATION RESULTS
REMEDIAL DESIGN / REMEDIAL ACTION
TOWN OF PINES SUPERFUND SITE
OPERABLE UNIT 2
TOWN OF PINES, INDIANA

PROPERTY ID	SAMPLE ID	SAMPLE DATE	ANALYTE: UNITS: SAMPLE TYPE	ARSENIC	LEAD	THALLIUM
				mg/kg	mg/kg	mg/kg
GS011	GS011QASS052115X	5/21/2015	N	13.5	67.5	0.317
GS011	GS011QASS052115Z	5/21/2015	N	8.88	54.6	0.314
GS011	GS011QANS052115S	5/21/2015	N	3.64	11.9	0.142
GS011	GS011QANS052115X	5/21/2015	N	4.90	14.3	0.162
GS011	GS011QANS052115Z	5/21/2015	N	2.55	8.26	0.074
GS011	GS011QASB052115S	5/21/2015	N	1.31	6.62	0.037
GS011	GS011QASB052115X	5/21/2015	N	1.21	2.19	0.024 U
GS011	GS011QASB052115Z	5/21/2015	N	1.31	2.99	0.024 U
GS011	GS011QBSS052115S	5/21/2015	N	11.1	21.1	0.612
GS011	GS011QBNS052115S	5/21/2015	N	23.9	21.3	0.995
GS011	GS011QBSB052115S	5/21/2015	N	1.33	5.16	0.029 U
GS011	GS011QCSS052115S	5/21/2015	N	22.1	37.1	0.516
GS011	GS011QCSS052115D	5/21/2015	FD	22.5	31.1	0.492
GS011	GS011QCNS052115S	5/21/2015	N	6.84	15.6	0.125
GS011	GS011QCSB052115S	5/21/2015	N	1.26	2.72	0.030
GS011	GS011QDSS052115S	5/21/2015	N	6.20	26.3	0.140
GS011	GS011QDNS052115S	5/21/2015	N	4.29	12.4	0.128
GS011	GS011QDSB052115S	5/21/2015	N	1.28	2.64	0.028 U
GS012 (P14)	P14QASS111814S	11/18/2014	N	91.7 J	NA	2.20 J
GS012 (P14)	P14QANS111814S	11/18/2014	N	52.3 J	NA	1.30 J
GS012 (P14)	P14QASB111814S	11/18/2014	N	2.80 J	NA	0.148 J
GS012 (P14)	P14QBSS111814S	11/18/2014	N	56.5 J	NA	1.90 J
GS012 (P14)	P14QBNS111814S	11/18/2014	N	341 J	NA	7.20 J
GS012 (P14)	P14QBNS111814D	11/18/2014	FD	249 J	NA	5.10 J
GS012 (P14)	P14QBSB111814S	11/18/2014	N	87.8 J	NA	4.20 J
GS012 (P14)	P14QCSS111814S	11/18/2014	N	272 J	NA	5.40 J
GS012 (P14)	P14QCNS111814S	11/18/2014	N	501 J	NA	11.3 J
GS012 (P14)	P14QCSB111814S	11/18/2014	N	477 J	NA	7.30 J
GS012 (P14)	P14QDSS111814S	11/18/2014	N	251 J	NA	6.80 J
GS012 (P14)	P14QDNS111814S	11/18/2014	N	484	NA	9.30 J+
GS012 (P14)	P14QDSB111814S	11/18/2014	N	888	NA	8.60 J
GS012 (P14)	P14QGSS111814S	11/18/2014	N	288	NA	3.60 J+
GS012 (P14)	P14QGNS111814S	11/18/2014	N	370	NA	7.60 J+
GS012 (P14)	P14QGSB111814S	11/18/2014	N	449	NA	9.30 J+
GS013	GS013QASS052015S	5/20/2015	N	3.42 J	21.7 J	0.107 J
GS013	GS013QANS052015S	5/20/2015	N	2.19 J	7.65 J	0.059 J
GS013	GS013QASB052015S	5/20/2015	N	0.980 J	4.65 J	0.023 J
GS013	GS013QBSS052015S	5/20/2015	N	156 J	124 J	4.62 J
GS013	GS013QBNS052015S	5/20/2015	N	329 J	222 J	7.61 J
GS013	GS013QCSS052015S	5/20/2015	N	10.9 J	70.3 J	0.305 J
GS013	GS013QCNS052015S	5/20/2015	N	7.60 J	10.9 J	0.172 J
GS013	GS013QDSS052015S	5/20/2015	N	136 J	121 J	3.45 J

TABLE 6
VALIDATED PROPERTY SOIL CHARACTERIZATION RESULTS
REMEDIAL DESIGN / REMEDIAL ACTION
 TOWN OF PINES SUPERFUND SITE
 OPERABLE UNIT 2
 TOWN OF PINES, INDIANA

PROPERTY ID	SAMPLE ID	SAMPLE DATE	ANALYTE: UNITS: SAMPLE TYPE	ARSENIC	LEAD	THALLIUM
				mg/kg	mg/kg	mg/kg
GS013	GS013QDSS052015D	5/20/2015	FD	130 J	120 J	3.40 J
GS013	GS013QDNS052015S	5/20/2015	N	121 J	92.0 J	3.52 J
GS013	GS013QGSS052015S	5/20/2015	N	5.78 J	10.7 J	0.130 J
GS013	GS013QGNS052015S	5/20/2015	N	1.88 J	5.51 J	0.050 J
GS013	GS013QGSB052015S	5/20/2015	N	1.57 J	16.5 J	0.054 J
GS014 (P35)	P35QASS112014S	11/20/2014	N	432 J	NA	8.90 J
GS014 (P35)	P35QANS112014S	11/20/2014	N	418 J	NA	9.00 J
GS014 (P35)	P35QASB112014S	11/20/2014	N	305 J	NA	6.00 J
GS014 (P35)	P35QBSS112014S	11/20/2014	N	93.6 J	NA	1.20 UJ
GS014 (P35)	P35QBNS112014S	11/20/2014	N	257 J	NA	8.30 J
GS014 (P35)	P35QBSB112014S	11/20/2014	N	358 J	NA	8.20 J
GS014 (P35)	P35QCSS112014S	11/20/2014	N	308 J	NA	7.10 J
GS014 (P35)	P35QCNS112014S	11/20/2014	N	389 J	NA	7.50 J
GS014 (P35)	P35QCNS112014D	11/20/2014	FD	355 J	NA	9.50 J
GS014 (P35)	P35QCSB112014D	11/20/2014	N	429 J	NA	4.70 J
GS014 (P35)	P35QDSS112014S	11/20/2014	N	108 J	NA	2.50 J
GS014 (P35)	P35QDNS112014S	11/20/2014	N	110 J	NA	2.80 J
GS014 (P35)	P35QDSB112014S	11/20/2014	N	27.3 J	NA	1.60 J
GS014 (P35)	P35QPSS112014S	11/20/2014	N	501 J	NA	9.80 J
GS014 (P35)	P35QPNS112014S	11/20/2014	N	620 J	NA	12.1 J
GS014 (P35)	P35QPSB112014S	11/20/2014	N	459 J	NA	8.50 J
GS015	GS015QASS052815S	5/28/2015	N	1.61	11.3	0.036 U
GS015	GS015QANS052815S	5/28/2015	N	1.02	2.02	0.017 U
GS015	GS015QASB052815S	5/28/2015	N	1.22	1.53	0.018 U
GS015	GS015QBSS052815S	5/28/2015	N	2.20	35.2	0.079
GS015	GS015QBNS052815S	5/28/2015	N	1.87	14.9	0.073
GS015	GS015QBSB052815S	5/28/2015	N	0.620	3.60	0.025 U
GS015	GS015QCSS052815S	5/28/2015	N	1.19	3.68	0.020 U
GS015	GS015QCSS052815D	5/28/2015	FD	1.19	3.69	0.020 U
GS015	GS015QCNS052815S	5/28/2015	N	1.10	3.89	0.033 U
GS015	GS015QDSS052815S	5/28/2015	N	13.2	21.8	0.736
GS015	GS015QDNS052815S	5/28/2015	N	3.58	12.1	0.184
GS016	GS016QASS052915S	5/29/2015	N	6.48	38.4	0.318 J
GS016	GS016QASS052915D	5/29/2015	FD	4.77	39.6	0.221 J
GS016	GS016QANS052915S	5/29/2015	N	3.15	20.9	0.094
GS016	GS016QBSS052915S	5/29/2015	N	2.44	123	0.058
GS016	GS016QBNS052915S	5/29/2015	N	1.58	27.2	0.039 U
GS016	GS016QBSB052915S	5/29/2015	N	1.35	1.99	0.018 U
GS016	GS016QCSS052915S	5/29/2015	N	2.86	48.2	0.040 U
GS016	GS016QCNS052915S	5/29/2015	N	2.07	13.1	0.024 U
GS016	GS016QCSB052915S	5/29/2015	N	0.990	1.10	0.013 U
GS016	GS016QDSS052915S	5/29/2015	N	4.07	21.8	0.185

TABLE 6
VALIDATED PROPERTY SOIL CHARACTERIZATION RESULTS
REMEDIAL DESIGN / REMEDIAL ACTION
TOWN OF PINES SUPERFUND SITE
OPERABLE UNIT 2
TOWN OF PINES, INDIANA

PROPERTY ID	SAMPLE ID	SAMPLE DATE	ANALYTE: UNITS: SAMPLE TYPE	ARSENIC	LEAD	THALLIUM
				mg/kg	mg/kg	mg/kg
GS016	GS016QDNS052915S	5/29/2015	N	2.15	14.2	0.044 U
GS016	GS016QDSB052915S	5/29/2015	N	0.950	1.94	0.021 U
GS016	GS016QGSS052915S	5/29/2015	N	3.38	95.6	0.092
GS016	GS016QGNS052915S	5/29/2015	N	1.96	19.9	0.051 U
GS016	GS016QGSB052915S	5/29/2015	N	0.880	1.43	0.021 U
GS016	GS016QZSS052915S	5/29/2015	N	6.50	27.3	0.319
GS016	GS016QZNS052915S	5/29/2015	N	2.22	15.4	0.039 U
GS016	GS016QZSB052915S	5/29/2015	N	1.03	1.69	0.023 U
GS017 (P15)	P15QASS111914S	11/19/2014	N	23.7	NA	1.00 J
GS017 (P15)	P15QANS111914S	11/19/2014	N	12.1	NA	0.741 UJ
GS017 (P15)	P15QASB111914S	11/19/2014	N	2.90	NA	0.731 UJ
GS017 (P15)	P15QBSS111914S	11/19/2014	N	4.70	NA	0.532 UJ
GS017 (P15)	P15QBNS111914S	11/19/2014	N	1.90 U	NA	0.518 UJ
GS017 (P15)	P15QBNS111914D	11/19/2014	FD	1.60	NA	0.577 U
GS017 (P15)	P15QBSB111914S	11/19/2014	N	0.917 J	NA	0.506 U
GS017 (P15)	P15QCSS111914S	11/19/2014	N	2.40 J	NA	0.575 U
GS017 (P15)	P15QCNS111914S	11/19/2014	N	1.70 J	NA	0.571 U
GS017 (P15)	P15QCSB111914S	11/19/2014	N	0.401 J	NA	0.601 UJ
GS017 (P15)	P15QDSS111914S	11/19/2014	N	2.30	NA	0.600 U
GS017 (P15)	P15QDNS111914S	11/19/2014	N	0.987	NA	0.614 U
GS017 (P15)	P15QDSB111914S	11/19/2014	N	0.872 J	NA	0.497 UJ
GS018	GS018QASS060315S	6/3/2015	N	1.62	9.75	0.027 U
GS018	GS018QASS060315X	6/3/2015	N	2.40	12.7	0.068
GS018	GS018QASS060315Z	6/3/2015	N	4.17	15.4	0.072
GS018	GS018QANS060315S	6/3/2015	N	4.93	14.0	0.281
GS018	GS018QANS060315X	6/3/2015	N	1.62	5.27	0.024 U
GS018	GS018QANS060315Z	6/3/2015	N	1.72	7.51	0.048 U
GS018	GS018QASB060315S	6/3/2015	N	1.28	2.37	0.018 U
GS018	GS018QASB060315X	6/3/2015	N	1.21	1.57	0.019 U
GS018	GS018QASB060315Z	6/3/2015	N	1.26	1.79	0.018 U
GS018	GS018QBSS060315S	6/3/2015	N	1.48	9.34	0.024 U
GS018	GS018QBNS060315S	6/3/2015	N	1.20	3.74	0.061 U
GS018	GS018QCSS060315S	6/3/2015	N	2.99	33.5	0.025 U
GS018	GS018QCNS060315S	6/3/2015	N	2.88	63.2	0.030 U
GS018	GS018QDSS060315S	6/3/2015	N	1.16	10.6	0.034 U
GS018	GS018QDSS060315X	6/3/2015	N	1.38	20.2	0.029 U
GS018	GS018QDSS060315Z	6/3/2015	N	1.40	18.6	0.028 U
GS018	GS018QDSS060315D	6/3/2015	FD	1.31	12.2	0.033 U
GS018	GS018QDNS060315S	6/3/2015	N	1.39	11.4	0.028 U
GS018	GS018QDNS060315X	6/3/2015	N	1.34	17.4	0.028 U
GS018	GS018QDNS060315Z	6/3/2015	N	1.46	8.86	0.027 U
GS019	GS019QASS052715S	5/27/2015	N	2.57 J	21.5	0.067

TABLE 6
VALIDATED PROPERTY SOIL CHARACTERIZATION RESULTS
REMEDIAL DESIGN / REMEDIAL ACTION
TOWN OF PINES SUPERFUND SITE
OPERABLE UNIT 2
TOWN OF PINES, INDIANA

PROPERTY ID	SAMPLE ID	SAMPLE DATE	ANALYTE: UNITS: SAMPLE TYPE	ARSENIC	LEAD	THALLIUM
				mg/kg	mg/kg	mg/kg
GS019	GS019QANS052715S	5/27/2015	N	1.24 J	5.76	0.038 U
GS019	GS019QASB052715S	5/27/2015	N	1.10 J	1.96	0.025 U
GS019	GS019QBSS052715S	5/27/2015	N	3.36 J	21.7	0.082
GS019	GS019QBNS052715S	5/27/2015	N	1.99 J	17.3	0.047
GS019	GS019QBSB052715S	5/27/2015	N	1.23 J	1.58	0.020 U
GS019	GS019QCSS052715S	5/27/2015	N	2.84 J	56.2	0.079
GS019	GS019QCNS052715S	5/27/2015	N	1.16 J	1.93	0.020 U
GS019	GS019QCNS052715D	5/27/2015	FD	1.08 J	1.91	0.020 U
GS019	GS019QDSS052715S	5/27/2015	N	4.52 J	12.7	0.339
GS019	GS019QDNS052715S	5/27/2015	N	12.5 J	17.2	0.925
GS019	GS019QDSB052715S	5/27/2015	N	1.09 J	1.91	0.032 U
GS020	GS020QASS052815S	5/28/2015	N	3.28	10.5	0.082 J
GS020	GS020QANS052815S	5/28/2015	N	3.05	9.87	0.123 J
GS020	GS020QASB052815S	5/28/2015	N	1.38	3.05	0.042 U
GS020	GS020QBSS052815S	5/28/2015	N	4.62	12.7	0.058 U
GS020	GS020QBNS052815S	5/28/2015	N	1.67	8.43	0.033 U
GS020	GS020QCSS052815S	5/28/2015	N	4.41	24.6	0.091 J
GS020	GS020QCSS052815X	5/28/2015	N	4.16	28.5	0.115 J
GS020	GS020QCSS052815Z	5/28/2015	N	7.87	18.9	0.096 J
GS020	GS020QCNS052815S	5/28/2015	N	2.28	13.0	0.076 J
GS020	GS020QCNS052815X	5/28/2015	N	2.55	14.0	0.068 J
GS020	GS020QCNS052815Z	5/28/2015	N	2.53	17.4	0.082 J
GS020	GS020QCNS052815D	5/28/2015	FD	2.32	9.68	0.060 U
GS020	GS020QDSS052815S	5/28/2015	N	3.20	28.4	0.077 J
GS020	GS020QDNS052815S	5/28/2015	N	2.05	5.03	0.043 U
GS021	GS021QASS060315S	6/3/2015	N	5.01 J	15.9 J	0.160 J
GS021	GS021QASS060315X	6/3/2015	N	5.14 J	13.9 J	0.135 J
GS021	GS021QASS060315Z	6/3/2015	N	3.70 J	14.4 J	0.104 J
GS021	GS021QANS060315S	6/3/2015	N	1.86 J	6.12 J	0.058 U
GS021	GS021QANS060315X	6/3/2015	N	1.70 J	8.70 J	0.036 U
GS021	GS021QANS060315Z	6/3/2015	N	1.21 J	2.95 J	0.018 U
GS021	GS021QANS060315D	6/3/2015	FD	3.24 J	11.4 J	0.134 J
GS021	GS021QASB060315S	6/3/2015	N	1.13 J	1.52 J	0.018 U
GS021	GS021QASB060315X	6/3/2015	N	1.04 J	0.940 J	0.017 U
GS021	GS021QASB060315Z	6/3/2015	N	1.15 J	3.00 J	0.017 U
GS021	GS021QBSS060315S	6/3/2015	N	2.38	10.2 J	0.046 U
GS021	GS021QBNS060315S	6/3/2015	N	1.73	3.60 J	0.053 U
GS021	GS021QBSB060315S	6/3/2015	N	1.35	3.86 J	0.061 U
GS021	GS021QCSS060315S	6/3/2015	N	4.84 J	18.6 J	0.130 J
GS021	GS021QCNS060315S	6/3/2015	N	1.35 J	4.37 J	0.019 U
GS021	GS021QCSB060315S	6/3/2015	N	1.15	2.15 J	0.026 U
GS021	GS021QDSS060315S	6/3/2015	N	6.91 J	22.7 J	0.198 J

TABLE 6
VALIDATED PROPERTY SOIL CHARACTERIZATION RESULTS
REMEDIAL DESIGN / REMEDIAL ACTION
TOWN OF PINES SUPERFUND SITE
OPERABLE UNIT 2
TOWN OF PINES, INDIANA

PROPERTY ID	SAMPLE ID	SAMPLE DATE	ANALYTE: UNITS: SAMPLE TYPE	ARSENIC	LEAD	THALLIUM
				mg/kg	mg/kg	mg/kg
GS021	GS021QDSS060315X	6/3/2015	N	5.61 J	18.6 J	0.161 J
GS021	GS021QDSS060315Z	6/3/2015	N	6.87 J	22.5 J	0.184 J
GS021	GS021QDNS060315S	6/3/2015	N	1.15 J	1.11 J	0.016 U
GS021	GS021QDNS060315X	6/3/2015	N	1.21 J	2.48 J	0.016 U
GS021	GS021QDNS060315Z	6/3/2015	N	1.28 J	3.27 J	0.018 U
GS021	GS021QDSB060315S	6/3/2015	N	1.29 J	1.71 J	0.017 U
GS021	GS021QDSB060315X	6/3/2015	N	1.06 J	2.51 J	0.017 U
GS021	GS021QDSB060315Z	6/3/2015	N	1.20	2.49 J	0.018 U
GS022	GS022QASS060315S	6/3/2015	N	2.90	15.2	0.130 J+
GS022	GS022QASS060315X	6/3/2015	N	2.81	12.7	0.124 J+
GS022	GS022QASS060315Z	6/3/2015	N	2.48	12.1	0.088 J+
GS022	GS022QANS060315S	6/3/2015	N	1.41	3.01	0.037 U
GS022	GS022QANS060315X	6/3/2015	N	1.12	2.89	0.017 U
GS022	GS022QANS060315Z	6/3/2015	N	2.29	3.97	0.085 J+
GS022	GS022QASB060315S	6/3/2015	N	0.980	0.950	0.019 U
GS022	GS022QASB060315X	6/3/2015	N	1.01	0.990	0.018 U
GS022	GS022QASB060315Z	6/3/2015	N	1.00	0.940	0.017 U
GS022	GS022QBSS060315S	6/3/2015	N	2.63	17.4	0.117 J+
GS022	GS022QBNS060315S	6/3/2015	N	1.99	4.79	0.028 U
GS022	GS022QBSB060315S	6/3/2015	N	1.18	1.43	0.034 U
GS022	GS022QCSS060315S	6/3/2015	N	1.44	8.92	0.040 U
GS022	GS022QCNS060315S	6/3/2015	N	1.09	1.00	0.016 U
GS022	GS022QDSS060315S	6/3/2015	N	2.03	11.5	0.043 U
GS022	GS022QDNS060315S	6/3/2015	N	1.13	26.8 J	0.019 U
GS022	GS022QDNS060315D	6/3/2015	FD	1.23	12.9 J	0.017 U
GS022	GS022QDSB060315S	6/3/2015	N	1.01	2.88	0.017 U
GS022	GS022QZSS060315S	6/3/2015	N	2.08	8.32	0.060 U
GS022	GS022QZNS060315S	6/3/2015	N	1.27	2.47	0.026 U
GS022	GS022QZSB060315S	6/3/2015	N	0.980	0.900	0.036 U
GS023	GS023QASS051915S	5/19/2015	N	9.62	100	0.168 J+
GS023	GS023QANS051915S	5/19/2015	N	1.28 J	2.05	0.092 U
GS023	GS023QBSS051915S	5/19/2015	N	2.06	7.48	0.076 U
GS023	GS023QBNS051915S	5/19/2015	N	1.43 J	3.45	0.079 U
GS023	GS023QCSS051915S	5/19/2015	N	3.31	21.1	0.128 J+
GS023	GS023QCNS051915S	5/19/2015	N	1.22 J	2.07	0.086 U
GS023	GS023QDSS051915S	5/19/2015	N	3.02	17.4	0.126 J+
GS023	GS023QDSS051915D	5/19/2015	FD	2.94	16.6	0.110 J+
GS023	GS023QDNS051915S	5/19/2015	N	1.30	2.72	0.042 U
GS024	GS024QASS060215S	6/2/2015	N	5.11	21.8 J	0.320 J+
GS024	GS024QANS060215S	6/2/2015	N	6.37	38.1 J	0.248 J+
GS024	GS024QASB060215S	6/2/2015	N	1.09	2.62 J	0.029 U
GS024	GS024QBSS060215S	6/2/2015	N	3.18	23.5 J	0.083 U

TABLE 6
VALIDATED PROPERTY SOIL CHARACTERIZATION RESULTS
REMEDIAL DESIGN / REMEDIAL ACTION
 TOWN OF PINES SUPERFUND SITE
 OPERABLE UNIT 2
 TOWN OF PINES, INDIANA

PROPERTY ID	SAMPLE ID	SAMPLE DATE	ANALYTE: UNITS: SAMPLE TYPE	ARSENIC	LEAD	THALLIUM
				mg/kg	mg/kg	mg/kg
GS024	GS024QBNS060215S	6/2/2015	N	2.02	17.3 J	0.081 J+
GS024	GS024QCSS060215S	6/2/2015	N	3.23	27.4 J	0.075 J+
GS024	GS024QCSS060215X	6/2/2015	N	3.05	32.0 J	0.088 J+
GS024	GS024QCSS060215Z	6/2/2015	N	4.73	22.1 J	0.128 J+
GS024	GS024QCNS060215S	6/2/2015	N	1.55	4.46 J	0.033 U
GS024	GS024QCNS060215X	6/2/2015	N	1.53	3.18 J	0.029 U
GS024	GS024QCNS060215Z	6/2/2015	N	1.32	2.65 J	0.025 U
GS024	GS024QDSS060215S	6/2/2015	N	7.02	49.8 J	0.140 J+
GS024	GS024QDSS060215D	6/2/2015	FD	7.22	36.2 J	0.140 J+
GS024	GS024QDNS060215S	6/2/2015	N	1.47	4.40 J	0.032 U
GS025	GS025QASS052915S	5/29/2015	N	2.12	17.3	0.084
GS025	GS025QANS052915S	5/29/2015	N	1.13	2.37	0.018 U
GS025	GS025QBSS052915S	5/29/2015	N	0.970	3.87	0.032 U
GS025	GS025QBNS052915S	5/29/2015	N	1.33	8.22	0.032
GS025	GS025QBSB052915S	5/29/2015	N	2.66	11.8	0.065
GS025	GS025QCSS052915S	5/29/2015	N	1.65	7.63	0.035 U
GS025	GS025QCNS052915S	5/29/2015	N	1.20	1.73	0.021 U
GS025	GS025QCNS052915D	5/29/2015	FD	1.15	1.59	0.018 U
GS025	GS025QDSS052915S	5/29/2015	N	2.67	15.9	0.083
GS025	GS025QDNS052915S	5/29/2015	N	0.770	2.92	0.024 U
GS025	GS025QDSB052915S	5/29/2015	N	0.680	1.74	0.025 U
GS026	GS026QASS060415S	6/4/2015	N	11.7	2,000	0.383
GS026	GS026QANS060415S	6/4/2015	N	2.40	218	0.047 U
GS026	GS026QASB060415S	6/4/2015	N	1.53	177	0.032 U
GS026	GS026QBSS060415S	6/4/2015	N	4.03	80.1	0.102
GS026	GS026QBNS060415S	6/4/2015	N	2.47	36.3	0.060 U
GS026	GS026QBSB060415S	6/4/2015	N	1.09	2.76	0.016 U
GS026	GS026QCSS060415S	6/4/2015	N	2.66	67.1	0.062 U
GS026	GS026QCNS060415S	6/4/2015	N	1.76	19.3 J	0.040 U
GS026	GS026QCNS060415D	6/4/2015	FD	1.60	29.0 J	0.035 U
GS026	GS026QCSB060415S	6/4/2015	N	1.46	5.78	0.031 U
GS026	GS026QDSS060415S	6/4/2015	N	2.93	34.0	0.098
GS026	GS026QDNS060415S	6/4/2015	N	1.84	12.2	0.036 U
GS026	GS026QDSB060415S	6/4/2015	N	1.29	1.53	0.029 U
GS027	GS027QASS060115S	6/1/2015	N	2.39	23.5	0.086
GS027	GS027QASS060115X	6/1/2015	N	2.03	12.7	0.052 U
GS027	GS027QASS060115Z	6/1/2015	N	2.08	27.2	0.050
GS027	GS027QANS060115S	6/1/2015	N	1.15	1.58	0.029 U
GS027	GS027QANS060115X	6/1/2015	N	1.33	2.69	0.032 U
GS027	GS027QANS060115Z	6/1/2015	N	1.15	2.15	0.023 U
GS027	GS027QBSS060115S	6/1/2015	N	3.31	14.5	0.068
GS027	GS027QBNS060115S	6/1/2015	N	1.28	3.18	0.021 U

TABLE 6
VALIDATED PROPERTY SOIL CHARACTERIZATION RESULTS
REMEDIAL DESIGN / REMEDIAL ACTION
TOWN OF PINES SUPERFUND SITE
OPERABLE UNIT 2
TOWN OF PINES, INDIANA

PROPERTY ID	SAMPLE ID	SAMPLE DATE	ANALYTE: UNITS: SAMPLE TYPE	ARSENIC	LEAD	THALLIUM
				mg/kg	mg/kg	mg/kg
GS027	GS027QCSS060115S	6/1/2015	N	6.54	20.2	0.098
GS027	GS027QCNS060115S	6/1/2015	N	1.33	2.52	0.021 U
GS027	GS027QDSS060115S	6/1/2015	N	5.24	15.6	0.148
GS027	GS027QDNS060115S	6/1/2015	N	1.46	2.90	0.023 U
GS027	GS027QDNS060115D	6/1/2015	FD	1.60	3.07	0.027 U
GS028	GS028QASS052015S	5/20/2015	N	5.59	16.5	0.072
GS028	GS028QASS052015X	5/20/2015	N	8.80	23.8	0.107
GS028	GS028QASS052015Z	5/20/2015	N	5.79	25.5	0.073
GS028	GS028QANS052015S	5/20/2015	N	1.60	5.22	0.026
GS028	GS028QANS052015X	5/20/2015	N	1.17	1.72	0.016 J
GS028	GS028QANS052015Z	5/20/2015	N	3.04	12.9	0.039
GS028	GS028QASB052015S	5/20/2015	N	1.21	1.20	0.010 J
GS028	GS028QASB052015X	5/20/2015	N	1.29	1.41	0.012 J
GS028	GS028QASB052015Z	5/20/2015	N	1.27	1.39	0.012 J
GS028	GS028QBSS052115S	5/21/2015	N	6.30	24.1	0.085
GS028	GS028QBNS052115S	5/21/2015	N	54.0	77.4	1.57
GS028	GS028QBSB052115S	5/21/2015	N	1.72	3.07	0.030
GS028	GS028QCSS052015S	5/20/2015	N	3.45	44.2 J	0.080
GS028	GS028QCSS052015D	5/20/2015	FD	3.90	19.1 J	0.044
GS028	GS028QCNS052015S	5/20/2015	N	5.07	28.4	0.090
GS028	GS028QCSB052015S	5/20/2015	N	2.80	6.87	0.027
GS028	GS028QDSS052115S	5/21/2015	N	19.3	22.0	0.128
GS028	GS028QDNS052115S	5/21/2015	N	6.36	69.3	0.092
GS028	GS028QDSB052115S	5/21/2015	N	4.62	81.1	0.047
GS028	GS028QGSS052015S	5/20/2015	N	3.62	8.59	0.116
GS028	GS028QGNS052015S	5/20/2015	N	1.92	4.70	0.026
GS028	GS028QGSB052015S	5/20/2015	N	1.29	3.01	0.019
GS028	GS028QPSS052115S	5/21/2015	N	3.75	10.1	0.029 U
GS028	GS028QPNS052115S	5/21/2015	N	3.13	11.5	0.041
GS028	GS028QPSB052115S	5/21/2015	N	6.01	21.2	0.062
GS029	GS029QASS060215S	6/2/2015	N	2.17	10.5 J	0.041 U
GS029	GS029QANS060215S	6/2/2015	N	0.640	2.36 J	0.026 U
GS029	GS029QASB060215S	6/2/2015	N	0.490	0.790 J	0.020 U
GS029	GS029QBSS060215S	6/2/2015	N	2.31	24.2 J	0.063 U
GS029	GS029QBSS060215X	6/2/2015	N	2.15	31.0 J	0.060 U
GS029	GS029QBSS060215Z	6/2/2015	N	2.79	20.6 J	0.079
GS029	GS029QBNS060215S	6/2/2015	N	1.22	6.09 J	0.032 U
GS029	GS029QBNS060215X	6/2/2015	N	1.24	10.4 J	0.029 U
GS029	GS029QBNS060215Z	6/2/2015	N	1.22	5.99 J	0.036 U
GS029	GS029QBSB060215S	6/2/2015	N	0.630	1.18 J	0.018 U
GS029	GS029QBSB060215X	6/2/2015	N	0.770	1.23 J	0.021 U
GS029	GS029QBSB060215Z	6/2/2015	N	0.820	2.01 J	0.020 U

TABLE 6
VALIDATED PROPERTY SOIL CHARACTERIZATION RESULTS
REMEDIAL DESIGN / REMEDIAL ACTION
TOWN OF PINES SUPERFUND SITE
OPERABLE UNIT 2
TOWN OF PINES, INDIANA

PROPERTY ID	SAMPLE ID	SAMPLE DATE	ANALYTE: UNITS: SAMPLE TYPE	ARSENIC	LEAD	THALLIUM
				mg/kg	mg/kg	mg/kg
GS029	GS029QCSS060215S	6/2/2015	N	4.26	17.8 J	0.121
GS029	GS029QCNS060215S	6/2/2015	N	1.39	3.58 J	0.038 U
GS029	GS029QCNS060215D	6/2/2015	FD	1.41	2.87 J	0.040 U
GS029	GS029QCSB060215S	6/2/2015	N	1.24	1.11 J	0.017 U
GS029	GS029QDSS060115S	6/1/2015	N	3.25	33.9 J	0.148
GS029	GS029QDNS060115S	6/1/2015	N	1.14	3.95 J	0.042 U
GS029	GS029QDSB060115S	6/1/2015	N	1.51	1.88 J	0.025 U
GS030 (P37)	P37QASS112014S	11/20/2014	N	2.70 J	NA	0.556 UJ
GS030 (P37)	P37QANS112014S	11/20/2014	N	1.20 J	NA	0.505 UJ
GS030 (P37)	P37QASB112014S	11/20/2014	N	0.763 J	NA	0.521 UJ
GS030 (P37)	P37QBSS111914S	11/19/2014	N	7.70	NA	0.589 UJ
GS030 (P37)	P37QBNS111914S	11/19/2014	N	1.10 U	NA	0.531 UJ
GS030 (P37)	P37QBNS111914D	11/19/2014	FD	1.20 U	NA	0.535 UJ
GS030 (P37)	P37QBSB111914S	11/19/2014	N	1.20 U	NA	0.535 U
GS030 (P37)	P37QCSS111914S	11/19/2014	N	5.00	NA	0.581 UJ
GS030 (P37)	P37QCNS111914S	11/19/2014	N	1.60 U	NA	0.526 UJ
GS030 (P37)	P37QCSB111914S	11/19/2014	N	1.20 U	NA	0.523 UJ
GS030 (P37)	P37QDSS111914S	11/19/2014	N	12.9	NA	0.615 UJ
GS030 (P37)	P37QDNS111914S	11/19/2014	N	46.6 J	NA	0.549 UJ
GS030 (P37)	P37QDSB111914S	11/19/2014	N	1.60 J	NA	0.521 UJ
GS030 (P37)	P37QGSS111914S	11/19/2014	N	4.40 J	NA	0.571 UJ
GS030 (P37)	P37QGNS111914S	11/19/2014	N	2.40 J	NA	0.527 UJ
GS030 (P37)	P37QGSB111914S	11/19/2014	N	1.40 J	NA	0.506 UJ
GS031	GS031QASS060315S	6/3/2015	N	2.96	81.7	0.058 U
GS031	GS031QANS060315S	6/3/2015	N	2.36	52.5	0.036 U
GS031	GS031QBSS060315S	6/3/2015	N	2.64	30.2	0.052 U
GS031	GS031QBSS060315X	6/3/2015	N	3.09	29.0	0.054 U
GS031	GS031QBSS060315Z	6/3/2015	N	3.64	52.3	0.141 J+
GS031	GS031QBNS060315S	6/3/2015	N	2.53	38.1	0.064 U
GS031	GS031QBNS060315X	6/3/2015	N	2.14	17.7	0.050 U
GS031	GS031QBNS060315Z	6/3/2015	N	1.86	13.2	0.033 U
GS031	GS031QBSB060315S	6/3/2015	N	1.00	2.95	0.017 U
GS031	GS031QBSB060315X	6/3/2015	N	1.16	1.56	0.017 U
GS031	GS031QBSB060315Z	6/3/2015	N	1.28	2.13	0.020 U
GS031	GS031QCSS060315S	6/3/2015	N	3.33	64.5	0.069
GS031	GS031QCSS060315D	6/3/2015	FD	3.51	56.0	0.079
GS031	GS031QCNS060315S	6/3/2015	N	1.98	24.4	0.042 U
GS031	GS031QCSB060315S	6/3/2015	N	1.34	1.75	0.023 U
GS031	GS031QDSS060315S	6/3/2015	N	3.87	44.0	0.137 J+
GS031	GS031QDSS060315X	6/3/2015	N	4.75	51.8	0.135 J+
GS031	GS031QDSS060315Z	6/3/2015	N	2.19	22.6	0.064 J+
GS031	GS031QDNS060315S	6/3/2015	N	1.27	1.91	0.024 U

TABLE 6
VALIDATED PROPERTY SOIL CHARACTERIZATION RESULTS
REMEDIAL DESIGN / REMEDIAL ACTION
TOWN OF PINES SUPERFUND SITE
OPERABLE UNIT 2
TOWN OF PINES, INDIANA

PROPERTY ID	SAMPLE ID	SAMPLE DATE	ANALYTE: UNITS: SAMPLE TYPE	ARSENIC	LEAD	THALLIUM
				mg/kg	mg/kg	mg/kg
GS031	GS031QDNS060315X	6/3/2015	N	1.36	6.47	0.033 U
GS031	GS031QDNS060315Z	6/3/2015	N	1.25	3.90	0.031 U
GS031	GS031QDSB060315S	6/3/2015	N	1.19	1.10	0.018 U
GS031	GS031QDSB060315X	6/3/2015	N	1.12	1.09	0.016 U
GS031	GS031QDSB060315Z	6/3/2015	N	1.17	1.10	0.018 U
GS032	GS032QASS060215S	6/2/2015	N	3.37 J	22.5 J	0.127 J+
GS032	GS032QASS060215X	6/2/2015	N	1.69 J	12.6 J	0.042 U
GS032	GS032QASS060215Z	6/2/2015	N	3.74 J	53.3 J	0.092 J+
GS032	GS032QANS060215S	6/2/2015	N	2.54 J	20.7 J	0.104 J+
GS032	GS032QANS060215X	6/2/2015	N	1.65 J	11.9 J	0.036 U
GS032	GS032QANS060215Z	6/2/2015	N	1.99 J	20.8 J	0.041 U
GS032	GS032QASB060215S	6/2/2015	N	1.29 J	1.63 J	0.030 U
GS032	GS032QASB060215X	6/2/2015	N	1.31 J	1.78 J	0.022 U
GS032	GS032QASB060215Z	6/2/2015	N	1.25 J	1.73 J	0.020 U
GS032	GS032QBSS060215S	6/2/2015	N	3.76 J	40.6 J	0.091 J+
GS032	GS032QBNS060215S	6/2/2015	N	1.62 J	5.72 J	0.031 U
GS032	GS032QBSB060215S	6/2/2015	N	1.24 J	1.66 J	0.019 U
GS032	GS032QCSS060215S	6/2/2015	N	22.3 J	36.4 J	0.068 U
GS032	GS032QCNS060215S	6/2/2015	N	24.5 J	9.09 J	0.022 U
GS032	GS032QCSB060215S	6/2/2015	N	1.09 J	1.06 J	0.019 U
GS032	GS032QDSS060215S	6/2/2015	N	5.37 J	28.1 J	0.130 J+
GS032	GS032QDNS060215S	6/2/2015	N	1.19 J	2.75 J	0.017 U
GS032	GS032QDNS060215D	6/2/2015	FD	1.37 J	3.35 J	0.024 U
GS032	GS032QDSB060215S	6/2/2015	N	1.16 J	1.23 J	0.018 U
GS033	GS033QASS052615S	5/26/2015	N	7.04	57.4	0.108
GS033	GS033QANS052615S	5/26/2015	N	1.61	8.89	0.025 U
GS033	GS033QBSS052615S	5/26/2015	N	3.56	24.7	0.058 U
GS033	GS033QBNS052615S	5/26/2015	N	1.93	8.11	0.033 U
GS033	GS033QBNS052615D	5/26/2015	FD	2.44	10.4	0.042 U
GS033	GS033QCSS052615S	5/26/2015	N	4.50	21.1	0.081
GS033	GS033QCNS052615S	5/26/2015	N	2.56	11.8	0.046 U
GS033	GS033QCSB052615S	5/26/2015	N	1.21	1.26	0.016 U
GS033	GS033QDSS052715S	5/27/2015	N	3.65	12.3	0.051 U
GS033	GS033QDSS052715X	5/27/2015	N	2.56	9.78	0.042 U
GS033	GS033QDSS052715Z	5/27/2015	N	3.58	11.2	0.059 U
GS033	GS033QDNS052715S	5/27/2015	N	1.16	1.54	0.019 U
GS033	GS033QDNS052715X	5/27/2015	N	1.14	1.75	0.019 U
GS033	GS033QDNS052715Z	5/27/2015	N	1.29	1.83	0.020 U
GS034	GS034QASS081716S	8/17/2016	N	1.72 J	18.7 J	0.041 J
GS034	GS034QANS081716S	8/17/2016	N	0.600 J	4.74 J	0.024 J
GS034	GS034QBSS081716S	8/17/2016	N	1.86	18.4	0.055 U
GS034	GS034QBSS081716D	8/17/2016	FD	1.65 J	23.3 J	0.051 J

TABLE 6
VALIDATED PROPERTY SOIL CHARACTERIZATION RESULTS
REMEDIAL DESIGN / REMEDIAL ACTION
TOWN OF PINES SUPERFUND SITE
OPERABLE UNIT 2
TOWN OF PINES, INDIANA

PROPERTY ID	SAMPLE ID	SAMPLE DATE	ANALYTE: UNITS: SAMPLE TYPE	ARSENIC	LEAD	THALLIUM
				mg/kg	mg/kg	mg/kg
GS034	GS034QBNS081716S	8/17/2016	N	0.660	5.30	0.028 U
GS034	GS034QCSS081716S	8/17/2016	N	2.13	21.5	0.056
GS034	GS034QCNS081716S	8/17/2016	N	0.860	4.38	0.024 U
GS034	GS034QDSS081716S	8/17/2016	N	1.65	23.6	0.063 U
GS034	GS034QDSS081716X	8/17/2016	N	1.52	14.5	0.036 U
GS034	GS034QDSS081716Z	8/17/2016	N	1.67	19.5	0.047 U
GS034	GS034QDSS081716D	8/17/2016	FD	1.62 J	20.5 J	0.054 J
GS034	GS034QDNS081716S	8/17/2016	N	0.880	6.02	0.028 U
GS034	GS034QDNS081716X	8/17/2016	N	0.400 U	2.03	0.023 U
GS034	GS034QDNS081716Z	8/17/2016	N	0.710	4.47	0.027 U
GS034	GS034SS070716S	7/7/2016	N	1.57	18.7	0.042 U
GS035 (P06)	P06QASS112114S	11/21/2014	N	2.00	NA	0.537 U
GS035 (P06)	P06QANS112114S	11/21/2014	N	1.20 U	NA	0.548 U
GS035 (P06)	P06QBSS112114S	11/21/2014	N	3.10	NA	0.581 U
GS035 (P06)	P06QBNS112114S	11/21/2014	N	1.50 U	NA	0.568 U
GS035 (P06)	P06QBNS112114D	11/21/2014	FD	2.00	NA	0.560 U
GS035 (P06)	P06QCSS112114S	11/21/2014	N	4.00	NA	0.524 U
GS035 (P06)	P06QCNS112114S	11/21/2014	N	1.20 U	NA	0.533 U
GS035 (P06)	P06QDSS112114S	11/21/2014	N	4.30	NA	0.573 U
GS035 (P06)	P06QDNS112114S	11/21/2014	N	1.90	NA	0.525 U
GS036	GS036QASS060415S	6/4/2015	N	1.74	3.31 J	0.028 U
GS036	GS036QASS060415D	6/4/2015	FD	2.37	10.0 J	0.049 U
GS036	GS036QANS060415S	6/4/2015	N	1.51	2.85	0.028 U
GS036	GS036QBSS060415S	6/4/2015	N	3.31	11.6	0.083
GS036	GS036QBNS060415S	6/4/2015	N	1.16	3.79	0.022 U
GS036	GS036QCSS060415S	6/4/2015	N	3.55	11.8	0.087
GS036	GS036QCSS060415X	6/4/2015	N	4.52	12.3	0.111
GS036	GS036QCSS060415Z	6/4/2015	N	3.38	11.0	0.084
GS036	GS036QCNS060415S	6/4/2015	N	1.28	5.36	0.019 U
GS036	GS036QCNS060415X	6/4/2015	N	1.23	4.16	0.018 U
GS036	GS036QCNS060415Z	6/4/2015	N	1.22	3.60	0.024 U
GS036	GS036QDSS060415S	6/4/2015	N	3.97	10.3	0.097
GS036	GS036QDNS060415S	6/4/2015	N	1.49	8.39	0.069 U
GS037	GS037QASS052015S	5/20/2015	N	8.96 J	27.2 J	0.235
GS037	GS037QASS052015X	5/20/2015	N	6.82 J	21.3 J	0.151
GS037	GS037QASS052015Z	5/20/2015	N	10.6 J	22.4 J	0.267
GS037	GS037QANS052015S	5/20/2015	N	1.50 J	4.36 J	0.024 U
GS037	GS037QANS052015X	5/20/2015	N	2.22 J	5.65 J	0.034 U
GS037	GS037QANS052015Z	5/20/2015	N	3.10 J	4.72 J	0.045 U
GS037	GS037QASB052015S	5/20/2015	N	1.64 J	3.41 J	0.038 U
GS037	GS037QASB052015X	5/20/2015	N	3.43 J	6.63 J	0.057 U
GS037	GS037QASB052015Z	5/20/2015	N	1.46 J	2.93 J	0.046 U

TABLE 6
VALIDATED PROPERTY SOIL CHARACTERIZATION RESULTS
REMEDIAL DESIGN / REMEDIAL ACTION
TOWN OF PINES SUPERFUND SITE
OPERABLE UNIT 2
TOWN OF PINES, INDIANA

PROPERTY ID	SAMPLE ID	SAMPLE DATE	ANALYTE: UNITS: SAMPLE TYPE	ARSENIC	LEAD	THALLIUM
				mg/kg	mg/kg	mg/kg
GS037	GS037QBSS052015S	5/20/2015	N	135 J	123 J	3.28
GS037	GS037QBSS052015D	5/20/2015	FD	151 J	137 J	3.28
GS037	GS037QBNS052015S	5/20/2015	N	309 J	243 J	5.85
GS037	GS037QCSS052015S	5/20/2015	N	3.35 J	19.3 J	0.120
GS037	GS037QCNS052015S	5/20/2015	N	1.48 J	11.2 J	0.054 U
GS037	GS037QDSS052015S	5/20/2015	N	3.88 J	22.9 J	0.108
GS037	GS037QDNS052015S	5/20/2015	N	0.850 J	2.07 J	0.036 U
GS038	GS038QASS060215S	6/2/2015	N	4.98	28.7	0.116
GS038	GS038QASS060215X	6/2/2015	N	4.12	72.5	0.128
GS038	GS038QASS060215Z	6/2/2015	N	7.61	40.1	0.185
GS038	GS038QANS060215S	6/2/2015	N	8.59	15.9	0.304
GS038	GS038QANS060215X	6/2/2015	N	3.77	21.8	0.149
GS038	GS038QANS060215Z	6/2/2015	N	3.27	15.3	0.134
GS038	GS038QBSS060215S	6/2/2015	N	4.90	60.1	0.148
GS038	GS038QBNS060215S	6/2/2015	N	2.70	22.6	0.065 U
GS038	GS038QBSB060215S	6/2/2015	N	2.23	11.0	0.039 U
GS038	GS038QCSS060215S	6/2/2015	N	3.05	27.6	0.104
GS038	GS038QCSS060215D	6/2/2015	FD	3.09	35.0	0.098
GS038	GS038QCNS060215S	6/2/2015	N	6.08	35.9	0.387
GS038	GS038QDSS060215S	6/2/2015	N	2.41	22.8	0.072
GS038	GS038QDNS060215S	6/2/2015	N	6.54	33.3	0.407
GS038	GS038QDSB060215S	6/2/2015	N	0.920	4.98	0.021 U
GS038	GS038QZSS060215S	6/2/2015	N	2.18	22.4	0.069 U
GS038	GS038QZNS060215S	6/2/2015	N	4.33	44.5	0.109
GS038	GS038QZSB060215S	6/2/2015	N	3.22	11.1	0.042 U
GS039	GS039QASS052715S	5/27/2015	N	1.47	10.2	0.065 U
GS039	GS039QANS052715S	5/27/2015	N	1.18	4.72	0.036 U
GS039	GS039QBSS052715S	5/27/2015	N	3.06	12.0	0.098
GS039	GS039QBSS052715D	5/27/2015	FD	3.24	10.7	0.112
GS039	GS039QBNS052715S	5/27/2015	N	1.62	9.55	0.044 U
GS039	GS039QCSS052715S	5/27/2015	N	3.18	24.4	0.051 U
GS039	GS039QCNS052715S	2/26/2016	N	1.28 J	7.33 J	0.025 U
GS039	GS039QDSS052715S	5/27/2015	N	2.96	11.0	0.052 U
GS039	GS039QDSS052715X	5/27/2015	N	2.10	13.6	0.045 U
GS039	GS039QDSS052715Z	5/27/2015	N	2.64	11.3	0.048 U
GS039	GS039QDNS052715S	5/27/2015	N	1.33	7.48	0.031 U
GS039	GS039QDNS052715X	5/27/2015	N	1.64	11.9	0.039 U
GS039	GS039QDNS052715Z	5/27/2015	N	1.45	11.4	0.030 U
GS039	GS039QDNS052715D	5/27/2015	FD	1.42	9.35	0.027 U
GS040	GS040QASS052015S	5/20/2015	N	20.2	31.2	0.120
GS040	GS040QANS052015S	5/20/2015	N	3.09	2.23	0.025 U
GS040	GS040QBSS052015S	5/20/2015	N	2.84	9.06	0.079

TABLE 6
VALIDATED PROPERTY SOIL CHARACTERIZATION RESULTS
REMEDIAL DESIGN / REMEDIAL ACTION
TOWN OF PINES SUPERFUND SITE
OPERABLE UNIT 2
TOWN OF PINES, INDIANA

PROPERTY ID	SAMPLE ID	SAMPLE DATE	ANALYTE: UNITS: SAMPLE TYPE	ARSENIC	LEAD	THALLIUM
				mg/kg	mg/kg	mg/kg
GS040	GS040QBNS052015S	5/20/2015	N	1.20	3.01	0.033
GS040	GS040QBSB052015S	5/20/2015	N	1.17	2.38	0.025 U
GS040	GS040QCSS051915S	5/19/2015	N	7.26	47.4	0.203
GS040	GS040QCSS051915X	5/19/2015	N	6.15	26.9	0.164
GS040	GS040QCSS051915Z	5/19/2015	N	5.12	26.3	0.120
GS040	GS040QCNS051915S	5/19/2015	N	1.15	1.79	0.019 U
GS040	GS040QCNS051915X	5/19/2015	N	2.97	11.5	0.064
GS040	GS040QCNS051915Z	5/19/2015	N	1.23	1.72	0.019 U
GS040	GS040QDSS052015S	5/20/2015	N	4.52	12.3	0.133
GS040	GS040QDNS052015S	5/20/2015	N	1.14	1.58	0.019 U
GS040	GS040QDNS052015D	5/20/2015	FD	1.11	1.63	0.022 U
GS041	GS041QASS060115S	6/1/2015	N	4.85	32.2	0.077
GS041	GS041QANS060115S	6/1/2015	N	3.59	18.9	0.094
GS041	GS041QASB060115S	6/1/2015	N	2.75	11.9	0.049 U
GS041	GS041QBSS060115S	6/1/2015	N	6.68	15.7	0.058 U
GS041	GS041QBNS060115S	6/1/2015	N	3.61	19.6	0.053 U
GS041	GS041QBSB060115S	6/1/2015	N	5.27	55.4	0.104
GS041	GS041QCSS060115S	6/1/2015	N	2.72	90.7	0.084
GS041	GS041QCNS060115S	6/1/2015	N	3.15	105	0.075
GS041	GS041QCSB060115S	6/1/2015	N	2.46	16.4	0.032 U
GS041	GS041QDSS060115S	6/1/2015	N	2.63	52.1	0.085
GS041	GS041QDNS060115S	6/1/2015	N	2.73	104	0.072 U
GS041	GS041QDNS060115D	6/1/2015	FD	2.96	82.6	0.064
GS041	GS041QDSB060115S	6/1/2015	N	1.18	7.68	0.021 U
GS041	GS041QGSS060115S	6/1/2015	N	3.17	21.2	0.111
GS041	GS041QGSS060115X	6/1/2015	N	3.98	21.2	0.091
GS041	GS041QGSS060115Z	6/1/2015	N	3.36	19.6	0.080
GS041	GS041QGNS060115S	6/1/2015	N	2.40	69.5	0.075
GS041	GS041QGNS060115X	6/1/2015	N	2.35	11.5	0.062 U
GS041	GS041QGNS060115Z	6/1/2015	N	2.93	60.7	0.091
GS041	GS041QGSB060115S	6/1/2015	N	1.29	14.1	0.036 U
GS041	GS041QGSB060115X	6/1/2015	N	1.74	28.0	0.043 U
GS041	GS041QGSB060115Z	6/1/2015	N	1.25	9.80	0.032 U
GS042 (P34)	P34QASS111714S	11/17/2014	N	51.9 J	NA	0.772 J
GS042 (P34)	P34QANS111714S	11/17/2014	N	530 J	NA	6.10 J
GS042 (P34)	P34QASB111714S	11/17/2014	N	237 J	NA	5.00 J
GS042 (P34)	P34QBSS111714S	11/17/2014	N	205 J	NA	4.80 J
GS042 (P34)	P34QBNS111714S	11/17/2014	N	334 J	NA	5.10 J
GS042 (P34)	P34QBSB111714S	11/17/2014	N	78.1 J	NA	1.70 J
GS042 (P34)	P34QCSS111714S	11/17/2014	N	205 J	NA	4.50 J
GS042 (P34)	P34QCNS111714S	11/17/2014	N	114 J	NA	3.80 J
GS042 (P34)	P34QCNS111714D	11/17/2014	FD	361 J	NA	5.80 J

TABLE 6
VALIDATED PROPERTY SOIL CHARACTERIZATION RESULTS
REMEDIAL DESIGN / REMEDIAL ACTION
TOWN OF PINES SUPERFUND SITE
OPERABLE UNIT 2
TOWN OF PINES, INDIANA

PROPERTY ID	SAMPLE ID	SAMPLE DATE	ANALYTE: UNITS: SAMPLE TYPE	ARSENIC	LEAD	THALLIUM
				mg/kg	mg/kg	mg/kg
GS042 (P34)	P34QCSB111714S	11/17/2014	N	492 J	NA	6.20 J
GS042 (P34)	P34QDSS111714S	11/17/2014	N	317 J	NA	5.40 J
GS042 (P34)	P34QDNS111714S	11/17/2014	N	225 J	NA	3.10 J
GS042 (P34)	P34QDSB111714S	11/17/2014	N	142 J	NA	4.00 J
GS042 (P34)	P34QPSS111714S	11/17/2014	N	450 J	NA	6.10 J
GS042 (P34)	P34QPNS111714S	11/17/2014	N	228 J	NA	2.90 J
GS042 (P34)	P34QPSB111714S	11/17/2014	N	284 J	NA	3.90 J
GS043	GS043QASS051915S	5/19/2015	N	313	254	6.62 J+
GS043	GS043QANS051915S	5/19/2015	N	259	197	4.74 J+
GS043	GS043QASB051915S	5/19/2015	N	9.07	1.97	0.031 U
GS043	GS043QBSS051915S	5/19/2015	N	2.65	99.9	0.060 J
GS043	GS043QBNS051915S	5/19/2015	N	1.32	3.79	0.028 U
GS043	GS043QCSS051915S	5/19/2015	N	433	314	8.03 J+
GS043	GS043QCSS051915X	5/19/2015	N	213	202	3.81 J+
GS043	GS043QCSS051915Z	5/19/2015	N	418	325	7.91 J+
GS043	GS043QCNS051915S	5/19/2015	N	661	483	10.1 J+
GS043	GS043QCNS051915X	5/19/2015	N	446	414	7.90 J+
GS043	GS043QCNS051915Z	5/19/2015	N	500	409	8.17 J+
GS043	GS043QDSS051915S	5/19/2015	N	289	246	4.65 J+
GS043	GS043QDSS051915D	5/19/2015	FD	253	286	3.74 J
GS043	GS043QDNS051915S	5/19/2015	N	349	219	5.42 J
GS044	GS044QASS051915S	5/19/2015	N	2.69	60.6	0.086 J+
GS044	GS044QANS051915S	5/19/2015	N	1.48	4.99	0.034 U
GS044	GS044QASB051915S	5/19/2015	N	2.11	25.1	0.038 U
GS044	GS044QBSS051915S	5/19/2015	N	2.68	56.3	0.056 U
GS044	GS044QBNS051915S	5/19/2015	N	1.64	3.89	0.032 U
GS044	GS044QBSB051915S	5/19/2015	N	1.59	1.81	0.020 U
GS044	GS044QBSB051915D	5/19/2015	FD	1.55	2.11	0.019 U
GS044	GS044QCSS051915S	5/19/2015	N	4.87	48.5	0.132 J+
GS044	GS044QCNS051915S	5/19/2015	N	2.47 J	13.3	0.112 U
GS044	GS044QDSS051915S	5/19/2015	N	2.54	58.6	0.049 J+
GS044	GS044QDNS051915S	5/19/2015	N	4.20	140	0.056 U
GS044	GS044QDSB051915S	5/19/2015	N	1.21	1.66	0.017 U
GS047A	GS047QASS052815S	5/28/2015	N	2.53	44.7	0.078 U
GS047A	GS047QBSS052815S	5/28/2015	N	7.00	27.8	0.484
GS047A	GS047QBSS052815X	5/28/2015	N	7.09	29.7	0.455
GS047A	GS047QBSS052815Z	5/28/2015	N	6.72	38.3	0.376
GS047A	GS047QCSS052815S	5/28/2015	N	3.94	19.3	0.177
GS047A	GS047QCSS052815D	5/28/2015	FD	4.35	21.0	0.205
GS047A	GS047QDSS052815S	5/28/2015	N	5.79	25.1	0.339
GS048	GS048QASS052815S	5/28/2015	N	4.50 J	37.6 J	0.093 U
GS048	GS048QBSS052815S	5/28/2015	N	7.96 J	41.8 J	0.166 J

TABLE 6
VALIDATED PROPERTY SOIL CHARACTERIZATION RESULTS
REMEDIAL DESIGN / REMEDIAL ACTION
 TOWN OF PINES SUPERFUND SITE
 OPERABLE UNIT 2
 TOWN OF PINES, INDIANA

PROPERTY ID	SAMPLE ID	SAMPLE DATE	ANALYTE: UNITS: SAMPLE TYPE	ARSENIC	LEAD	THALLIUM
				mg/kg	mg/kg	mg/kg
GS048	GS048QCSS052815S	5/28/2015	N	2.09 J	19.5	0.080 J
GS048	GS048QDSS052815S	5/28/2015	N	1.62 J	25.9	0.061 U
GS048	GS048QDSS052815D	5/28/2015	FD	1.45 J	21.5	0.051 U
GS050B	GS050QASS052615S	5/26/2015	N	5.05	51.3	0.160
GS050B	GS050QASS052615X	5/26/2015	N	6.57	43.6	0.307
GS050B	GS050QASS052615Z	5/26/2015	N	11.1	49.0	0.482
GS050B	GS050QANS052615S	5/26/2015	N	5.25	78.3	0.182
GS050B	GS050QANS052615X	5/26/2015	N	5.75	63.6	0.204
GS050B	GS050QANS052615Z	5/26/2015	N	7.22	83.2	0.203
GS050B	GS050QBSS052615S	5/26/2015	N	4.92	66.1	0.140
GS050B	GS050QCSS052615S	5/26/2015	N	2.46	20.7	0.043 U
GS050B	GS050QCSS052615D	5/26/2015	FD	2.28	18.0	0.034 U
GS050B	GS050QCNS052615S	5/26/2015	N	5.17	21.3	0.139
GS050B	GS050QDSS052615S	5/26/2015	N	2.20	17.3	0.032 U
GS051	GS051QASS060415S	6/4/2015	N	3.16	34.9 J	0.091 U
GS051	GS051QBSS060415S	6/4/2015	N	3.17	30.7 J	0.091
GS051	GS051QBSS060415X	6/4/2015	N	3.06	29.1 J	0.096
GS051	GS051QBSS060415Z	6/4/2015	N	2.59	28.0 J	0.071 U
GS051	GS051QCSS060415S	6/4/2015	N	3.10	47.7 J	0.096
GS051	GS051QDSS060415S	6/4/2015	N	2.70	27.3 J	0.075 U
GS052 (P38)	P38QASS112014S	11/20/2014	N	44.5 J	NA	1.30 J
GS052 (P38)	P38QANS112014S	11/20/2014	N	37.0 J	NA	1.20 J
GS052 (P38)	P38QASB112014S	11/20/2014	N	76.4 J	NA	2.70 J
GS052 (P38)	P38QBSS112014S	11/20/2014	N	43.2 J	NA	1.10 J
GS052 (P38)	P38QBNS112014S	11/20/2014	N	65.8 J	NA	2.50 J
GS052 (P38)	P38QBNS112014D	11/20/2014	FD	20.2 J	NA	0.564 UJ
GS052 (P38)	P38QBSB112014S	11/20/2014	N	47.4 J	NA	0.971 J
GS052 (P38)	P38QCSS112014S	11/20/2014	N	2.70 J	NA	0.599 UJ
GS052 (P38)	P38QCNS112014S	11/20/2014	N	2.50 J	NA	0.536 UJ
GS052 (P38)	P38QCSB112014S	11/20/2014	N	2.80 J	NA	0.641 UJ
GS052 (P38)	P38QDSS112014S	11/20/2014	N	5.50 J	NA	0.592 UJ
GS052 (P38)	P38QDNS112014S	11/20/2014	N	6.70 J	NA	0.579 UJ
GS052 (P38)	P38QDSB112014S	11/20/2014	N	3.00 J	NA	0.581 UJ
GS052 (P38)	P38QGSS112014S	11/20/2014	N	4.20 J	NA	0.568 UJ
GS052 (P38)	P38QGNS112014S	11/20/2014	N	3.20 J	NA	0.579 UJ
GS052 (P38)	P38QGSB112014S	11/20/2014	N	4.90 J	NA	0.598 UJ
GS054 (P24)	P24QASS111814S	11/18/2014	N	60.6	NA	1.60 J+
GS054 (P24)	P24QANS111814S	11/18/2014	N	46.5	NA	1.20 J+
GS054 (P24)	P24QASB111814S	11/18/2014	N	4.70	NA	0.550 U
GS054 (P24)	P24QBSS111814S	11/18/2014	N	6.80	NA	0.774 U
GS054 (P24)	P24QBNS111814D	11/18/2014	N	8.00	NA	0.535 U
GS054 (P24)	P24QBNS111814S	11/18/2014	N	6.20	NA	0.531 U

TABLE 6
VALIDATED PROPERTY SOIL CHARACTERIZATION RESULTS
REMEDIAL DESIGN / REMEDIAL ACTION
TOWN OF PINES SUPERFUND SITE
OPERABLE UNIT 2
TOWN OF PINES, INDIANA

PROPERTY ID	SAMPLE ID	SAMPLE DATE	ANALYTE: UNITS: SAMPLE TYPE	ARSENIC	LEAD	THALLIUM
				mg/kg	mg/kg	mg/kg
GS054 (P24)	P24QBSB111814S	11/18/2014	N	1.10	NA	0.518 UJ
GS054 (P24)	P24QCSS111814S	11/18/2014	N	406	NA	7.90 J
GS054 (P24)	P24QCNS111814S	11/18/2014	N	642	NA	9.90 J
GS054 (P24)	P24QCSB111814S	11/18/2014	N	441	NA	8.40 J
GS054 (P24)	P24QDSS111814S	11/18/2014	N	326	NA	9.50 J+
GS054 (P24)	P24QDNS111814S	11/18/2014	N	305	NA	4.70 J+
GS054 (P24)	P24QDSB111814S	11/18/2014	N	262	NA	4.20 J+
GS055	GS055QASS052715S	5/27/2015	N	2.77	19.4	0.065 U
GS055	GS055QANS052715S	5/27/2015	N	1.59	5.07	0.029 U
GS055	GS055QBSS052715S	5/27/2015	N	4.57	21.7	0.122
GS055	GS055QBNS052715S	5/27/2015	N	1.91	6.45	0.045 U
GS055	GS055QCSS052715S	5/27/2015	N	2.86	24.6	0.094
GS055	GS055QCNS052715S	5/27/2015	N	1.59	5.76	0.042 U
GS055	GS055QDSS052715S	5/27/2015	N	3.20	17.3 J	0.116
GS055	GS055QDSS052715D	5/27/2015	FD	2.03	12.4 J	0.071
GS055	GS055QDNS052715S	5/27/2015	N	1.40	3.25	0.039 U
GS055	GS055QDSB052715S	5/27/2015	N	1.12	1.24	0.018 U
GS056 (P29)	P29QASS112114S	11/21/2014	N	32.8 J+	NA	1.60 J+
GS056 (P29)	P29QANS112114S	11/21/2014	N	11.5 J+	NA	0.657 J+
GS056 (P29)	P29QASB112114S	11/21/2014	N	0.762 J+	NA	0.529 U
GS056 (P29)	P29QBSS112114S	11/21/2014	N	35.9	NA	1.20 J+
GS056 (P29)	P29QBNS112114S	11/21/2014	N	22.8	NA	0.861 J+
GS056 (P29)	P29QBSB112114S	11/21/2014	N	1.90	NA	0.502 U
GS056 (P29)	P29QCSS112114S	11/21/2014	N	23.0 J+	NA	1.70 J+
GS056 (P29)	P29QCNS112114S	11/21/2014	N	6.60 J+	NA	0.542 U
GS056 (P29)	P29QCSB112114S	11/21/2014	N	0.534	NA	0.526 U
GS056 (P29)	P29QDSS112114S	11/21/2014	N	25.1 J+	NA	1.80 J+
GS056 (P29)	P29QDNS112114S	11/21/2014	N	5.00 J+	NA	0.539 U
GS056 (P29)	P29QDNS112114D	11/21/2014	FD	5.60 J+	NA	0.547 U
GS056 (P29)	P29QDSB112114S	11/21/2014	N	0.521 J	NA	0.523 U
GS072	GS072QASS121216S	12/12/2016	N	110	131	1.78 J
GS072	GS072QASS121216D	12/12/2016	FD	135	163	2.42 J
GS072	GS072QANS121216S	12/12/2016	N	659	411	9.29
GS072	GS072QBSS121316S	12/13/2016	N	176	147	3.37
GS072	GS072QBNS121316S	12/13/2016	N	100	34.9	1.01
GS072	GS072QCSS121216S	12/12/2016	N	3.56	26.0	0.145
GS072	GS072QCNS121216S	12/12/2016	N	1.26	5.08	0.025 U
GS072	GS072QDSS121216S	12/12/2016	N	3.22	76.1	0.086
GS072	GS072QDNS121216S	12/12/2016	N	2.01	19.4	0.062
GS072	GS072QDSB121216S	12/12/2016	N	2.16	30.0	0.027 U
GS073	GS073QASS081616S	8/16/2016	N	5.16 J	39.4 J	0.134
GS073	GS073QASS081616D	8/16/2016	FD	6.16 J	52.6 J	0.115

TABLE 6
VALIDATED PROPERTY SOIL CHARACTERIZATION RESULTS
REMEDIAL DESIGN / REMEDIAL ACTION
TOWN OF PINES SUPERFUND SITE
OPERABLE UNIT 2
TOWN OF PINES, INDIANA

PROPERTY ID	SAMPLE ID	SAMPLE DATE	ANALYTE: UNITS: SAMPLE TYPE	ARSENIC	LEAD	THALLIUM
				mg/kg	mg/kg	mg/kg
GS073	GS073QANS081616S	8/16/2016	N	3.95 J	64.8 J	0.114
GS073	GS073QASB081616S	8/16/2016	N	3.26 J	20.3 J	0.068
GS073	GS073QBSS081616S	8/16/2016	N	3.20 J	13.3 J	0.053 U
GS073	GS073QBNS081616S	8/16/2016	N	5.26 J	13.4 J	0.076
GS073	GS073QBSB081616S	8/16/2016	N	2.87 J	8.09 J	0.048 U
GS073	GS073QCSS081616S	8/16/2016	N	27.7 J	33.3 J	0.522
GS073	GS073QCNS081616S	8/16/2016	N	26.5 J	28.3 J	0.599
GS073	GS073QCSB081616S	8/16/2016	N	1.93 J	4.44 J	0.045 U
GS073	GS073QDSS081616S	8/16/2016	N	41.5 J	39.1 J	0.864
GS073	GS073QDNS081616S	8/16/2016	N	57.5 J	49.8 J	1.15
GS073	GS073QXSS070716SB1	7/7/2016	N	32.6	42.2 J	0.688
GS073	GS073QXSS070716SB2	7/7/2016	N	13.4	33.3 J	0.401
GS073	GS073QXSS070716SB3	7/7/2016	N	89.5	104 J	1.86
GS073	GS073QXSS070716SB4	7/7/2016	N	96.7	84.6 J	1.88
GS073	GS073QXSS070716SB5	7/7/2016	N	96.8	94.5 J	2.11
GS073	GS073QXSS070716SB6	7/7/2016	N	33.0	40.0 J	0.639
GS073	GS073QXSS070716SB7	7/7/2016	N	30.7	62.9 J	0.549
GS073	GS073QXSS070716SB8	7/7/2016	N	6.30	30.6 J	0.102
GS073	GS073SS070716S	7/7/2016	N	5.90	65.2 J	0.173 J
GS073	GS073SS070716D	7/7/2016	FD	6.96	132 J	0.278 J
GS074	GS074QASS052115S	5/21/2015	N	3.73	9.45 J	0.076
GS074	GS074QANS052115S	5/21/2015	N	1.85	13.4 J	0.052 U
GS074	GS074QASB052115S	5/21/2015	N	1.55	15.4 J	0.032 U
GS074	GS074QBSS052115S	5/21/2015	N	3.92	9.28 J	0.098
GS074	GS074QBNS052115S	5/21/2015	N	1.69	4.15 J	0.047 U
GS074	GS074QBNS052115D	5/21/2015	FD	2.83	6.22 J	0.074 U
GS074	GS074QBSB052115S	5/21/2015	N	1.10	1.81 J	0.019 U
GS074	GS074QCSS052115S	5/21/2015	N	3.59	8.38 J	0.075
GS074	GS074QCNS052115S	5/21/2015	N	1.65	9.47 J	0.045
GS074	GS074QCSB052115S	5/21/2015	N	1.15	2.72 J	0.022 U
GS074	GS074QDSS052115S	5/21/2015	N	4.95	22.0 J	0.210
GS074	GS074QDSS052115X	5/21/2015	N	3.87	57.1 J	0.144
GS074	GS074QDSS052115Z	5/21/2015	N	4.71	13.8 J	0.162
GS074	GS074QDNS052115S	5/21/2015	N	9.25	12.8 J	0.500
GS074	GS074QDNS052115X	5/21/2015	N	22.6	16.1 J	1.08
GS074	GS074QDNS052115Z	5/21/2015	N	17.6	18.2 J	1.15
GS074	GS074QDSB052115S	5/21/2015	N	2.74	7.18 J	0.116
GS074	GS074QDSB052115X	5/21/2015	N	2.41	24.3 J	0.102
GS074	GS074QDSB052115Z	5/21/2015	N	1.44	6.10 J	0.036 U
GS075	GS075SS052615S	5/26/2015	N	7.06	25.2	0.085 U
GS075	GS075SS052615D	5/26/2015	FD	7.49	25.4	0.139
GS077	GS077QDSS052215S	5/22/2015	N	2.57	47.5	0.063 U

TABLE 6
VALIDATED PROPERTY SOIL CHARACTERIZATION RESULTS
REMEDIAL DESIGN / REMEDIAL ACTION
TOWN OF PINES SUPERFUND SITE
OPERABLE UNIT 2
TOWN OF PINES, INDIANA

PROPERTY ID	SAMPLE ID	SAMPLE DATE	ANALYTE: UNITS: SAMPLE TYPE	ARSENIC	LEAD	THALLIUM
				mg/kg	mg/kg	mg/kg
GS077	GS077SS052215S	5/22/2015	N	4.91	58.9	0.067
GS080	GS080QASS052215S	5/22/2015	N	2.78	12.6 J	0.127 J+
GS080	GS080QANS052215S	5/22/2015	N	1.54	3.00 J	0.026 U
GS080	GS080QASB052215S	5/22/2015	N	1.42	1.83 J	0.022 U
GS080	GS080QBSS052115S	5/21/2015	N	3.09	17.1 J	0.166 J+
GS080	GS080QBNS052115S	5/21/2015	N	1.91	8.54 J	0.055 J+
GS080	GS080QBNS052115D	5/21/2015	FD	1.63	8.31 J	0.041 J+
GS080	GS080QBSB052115S	5/21/2015	N	1.40	2.73 J	0.026 U
GS080	GS080QCSS052215S	5/22/2015	N	3.74	12.5 J	0.131 J+
GS080	GS080QCNS052215S	5/22/2015	N	1.74	5.36 J	0.029 U
GS080	GS080QCSB052215S	5/22/2015	N	1.45	1.64 J	0.017 U
GS080	GS080QDSS052115S	5/21/2015	N	2.64	13.8 J	0.128 J+
GS080	GS080QDNS052115S	5/21/2015	N	1.46	4.49 J	0.025 U
GS081	GS081QASS052215S	5/22/2015	N	215 J	140	3.00 J
GS081	GS081QANS052215S	5/22/2015	N	481 J	310	7.60 J
GS081	GS081QBSS052215S	5/22/2015	N	535 J	379	8.69 J
GS081	GS081QBSS052215D	5/22/2015	FD	535 J	403	9.61 J
GS081	GS081QBNS052215S	5/22/2015	N	577 J	446	12.1 J
GS081	GS081QCSS052215S	5/22/2015	N	35.0 J	96.0	0.817 J
GS081	GS081QCNS052215S	5/22/2015	N	121 J	122	1.97 J
GS081	GS081QDSS052215S	5/22/2015	N	10.7 J	60.9	0.974 J
GS081	GS081QDNS052215S	5/22/2015	N	3.91 J	238	0.083 J
GS082	GS082QASS101116S	10/11/2016	N	319 J	236 J	7.20
GS082	GS082QBSS101116S	10/11/2016	N	362 J	287 J	8.22
GS082	GS082QCSS101116S	10/11/2016	N	331 J	246 J	7.59
GS082	GS082QCSS101116D	10/11/2016	FD	385 J	278 J	7.38
GS082	GS082QDSS101116S	10/11/2016	N	397 J	234 J	6.45
GS083	GS083QASS052115S	5/21/2015	N	18.5	38.1	0.651
GS083	GS083QPSS052115S	5/21/2015	N	10.3	8.27	0.052
GS083	GS083SS052115S	5/21/2015	N	4.49	10.3	0.036
GS084	GS084QGSS052115S	5/21/2015	N	16.5	16.6	0.097
GS084	GS084SS052115S	5/21/2015	N	3.33	12.6	0.063
GS085	GS085QASS051915S	5/19/2015	N	4.21	14.5	0.165
GS085	GS085SS051915S	5/19/2015	N	5.50	111	0.087
GS086A	GS086QCSS081616S	8/16/2016	N	31.0	33.2	0.637
GS086A	GS086QCNS081616S	8/16/2016	N	36.1	30.7	0.638
GS086A	GS086QDSS081716S	8/17/2016	N	165	127	3.21
GS086A	GS086QDSS081716X	8/17/2016	N	416	300	7.15
GS086A	GS086QDSS081716Z	8/17/2016	N	65.5	111	1.33
GS086A	GS086QDNS081716S	8/17/2016	N	213	175	3.97
GS086A	GS086QDNS081716X	8/17/2016	N	286	227	5.05
GS086A	GS086QDNS081716Z	8/17/2016	N	179	157	3.78

TABLE 6
VALIDATED PROPERTY SOIL CHARACTERIZATION RESULTS
REMEDIAL DESIGN / REMEDIAL ACTION
TOWN OF PINES SUPERFUND SITE
OPERABLE UNIT 2
TOWN OF PINES, INDIANA

PROPERTY ID	SAMPLE ID	SAMPLE DATE	ANALYTE: UNITS: SAMPLE TYPE	ARSENIC	LEAD	THALLIUM
				mg/kg	mg/kg	mg/kg
GS086A	GS086QPSS081616S	8/16/2016	N	79.4	53.6	1.35
GS086A	GS086QPNS081616S	8/16/2016	N	69.9	49.7	1.22
GS086B	GS086QASS081616S	8/16/2016	N	7.98	58.9	0.321
GS086B	GS086QANS081616S	8/16/2016	N	6.75	20.3	0.236
GS086B	GS086QASB081616S	8/16/2016	N	2.05	6.21	0.043
GS086B	GS086QBSS081616S	8/16/2016	N	16.2 J	32.5	0.316 J
GS086B	GS086QBSS081616D	8/16/2016	FD	26.6 J	40.8	0.695 J
GS086B	GS086QBNS081616S	8/16/2016	N	10.3	50.9	0.191
GS089	GS089SS052115S	5/21/2015	N	2.30	37.7	0.066
GS089A	GS089QDSS052115S	5/21/2015	N	85.5	97.6	3.09
GS089C	GS089CSS072516S	7/25/2016	N	2.65 J	26.2	0.136
GS090	GS090SS052115S	5/21/2015	N	1.83	27.3	0.051
GS091	GS091SS052115S	5/21/2015	N	2.19	31.1	0.058
GS093	GS093QDSS060115S	6/1/2015	N	10.8	34.2	0.189
GS093	GS093QPSS060115S	6/1/2015	N	3.41	14.2	0.035 U
GS093	GS093SS060115S	6/1/2015	N	5.23	24.9	0.101
GS094	GS094QGSS062515S	6/25/2015	N	8.70	5.34	0.042 U
GS094	GS094SS062515S	6/25/2015	N	2.41	9.44	0.023 U
GS094	GS094SS062515D	6/25/2015	FD	2.07	7.12	0.026 U
GS096A	GS096AQASS052815S	5/28/2015	N	5.48 J	29.9	0.170
GS096A	GS096AQCSS052815S	5/28/2015	N	4.51 J	38.4	0.045 U
GS096A	GS096AQGSS052815S	5/28/2015	N	15.8 J	17.6	0.106
GS096A	GS096AQPSS052815S	5/28/2015	N	2.47 J	10.9	0.035 U
GS096A	GS096ASS052815S	5/28/2015	N	6.01 J	22.8	0.048 U
GS096B	GS096BSS060315S	6/3/2015	N	2.44	19.2	0.052 U
GS096C	GS096CSS060315S	6/3/2015	N	1.36	10.7	0.062 U
GS096D	GS096DSS060315S	6/3/2015	N	1.98	21.2	0.094 U
GS098A	GS098AQCSS060115S	6/1/2015	N	8.28	9.98	0.515
GS098A	GS098ASS060115S	6/1/2015	N	2.39	25.1	0.088
GS098B	GS098BSS060115S	6/1/2015	N	2.43	26.2	0.073
GS098C	GS098CQASS060315S	6/3/2015	N	3.83	89.1 J	0.143 J
GS098C	GS098CQBSS060315S	6/3/2015	N	6.78	12.6 J	0.418 J
GS098C	GS098CSS060315S	6/3/2015	N	11.2	269 J	0.089 U
GS098D	GS098DSS060315S	6/3/2015	N	2.56	33.2 J	0.077 U
GS098E	GS098ESS060115S	6/1/2015	N	2.03	27.9	0.044 U
GS098E	GS098ESS060115D	6/1/2015	FD	1.80	26.1	0.088 J
GS099	GS099QASS072015S	7/20/2015	N	2.51	9.57 J	0.152 J+
GS099	GS099QASS072015X	7/20/2015	N	4.59	17.3 J	0.225 J+
GS099	GS099QASS072015Z	7/20/2015	N	4.36	20.9 J	0.226 J+
GS099	GS099QANS072015S	7/20/2015	N	4.87	69.0 J	0.186 J+
GS099	GS099QANS072015X	7/20/2015	N	3.38	232 J	0.070 U
GS099	GS099QANS072015Z	7/20/2015	N	2.83	47.5 J	0.072 J+

TABLE 6
VALIDATED PROPERTY SOIL CHARACTERIZATION RESULTS
REMEDIAL DESIGN / REMEDIAL ACTION
TOWN OF PINES SUPERFUND SITE
OPERABLE UNIT 2
TOWN OF PINES, INDIANA

PROPERTY ID	SAMPLE ID	SAMPLE DATE	ANALYTE: UNITS: SAMPLE TYPE	ARSENIC	LEAD	THALLIUM
				mg/kg	mg/kg	mg/kg
GS099	GS099QBSS072015S	7/20/2015	N	3.65	8.06 J	0.150 J+
GS099	GS099QBNS072015S	7/20/2015	N	1.80	11.1 J	0.041 U
GS099	GS099QCSS072015S	7/20/2015	N	1.92	11.4 J	0.076 U
GS099	GS099QCSS072015D	7/20/2015	FD	3.36	33.6 J	0.081 J+
GS099	GS099QCNS072015S	7/20/2015	N	1.86	5.17 J	0.036 U
GS099	GS099QDSS072015S	7/20/2015	N	4.87	15.9 J	0.043 U
GS099	GS099QDNS072015S	7/20/2015	N	1.74	5.06 J	0.030 U
GS099	GS099QPSS072015S	7/20/2015	N	5.79	24.1 J	0.044 U
GS099	GS099QPNS072015S	7/20/2015	N	3.29	5.64 J	0.032 U
GS099	GS099QXSS072015S	7/20/2015	N	5.32	35.7 J	0.213 J+
GS100	GS100SS060315S	6/3/2015	N	4.71	15.7 J	0.115
GS101	GS101QPSS060215S	6/2/2015	N	1.37	4.23 J	0.022 U
GS101	GS101SS060215S	6/2/2015	N	2.27	14.1 J	0.044 U
GS102	GS102QCSS052715S	5/27/2015	N	9.54 J	55.4	0.108 J
GS102	GS102SS052715S	5/27/2015	N	2.41 J	32.7	0.059 U
GS103	GS103QASS122915S	12/29/2015	N	30.1	29.5	1.36
GS103	GS103QANS122915S	12/29/2015	N	1.97	11.1	0.039
GS103	GS103QASB122915S	12/29/2015	N	1.42	2.99	0.021
GS103	GS103QBSS122915S	12/29/2015	N	3.34	25.2	0.093
GS103	GS103QBNS122915S	12/29/2015	N	1.83	12.3	0.036
GS103	GS103QBSB122915S	12/29/2015	N	1.10	0.981	0.008 J
GS103	GS103QCSS122915S	12/29/2015	N	3.03	16.2	0.097 J
GS103	GS103QCSS122915D	12/29/2015	FD	3.64	16.2	0.152 J
GS103	GS103QCNS122915S	2/26/2016	N	1.71	6.94 J	0.039 U
GS103	GS103QDSS122915S	12/29/2015	N	2.69	15.4	0.073
GS103	GS103QDNS122915S	12/29/2015	N	1.30	2.62	0.022
GS103	GS103QDSB122915S	12/29/2015	N	1.31	1.40	0.014
GS104	GS104QXSS220517S	5/17/2022	N	3.32	69.9	0.084 U
GS104	GS104SS220517S	5/17/2022	N	2.12	31.9	0.052 U
GS105	GS105SS060215S	6/2/2015	N	3.89	17.7 J	0.072
GS106	GS106QASS072115S	7/21/2015	N	8.34 J	42.4 J	0.131 J
GS106	GS106QASS072115D	7/21/2015	FD	2.34 J	19.5 J	0.070 J
GS106	GS106QANS072115S	7/21/2015	N	1.42	3.22 J	0.044 U
GS106	GS106QBSS072115S	7/21/2015	N	2.02	21.7 J	0.043 U
GS106	GS106QBNS072115S	7/21/2015	N	1.69	77.5 J	0.037 U
GS106	GS106QCSS072115S	7/21/2015	N	2.09	7.52 J	0.036 U
GS106	GS106QCNS072115S	7/21/2015	N	1.33	5.06 J	0.028 U
GS106	GS106QDSS072115S	7/21/2015	N	3.62	39.0 J	0.119
GS106	GS106QDSS072115X	7/21/2015	N	4.11	23.0 J	0.138
GS106	GS106QDSS072115Z	7/21/2015	N	4.00	17.0 J	0.117
GS106	GS106QDNS072115S	7/21/2015	N	2.17	11.2 J	0.055 U
GS106	GS106QDNS072115X	7/21/2015	N	1.70	9.48 J	0.049 U

TABLE 6
VALIDATED PROPERTY SOIL CHARACTERIZATION RESULTS
REMEDIAL DESIGN / REMEDIAL ACTION
TOWN OF PINES SUPERFUND SITE
OPERABLE UNIT 2
TOWN OF PINES, INDIANA

PROPERTY ID	SAMPLE ID	SAMPLE DATE	ANALYTE: UNITS: SAMPLE TYPE	ARSENIC	LEAD	THALLIUM
				mg/kg	mg/kg	mg/kg
GS106	GS106QDNS072115Z	7/21/2015	N	1.49	10.9 J	0.041 U
GS107A	GS107AQASS072315S	7/23/2015	N	3.05 J	29.2	0.061 J
GS107A	GS107AQASS072315D	7/23/2015	FD	4.16 J	31.7	0.059 J
GS107A	GS107AQANS072315S	7/23/2015	N	10.2 J	425	0.081 J
GS107A	GS107AQBSS072315S	7/23/2015	N	1.63 J	105	0.036 J
GS107A	GS107AQBNS072315S	7/23/2015	N	1.60 J	32.9	0.037 J
GS107A	GS107AQCSS072315S	7/23/2015	N	2.72 J	20.0	0.132 J
GS107A	GS107AQCNS072315S	7/23/2015	N	1.57 J	7.33	0.075 J
GS107A	GS107AQDSS072315S	7/23/2015	N	3.40 J	43.5	0.123 J
GS107A	GS107AQDNS072315S	7/23/2015	N	2.45 J	9.85	0.179 J
GS107B	GS107BSS060115S	6/1/2015	N	2.85	14.9	0.073
GS108	GS108QGSS060215S	6/2/2015	N	3.68	23.7 J	0.101
GS108	GS108SS060215S	6/2/2015	N	2.21	17.9 J	0.058 U
GS109	GS109SS062515S	6/25/2015	N	4.00	13.6	0.044 U
GS109	GS109SS062515D	6/25/2015	FD	4.84	16.7	0.047 U
GS110	GS110QASS072115S	7/21/2015	N	6.55	42.6	0.129 J+
GS110	GS110QANS072115S	7/21/2015	N	1.06	2.49	0.036 J+
GS110	GS110QBSS072215S	7/22/2015	N	2.32	36.3	0.066 J+
GS110	GS110QBNS072215S	7/22/2015	N	1.31	13.4	0.039 J+
GS110	GS110QCSS072115S	7/21/2015	N	3.51	73.4	0.109 J+
GS110	GS110QCSS072115X	7/21/2015	N	3.95	73.5	0.112 J+
GS110	GS110QCSS072115Z	7/21/2015	N	4.51	82.1	0.126 J+
GS110	GS110QCNS072115S	7/21/2015	N	1.45	10.9	0.054 J+
GS110	GS110QCNS072115X	7/21/2015	N	1.71	10.7	0.044 J+
GS110	GS110QCNS072115Z	7/21/2015	N	1.34	14.5	0.044 J+
GS110	GS110QDSS072215S	7/22/2015	N	2.11	49.9	0.061 J+
GS110	GS110QDSS072215D	7/22/2015	FD	2.21	40.2	0.058 J+
GS110	GS110QDNS072215S	7/22/2015	N	1.46	5.92	0.038 J+
GS111	GS111SS072215S	7/22/2015	N	9.08 J	58.5	0.065 U
GS111	GS111SS072215D	7/22/2015	FD	10.3 J	60.6	0.080 U
GS112	GS112QUSS101917S	10/19/2017	N	2.27 J	115	0.038 J
GS112	GS112QVSS101917S	10/19/2017	N	8.47 J	80.9	0.084 J
GS112	GS112QWSS101917S	10/19/2017	N	9.43 J	59.3	0.091 J
GS112	GS112QXSS101917S	10/19/2017	N	4.81 J	15.0	0.094 J
GS112	GS112QYSS101917S	10/19/2017	N	7.78 J	42.4	0.172 J
GS112	GS112SS072115S	7/21/2015	N	5.03	34.6 J	0.086
GS113	GS113QPSS072215S	7/22/2015	N	2.96 J	10.0	0.050 U
GS113	GS113SS072215S	7/22/2015	N	2.33 J	13.0	0.095 J+
GS114	GS114SS093015S	9/30/2015	N	1.96	21.1	0.048
GS115	GS115QASS122915S	12/29/2015	N	3.39 J	31.9	0.059
GS115	GS115QASS122915X	12/29/2015	N	3.51 J	50.0	0.076
GS115	GS115QASS122915Z	12/29/2015	N	4.41 J	38.8	0.088

TABLE 6
VALIDATED PROPERTY SOIL CHARACTERIZATION RESULTS
REMEDIAL DESIGN / REMEDIAL ACTION
TOWN OF PINES SUPERFUND SITE
OPERABLE UNIT 2
TOWN OF PINES, INDIANA

PROPERTY ID	SAMPLE ID	SAMPLE DATE	ANALYTE: UNITS: SAMPLE TYPE	ARSENIC	LEAD	THALLIUM
				mg/kg	mg/kg	mg/kg
GS115	GS115QANS122915S	12/29/2015	N	1.76 J	11.0	0.033
GS115	GS115QANS122915X	12/29/2015	N	1.59 J	7.60	0.027
GS115	GS115QANS122915Z	12/29/2015	N	2.57 J	11.7	0.062
GS115	GS115QASB122915S	12/29/2015	N	1.26 J	2.25	0.019
GS115	GS115QASB122915X	12/29/2015	N	2.39 J	8.69	0.041
GS115	GS115QASB122915Z	12/29/2015	N	1.32 J	3.55	0.022
GS115	GS115QBSS122915S	12/29/2015	N	1.74 J	24.9	0.025
GS115	GS115QBSS122915D	12/29/2015	FD	1.70 J	20.4	0.026
GS115	GS115QBNS122915S	2/26/2016	N	1.44 J	3.13 J	0.054 U
GS115	GS115QCSS122915S	12/29/2015	N	2.77 J	22.3	0.049
GS115	GS115QCNS122915S	2/26/2016	N	1.57 J	6.29 J	0.039 U
GS115	GS115QDSS122915S	12/29/2015	N	2.20 J	34.8	0.036
GS115	GS115QDNS122915S	2/26/2016	N	2.89 J	36.3 J	0.055 U
GS116	GS116SS082815S	8/28/2015	N	1.72	16.1	0.036 J
GS116	GS116SS082815D	8/28/2015	FD	1.86	18.1	0.085 J
GS117	GS117SS042816S	4/28/2016	N	2.46	65.8	0.048
GS118	GS118SS093015S	9/30/2015	N	3.04	178 J	0.083
GS118	GS118SS093015D	9/30/2015	FD	2.61	98.6 J	0.071
GS119	GS119SS101415S	10/14/2015	N	2.02	18.8	0.046 J+
GS119	GS119SS101415D	10/14/2015	FD	2.06	18.8	0.064 J+
GS120	GS120SS042816S	4/28/2016	N	2.34	14.7	0.043
GS120	GS120SS042816D	4/28/2016	FD	2.59	13.9	0.037
GS121	GS121QPSS112315S	11/23/2015	N	1.38	7.29	0.020 U
GS121	GS121SS112315S	11/23/2015	N	1.66	12.7 J	0.035
GS121	GS121SS112315D	11/23/2015	FD	1.88	31.7 J	0.035
GS122	GS122SS093015S	9/30/2015	N	1.99	31.6	0.057
GS123	GS123QASS101415S	10/14/2015	N	18.3	88.4	0.135 J+
GS123	GS123SS101415S	10/14/2015	N	2.21	18.3	0.045 J+
GS124	GS124QPSS101315S	10/13/2015	N	4.24	14.5	0.139 J+
GS124	GS124SS101315S	10/13/2015	N	3.01	17.2	0.099 J+
GS125	GS125SS101315S	10/13/2015	N	1.66	8.42	0.030 J+
GS126	GS126QASS082516S	8/25/2016	N	5.38	13.5 J	0.189 J
GS126	GS126QASS082516D	8/25/2016	FD	5.12	17.5 J	0.117 J
GS126	GS126QANS082516S	8/25/2016	N	1.85	7.69 J	0.025
GS126	GS126QBSS082516S	8/25/2016	N	2.08	48.9 J	0.066
GS126	GS126QBNS082516S	8/25/2016	N	2.13	50.8 J	0.040
GS126	GS126QCSS082516S	8/25/2016	N	2.11	12.2 J	0.024
GS126	GS126QCNS082516S	8/25/2016	N	2.57	11.5 J	0.094
GS126	GS126QDSS082516S	8/25/2016	N	2.66	26.0 J	0.042
GS126	GS126QDNS082516S	8/25/2016	N	1.44	10.6 J	0.025
GS126	GS126QXSS070716S	7/7/2016	N	47.2	38.2	1.65 J
GS126	GS126SS112315S	11/23/2015	N	4.70	31.0	0.057

TABLE 6
VALIDATED PROPERTY SOIL CHARACTERIZATION RESULTS
REMEDIAL DESIGN / REMEDIAL ACTION
TOWN OF PINES SUPERFUND SITE
OPERABLE UNIT 2
TOWN OF PINES, INDIANA

PROPERTY ID	SAMPLE ID	SAMPLE DATE	ANALYTE: UNITS: SAMPLE TYPE	ARSENIC	LEAD	THALLIUM
				mg/kg	mg/kg	mg/kg
GS128	GS128SS101315S	10/13/2015	N	3.61	44.3	0.082 J+
GS129	GS129SS120415S	12/4/2015	N	2.53	4.45	0.041
GS130	GS130SS120315S	12/3/2015	N	0.800	3.96	0.020 U
GS130	GS130SS120315D	12/3/2015	FD	0.870	4.84	0.020 U
GS132	GS132QASS012716S	1/27/2016	N	4.08	236 J	0.092
GS132	GS132QASS012716D	1/27/2016	FD	4.04	140 J	0.099
GS132	GS132QANS012716S	1/27/2016	N	2.79	76.4 J	0.052
GS132	GS132QASB012716S	1/27/2016	N	1.49	13.3 J	0.024 U
GS132	GS132QBSS012716S	1/27/2016	N	3.26	40.5 J	0.065
GS132	GS132QBSS012716X	1/27/2016	N	2.39	32.3 J	0.055
GS132	GS132QBSS012716Z	1/27/2016	N	2.44	68.9 J	0.067
GS132	GS132QBNS012716S	1/27/2016	N	1.41	3.86 J	0.042
GS132	GS132QBNS012716X	1/27/2016	N	1.39	5.89 J	0.036
GS132	GS132QBNS012716Z	1/27/2016	N	1.34	6.90 J	0.034
GS132	GS132QBSB012716S	1/27/2016	N	1.46	5.21 J	0.025 U
GS132	GS132QBSB012716X	1/27/2016	N	3.12	82.5 J	0.026 U
GS132	GS132QBSB012716Z	1/27/2016	N	1.79	51.4 J	0.022 U
GS132	GS132QCSS012716S	1/27/2016	N	3.20	171 J	0.060
GS132	GS132QCNS012716S	1/27/2016	N	1.44	3.34 J	0.032
GS132	GS132QCSB012716S	1/27/2016	N	1.45	1.34 J	0.019 U
GS132	GS132QDSS012716S	1/27/2016	N	2.13	13.6 J	0.046
GS132	GS132QDSS012716X	1/27/2016	N	2.43	13.4 J	0.049
GS132	GS132QDSS012716Z	1/27/2016	N	3.20	42.3 J	0.061
GS132	GS132QDNS012716S	2/26/2016	N	1.21 J	2.88 J	0.041 U
GS133	GS133QASS123015S	12/30/2015	N	2.76 J	25.8 J	0.059
GS133	GS133QANS123015S	12/30/2015	N	4.95 J	38.7 J	0.082
GS133	GS133QBSS123015S	12/30/2015	N	4.45 J	103 J	0.092
GS133	GS133QBNS123015S	2/26/2016	N	2.09 J	143 J	0.051 J
GS133	GS133QCSS123015S	12/30/2015	N	2.91 J	27.9 J	0.051
GS133	GS133QCSS123015X	12/30/2015	N	6.39 J	21.3 J	0.085
GS133	GS133QCSS123015Z	12/30/2015	N	4.07 J	35.1 J	0.073
GS133	GS133QCSS123015D	12/30/2015	FD	3.64 J	35.6 J	0.070
GS133	GS133QCNS123015S	2/26/2016	N	2.64 J	9.55 J	0.054 J
GS133	GS133QDSS123015S	12/30/2015	N	4.86 J	78.1 J	0.074
GS133	GS133QDNS123015S	2/26/2016	N	1.68 J	15.0 J	0.035 U
GS134	GS134SS120315S	12/3/2015	N	2.54	26.6	0.041
GS135	GS135QXSS112415S	11/24/2015	N	14.0	27.3	0.923
GS135	GS135QZSS112415S	11/24/2015	N	17.0	26.4	1.05
GS135	GS135SS112415S	11/24/2015	N	2.58	32.7	0.046
GS136	GS136QGSS112415S	11/24/2015	N	15.7	24.6	0.993
GS136	GS136QZSS112415S	11/24/2015	N	15.3	22.0	0.837
GS136	GS136SS112415S	11/24/2015	N	2.78	13.1	0.063

TABLE 6
VALIDATED PROPERTY SOIL CHARACTERIZATION RESULTS
REMEDIAL DESIGN / REMEDIAL ACTION
TOWN OF PINES SUPERFUND SITE
OPERABLE UNIT 2
TOWN OF PINES, INDIANA

PROPERTY ID	SAMPLE ID	SAMPLE DATE	ANALYTE: UNITS: SAMPLE TYPE	ARSENIC	LEAD	THALLIUM
				mg/kg	mg/kg	mg/kg
GS137	GS137QASS012516S	1/25/2016	N	3.51	34.6 J	0.110
GS137	GS137QANS012516S	1/25/2016	N	1.75	12.2 J	0.046
GS137	GS137QASB012516S	1/25/2016	N	1.06	2.18 J	0.025 U
GS137	GS137QBSS012516S	1/25/2016	N	3.66 J	98.8 J	0.094 J
GS137	GS137QBSS012516D	1/25/2016	FD	6.66 J	149 J	0.170 J
GS137	GS137QBNS012516S	1/25/2016	N	5.30	104 J	0.095
GS137	GS137QBSB012516S	1/25/2016	N	1.08	2.17 J	0.018 U
GS137	GS137QCSS012516S	1/25/2016	N	5.40	40.5 J	0.118
GS137	GS137QCNS012516S	1/25/2016	N	4.76	219 J	0.121
GS137	GS137QCSB012516S	1/25/2016	N	4.97	14.9 J	0.067
GS137	GS137QDSS012516S	1/25/2016	N	3.28	162 J	0.080
GS137	GS137QDSS012516X	1/25/2016	N	3.77	249 J	0.090
GS137	GS137QDSS012516Z	1/25/2016	N	5.17	134 J	0.129
GS137	GS137QDNS012516S	1/25/2016	N	2.34	36.6 J	0.051
GS137	GS137QDNS012516X	1/25/2016	N	1.91	77.4 J	0.049
GS137	GS137QDNS012516Z	1/25/2016	N	3.59	99.5 J	0.048
GS137	GS137QDSB012516S	1/25/2016	N	5.66	44.2 J	0.128
GS137	GS137QDSB012516X	1/25/2016	N	1.50	4.27 J	0.040
GS137	GS137QDSB012516Z	1/25/2016	N	2.04	72.8 J	0.052
GS137	GS137QPSS012516S	1/25/2016	N	5.80	60.4 J	0.145
GS137	GS137QPNS012516S	1/25/2016	N	1.64	71.7	0.054 J+
GS137	GS137QPSB012516S	1/25/2016	N	1.01	4.79	0.037 J+
GS138	GS138SS112515S	11/25/2015	N	3.62	40.3 J	0.107
GS138	GS138SS112515D	11/25/2015	FD	3.40	25.1 J	0.094
GS142	GS142SS101116S	10/11/2016	N	2.75	41.4	0.071
GS142	GS142SS101116D	10/11/2016	FD	3.25	42.2	0.098
GS143	GS143SS120415S	12/4/2015	N	4.32	74.0	0.114
GS144	GS144QXSS121815S	12/18/2015	N	4.60 J	43.4	0.160
GS144	GS144QZSS121815S	12/18/2015	N	2.81 J	38.9	0.056
GS144	GS144SS121815S	12/18/2015	N	2.50 J	24.0	0.055
GS144	GS144SS121815D	12/18/2015	FD	2.68 J	23.9	0.055
GS145	GS145SS121815S	12/18/2015	N	4.51	39.9	0.069
GS146	GS146QASS012516S	1/25/2016	N	8.48 J	376 J	0.270 J+
GS146	GS146QASS012516D	1/25/2016	FD	6.04 J	208 J	0.200 J+
GS146	GS146QANS012516S	1/25/2016	N	8.34 J	169 J	0.277 J+
GS146	GS146QBSS012516S	1/25/2016	N	12.5 J	251 J	0.475 J+
GS146	GS146QBNS012516S	1/25/2016	N	13.2 J	56.6 J	0.592 J+
GS146	GS146QCSS012516S	1/25/2016	N	14.7 J	150 J	0.581 J+
GS146	GS146QCNS012516S	1/25/2016	N	2.49 J	11.2 J	0.079 J+
GS146	GS146QDSS012516S	1/25/2016	N	2.76 J	9.78 J	0.053 J+
GS146	GS146QDNS012516S	1/25/2016	N	2.67 J	25.1 J	0.057 J+
GS147A	GS147QASS012616S	1/26/2016	N	12.5	29.6	1.25 J+

TABLE 6
VALIDATED PROPERTY SOIL CHARACTERIZATION RESULTS
REMEDIAL DESIGN / REMEDIAL ACTION
TOWN OF PINES SUPERFUND SITE
OPERABLE UNIT 2
TOWN OF PINES, INDIANA

PROPERTY ID	SAMPLE ID	SAMPLE DATE	ANALYTE: UNITS: SAMPLE TYPE	ARSENIC	LEAD	THALLIUM
				mg/kg	mg/kg	mg/kg
GS147A	GS147QANS012616S	1/26/2016	N	16.5	33.1	0.968 J+
GS147A	GS147QASB012616S	1/26/2016	N	0.920	4.82	0.024 U
GS147A	GS147QBSS012616S	1/26/2016	N	1.44	7.55	0.018 U
GS147A	GS147QBSS012616X	1/26/2016	N	18.1	28.0	0.909 J+
GS147A	GS147QBSS012616Z	1/26/2016	N	11.2	27.6	0.610 J+
GS147A	GS147QBNS012616S	1/26/2016	N	17.3	20.6	0.946 J+
GS147A	GS147QBNS012616X	1/26/2016	N	23.7	26.0	1.44 J+
GS147A	GS147QBNS012616Z	1/26/2016	N	9.10	27.1	0.525 J+
GS147A	GS147QBSB012616S	1/26/2016	N	12.0	31.4	0.608 J+
GS147A	GS147QBSB012616X	1/26/2016	N	1.54	10.6	0.036 U
GS147A	GS147QBSB012616Z	1/26/2016	N	1.58	11.2	0.031 U
GS147A	GS147QCSS012616S	1/26/2016	N	3.06	16.6 J	0.078 J+
GS147A	GS147QCSS012616D	1/26/2016	FD	3.50	26.7 J	0.111 J+
GS147A	GS147QCNS012616S	2/26/2016	N	1.47 J	8.38 J	0.038 U
GS147A	GS147QDSS012616S	1/26/2016	N	2.71	40.4	0.076 J+
GS147A	GS147QDNS012616S	1/26/2016	N	1.55	8.62	0.034 U
GS148	GS148SS122115S	12/21/2015	N	3.94 J	18.0	0.148
GS149	GS149SS060717S	6/7/2017	N	3.12	22.3	0.078
GS150	GS150QXSS122215S	12/22/2015	N	2.64 J	33.9	0.091
GS150	GS150QZSS122215S	12/22/2015	N	2.09 J	8.65	0.088
GS150	GS150SS122215S	12/22/2015	N	2.47 J	11.0	0.040
GS150	GS150SS122215D	12/22/2015	FD	1.68 J	9.98	0.038
GS151	GS151QASS012716S	1/27/2016	N	3.53	12.5	0.092 J+
GS151	GS151QANS012716S	1/27/2016	N	2.50	10.5	0.035 U
GS151	GS151QASB012716S	1/27/2016	N	1.38	3.11	0.019 U
GS151	GS151QBSS012716S	1/27/2016	N	2.52	23.6	0.049 U
GS151	GS151QBSS012716D	1/27/2016	FD	3.68	21.4	0.093 J+
GS151	GS151QBNS012716S	1/27/2016	N	1.83	27.0	0.034 U
GS151	GS151QCSS012716S	1/27/2016	N	2.29	19.3	0.032 U
GS151	GS151QCNS012716S	2/26/2016	N	1.63 J	7.68 J	0.034 U
GS151	GS151QDSS012716S	1/27/2016	N	1.85	18.7	0.052 J+
GS152	GS152SS042916S	4/29/2016	N	2.91	26.5	0.065
GS153	GS153QXSS062316S	6/23/2016	N	30.9	30.9 J	1.33
GS153	GS153QZSS220518S	5/18/2022	N	20.1	28.4	0.971
GS153	GS153SS062316S	6/23/2016	N	15.3 J	35.3 J	0.218 J
GS154	GS154QXSS062316S	6/23/2016	N	14.7	37.2 J	0.915
GS154	GS154SS062316S	6/23/2016	N	21.1 J	20.4 J	0.118 J
GS154	GS154SS062316D	6/23/2016	FD	18.0 J	19.6 J	0.120 J
GS155	GS155QASS082516S	8/25/2016	N	3.56 J	13.8 J	0.141 J
GS155	GS155QASS082516X	8/25/2016	N	4.03 J	53.7 J	0.123 J
GS155	GS155QASS082516Z	8/25/2016	N	3.02 J	18.4 J	0.134 J
GS155	GS155QANS082516S	8/25/2016	N	1.41 J	8.80 J	0.085 J

TABLE 6
VALIDATED PROPERTY SOIL CHARACTERIZATION RESULTS
REMEDIAL DESIGN / REMEDIAL ACTION
TOWN OF PINES SUPERFUND SITE
OPERABLE UNIT 2
TOWN OF PINES, INDIANA

PROPERTY ID	SAMPLE ID	SAMPLE DATE	ANALYTE: UNITS: SAMPLE TYPE	ARSENIC	LEAD	THALLIUM
				mg/kg	mg/kg	mg/kg
GS155	GS155QANS082516X	8/25/2016	N	1.29 J	48.2 J	0.059 J
GS155	GS155QANS082516Z	8/25/2016	N	1.41 J	34.0 J	0.050 J
GS155	GS155QASB082516S	8/25/2016	N	1.46 J	13.7 J	0.036 J
GS155	GS155QASB082516X	8/25/2016	N	1.33 J	3.46 J	0.025 J
GS155	GS155QASB082516Z	8/25/2016	N	1.47 J	14.4 J	0.028 J
GS155	GS155QBSS082516S	8/25/2016	N	4.08 J	31.1 J	0.116 J
GS155	GS155QBSS082516X	8/25/2016	N	10.4 J	89.9 J	0.090 J
GS155	GS155QBSS082516Z	8/25/2016	N	1.69 J	17.5 J	0.034 J
GS155	GS155QBNS082516S	8/25/2016	N	2.88 J	246 J	0.044 J
GS155	GS155QBNS082516X	8/25/2016	N	1.82 J	151 J	0.026 J
GS155	GS155QBNS082516Z	8/25/2016	N	3.48 J	167 J	0.052 J
GS155	GS155QBSB082516S	8/25/2016	N	1.11 J	22.3 J	0.022 J
GS155	GS155QBSB082516X	8/25/2016	N	0.820 J	9.68 J	0.016 U
GS155	GS155QBSB082516Z	8/25/2016	N	1.04 J	5.84 J	0.023 J
GS155	GS155QCSS082516S	8/25/2016	N	2.75 J	27.2 J	0.036 J
GS155	GS155QCSS082516D	8/25/2016	FD	1.80 J	22.9 J	0.037 J
GS155	GS155QCNS082516S	8/25/2016	N	2.27 J	20.5 J	0.040 J
GS155	GS155QCSB082516S	8/25/2016	N	1.43 J	9.27 J	0.021 J
GS155	GS155QDSS082516S	8/25/2016	N	7.07 J	35.6 J	0.127 J
GS155	GS155QDNS082516S	8/25/2016	N	2.00 J	26.0 J	0.025 J
GS155	GS155QDSB082516S	8/25/2016	N	1.38 J	14.3 J	0.017 J
GS156	GS156SS070616S	7/6/2016	N	3.62	31.1	0.054 U
GS158	GS158SS062316S	6/23/2016	N	1.99	32.2	0.068 J
GS159	GS159QPSS062116S	6/21/2016	N	5.24	15.1 J	0.120
GS159	GS159SS062116S	6/21/2016	N	4.17	15.2 J	0.088
GS160	GS160SS070516S	7/5/2016	N	2.66	6.05	0.045 U
GS160	GS160SS070516D	7/5/2016	FD	2.86	6.20	0.042 U
GS161	GS161SS062016S	6/20/2016	N	4.08	19.3 J	0.094
GS162	GS162SS062116S	6/21/2016	N	3.80	15.8 J	0.076
GS162	GS162SS062116D	6/21/2016	FD	4.89	20.7 J	0.089
GS163	GS163QXSS070120S	7/1/2020	N	1.65	30.5	0.051
GS163	GS163QYSS070120S	7/1/2020	N	3.05	44.1	0.077
GS163	GS163SS070120S	7/1/2020	N	2.91	54.5	0.076
GS164	GS164QPSS062116S	6/21/2016	N	2.22	17.1 J	0.069
GS164	GS164SS062116S	6/21/2016	N	2.71	30.1 J	0.064
GS165	GS165SS062016S	6/20/2016	N	6.18	24.7 J	0.042 U
GS166	GS166QGSS102516S	10/25/2016	N	3.96	45.1	0.068
GS166	GS166SS102516S	10/25/2016	N	3.18	78.6	0.046
GS167	GS167SS062216S	6/22/2016	N	5.29	35.5 J	0.101
GS168	GS168SS062116S	6/21/2016	N	14.4	36.7 J	0.083
GS169	GS169QXSS070516S	7/5/2016	N	66.8	63.8	3.11 J
GS169	GS169QZSS220518S	5/18/2022	N	4.97	39.6	0.164

TABLE 6
VALIDATED PROPERTY SOIL CHARACTERIZATION RESULTS
REMEDIAL DESIGN / REMEDIAL ACTION
TOWN OF PINES SUPERFUND SITE
OPERABLE UNIT 2
TOWN OF PINES, INDIANA

PROPERTY ID	SAMPLE ID	SAMPLE DATE	ANALYTE: UNITS: SAMPLE TYPE	ARSENIC	LEAD	THALLIUM
				mg/kg	mg/kg	mg/kg
GS169	GS169SS070516S	7/5/2016	N	2.54	29.3	0.049 U
GS170	GS170QASS082616S	8/26/2016	N	2.04	8.71	0.041
GS170	GS170QANS082616S	8/26/2016	N	2.17	6.75	0.130
GS170	GS170QBSS082616S	8/26/2016	N	2.23	8.91	0.049
GS170	GS170QBSS082616D	8/26/2016	FD	2.22	9.62	0.049
GS170	GS170QBNS082616S	8/26/2016	N	2.23	13.5	0.053
GS170	GS170QCSS082616S	8/26/2016	N	3.42	9.28	0.048
GS170	GS170QCNS082616S	8/26/2016	N	1.58	7.85	0.052
GS170	GS170QDSS082616S	8/26/2016	N	3.56	16.2	0.069
GS170	GS170QDNS082616S	8/26/2016	N	1.92	5.63	0.040
GS171	GS171QGSS081816S	8/18/2016	N	15.4	14.4	0.068
GS171	GS171SS081816S	8/18/2016	N	2.30	37.0	0.043 U
GS172	GS172SS081816S	8/18/2016	N	1.86	8.62	0.066
GS172	GS172SS081816D	8/18/2016	FD	1.69	8.58	0.043 U
GS173	GS173SS101116S	10/11/2016	N	2.37	36.5	0.033
GS174	GS174SS101016S	10/10/2016	N	2.85	17.5	0.111
GS175	GS175QXSS101216S	10/12/2016	N	5.67	103	0.186
GS175	GS175SS101216S	10/12/2016	N	3.32	66.0	0.087
GS175	GS175SS101216D	10/12/2016	FD	3.22	64.2	0.075
GS176	GS176SS101216S	10/12/2016	N	1.76	17.2	0.034
GS177	GS177QXSS101016S	10/10/2016	N	2.42	88.2	0.055
GS177	GS177SS101016S	10/10/2016	N	1.92	23.8	0.062
GS177	GS177SS101016D	10/10/2016	FD	2.56	24.1	0.072
GS178	GS178QGSS102016S	10/20/2016	N	3.96	21.1	0.072
GS178	GS178QXSS102016S	10/20/2016	N	3.16	16.1	0.072
GS178	GS178SS102016S	10/20/2016	N	3.47	23.5	0.049
GS179	GS179QGSS101916S	10/19/2016	N	4.51	136	0.061
GS179	GS179QXSS101916S	10/19/2016	N	1.71	22.3	0.064
GS179	GS179QXSS101916D	10/19/2016	FD	1.53	22.4	0.048
GS179	GS179QYSS101916S	10/19/2016	N	3.84	9.09	0.152
GS179	GS179SS101916S	10/19/2016	N	3.00	79.3	0.043
GS180	GS180QXSS101216S	10/12/2016	N	8.61	146	0.247
GS180	GS180QYSS101216S	10/12/2016	N	2.18	22.1	0.056
GS180	GS180SS101216S	10/12/2016	N	3.30	42.4	0.124
GS181	GS181QXSS102416S	10/24/2016	N	2.25	17.0	0.056
GS181	GS181SS102416S	10/24/2016	N	3.12 J	31.5 J	0.093 J
GS181	GS181SS102416D	10/24/2016	FD	6.42 J	13.7 J	0.306 J
GS182	GS182SS101116S	10/11/2016	N	2.27	33.5	0.068
GS183	GS183SS101116S	10/11/2016	N	2.75	47.8	0.077
GS184	GS184SS102116S	10/21/2016	N	3.63	26.1	0.058
GS185	GS185SS102116S	10/21/2016	N	2.73	18.3	0.062
GS186	GS186SS102516S	10/25/2016	N	4.93	51.6	0.107

TABLE 6
VALIDATED PROPERTY SOIL CHARACTERIZATION RESULTS
REMEDIAL DESIGN / REMEDIAL ACTION
TOWN OF PINES SUPERFUND SITE
OPERABLE UNIT 2
TOWN OF PINES, INDIANA

PROPERTY ID	SAMPLE ID	SAMPLE DATE	ANALYTE: UNITS: SAMPLE TYPE	ARSENIC	LEAD	THALLIUM
				mg/kg	mg/kg	mg/kg
GS187	GS187QXSS102516S	10/25/2016	N	4.72	19.4	0.268
GS187	GS187SS102516S	10/25/2016	N	2.89	22.9	0.069
GS188	GS188SS101916S	10/19/2016	N	4.63	20.0	0.103
GS189	GS189SS102416S	10/24/2016	N	3.02	32.9	0.070
GS190	GS190SS111816S	11/18/2016	N	2.54	34.1	0.056
GS191	GS191QASS121316S	12/13/2016	N	10.9 J	25.9 J	0.433 J
GS191	GS191QASS121316D	12/13/2016	FD	3.53 J	26.2 J	0.085 J
GS191	GS191QANS121316S	12/13/2016	N	3.38 J	496 J	0.058
GS191	GS191QASB121316S	12/13/2016	N	0.880 J	1.05 J	0.020 U
GS191	GS191QBSS121316S	12/13/2016	N	16.3 J	159 J	0.245
GS191	GS191QBNS121316S	12/13/2016	N	1.43 J	14.0 J	0.021 U
GS191	GS191QBSB121316S	12/13/2016	N	0.870 J	1.14 J	0.019 U
GS191	GS191QCSS121316S	12/13/2016	N	6.35 J	114 J	0.065
GS191	GS191QCNS121316S	12/13/2016	N	4.75 J	31.7 J	0.081
GS191	GS191QCSB121316S	12/13/2016	N	2.93 J	19.8 J	0.051
GS191	GS191QDSS121316S	12/13/2016	N	4.95 J	53.8 J	0.130
GS191	GS191QDNS121316S	12/13/2016	N	4.26 J	137 J	0.076
GS191	GS191QDSB121316S	12/13/2016	N	2.39 J	16.2 J	0.047
GS191	GS191QGSS121316S	12/13/2016	N	8.18 J	305 J	0.103
GS191	GS191QGNS121316S	12/13/2016	N	6.83 J	54.5 J	0.240
GS191	GS191QGSB121316S	12/13/2016	N	2.77 J	17.2 J	0.038 U
GS192	GS192SS111716S	11/17/2016	N	5.61	39.2	0.058
GS193	GS193SS112116S	11/21/2016	N	17.7 J	44.4 J	0.250 J
GS194	GS194QGSS111716S	11/17/2016	N	13.8	525	0.099
GS194	GS194SS111716S	11/17/2016	N	2.72	22.4	0.070
GS195	GS195SS111716S	11/17/2016	N	2.76	19.2	0.072
GS195	GS195SS111716D	11/17/2016	FD	3.32	20.7	0.080
GS196	GS196SS112116S	11/21/2016	N	3.00	22.2	0.049
GS197	GS197SS112216S	11/22/2016	N	5.28	14.6	0.059
GS198	GS198QXSS112216S	11/22/2016	N	19.9	25.2	1.20
GS198	GS198QXSS112216D	11/22/2016	FD	20.5	26.4	1.27
GS198	GS198SS112216S	11/22/2016	N	28.7 J	43.5 J	0.216 J
GS199	GS199QASS100917S	10/9/2017	N	3.85	65.4	0.104 J
GS199	GS199QANS100917S	10/9/2017	N	1.72	14.5	0.038 J
GS199	GS199QBSS100917S	10/9/2017	N	18.0	111	0.150 J
GS199	GS199QBNS100917S	10/9/2017	N	7.82	46.8	0.289 J
GS199	GS199QBSB100917S	10/9/2017	N	1.77	8.36	0.034 J
GS199	GS199QCSS101017S	10/10/2017	N	6.61	137 J	0.096 J
GS199	GS199QCSS101017D	10/10/2017	FD	4.93	62.7 J	0.098 J
GS199	GS199QCNS101017S	10/10/2017	N	16.9	129	0.158 J
GS199	GS199QDSS101017S	10/10/2017	N	2.10	52.8	0.043 J
GS199	GS199QDNS101017S	10/10/2017	N	3.38	199	0.067 J

TABLE 6
VALIDATED PROPERTY SOIL CHARACTERIZATION RESULTS
REMEDIAL DESIGN / REMEDIAL ACTION
TOWN OF PINES SUPERFUND SITE
OPERABLE UNIT 2
TOWN OF PINES, INDIANA

PROPERTY ID	SAMPLE ID	SAMPLE DATE	ANALYTE: UNITS: SAMPLE TYPE	ARSENIC	LEAD	THALLIUM
				mg/kg	mg/kg	mg/kg
GS199	GS199QDSB101017S	10/10/2017	N	2.31	61.1	0.048 J
GS199	GS199QGSS101017S	10/10/2017	N	2.75	22.3	0.060 J
GS199	GS199QGNS101017S	10/10/2017	N	2.49	23.2	0.063 J
GS200	GS200QXSS041717S	4/17/2017	N	15.0	22.4	0.530
GS200	GS200SS041717S	4/17/2017	N	3.43	53.5	0.087
GS201	GS201QASS062717S	6/27/2017	N	2.60	10.5	0.033 U
GS201	GS201QANS062717S	6/27/2017	N	1.67	4.54	0.020 U
GS201	GS201QBSS062717S	6/27/2017	N	2.33	17.6	0.031 U
GS201	GS201QBNS062717S	6/27/2017	N	3.04	65.0	0.054 U
GS201	GS201QCSS062717S	6/27/2017	N	2.05	71.2	0.039 U
GS201	GS201QCNS062717S	6/27/2017	N	1.80	34.1	0.038 U
GS201	GS201QDSS062717S	6/27/2017	N	15.0	41.4	0.602
GS201	GS201QDSS062717D	6/27/2017	FD	10.7 J	34.1	0.407 J
GS201	GS201QDNS062717S	6/27/2017	N	11.9	36.3	0.544
GS201	GS201QDSB062717S	6/27/2017	N	0.950	2.95	0.029 U
GS202	GS202QASS062817S	6/28/2017	N	3.00	56.7	0.049 U
GS202	GS202QANS062817S	6/28/2017	N	2.10	22.8	0.044 U
GS202	GS202QBSS062817S	6/28/2017	N	4.10	34.7	0.176 J
GS202	GS202QBNS062817S	6/28/2017	N	1.51	9.44	0.036 U
GS202	GS202QCSS062817S	6/28/2017	N	3.70	154	0.089
GS202	GS202QCNS062817S	6/28/2017	N	2.88	66.5	0.136 J
GS202	GS202QCSB062817S	6/28/2017	N	0.850	4.69	0.019 U
GS202	GS202QDSS062817S	6/28/2017	N	10.8	33.3	0.407
GS202	GS202QDSS062817D	6/28/2017	FD	10.0	34.5	0.442 J
GS202	GS202QDNS062817S	6/28/2017	N	10.6	42.1	0.616 J
GS202	GS202QDSB062817S	6/28/2017	N	0.770	1.55	0.021 U
GS203	GS203QGSS060717S	6/7/2017	N	3.98	32.4	0.087
GS203	GS203SS060717S	6/7/2017	N	2.33	22.2	0.052
GS204	GS204QXSS062617S	6/26/2017	N	10.4	144	0.122
GS204	GS204SS062617S	6/26/2017	N	1.11	5.33	0.017 J
GS205	GS205SS081717S	8/17/2017	N	2.61 J	49.8 J	0.090 J
GS206	GS206QBSS101017S	10/10/2017	N	9.58	65.5	0.074 J+
GS206	GS206QBSS101017D	10/10/2017	FD	10.4	59.4	0.056 J+
GS206	GS206QBNS101017S	10/10/2017	N	2.91	36.6	0.055 J+
GS206	GS206QBSB101017S	10/10/2017	N	1.08	2.78	0.028 J+
GS206	GS206QCSS101017S	10/10/2017	N	2.98	28.9	0.049 J+
GS206	GS206QCNS101017S	10/10/2017	N	1.54	7.24	0.032 J+
GS206	GS206QDSS101017S	10/10/2017	N	1.57	7.98	0.037 J+
GS206	GS206QDNS101017S	10/10/2017	N	1.21	7.62	0.033 J+
GS207	GS207SS081817S	8/18/2017	N	2.63	26.3	0.118
GS208	GS208QASS052218S	5/22/2018	N	2.20	26.7	0.074
GS208	GS208QANS052218S	5/22/2018	N	1.90	7.57	0.049

TABLE 6
VALIDATED PROPERTY SOIL CHARACTERIZATION RESULTS
REMEDIAL DESIGN / REMEDIAL ACTION
TOWN OF PINES SUPERFUND SITE
OPERABLE UNIT 2
TOWN OF PINES, INDIANA

PROPERTY ID	SAMPLE ID	SAMPLE DATE	ANALYTE: UNITS: SAMPLE TYPE	ARSENIC	LEAD	THALLIUM
				mg/kg	mg/kg	mg/kg
GS208	GS208QASB052218S	5/22/2018	N	1.80	3.70	0.033
GS208	GS208QBSS052218S	5/22/2018	N	4.15	42.4	0.099
GS208	GS208QBSS052218D	5/22/2018	FD	3.87	44.4	0.100
GS208	GS208QBNS052218S	5/22/2018	N	2.55	17.3	0.067
GS208	GS208QCSS052218S	5/22/2018	N	12.7	27.1	0.413
GS208	GS208QCNS052218S	5/22/2018	N	3.84	22.9	0.104
GS208	GS208QCSB052218S	5/22/2018	N	1.27	2.16	0.025
GS208	GS208QDSS052218S	5/22/2018	N	17.5	37.6	0.686
GS208	GS208QDNS052218S	5/22/2018	N	11.1	45.1	0.433
GS208	GS208QDSB052218S	5/22/2018	N	1.74	5.65	0.045
GS208	GS208QGSS052218S	5/22/2018	N	3.57	33.6	0.115
GS208	GS208QGNS052218S	5/22/2018	N	1.52	7.22	0.046
GS208	GS208QGSB052218S	5/22/2018	N	1.17	2.84	0.023
GS209	GS209QASS022819S	2/28/2019	N	1.96	65.4	0.051
GS209	GS209QANS022819S	2/28/2019	N	1.98	118	0.038
GS209	GS209QBSS022819S	2/28/2019	N	5.06	59.9	0.178
GS209	GS209QBSS022819D	2/28/2019	FD	4.27	80.2	0.138
GS209	GS209QBNS022819S	2/28/2019	N	2.35	17.8	0.117
GS209	GS209QBSB022819S	2/28/2019	N	1.21	2.48	0.021
GS209	GS209QCSS022819S	2/28/2019	N	4.38	95.3	0.115
GS209	GS209QCNS022819S	2/28/2019	N	3.06	104	0.105
GS209	GS209QCSB022819S	2/28/2019	N	1.25	1.71	0.017
GS209	GS209QDSS022819S	2/28/2019	N	2.87	50.6	0.059
GS209	GS209QDNS022819S	2/28/2019	N	1.62	19.6	0.039
GS209	GS209QDSB022819S	2/28/2019	N	1.17	12.1	0.017
GS210	GS210QGSS070218S	7/2/2018	N	9.56	33.8	0.203 J
GS210	GS210QXSS070218S	7/2/2018	N	5.45	16.8	0.191 J
GS210	GS210SS070218S	7/2/2018	N	3.39	39.2	0.094 J
GS211	GS211QASS090920S	9/9/2020	N	2.70	67.2	0.068 J
GS211	GS211QANS090920S	9/9/2020	N	1.63	18.6	0.035 J
GS211	GS211QBSS090920S	9/9/2020	N	2.12	15.0	0.053 J
GS211	GS211QBNS090920S	9/9/2020	N	1.63	7.50	0.042 J
GS211	GS211QBSB090920S	9/9/2020	N	1.16	1.88	0.015 J
GS211	GS211QCSS090920S	9/9/2020	N	4.27	32.9	0.075 J
GS211	GS211QCSS090920D	9/9/2020	FD	5.63	32.5	0.144 J
GS211	GS211QCNS090920S	9/9/2020	N	84.5	12.3	0.044 J
GS211	GS211QCNS090920S1	9/9/2020	N	5.24 J	15.6 J	0.058
GS211	GS211QCNS090920S2	9/9/2020	N	9.05 J	14.7 J	0.060
GS211	GS211QCNS090920S3	9/9/2020	N	12.8 J	15.4 J	0.051
GS211	GS211QCSB090920S	9/9/2020	N	1.82	2.00	0.011 J
GS211	GS211QDSS090920S	9/9/2020	N	2.13	13.3	0.038 J
GS211	GS211QDNS090920S	9/9/2020	N	1.63	5.33	0.019 J

TABLE 6
VALIDATED PROPERTY SOIL CHARACTERIZATION RESULTS
REMEDIAL DESIGN / REMEDIAL ACTION
TOWN OF PINES SUPERFUND SITE
OPERABLE UNIT 2
TOWN OF PINES, INDIANA

PROPERTY ID	SAMPLE ID	SAMPLE DATE	ANALYTE: UNITS: SAMPLE TYPE	ARSENIC	LEAD	THALLIUM
				mg/kg	mg/kg	mg/kg
GS211	GS211QGSS090920S	9/9/2020	N	22.4	55.4	0.083 J
GS211	GS211QGSS220516S	5/16/2022	N	1.98	13.7	0.040 U
GS211	GS211QGSS220516X	5/16/2022	N	2.18	15.0	0.046 U
GS211	GS211QGSS220516Z	5/16/2022	N	2.06	14.8	0.046 U
GS211	GS211QGNS090920S	9/9/2020	N	14.1	29.3	0.045 J
GS211	GS211QXSS090920S	9/9/2020	N	2.49	14.5	0.029 J
GS211	GS211QXNS090920S	9/9/2020	N	1.73	5.66	0.017 J
GS211	GS211QYSS090920S	9/9/2020	N	1.89	11.4	0.039 J
GS211	GS211QYNS090920S	9/9/2020	N	1.27	4.56	0.035 J
GS212	GS212QGSS063020S	6/30/2020	N	3.53	16.2	0.072
GS212	GS212QXSS063020S	6/30/2020	N	53.4	43.6	2.36
GS212	GS212QXSS063020D	6/30/2020	FD	51.5	42.6	2.38
GS212	GS212QZSS220518S	5/18/2022	N	20.0	43.1	0.764
GS212	GS212QZSS220518D	5/18/2022	FD	23.0	52.0	0.884
GS212	GS212SS063020S	6/30/2020	N	4.03	18.2	0.100
GS213	GS213QXSS120820S	12/8/2020	N	4.70	12.7 J	0.136
GS213	GS213QXSS120820D	12/8/2020	FD	4.09	11.9 J	0.122
GS213	GS213QZSS120820S	12/8/2020	N	4.56	11.3 J	0.189
GS213	GS213SS120820S	12/8/2020	N	2.06	32.6 J	0.062
GS214	GS214QASS220819S	8/19/2022	N	2.38	31.3	0.084
GS214	GS214QANS220819S	8/19/2022	N	1.48	2.15	0.027 U
GS214	GS214QBSS220819S	8/19/2022	N	2.42	39.5	0.067
GS214	GS214QBNS220819S	8/19/2022	N	1.27	2.77	0.023 U
GS214	GS214QCSS220819D	8/19/2022	N	3.06	52.4	0.052 U
GS214	GS214QCSS220819S	8/19/2022	N	3.41	51.4	0.055
GS214	GS214QCNS220819S	8/19/2022	N	1.33	5.66	0.025 U
GS214	GS214QDSS220819S	8/19/2022	N	3.80	43.1	0.088
GS214	GS214QDNS220819S	8/19/2022	N	1.92	8.83	0.038 U
GS215	GS215QZSS220517S	5/17/2022	N	3.53	36.8	0.094
GS215	GS215SS220517S	5/17/2022	N	3.74	30.4	0.094
GS216	GS216SS220519S	5/19/2022	N	2.33	32.8	0.048 U
GS217	GS217QXSS220518S	5/18/2022	N	3.77	90.8	0.084
GS217	GS217SS220518S	5/18/2022	N	2.27	39.6	0.056 U
GS217	GS217SS220518D	5/18/2022	FD	2.30	39.6	0.055 U
GS218	GS218QASS220819D	8/19/2022	N	5.97	26.8	0.305
GS218	GS218QASS220819S	8/19/2022	N	7.30	24.5	0.322
GS218	GS218QANS220819S	8/19/2022	N	4.72	7.97	0.263
GS219	GS219QASS221205S	12/5/2022	N	4.52	108 J	0.095
GS219	GS219QASS221205D	12/5/2022	FD	4.32	99.7 J	0.100
GS219	GS219QANS221205S	12/5/2022	N	0.770	2.38 J	0.023
GS219	GS219QBSS221205S	12/5/2022	N	3.80	231 J	0.086
GS219	GS219QBSS221205D	12/5/2022	FD	3.57	97.6 J	0.073

TABLE 6
VALIDATED PROPERTY SOIL CHARACTERIZATION RESULTS
REMEDIAL DESIGN / REMEDIAL ACTION
TOWN OF PINES SUPERFUND SITE
OPERABLE UNIT 2
TOWN OF PINES, INDIANA

				ANALYTE: UNITS:	ARSENIC mg/kg	LEAD mg/kg	THALLIUM mg/kg
PROPERTY ID	SAMPLE ID	SAMPLE DATE	SAMPLE TYPE				
GS219	GS219QBNS221205S	12/5/2022	N		1.06	3.73 J	0.025
GS219	GS219QCSS221205S	12/5/2022	N		3.25	99.2 J	0.052
GS219	GS219QCNS221205S	12/5/2022	N		1.71	103 J	0.028 U
GS219	GS219QDSS221205S	12/5/2022	N		2.92	41.7 J	0.061
GS219	GS219QDNS221205S	12/5/2022	N		0.810	1.79 J	0.021 U
GS220	GS220SS221014S	10/14/2022	N		2.95	28.4	0.100
GS220	GS220SS221014D	10/14/2022	FD		3.60	25.9	0.132

Notes:

FD - Field Duplicate

N - Normal field sample

mg/kg - milligrams per kilogram

NA - not analyzed

J - The result is an estimated quantity; the associated numerical value is the approximate analyte concentration in the sample.

J+ - The result is an estimated quantity, but the result may be biased high.

J- - The result is an estimated quantity, but the result may be biased low.

U - The analyte was analyzed, but was not detected above the sample reporting limit.

UJ - The analyte was not detected above the sample reporting limit; and the reporting limit is approximate.

FIGURES

Remedial Design / Remedial Action Progress Schedule
 May 2024 Progress Report
 Town of Pines Superfund Site Operable Unit 02
 Town of Pines, Indiana

ID	Task Name	Duration	Start	Finish	% Complete	Qtr 4, 2022			Qtr 1, 2023			Qtr 2, 2023			Qtr 3, 2023			Qtr 4, 2023			Qtr 1, 2024			Qtr 2, 2024			Qtr 3, 2024								
						Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug						
1	ASAC Work Plan Approval	0 days	Mon 5/2/16	Mon 5/2/16	100%																														
2	Pre-Mobilization Submittals under the ASAC	15 days	Mon 5/2/16	Fri 5/20/16	100%																														
3	Private Property Access/Outreach prior to RD/RA Work Plan Approval	2041 days	Mon 3/14/16	Tue 1/16/24	100%	[Progress bar from Q1 2023 to Q1 2024]																													
4	2016 Removal Work	248 days	Mon 5/23/16	Wed 5/3/17	100%	[Progress bar from Q1 2023 to Q1 2024]																													
46	2017 Removal Work	138 days	Wed 4/5/17	Fri 10/13/17	100%	[Progress bar from Q1 2023 to Q1 2024]																													
79	2018 Removal Work	121 days	Mon 4/30/18	Mon 10/15/18	100%	[Progress bar from Q1 2023 to Q1 2024]																													
89	2019 Removal Work	90 days	Tue 5/28/19	Fri 10/4/19	100%	[Progress bar from Q1 2023 to Q1 2024]																													
101	Removal Work at GS072 not scheduled at this time	0 days			0%																														
102	Closure Reporting under ASAC (90 days following RD/RA Work Plan Approval)	2043 days	Wed 6/8/16	Mon 4/15/24	100%	[Progress bar from Q1 2023 to Q1 2024]																													
103	Consent Decree for Operable Unit 2 Effective Date	0 days	Mon 9/12/22	Mon 9/12/22	100%	◆ 9/12																													
104	Payment of Past Response Costs	0 days	Wed 10/12/22	Wed 10/12/22	100%	◆ 10/12																													
105	Project Coordinator & Supervising Contractor Designation and Notification to USEPA	0 days	Wed 10/12/22	Wed 10/12/22	100%	◆ 10/12																													
106	Submittal to USEPA for approval a notice to successors in title of Affected Properties and ASAC Completed Properties with Institutional Controls owned by NIPSCO	0 days	Wed 10/12/22	Wed 10/12/22	100%	◆ 10/12																													
107	Financial test demonstration and form of financial assurance submittal to USEPA	0 days	Wed 10/12/22	Wed 10/12/22	100%	◆ 10/12																													
108	USEPA Approval of Project Coordinator & Supervising Contractor	0 days	Tue 11/8/22	Tue 11/8/22	100%	◆ 11/8																													
109	Supplemental financial assurance submittal to USEPA	0 days	Wed 11/9/22	Wed 11/9/22	100%	◆ 11/9																													
110	Supplemental financial statements submittal to USEPA	0 days	Wed 11/23/22	Wed 11/23/22	100%	◆ 11/23																													
111	Certified copies of the notice to successors in title documents for the NIPSCO owned properties submittal to USEPA	0 days	Wed 11/30/22	Wed 11/30/22	100%	◆ 11/30																													
112	Annual submittal of financial test documents to USEPA (2024)	0 days	Thu 3/28/24	Thu 3/28/24	100%																														◆ 3/28
113	USEPA Approval of RD/RA Work Plan	0 days	Tue 1/16/24	Tue 1/16/24	100%																														◆ 1/16
114	USEPA Approval of OU 2 RA Soil Component QAPP	0 days	Wed 1/17/24	Wed 1/17/24	100%																														◆ 1/17
115	Private Property Access/Outreach under RD/RA Work Plan	266 days	Fri 2/23/24	Fri 2/28/25	60%	[Progress bar from Q1 2024 to Q2 2024]																													
116	OU 2 RA Groundwater, Surface Water and Sediment Component QAPP and FSP Submittal to USEPA	0 days	Thu 2/29/24	Thu 2/29/24	100%																														◆ 2/29
117	ICIAP Submittal to USEPA	0 days	Thu 2/29/24	Thu 2/29/24	100%																														◆ 2/29
118	Property Soil Characterization Sampling under RD/RA Work Plan (sampling intermittent)	679 days	Wed 4/24/24	Mon 11/30/26	10%	[Progress bar from Q1 2024 to Q2 2024]																													
119	Draft Revision 01 OU 2 RA Groundwater, Surface Water and Sediment Component QAPP and FSP Due to USEPA	0 days	Thu 5/16/24	Thu 5/16/24	100%																														◆ 5/16
120	Updating the RCLs for Arsenic, Thallium and Lead in Soil	77 days	Thu 3/14/24	Fri 6/28/24	60%	[Progress bar from Q1 2024 to Q2 2024]																													

Project: Town of Pines
 Date: Thu 6/13/24

Task Split

Milestone ◆

Project Summary [Bar]

Inactive Milestone ◇

Manual Task [Bar]

Manual Summary Rollup [Bar]

Start-only [Bar]

External Tasks [Bar]

Deadline [Bar]

Manual Progress [Bar]

Inactive Task [Bar]

Inactive Summary [Bar]

Duration-only [Bar]

Manual Summary [Bar]

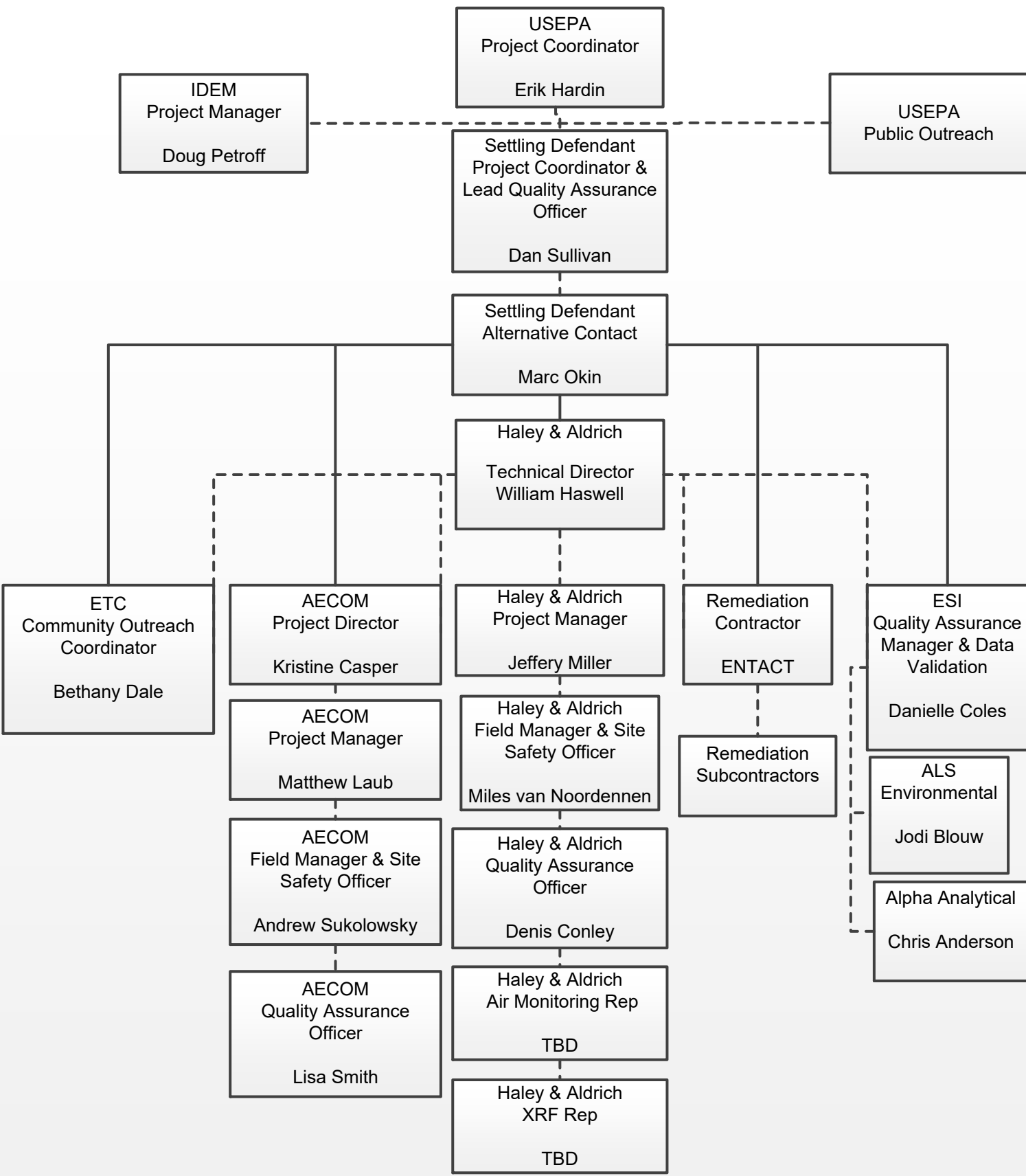
Finish-only [Bar]

External Milestone [Bar]

Progress [Bar]

Note: Dates for completed tasks have not been adjusted to reflect the actual timing of work.

\\haleyaldrich.com\sharelman_common\41911_Pines\130213-026_2022 Work Plans\Figures\2024-0613-HAI-Orig Chart-D8.vsd



SD Contractual Organization _____

Line of Communication - - - - -

TOWN OF PINES SUPERFUND SITE
OPERABLE UNIT 2 (OU 2)
TOWN OF PINES, INDIANA

PROJECT ORGANIZATIONAL CHART

SCALE: NONE
JUNE 2024

FIGURE 3

ATTACHMENT A
Access Agreements (included under separate cover;
contains Personally Identifiable Information)