

**SITE ASSESSMENT REPORT
FOR THE
HOSKINS NEW PARIS SITE
NEW PARIS, ELKHART COUNTY, INDIANA**

NPL STATUS: NON-NPL

Prepared for:

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Emergency Response Branch
Region V
77 West Jackson Boulevard
Chicago, IL 60604-3507

Prepared by:

WESTON SOLUTIONS, INC.
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Date Prepared:	May 21, 2010
Technical Direction Document No.:	S05-0001-1002-014
Document Control No.:	941-2A-AGUO
Contract No.:	EP-S5-06-04
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U.S. EPA On-Scene Coordinator:	Mike Beslow

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Prepared by: _____ Date: 5/21/2010
Jay Rauh
WESTON START Member



Reviewed and
Approved by: _____ Date: 5/21/2010
Ben Maradkel
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LIST OF ABBREVIATIONS AND ACRONYMS

AST	Aboveground storage tank
CFR	<i>Code of Federal Regulations</i>
ECHD	Elkhart County Health Department
ERB	Emergency Response Branch
Hoskins	Hoskins Manufacturing
IDEM	Indiana Department of Environmental Management
mg/L	Milligram per liter
NCP	National Oil and Hazardous Substances Pollution Contingency Plan
NOV	Notice of Violation
NRC	National Response Center
OSC	On-Scene Coordinator
PCB	Polychlorinated biphenyl
PCE	Tetrachloroethene
PDR	Personal DataRAM
ppm	Part per million
START	Superfund Technical Assessment and Response Team
SU	Standard unit
SVE	Soil vapor extraction
TCLP	Toxicity characteristic leaching procedure
TDD	Technical Direction Document
TSCA	Toxic Substances Control Act
U.S. EPA	United States Environmental Protection Agency
VOC	Volatile organic compound
WESTON	Weston Solutions, Inc.

1. INTRODUCTION

The United States Environmental Protection Agency (U.S. EPA) tasked the Weston Solutions, Inc. (WESTON®), Superfund Technical Assessment and Response Team (START) to assist U.S. EPA in performing a site assessment at the Hoskins New Paris Site in New Paris, Elkhart County, Indiana (the Site). Under Technical Direction Document (TDD) No. S05-0001-1002-014, U.S. EPA requested that WESTON START document current site conditions; collect liquid, solid, and waste samples; obtain photographic documentation; and evaluate the potential for imminent and substantial threats to human health, human welfare, and the environment posed by Site conditions. On April 13, 2010, WESTON START conducted a site assessment under the direction of U.S. EPA On-Scene Coordinator (OSC) Mike Beslow.

This site assessment report is organized into the following sections:

- **Introduction** – Provides a brief description of the objective and scope of site assessment activities;
- **Site Background** – Details the Site description and its known history;
- **Site Assessment Activities** – Discusses the site reconnaissance and observations, and sampling methods and procedures used during the site assessment;
- **Analytical Results** – Discusses analytical results for samples collected during the site assessment;
- **Threats to Human Health and the Environment** – Identifies Site conditions that may warrant a removal action under the National Oil and Hazardous Substances Pollution Contingency Plan (NCP); and
- **Conclusions**– Provides a summary of the site assessment.

Tables and figures are presented after the conclusions section. In addition, this site assessment report contains two appendices: Appendix A provides a photographic log of Site conditions at the time of the site assessment and of site assessment activities, and Appendix B provides the laboratory analytical and data validation reports for samples collected during the site assessment.

2. SITE BACKGROUND

This section discusses the site description and site history.

2.1 SITE DESCRIPTION

The Site is located at 71103 County Road 23 in New Paris, Elkhart County, Indiana (Figure 2-1). The meridian coordinates for the Site are latitude 41° 27' 56.15" North and longitude 85° 50' 17.38" West. The Site is located in a commercial area and is bordered by commercial properties to the north and south, railroad tracks to the west, and County Road 23 to the east. A residential area is located across the railroad tracks and State Highway 15 to the west, and an agricultural field and a residential property are located across County Road 23 to the east. Turkey Creek, which is located approximately 1,400 feet west of the Site, flows north and discharges into Goshen Lake.

Figure 2-2 shows an aerial photograph of the Site features, and Figure 2-3 shows the Site layout map. The Site property contains three buildings. Building 1 is the northernmost building on the property and houses two main process rooms (the Salt and Soda Room and the Batch Process Room), a Neutralization and Filter Press Room, and a Deep Well Tank Farm. Building 1 was the main focus of the site assessment.

During the site assessment, Better Way Products was conducting business activities at the Site that included transporting fiberglass molds in and out of Buildings 2 and 3. Better Way Products does not use Building 1, and the exterior doors of this building were boarded up and padlocked. Building 1 could be accessed from inside Building 2 (Figure 2-3), but access had been blocked with debris and unused equipment placed there by Better Way Products. The Site was surrounded by an approximately 8-foot-high chain-link fence with a front gate. No compromised areas were observed in the fence.

2.2 SITE HISTORY

Hoskins Manufacturing (Hoskins) produced thermoelectric nickel, chromium alloy wire, and chromium alloy ribbon at the Site. The Hoskins facility ceased operations at the Site in March 1997,

after which the company was placed under bankruptcy protection. Better Way Products, a fiberglass and open molding corporation, purchased the Site at an unknown date.

In September 1991, Hoskins reported a spill of approximately 100 gallons of tetrachloroethene (PCE) to the Indiana Department of Environmental Management (IDEM) and the U.S. EPA National Response Center (NRC). The source of the release was a punctured PCE supply line and an additional hole in a secondary containment trench located at the Site. PCE migrated to the soil, and a soil vapor extraction (SVE) and air sparging system were installed in 1992 in an attempt to remediate the contamination. IDEM performed oversight of the remediation process. When Hoskins ceased operations in March 1997, the remediation process had ceased and IDEM and the Elkhart County Health Department (ECHD) continued to monitor Site contamination.

IDEM issued a Notice of Violation (NOV) and Agreed Order dated June 19, 2000, to Hoskins. Hoskins issued a response dated September 29, 2000, that documented cleanup activities completed in an attempt to expedite closure of the Site. Hoskins identified, manifested, and removed 32 drums of hazardous materials from the Site. According to Hoskins, 47 drums of nonhazardous materials and empty drums currently remain at the Site.

The results of an IDEM-led facility investigation indicated that chromium was detected at 200 parts per million (ppm) in sludge samples collected from process rinse tanks in the Batch Process Room. Additional containers in Building 1 contained Toxicity Characteristic Leaching Procedure (TCLP) chromium at concentrations exceeding the 5.0-milligram-per-liter (mg/L) toxicity characteristic for hazardous waste set forth in Title 40 of the *Code of Federal Regulations* (CFR), Part 261.24.

ECHD contacted U.S. EPA with Site-related concerns. Both ECHD and IDEM shared concerns that contamination from the Site could spread and affect nearby residents. In February 2010, the U.S. EPA Emergency Response Branch (ERB) requested the assistance of WESTON START in conducting a site assessment to identify potential threats to human health or the environment from the potential presence of wastes at the Site.

3. SITE ASSESSMENT ACTIVITIES

This section discusses the site reconnaissance and observations and sampling activities.

3.1 SITE RECONNAISSANCE AND OBSERVATIONS

On April 13, 2010, U.S. EPA OSC Mike Beslow and WESTON START mobilized to the Site to conduct a site assessment. The photographic log in Appendix A depicts Site conditions at the time of the site reconnaissance.

During the initial site reconnaissance, WESTON START conducted air monitoring in the breathing zone using a MultiRAE five-gas meter, personal DataRAM (PDR) airborne particulate detector, and MicroR gamma radiation detector. The MultiRAE five-gas monitor includes a photoionization detector that measures for organic vapors, a carbon monoxide sensor, a hydrogen sulfide sensor, a lower explosive limit meter, and an oxygen meter. The MultiRAE five-gas meter, PDR detector, and MicroR detector did not indicate any readings above background levels.

During the site reconnaissance, Building 1 was in a state of general disrepair and had no electricity. The building's roof contained a large hole in the hallway between the Neutralization and Filter Press Room and the Deep Well Tank Farm. The Deep Well Tank Farm area appeared to have been designed to house approximately five large (about 20,000-gallon) fiberglass aboveground storage tanks (AST) inside a subgradient, concrete secondary containment area. However, during the site reconnaissance, the secondary containment area was flooded and the five ASTs had become dislodged and were stuck against the wooden rafters or partially submerged at angles. It is unknown if the AST contents had mixed with the floodwater. The Neutralization and Filter Press Room contained an elevated filter press, a neutralization vat with a pit beneath it, and approximately 25 55-gallon drums. White solids were observed on the sides of the neutralization vat, and the same material seemed to be present in the pit beneath the vat. The Batch Process Room had a trench containing liquid running east to west along the north side of the room. The room contained seven process areas, some with multiple vats. Solids, crystalline solids, and powders were observed inside the vats.

Buildings 2 and 3 are in good structural condition. Because these buildings currently are used for other business activities, they are occupied and secured during the day. Building 2 is a large storage area that did not contain vats or pits, but approximately five drums were observed in the building. Another smaller building is located on the west side of the property between Buildings 2 and 3. This building had a partially collapsed roof, so no entry was attempted during the reconnaissance due to its poor structural condition.

3.2 SAMPLING ACTIVITIES

Figure 3-1 shows the liquid, solid, and waste sampling locations, which are discussed below.

WESTON START used bailers and coliwasa samplers to collect three aqueous liquid samples, HNP-LS01-041310 through HNP-LS03-041310, plus one field duplicate. Samples HNP-LS01-041310 and HNP-LS01-041310D consisted of clear aqueous liquid from an elevated tank near the neutralization vat in the Neutralization and Filter Press Room. Sample HNP-LS02-041310 consisted of a brown aqueous liquid from the west end of the trench in the Batch Process Room. Sample HNP-LS03-041310 consisted of green aqueous liquid from the flooded secondary containment area in the Deep Well Tank Farm room.

WESTON START used disposable polyethylene scoops to collect seven solid samples, HNP-SD01-041310 through HNP-SD07-0413210, plus one field duplicate sample. Solid samples HNP-SD01-041310 and HNP-SD02-041310 consisted of a white solid collected from side scrapings of the neutralization vat and the material in the pit beneath the vat, respectively. Sample HNP-SD03-041310 consisted of a gray solid from a 55-gallon drum in the Neutralization and Filter Press Room labeled "caustic soda diaphragm No. 2 flake." Samples HNP-SD04-041310 and HNP-SD04-041310D consisted of a light-yellow solid with a sulfur odor from a vat in the Batch Process Room labeled "alkali." Sample HNP-SD05-041310 consisted of a white-and-brown-layered crystalline solid from a vat in the Batch Process Room labeled "potassium permanganate." Sample HNP-SD06-041310 consisted of a yellow solid from a vat in the Batch Process Room labeled "descale." Sample HNP-SD07-041310 consisted of a white and yellow crystalline solid from a vat and pit in the Salt and Soda Room labeled "salt and soda."

WESTON START used bailers and coliwasa samplers to collect two waste samples, HNP-WS01-041310 and HNP-WS02-041310, plus one field duplicate. Sample HNP-WS01-041310 consisted of an oily substance layered over brown water from a salvage drum in the Neutralization and Filter Press Room. Samples HNP-WS02-041310 and HNP-WS02-041310D consisted of oily viscous material from a polyethylene drum in Building 2.

Fresh sampling gloves were donned before sampling activities began at each new sampling location. All sample containers were filled directly from the bailers, coliwasa samplers, and scoops and labeled with the sample identification numbers. All sampling information was recorded in the Site logbook and on the chain-of-custody forms. All samples were preserved with ice and submitted under chain of custody to Microbac Laboratory in Merrillville, Indiana, for analysis for the following: TCLP volatile organic compounds (VOC), total polychlorinated biphenyls (PCB), TCLP metals, corrosivity, and ignitability.

4. ANALYTICAL RESULTS

WESTON START collected three investigative liquid samples (plus one field duplicate sample), seven investigative solid samples (plus one field duplicate sample), and two waste samples (plus one field duplicate sample) from the Site. The samples were collected to determine if the Site poses imminent and substantial threats to human health, human welfare, or the environment. This section discusses the analytical results for the liquid, solid, and waste samples. Analytical results for TCLP VOCs, TCLP metals, and physical characteristics were compared to the hazardous waste screening criteria outlined in 40 CFR, Part 261, Subpart C. Analytical results for total PCBs were compared to the Toxic Substances Control Act (TSCA) industrial cleanup standard of 50 milligrams per kilogram (mg/kg). Figure 3-1 shows the sampling locations and exceedances. Appendix B provides the laboratory analytical and data validation reports for the sample results.

4.1 LIQUID SAMPLE ANALYTICAL RESULTS

Tables 4-1a through 4-1d, respectively, summarize the liquid sample analytical results for TCLP VOCs, total PCBs, TCLP metals, and physical characteristics (ignitability and corrosivity). Results are summarized below.

- **TCLP VOCs (see Table 4-1a):** TCLP VOCs were not detected in any of the investigative liquid samples.
- **Total PCBs (see Table 4-1b):** PCBs were not detected in any of the investigative liquid samples.
- **TCLP Metals (see Table 4-1c):** Various TCLP metals were detected in the liquid samples but none at concentrations exceeding the screening criteria. The highest detected TCLP metals concentration was for barium as discussed below, and traces of chromium, silver, and mercury also were detected.
 - Barium was detected in all four investigative liquid samples at concentrations ranging from 0.0076 to 0.12 to mg/L. The highest concentration of barium was detected in liquid sample HNP-LS01-041310.
- **Ignitability (see Table 4-1d):** All liquid samples were analyzed for flashpoint. The samples all had a flashpoint exceeding 170 °F. Liquid samples with the characteristic of ignitability have a flashpoint less than 140 °F according to 40 CFR 261.21. Therefore, none of the liquid samples meets the definition of hazardous waste for the characteristic of ignitability.

- **Corrosivity (see Table 4-1d):** The pH results for the investigative liquid samples ranged from 7.11 to 8.49 standard units (SU). None of the liquid samples meets the definition of hazardous waste for the characteristic of corrosivity as defined in 40 CFR 261.22.

4.2 SOLID SAMPLE ANALYTICAL RESULTS

Tables 4-2a through 4-2d, respectively, summarize the solid samples analytical results for TCLP VOCs, total PCBs, TCLP metals, and physical characteristics (corrosivity). Results are summarized below.

- **TCLP VOCs (see Table 4-2a):** VOCs were not detected in any of the investigative solid samples.
- **Total PCBs (see Table 4-2b):** PCBs were not detected in any of the investigative solid samples.
- **TCLP Metals (see Table 4-2c):** Various TCLP metals were detected in the solid samples. Only chromium was detected at concentrations exceeding its screening criterion as discussed below.
 - Chromium was detected in all solid samples at concentrations ranging from 0.22 to 170 mg/L. Chromium was detected at concentrations exceeding the regulatory level of 5 mg/L in samples HNP-SD05-041310 (8 mg/L), HNP-SD06-041310 (170 mg/L), and HNP-SD07-041310 (42 mg/L). Solid samples exhibit the characteristic of toxicity for chromium if TCLP chromium results exceed 5 mg/L according to 40 CFR 261.22. Therefore, these three solid samples meet the definition of hazardous waste.
 - Arsenic was detected all solid samples at concentrations ranging from 0.009 to 0.16 mg/L. The highest concentration of arsenic was detected in solid sample HNP-SD04-041310D.
- **Corrosivity (see Table 4-2d):** The pH results for the solid samples ranged from 8.56 to 9.87 SUs. None of the solid samples meets the definition of hazardous waste for the characteristic of corrosivity as defined in 40 CFR 261.22.

4.3 WASTE SAMPLE ANALYTICAL RESULTS

Tables 4-3a through 4-3d, respectively, summarize the waste sample analytical results for TCLP VOCs, total PCBs, TCLP metals, and physical characteristics (corrosivity and flashpoint). Results are summarized below.

- **TCLP VOCs (see Table 4-3a):** VOCs were not detected in any of the investigative waste samples.
- **Total PCBs (see Table 4-3b):** PCBs were not detected in any of the investigative waste samples.
- **TCLP Metals (see Table 4-3c):** Various TCLP metals were detected in the waste samples as discussed below but none at concentrations exceeding the screening criteria.
 - Barium was detected in all three waste samples at concentrations ranging from 0.04 to 0.043 mg/L. The highest concentration of barium was detected in waste sample HNP-WS01-041310.
 - Chromium was detected in all three waste samples at concentrations ranging from 0.013 to 0.016 mg/L. The highest concentration of chromium was detected in waste sample HNP-WS02-041310D.
 - Lead was detected in sample HNP-WS02D-041310 at a concentration of 0.0028 mg/L.
 - Selenium was detected in waste samples HNP-WS02-041310 and HNP-WS02-041310D at concentrations of 0.013 and 0.0082 mg/L, respectively.
 - Silver was detected in waste samples HNP-WS02-041310 and HNP-WS02-041310D at concentrations of 0.0019 and 0.0082 mg/L, respectively.
 - Mercury was detected in waste samples HNP-WS02-041310 and HNP-WS02-041310D at concentrations of 0.00013 and 0.00012 mg/L, respectively.
- **Ignitability (see Table 4-3d):** All waste samples were analyzed for flashpoint. The samples all had a flashpoint exceeding 170 °F. Liquid samples with the characteristic of ignitability have a flashpoint less than 140 °F according to 40 CFR 261.21. Therefore, none of the waste samples meets the definition of hazardous waste for the characteristic of ignitability.
- **Corrosivity (see Table 4-3d):** The pH results for the waste samples ranged from 7.11 to 7.81 SUs. None of the waste samples meets the definition of hazardous waste for the characteristic of corrosivity as defined in 40 CFR 261.22.

5. THREATS TO HUMAN HEALTH AND THE ENVIRONMENT

Factors to be considered in determining the appropriateness of a potential removal action at a Site are delineated in the NCP at 40 CFR 300.415(b)(2). A summary of the factors applicable to this Site is presented below.

- **Actual or potential exposure of nearby human populations, animals, or the food chain to hazardous substances or pollutants or contaminants**

The Site is located in a commercial area bordered by commercial businesses to the north and south and residential and agricultural areas to the east and west. Residences are located within 0.20 mile west and 0.20 mile northwest of the Site. Turkey Creek, which is located approximately 1,400 feet west of the Site, flows north and discharges into Goshen Lake.

Based on site assessment sampling results, the Site contains open vats of hazardous wastes for TCLP chromium toxicity as defined in 40 CFR 261. These hazardous materials could be accessed by the on-site workers, animals, or trespassers.

- **Hazardous substances, pollutants, or contaminants in drums, barrels, tanks, or other bulk storage containers that may pose a threat of release**

A solid waste exhibits the characteristic of toxicity if TCLP chromium results exceed 5 mg/L according to 40 CFR 261.22. Site assessment sampling results indicate that chromium concentrations exceed this screening criterion for the following samples: HNP-SD05-041310 at 8 mg/L, HNP-SD06-041310 at 170 mg/L, and HNP-SD07-041310 at 42 mg/L. In addition, the Building 1 roof was leaking during the site reconnaissance. If the roof continues to deteriorate, materials in the open vats could be released if precipitation leaking through the roof overfills the vats and they discharge to the parking lot, to floor drains, or through doors in Building 1, potentially impacting Turkey Creek.

- **Weather conditions that may cause hazardous substances, pollutants, or contaminants to migrate or be released**

Building 1 contains seven vat-containing process areas, approximately 25 drums, and an already-flooded secondary containment area. Materials identified in vats at the Site are characterized as hazardous waste for chromium toxicity according to in 40 CFR 261.24. In addition, the Building 1 roof was leaking in several places during the site reconnaissance. If the roof continues to deteriorate, materials in the open vats could be released if precipitation leaking through the roof overfills the vats and they discharge to the parking lot, to floor drains, or through doors in Building 1, potentially impacting Turkey Creek.

- **The availability of other appropriate federal of state response mechanisms to respond to the release**

ECHD and IDEM requested U.S. EPA assistance in performing a site assessment, which documents the need for federal involvement to address imminent endangerment posed by the Site.

6. CONCLUSIONS

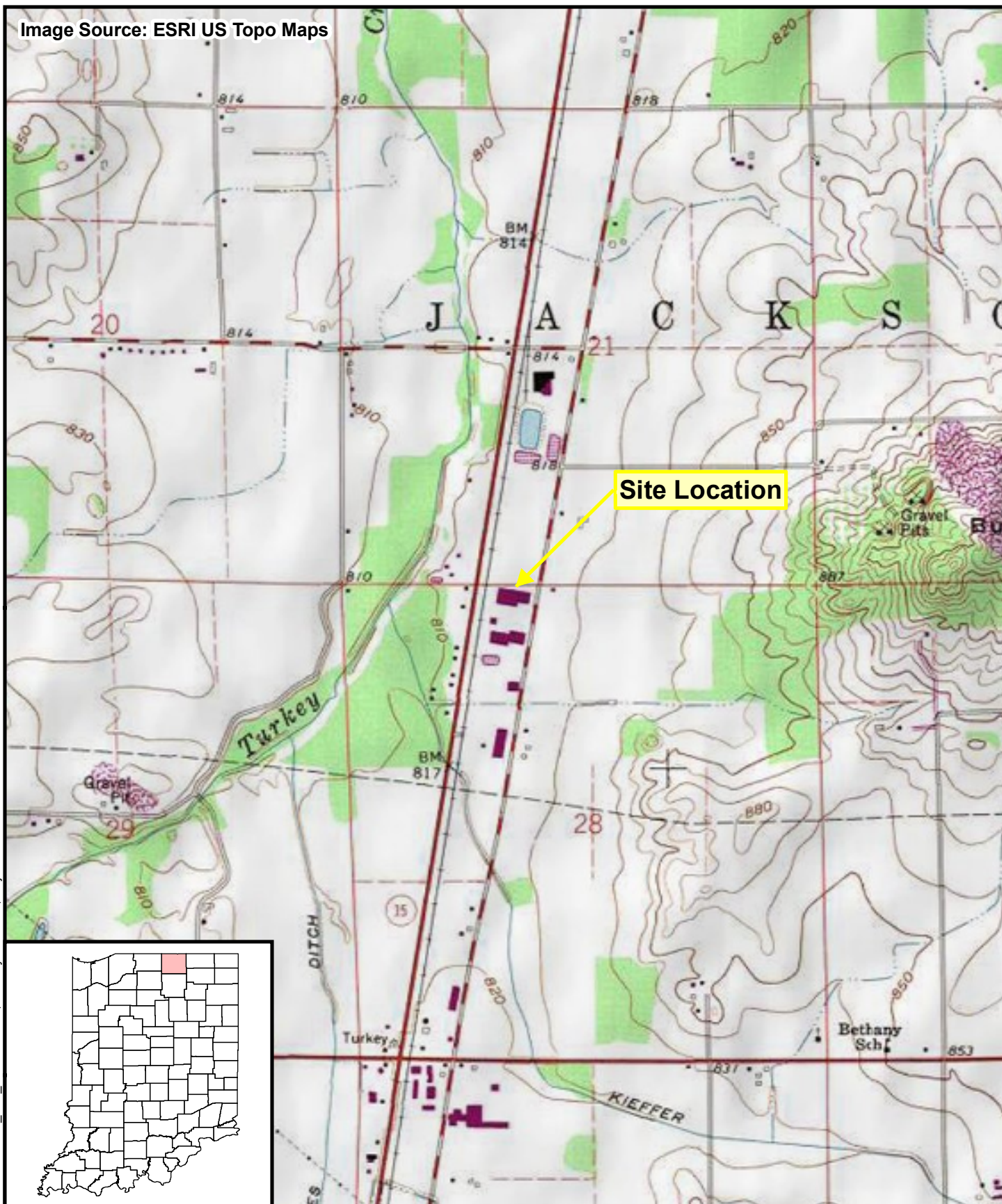
During the site assessment, WESTON START collected three investigative aqueous liquid samples (plus one field duplicate sample), seven investigative solid samples (plus one field duplicate sample), and two waste samples (plus one field duplicate sample) from the Site to determine if the Site poses imminent and substantial threats to human health, human welfare, or the environment. Analytical results indicate that three investigative solid samples (HNP-SD05-041310, HNP-SD06-041310, and HNP-SD07-041310) contained TCLP chromium at concentrations exceeding 5 mg/L. Based on the site assessment results, the Site poses an imminent and substantial threat to human health, human welfare, and the environment. The hazard identified at the Site consists of the following:

- Wastes exhibiting the characteristic of toxicity for chromium

Contaminants and conditions at the Site meet criteria established in the NCP for a removal action.

FIGURES

Image Source: ESRI US Topo Maps



Site Location

Legend

0 2,000
Feet



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Figure 2-1
Site Location Map
Hoskins New Paris SA
New Paris, Elkhart County, Indiana

Image Source: 2005-04-09, DigitalGlobe



Legend

0 150
Feet



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U.S. EPA REGION V

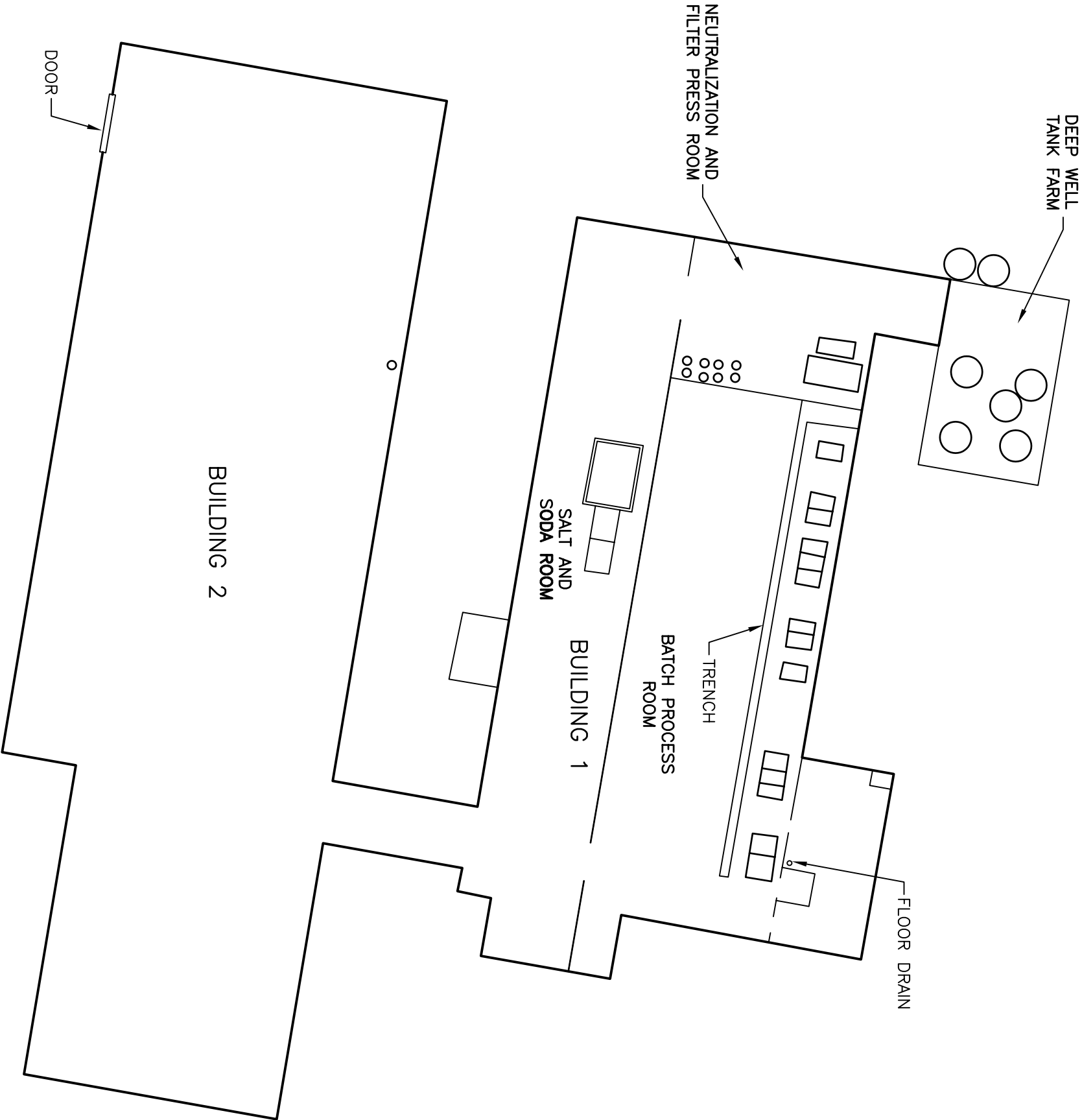
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Figure 2-2
Site Features Map
Hoskins New Paris SA
New Paris, Elkhart County, Indiana



LEGEND

○ ABOVEGROUND STORAGE TANK


○ DRUM

□ VAT




NOT TO SCALE

Figure 2-3

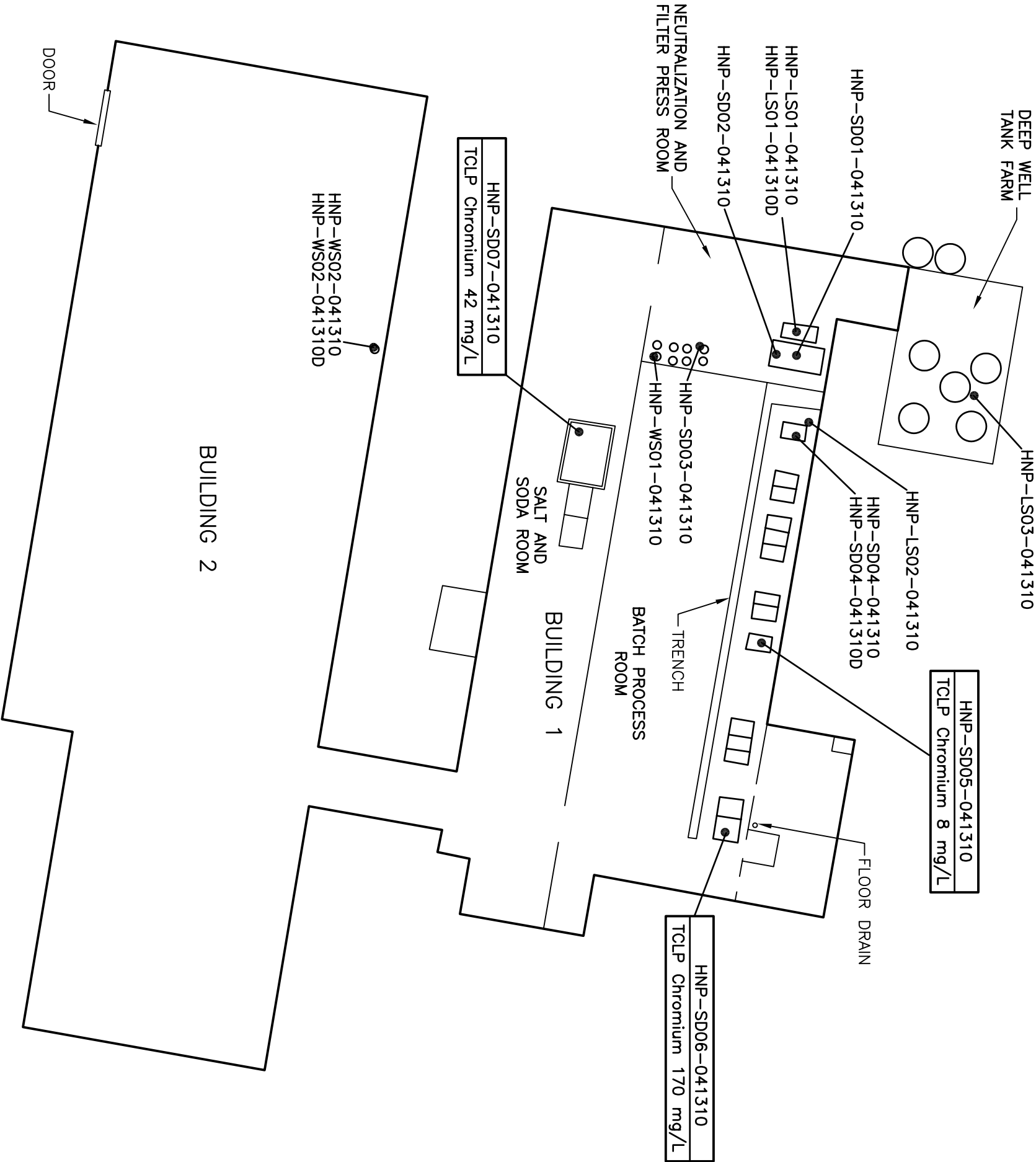


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Site Layout Map
Hoskins New Paris Site Assessment
New Paris, Elkhart County, Indiana




LEGEND


- ABOVEGROUND STORAGE TANK
- DRUM
- VAT
- SAMPLING LOCATION

NOT TO SCALE

Figure 3-1



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Sampling Location Map with TCLP Chromium Exceedances

Hoskins New Paris Site Assessment
New Paris, Elkhart County, Indiana

TABLES

Table 4-1a
Analytical Results for TCLP VOCs in Liquid Samples
Hoskins New Paris Site Assessment
New Paris, Elkhart County, Indiana

	Location ID	HNP-LS-01	HNP-LS-01	HNP-LS-02	HNP-LS-03
	Field Sample ID	HNP-LS01-041310	HNP-LS01-041310D	HNP-LS02-041310	HNP-LS03-041310
	Sampling Date	4/13/2010	4/13/2010	4/13/2010	4/13/2010
	Screening Criterion (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)
Analyte	Screening Criterion (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)
1,1-Dichloroethene	0.7	0.05 U	0.05 U	0.05 U	0.05 U
1,2-Dichloroethane	0.5	0.05 U	0.05 U	0.05 U	0.05 U
1,4-Dichlorobenzene	7.5	0.05 U	0.05 U	0.05 U	0.05 U
2-Butanone	200	0.1 U	0.1 U	0.1 U	0.1 U
Benzene	0.5	0.05 U	0.05 U	0.05 U	0.05 U
Carbon tetrachloride	0.5	0.05 U	0.05 U	0.05 U	0.05 U
Chlorobenzene	100	0.05 U	0.05 U	0.05 U	0.05 U
Chloroform	6	0.05 U	0.05 U	0.05 U	0.05 U
Tetrachloroethene	0.7	0.05 U	0.05 U	0.05 U	0.05 U
Trichloroethene	0.5	0.05 U	0.05 U	0.05 U	0.05 U
Vinyl chloride	0.2	0.05 U	0.05 U	0.05 U	0.05 U

Notes:

ID = Identification

mg/L = Milligram per liter

TCLP = Toxicity Characteristic Leaching Procedure

U = Analyte not detected at sample reporting limit

VOC = Volatile organic compound

Table 4-1b
Analytical Results for Total PCBs in Liquid Samples
Hoskins New Paris Site Assessment
New Paris, Elkhart County, Indiana

	Location ID	HNP-LS-01	HNP-LS-01	HNP-LS-02	HNP-LS-03
	Field Sample ID	HNP-LS01-041310	HNP-LS01-041310D	HNP-LS02-041310	HNP-LS03-041310
	Sample Date	4/13/2010	4/13/2010	4/13/2010	4/13/2010
	Screening Criterion (µg/L)	Result (µg/L)	Result (µg/L)	Result (µg/L)	Result (µg/L)
Analyte	Screening Criterion (µg/L)	Result (µg/L)	Result (µg/L)	Result (µg/L)	Result (µg/L)
Aroclor 1016	50,000	0.55 U	0.53 U	0.52 U	0.46 U
Aroclor 1221	50,000	0.55 U	0.53 U	0.52 U	0.46 U
Aroclor 1232	50,000	0.55 U	0.53 U	0.52 U	0.46 U
Aroclor 1242	50,000	0.55 U	0.53 U	0.52 U	0.46 U
Aroclor 1248	50,000	0.55 U	0.53 U	0.52 U	0.46 U
Aroclor 1254	50,000	0.55 U	0.53 U	0.52 U	0.46 U
Aroclor 1260	50,000	0.55 U	0.53 U	0.52 U	0.46 U
Aroclor 1262	50,000	0.55 U	0.53 U	0.52 U	0.46 U
Aroclor 1268	50,000	0.55 U	0.53 U	0.52 U	0.46 U
Total PCBs	50,000	0.55 U	0.53 U	0.52 U	0.46 U

Notes:

µg/L = Microgram per liter

ID = Identification

PCB = Polychlorinated biphenyl

U = Analyte not detected at sample reporting limit

Table 4-1c
Analytical Results for TCLP Metals in Liquid Samples
Hoskins New Paris Site Assessment
New Paris, Elkhart County, Indiana

	Location ID	HNP-LS-01	HNP-LS-01	HNP-LS-02	HNP-LS-03
	Field Sample ID	HNP-LS01-041310	HNP-LS01-041310D	HNP-LS02-041310	HNP-LS03-041310
	Sampling Date	4/13/2010	4/13/2010	4/13/2010	4/13/2010
	Screening Criterion (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)
Analyte	Screening Criterion (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)
Arsenic	5	0.01 U	0.01 U	0.01 U	0.01 U
Barium	100	0.12 JB	0.09 JB	0.051 JB	0.0076 JB
Cadmium	1	0.002 U	0.002 U	0.002 U	0.002 U
Chromium	5	0.0021 J	0.0024 J	0.0085 B	0.017 B
Lead	5	0.0075 U	0.0075 U	0.0075 U	0.0075 U
Selenium	1	0.03 U	0.03 U	0.03 U	0.03 U
Silver	5	0.0026 JB	0.0019 JB	0.0045 JB	0.0096 JB
Mercury	0.2	0.000044 JB	0.000054 JB	0.000058 JB	0.000053 JB

Notes:

mg/L = Milligram per liter

B = Analyte detected in the associated method blank at a concentration exceeding the routine practical quantitation limit or reporting limit

ID = Identification

J = Analyte detected below laboratory reporting limit; reported value is estimated

TCLP = Toxicity Characteristic Leaching Procedure

U = Analyte not detected at sample reporting limit

Table 4-1d
Analytical Results for Physical Characteristics in Liquid Samples
Hoskins New Paris Site Assessment
New Paris, Elkhart County, Indiana

	Location ID	HNP-LS-01	HNP-LS-01	HNP-LS-02	HNP-LS-03
	Field Sample ID	HNP-LS01-041310	HNP-LS01-041310D	HNP-LS02-041310	HNP-LS03-041310
	Sampling Date	4/13/2010	4/13/2010	4/13/2010	4/13/2010
	Screening Criterion	Result	Result	Result	Result
Analyte					
Flashpoint	< 140 °F	> 170 °F	> 170 °F	> 170 °F	> 170 °F
Laboratory pH	≤ 2 or ≥ 12.5 SU	7.81 SU H	7.81 SU H	7.11 SU H	8.49 SU H

Notes:

H = Analyte was analyzed for or sample prepared outside of analytical method holding time

ID = Identification

SU = Standard unit

Table 4-2a
Analytical Results for TCLP VOCs in Solid Samples
Hoskins New Paris Site Assessment
New Paris, Elkhart County, Indiana

	Location ID	HNP-SD-01	HNP-SD-02	HNP-SD-03	HNP-SD-04	HNP-SD-04	HNP-SD-05	HNP-SD-06	HNP-SD-07
	Field Sample ID	HNP-SD01-041310	HNP-SD02-041310	HNP-SD03-041310	HNP-SD04-041310	HNP-SD04-041310D	HNP-SD05-041310	HNP-SD06-041310	HNP-SD07-041310
	Sampling Date	4/13/2010	4/13/2010	4/13/2010	4/13/2010	4/13/2010	4/13/2010	4/13/2010	4/13/2010
Analyte	Screening Criterion (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)
1,1-Dichloroethene	0.7	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
1,2-Dichloroethane	0.5	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
1,4-Dichlorobenzene	7.5	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
2-Butanone	200	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Benzene	0.5	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Carbon tetrachloride	0.5	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Chlorobenzene	100	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Chloroform	6	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Tetrachloroethene	0.7	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Trichloroethene	0.5	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Vinyl chloride	0.2	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U

Notes:

ID = Identification

mg/L = Milligram per liter

TCLP = Toxicity Characteristic Leaching Procedure

U = Analyte not detected at sample reporting limit

VOC = Volatile organic compound

Table 4-2b
Analytical Results for Total PCBs in Solid Samples
Hoskins New Paris Site Assessment
New Paris, Elkhart County, Indiana

	Location ID	HNP-SD-01	HNP-SD-02	HNP-SD-03	HNP-SD-04	HNP-SD-04	HNP-SD-05	HNP-SD-06	HNP-SD-07
	Field Sample ID	HNP-SD01-041310	HNP-SD02-041310	HNP-SD03-041310	HNP-SD04-041310	HNP-SD04-041310D	HNP-SD05-041310	HNP-SD06-041310	HNP-SD07-041310
	Sampling Date	4/13/2010	4/13/2010	4/13/2010	4/13/2010	4/13/2010	4/13/2010	4/13/2010	4/13/2010
Analyte	Screening Criterion (µg/kg)	Result (µg/kg)	Result (µg/kg)	Result (µg/kg)	Result (µg/kg)	Result (µg/kg)	Result (µg/kg)	Result (µg/kg)	Result (µg/kg)
Aroclor 1016	50,000	33 U	33 U	120 U	33 U	33 U	99 U	33 U	33 U
Aroclor 1221	50,000	33 U	33 U	120 U	33 U	33 U	99 U	33 U	33 U
Aroclor 1232	50,000	33 U	33 U	120 U	33 U	33 U	99 U	33 U	33 U
Aroclor 1242	50,000	33 U	33 U	120 U	33 U	33 U	99 U	33 U	33 U
Aroclor 1248	50,000	33 U	33 U	120 U	33 U	33 U	99 U	33 U	33 U
Aroclor 1254	50,000	33 U	33 U	120 U	33 U	33 U	99 U	33 U	33 U
Aroclor 1260	50,000	33 U	33 U	120 U	33 U	33 U	99 U	33 U	33 U
Aroclor 1262	50,000	33 U	33 U	120 U	33 U	33 U	99 U	33 U	33 U
Aroclor 1268	50,000	33 U	33 U	120 U	33 U	33 U	99 U	33 U	33 U
Total PCBs	50,000	33 U	33 U	120 U	33 U	33 U	99 U	33 U	33 U

Notes:

µg/kg = Microgram per kilogram

ID = Identification

PCB = Polychlorinated biphenyl

U = Analyte not detected at sample reporting limit

Table 4-2c
Analytical Results for TCLP Metals in Solid Samples
Hoskins New Paris Site Assessment
New Paris, Elkhart County, Indiana

	Location ID	HNP-SD-01	HNP-SD-02	HNP-SD-03	HNP-SD-04	HNP-SD-04	HNP-SD-05	HNP-SD-06	HNP-SD-07
	Field Sample ID	HNP-SD01-041310	HNP-SD02-041310	HNP-SD03-041310	HNP-SD04-041310	HNP-SD04-041310D	HNP-SD05-041310	HNP-SD06-041310	HNP-SD07-041310
	Sampling Date	4/13/2010	4/13/2010	4/13/2010	4/13/2010	4/13/2010	4/13/2010	4/13/2010	4/13/2010
Analyte	Screening Criterion (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)
Arsenic	5	0.01	0.009 J	0.0093 J	0.14	0.16	0.049	0.1	0.022
Barium	100	0.0098 JB	0.06 JB	0.32 JB	0.64 B	0.68 B	0.0037 JB	0.0064 JB	1.5 B
Cadmium	1	0.002 U	0.002 U	0.002 U	0.0023 U	0.0021 U	0.0022 U	0.0022 U	0.002 U
Chromium	5	0.39 B	0.27 B	0.22 B	1 B	1 B	8 B	170	42 B
Lead	5	0.0075 U	0.0075 U	0.058	0.023	0.036	0.098	0.0083 U	0.0075 U
Selenium	1	0.03 U	0.03 U	0.03 U	0.0073 JB	0.0062 JB	0.17 B	0.033 U	0.03 U
Silver	5	0.008 JB	0.0049 JB	0.01 U	0.0063 JB	0.0029 JB	0.06 B	0.0071 JB	0.0064 JB
Mercury	0.2	0.00011 JB	0.000062 JB	0.000059 JB	0.000063 JB	0.000061 JB	0.000073 JB	0.00006 JB	0.000088 JB

Notes:

Bold result exceeds screening criterion.

B = Analyte detected in the associated method blank at a concentration exceeding the routine practical quantitation limit or reporting limit

ID = Identification

J = Analyte detected below laboratory reporting limit; reported value is estimated

mg/L = Milligram per liter

TCLP = Toxicity Characteristic Leaching Procedure

U = Analyte not detected at sample reporting limit

Table 4-2d
Analytical Results for Physical Characteristics in Solid Samples
Hoskins New Paris Site Assessment
New Paris, Elkhart County, Indiana

	Location ID	HNP-SD-01	HNP-SD-02	HNP-SD-03	HNP-SD-04	HNP-SD-04	HNP-SD-05	HNP-SD-06	HNP-SD-07
	Field Sample ID	HNP-SD01-041310	HNP-SD02-041310	HNP-SD03-041310	HNP-SD04-041310	HNP-SD04-041310D	HNP-SD05-041310	HNP-SD06-041310	HNP-SD07-041310
	Sampling Date	4/13/2010	4/13/2010	4/13/2010	4/13/2010	4/13/2010	4/13/2010	4/13/2010	4/13/2010
	Screening Criterion (SU)	Result (SU)	Result (SU)	Result (SU)	Result (SU)	Result (SU)	Result (SU)	Result (SU)	Result (SU)
Laboratory pH	≤2 or ≥ 12.5	9.41	8.67	8.56	9.85	9.87	9.69	9.72	9.26

Notes:

ID = Identification

SU = Standard unit

Table 4-3a
Analytical Results for TCLP VOCs in Waste Samples
Hoskins New Paris Site Assessment
New Paris, Elkhart County, Indiana

	Location ID	HNP-WS-01	HNP-WS-02	HNP-WS-02
	Field Sample ID	HNP-WS01-041310	HNP-WS02-041310	HNP-WS02-041310D
	Sampling Date	4/13/2010	4/13/2010	4/13/2010
	Screening Criterion (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)
Analyte	Screening Criterion (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)
1,1-Dichloroethene	0.7	0.05 U	0.05 U	0.05 U
1,2-Dichloroethane	0.5	0.05 U	0.05 U	0.05 U
1,4-Dichlorobenzene	7.5	0.05 U	0.05 U	0.05 U
2-Butanone	200	0.1 U	0.1 U	0.1 U
Benzene	0.5	0.05 U	0.05 U	0.05 U
Carbon tetrachloride	0.5	0.05 U	0.05 U	0.05 U
Chlorobenzene	100	0.05 U	0.05 U	0.05 U
Chloroform	6	0.05 U	0.05 U	0.05 U
Tetrachloroethene	0.7	0.05 U	0.05 U	0.05 U
Trichloroethene	0.5	0.05 U	0.05 U	0.05 U
Vinyl chloride	0.2	0.05 U	0.05 U	0.05 U

Notes:

ID = Identification

mg/L = Milligram per liter

TCLP = Toxicity Characteristic Leaching Procedure

U = Analyte not detected at sample reporting limit

VOC = Volatile organic compound

Table 4-3b
Analytical Results for Total PCBs in Waste Samples
Hoskins New Paris Site Assessment
New Paris, Elkhart County, Indiana

	Location ID			
	HNP-WS-01			
	HNP-WS-02			
	HNP-WS-02			
	Field Sample ID	HNP-WS01-041310	HNP-WS02-041310	HNP-WS02-041310D
	Sampling Date	4/13/2010	4/13/2010	4/13/2010
Analyte	Screening Criterion	Result (µg/L)	Result (mg/kg)	Result (mg/kg)
Aroclor 1016	50000 µg/L	1.2 U	--	--
Aroclor 1221	50000 µg/L	1.2 U	--	--
Aroclor 1232	50000 µg/L	1.2 U	--	--
Aroclor 1242	50000 µg/L	1.2 U	--	--
Aroclor 1248	50000 µg/L	1.2 U	--	--
Aroclor 1254	50000 µg/L	1.2 U	--	--
Aroclor 1260	50000 µg/L	1.2 U	--	--
Aroclor 1262	50000 µg/L	1.2 U	--	--
Aroclor 1268	50000 µg/L	1.2 U	--	--
Total PCBs	50000 µg/L	1.2 U	--	--
Aroclor 1016	50 mg/kg	--	2 U	2 U
Aroclor 1221	50 mg/kg	--	2 U	2 U
Aroclor 1232	50 mg/kg	--	2 U	2 U
Aroclor 1242	50 mg/kg	--	2 U	2 U
Aroclor 1248	50 mg/kg	--	2 U	2 U
Aroclor 1254	50 mg/kg	--	2 U	2 U
Aroclor 1260	50 mg/kg	--	2 U	2 U
Aroclor 1262	50 mg/kg	--	2 U	2 U
Aroclor 1268	50 mg/kg	--	2 U	2 U
Total PCBs	50 mg/kg	--	2 U	2 U

Notes:

µg/L = Microgram per liter

ID = Identification

mg/kg = Milligram per kilogram

PCB = Polychlorinated biphenyl

U = Analyte not detected at sample reporting limit

Table 4-3c
Analytical Results for TCLP Metals in Waste Samples
Hoskins New Paris Site Assessment
New Paris, Elkhart County, Indiana

	Location ID			
	HNP-WS-01			
	HNP-WS-02			
	HNP-WS-02			
	Field Sample ID	HNP-WS01-041310	HNP-WS02-041310	HNP-WS02-041310D
	Sampling Date	4/13/2010	4/13/2010	4/13/2010
Analyte	Screening Criterion (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)
Arsenic	5	0.01 U	0.01 U	0.01 U
Barium	100	0.043 JB	0.041 JB	0.04 JB
Cadmium	1	0.002 U	0.002 U	0.002 U
Chromium	5	0.0013 JB	0.012 B	0.016 B
Lead	5	0.0075 U	0.0075 U	0.0028 J
Selenium	1	0.03 U	0.013 JB	0.0082 JB
Silver	5	0.01 U	0.0019 JB	0.0082 JB
Mercury	0.2	0.001 U	0.00013 JB	0.00012 JB

Notes:

mg/L = Milligram per liter

B = Analyte detected in the associated method blank at a concentration exceeding the routine practical quantitation limit or reporting limit

ID = Identification

J = Analyte detected below laboratory reporting limit; reported value is estimated

TCLP = Toxicity Characteristic Leaching Procedure

U = Analyte not detected at sample reporting limit

Table 4-3d
Analytical Results for Physical Characteristics in Waste Samples
Hoskins New Paris Site Assessment
New Paris, Elkhart County, Indiana

	Location ID	HNP-WS-01	HNP-WS-02	HNP-WS-02
	Field Sample ID	HNP-WS01-041310	HNP-WS02-041310	HNP-WS02-041310D
	Sampling Date	4/13/2010	4/13/2010	4/13/2010
	Screening Criterion	Result	Result	Result
Analyte				
Flashpoint	< 140 °F	> 170 °F	> 170 °F	> 170 °F
Laboratory pH	≤ 2 or ≥ 12.5 SUs	7.81 SU H	7.81 SU H	7.11 SU H

Notes:

H = Analyte was analyzed for or sample prepared outside of analytical method holding time

ID = Identification

SU = Standard unit

APPENDIX A

PHOTOGRAPHIC DOCUMENTATION



Site: Hoskins New Paris
Photograph No.: 1
Direction: Northwest
Subject: Entrance to Building 2

Date: April 13, 2010
Photographer: Jay Rauh



Site: Hoskins New Paris
Photograph No.: 2
Direction: South
Subject: Sample HNP-SD01-041310

Date: April 13, 2010
Photographer: Jay Rauh



Site: Hoskins New Paris

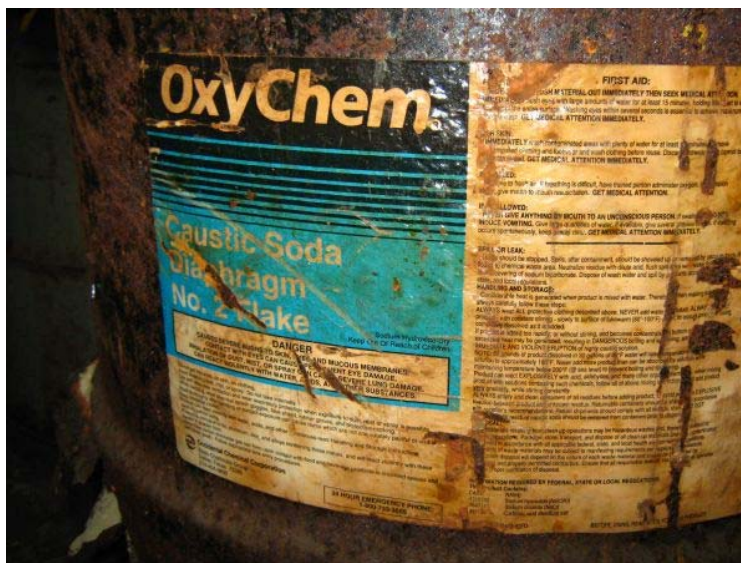
Photograph No.: 3

Direction: West

Subject: Collection of sample HNP-SD02-041310

Date: April 13, 2010

Photographer: Jay Rauh



Site: Hoskins New Paris

Photograph No.: 4

Direction: North

Subject: Source of sample HNP-SD03-0413, a drum labeled "caustic soda"

Date: April 13, 2010

Photographer: Jay Rauh



Site: Hoskins New Paris

Photograph No.: 5

Direction: Southwest

Subject: WESTON START member Tim Walls collecting samples HNP-SD04-04130 and HNP-SD04-04130D

Date: April 13, 2010

Photographer: Jay Rauh



Site: Hoskins New Paris

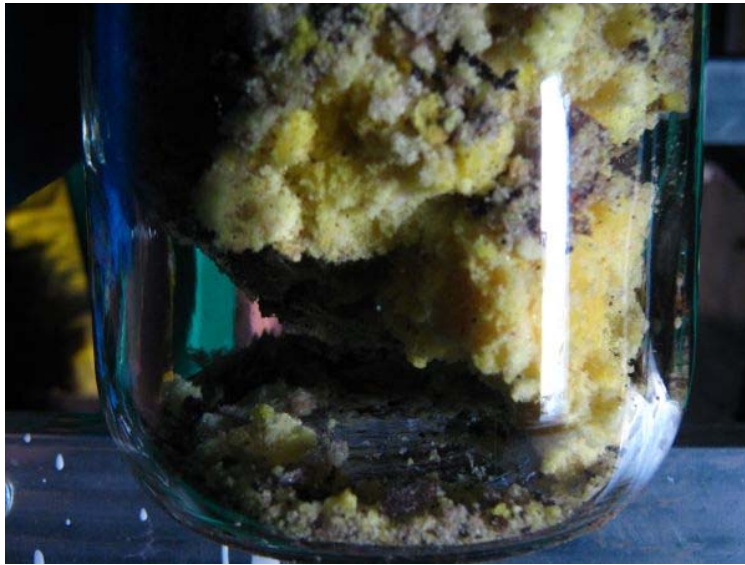
Photograph No.: 6

Direction: West

Subject: Material for sample HNP-SD05-04130

Date: April 13, 2010

Photographer: Jay Rauh



Site: Hoskins New Paris
Photograph No.: 7
Direction: Southeast
Subject: Sample HNP-SD06-04130

Date: April 13, 2010
Photographer: Jay Rauh



Site: Hoskins New Paris
Photograph No.: 8
Direction: Northwest
Subject: Material for sample HNP-SD07-04130

Date: April 13, 2010
Photographer: Jay Rauh



Site: Hoskins New Paris

Photograph No.: 9

Direction: West

Subject: WESTON START member Tim Walls collecting sample HNP-LS02-041310

Date: April 13, 2010

Photographer: Jay Rauh



Site: Hoskins New Paris

Photograph No.: 10

Direction: East

Subject: Several dislodged aboveground storage tanks floating in a flooded containment area

Date: April 13, 2010

Photographer: Jay Rauh



Site: Hoskins New Paris

Photograph No.: 11

Direction: East

Subject: WESTON START member Tim Walls collecting sample HNP-LS03-041310

Date: April 13, 2010

Photographer: Jay Rauh



Site: Hoskins New Paris

Photograph No.: 12

Direction: South

Subject: Material for sample HNP-WS01-041310

Date: April 13, 2010

Photographer: Jay Rauh

APPENDIX B
LABORATORY ANALYTICAL AND DATA VALIDATION REPORTS



May 05, 2010

Tonya Balla
Weston Solutions, Inc.
750 East Bunker Court, Suite 500
Vernon Hills, IL 60061-1450
RE: New Paris, IN
Dear Tonya Balla:

Work Order No.: ME1004137
Revision: 01

Microbac Laboratories, Inc. received 15 samples on 4/14/2010 4:32:00 PM for the analyses presented in the following report.

The enclosed results were obtained from and are applicable to the sample(s) as received at the laboratory. All sample results are reported on an "as received" basis unless otherwise noted.

All data included in this report have been reviewed and meet the applicable project specific and certification specific requirements, unless otherwise noted. A qualifications page is included in this report and lists the programs under which Microbac maintains certification.

This report has been paginated in its entirety and shall not be reproduced except in full, without the written approval of Microbac Laboratories.

We appreciate the opportunity to service your analytical needs. If you have any questions, please feel free to contact us.

Sincerely,
Microbac Laboratories, Inc.

A handwritten signature in black ink, appearing to read "Bill Walsh", with a long, sweeping horizontal line extending to the right.

Bill Walsh
Managing Director

Enclosures

WORK ORDER SAMPLE SUMMARY

Date: *Wednesday, May 05, 2010*

CLIENT: Weston Solutions, Inc.
Project: New Paris, IN
Lab Order: ME1004137

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
ME1004137-01A	HNP-SD-01-041310		4/13/2010 2:30:00 PM	4/14/2010
ME1004137-02A	HNP-SD-02-041310		4/13/2010 2:45:00 PM	4/14/2010
ME1004137-03A	HNP-SD-03-041310		4/13/2010 3:00:00 PM	4/14/2010
ME1004137-04A	HNP-SD-04-041310		4/13/2010 3:15:00 PM	4/14/2010
ME1004137-05A	HNP-SD-04-041310D		4/13/2010 3:15:00 PM	4/14/2010
ME1004137-06A	HNP-SD-05-041310		4/13/2010 3:30:00 PM	4/14/2010
ME1004137-07A	HNP-SD-06-041310		4/13/2010 3:45:00 PM	4/14/2010
ME1004137-08A	HNP-SD-07-041310		4/13/2010 4:00:00 PM	4/14/2010
ME1004137-09A	HNP-LS-01-041310		4/13/2010 4:30:00 PM	4/14/2010
ME1004137-09B	HNP-LS-01-041310		4/13/2010 4:30:00 PM	4/14/2010
ME1004137-09C	HNP-LS-01-041310		4/13/2010 4:30:00 PM	4/14/2010
ME1004137-10A	HNP-LS-01-041310D		4/13/2010 4:30:00 PM	4/14/2010
ME1004137-10B	HNP-LS-01-041310D		4/13/2010 4:30:00 PM	4/14/2010
ME1004137-10C	HNP-LS-01-041310D		4/13/2010 4:30:00 PM	4/14/2010
ME1004137-11A	HNP-LS-02-041310		4/13/2010 4:45:00 PM	4/14/2010
ME1004137-11B	HNP-LS-02-041310		4/13/2010 4:45:00 PM	4/14/2010
ME1004137-11C	HNP-LS-02-041310		4/13/2010 4:45:00 PM	4/14/2010
ME1004137-12A	HNP-LS-03-041310		4/13/2010 5:00:00 PM	4/14/2010
ME1004137-12B	HNP-LS-03-041310		4/13/2010 5:00:00 PM	4/14/2010
ME1004137-12C	HNP-LS-03-041310		4/13/2010 5:00:00 PM	4/14/2010
ME1004137-13A	HNP-WS-02-041310		4/13/2010 5:45:00 PM	4/14/2010
ME1004137-14A	HNP-WS-02-041310D		4/13/2010 5:45:00 PM	4/14/2010
ME1004137-15A	HNP-WS-01-041310		4/13/2010 5:20:00 PM	4/14/2010
ME1004137-15B	HNP-WS-01-041310		4/13/2010 5:20:00 PM	4/14/2010

CASE NARRATIVE**Date:** *Wednesday, May 05, 2010*

Client: Weston Solutions, Inc.
Project: New Paris, IN
Lab Order: ME1004137

Report revised on 05/05/10 to add TCLP VOA QA data to data package.

The Laboratory Control Sample associated with the HNP-LS-01-041310, HNP-LS-01-041310D, HNP-LS-02-041310, HNP-LS-03-041310, HNP-WS-02-041310, and HNP-WS-02-041310D samples failed to meet the acceptance criteria for TCLP Mercury. This is considered insignificant, as the bias was high yet the sample concentration was below the reporting limit.

The Method Blank associated with the HNP-LS-01-041310 and HNP-LS-01-041310D samples contained TCLP Chromium at a level above the reporting limit. This is considered insignificant, as the concentration in the sample was below the reporting limit.

The Method Blank associated with several samples contained TCLP Chromium at a level above the reporting limit. This is considered insignificant, as the concentration in the sample was more than ten-times that measured in the blank.

The Matrix Spike Duplicate performed on the HNP-SD-01-041310 sample failed the precision criteria for Aroclor 1016 and Aroclor 1260.

ANALYTICAL RESULTS

Date: Wednesday, May 05, 2010

Client: Weston Solutions, Inc.
 Client Project: New Paris, IN
 Client Sample ID: HNP-SD-01-041310
 Sample Description:
 Sample Matrix: Oil

Work Order / ID: ME1004137-01
 Collection Date: 04/13/10 14:30
 Date Received: 04/14/10 16:32

Analyses	ST	Result	RL	Qual	Units	DF	Analyzed
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PCB'S		Method: SW8082		Prep Date/Time: 04/20/10 11:07 Analyst: TNM			
Aroclor 1016	A	ND	0.033		mg/Kg	1	04/20/10 15:49
Aroclor 1221	A	ND	0.033		mg/Kg	1	04/20/10 15:49
Aroclor 1232	A	ND	0.033		mg/Kg	1	04/20/10 15:49
Aroclor 1242	A	ND	0.033		mg/Kg	1	04/20/10 15:49
Aroclor 1248	A	ND	0.033		mg/Kg	1	04/20/10 15:49
Aroclor 1254	A	ND	0.033		mg/Kg	1	04/20/10 15:49
Aroclor 1260	A	ND	0.033		mg/Kg	1	04/20/10 15:49
Aroclor 1262	A	ND	0.033		mg/Kg	1	04/20/10 15:49
Aroclor 1268	A	ND	0.033		mg/Kg	1	04/20/10 15:49
Total PCB's	A	ND	0.033		mg/Kg	1	04/20/10 15:49
Surr: Tetrachloro-m-xylene	S	80.1	19.9-131		%REC	1	04/20/10 15:49
Surr: Decachlorobiphenyl	S	65.1	17.9-149		%REC	1	04/20/10 15:49

TCLP MERCURY		Method: SW1311/7470A		Prep Date/Time: 04/16/10 11:45 Analyst: GJM			
Mercury	A	ND	0.0010		mg/L	1	04/16/10 16:00

TCLP METALS		Method: SW1311/6010B		Prep Date/Time: 04/16/10 08:15 Analyst: SAA			
Arsenic	A	0.010	0.010		mg/L	1	04/16/10 14:37
Barium	A	ND	0.50		mg/L	1	04/16/10 14:37
Cadmium	A	ND	0.0020		mg/L	1	04/16/10 14:37
Chromium	A	0.39	0.0030		mg/L	1	04/16/10 14:37
Lead	A	ND	0.0075		mg/L	1	04/16/10 14:37
Selenium	A	ND	0.030		mg/L	1	04/16/10 14:37
Silver	A	ND	0.010		mg/L	1	04/16/10 14:37

TCLP VOLATILES		Method: SW1311/8260B		Prep Date/Time: 04/16/10 17:30 Analyst: JLN			
Benzene	A	ND	0.050		mg/L	10	04/19/10 17:36
2-Butanone	A	ND	0.10		mg/L	10	04/19/10 17:36
Carbon tetrachloride	A	ND	0.050		mg/L	10	04/19/10 17:36
Chlorobenzene	A	ND	0.050		mg/L	10	04/19/10 17:36
Chloroform	A	ND	0.050		mg/L	10	04/19/10 17:36
1,1-Dichloroethene	A	ND	0.050		mg/L	10	04/19/10 17:36
1,2-Dichloroethane	A	ND	0.050		mg/L	10	04/19/10 17:36
1,4-Dichlorobenzene	A	ND	0.050		mg/L	10	04/19/10 17:36
Tetrachloroethene	A	ND	0.050		mg/L	10	04/19/10 17:36
Trichloroethene	A	ND	0.050		mg/L	10	04/19/10 17:36
Vinyl chloride	A	ND	0.050		mg/L	10	04/19/10 17:36
Surr: 4-Bromofluorobenzene	S	96.1	76.9-116		%REC	10	04/19/10 17:36
Surr: Dibromofluoromethane	S	101	78.4-125		%REC	10	04/19/10 17:36
Surr: Toluene-d8	S	107	81.4-122		%REC	10	04/19/10 17:36

ANALYTICAL RESULTS

Date: Wednesday, May 05, 2010

Client: Weston Solutions, Inc.
Client Project: New Paris, IN
Client Sample ID: HNP-SD-01-041310
Sample Description:
Sample Matrix: Oil

Work Order / ID: ME1004137-01
Collection Date: 04/13/10 14:30
Date Received: 04/14/10 16:32

Analyses	ST	Result	RL	Qual	Units	DF	Analyzed
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TCLP VOLATILES

Method: **SW1311/8260B**

Prep Date/Time: **04/16/10 17:30** Analyst: **JLN**

Surr: 1,2-Dichloroethane-d4	S	102	74.2-136		%REC	10	04/19/10 17:36
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IGNITABILITY (OPEN CUP FLASHPOI

Method: **D92-90 MOD**

Prep Date/Time:

Analyst: **WAD**

Ignitability	A	>170	30		°F	1	04/20/10 10:17
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CORROSIVITY BY PH

Method: **SW9045C**

Prep Date/Time:

Analyst: **SMA**

pH	A	9.4	0.1		pH Units	1	04/20/10 15:10
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ANALYTICAL RESULTS

Date: Wednesday, May 05, 2010

Client: Weston Solutions, Inc.
 Client Project: New Paris, IN
 Client Sample ID: HNP-SD-02-041310
 Sample Description:
 Sample Matrix: Oil

Work Order / ID: ME1004137-02
 Collection Date: 04/13/10 14:45
 Date Received: 04/14/10 16:32

Analyses	ST	Result	RL	Qual	Units	DF	Analyzed
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PCB'S

Method: SW8082

Prep Date/Time: 04/20/10 11:07 Analyst: TNM

Aroclor 1016	A	ND	0.033		mg/Kg	1	04/20/10 16:14
Aroclor 1221	A	ND	0.033		mg/Kg	1	04/20/10 16:14
Aroclor 1232	A	ND	0.033		mg/Kg	1	04/20/10 16:14
Aroclor 1242	A	ND	0.033		mg/Kg	1	04/20/10 16:14
Aroclor 1248	A	ND	0.033		mg/Kg	1	04/20/10 16:14
Aroclor 1254	A	ND	0.033		mg/Kg	1	04/20/10 16:14
Aroclor 1260	A	ND	0.033		mg/Kg	1	04/20/10 16:14
Aroclor 1262	A	ND	0.033		mg/Kg	1	04/20/10 16:14
Aroclor 1268	A	ND	0.033		mg/Kg	1	04/20/10 16:14
Total PCB's	A	ND	0.033		mg/Kg	1	04/20/10 16:14
Surr: Tetrachloro-m-xylene	S	85.1	19.9-131		%REC	1	04/20/10 16:14
Surr: Decachlorobiphenyl	S	80.1	17.9-149		%REC	1	04/20/10 16:14

TCLP MERCURY

Method: SW1311/7470A

Prep Date/Time: 04/16/10 11:45 Analyst: GJM

Mercury	A	ND	0.0010		mg/L	1	04/16/10 16:01
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TCLP METALS

Method: SW1311/6010B

Prep Date/Time: 04/16/10 08:15 Analyst: SAA

Arsenic	A	ND	0.010		mg/L	1	04/16/10 14:43
Barium	A	ND	0.50		mg/L	1	04/16/10 14:43
Cadmium	A	ND	0.0020		mg/L	1	04/16/10 14:43
Chromium	A	0.27	0.0030		mg/L	1	04/16/10 14:43
Lead	A	ND	0.0075		mg/L	1	04/16/10 14:43
Selenium	A	ND	0.030		mg/L	1	04/16/10 14:43
Silver	A	ND	0.010		mg/L	1	04/16/10 14:43

TCLP VOLATILES

Method: SW1311/8260B

Prep Date/Time: 04/16/10 17:30 Analyst: JLN

Benzene	A	ND	0.050		mg/L	10	04/19/10 18:08
2-Butanone	A	ND	0.10		mg/L	10	04/19/10 18:08
Carbon tetrachloride	A	ND	0.050		mg/L	10	04/19/10 18:08
Chlorobenzene	A	ND	0.050		mg/L	10	04/19/10 18:08
Chloroform	A	ND	0.050		mg/L	10	04/19/10 18:08
1,1-Dichloroethene	A	ND	0.050		mg/L	10	04/19/10 18:08
1,2-Dichloroethane	A	ND	0.050		mg/L	10	04/19/10 18:08
1,4-Dichlorobenzene	A	ND	0.050		mg/L	10	04/19/10 18:08
Tetrachloroethene	A	ND	0.050		mg/L	10	04/19/10 18:08
Trichloroethene	A	ND	0.050		mg/L	10	04/19/10 18:08
Vinyl chloride	A	ND	0.050		mg/L	10	04/19/10 18:08
Surr: 4-Bromofluorobenzene	S	97.1	76.9-116		%REC	10	04/19/10 18:08
Surr: Dibromofluoromethane	S	101	78.4-125		%REC	10	04/19/10 18:08
Surr: Toluene-d8	S	108	81.4-122		%REC	10	04/19/10 18:08

ANALYTICAL RESULTS

Date: Wednesday, May 05, 2010

Client: Weston Solutions, Inc.
Client Project: New Paris, IN
Client Sample ID: HNP-SD-02-041310
Sample Description:
Sample Matrix: Oil

Work Order / ID: ME1004137-02
Collection Date: 04/13/10 14:45
Date Received: 04/14/10 16:32

Analyses	ST	Result	RL	Qual	Units	DF	Analyzed
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TCLP VOLATILES

Method: SW1311/8260B

Prep Date/Time: 04/16/10 17:30 Analyst: JLN

Surr: 1,2-Dichloroethane-d4	S	104	74.2-136		%REC	10	04/19/10 18:08
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IGNITABILITY (OPEN CUP FLASHPOI

Method: D92-90 MOD

Prep Date/Time:

Analyst: WAD

Ignitability	A	>170	30		°F	1	04/20/10 10:17
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CORROSIVITY BY PH

Method: SW9045C

Prep Date/Time:

Analyst: SMA

pH	A	8.7	0.1		pH Units	1	04/20/10 15:10
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ANALYTICAL RESULTS

Date: Wednesday, May 05, 2010

Client: Weston Solutions, Inc.
 Client Project: New Paris, IN
 Client Sample ID: HNP-SD-03-041310
 Sample Description:
 Sample Matrix: Oil

Work Order / ID: ME1004137-03
 Collection Date: 04/13/10 15:00
 Date Received: 04/14/10 16:32

Analyses	ST	Result	RL	Qual	Units	DF	Analyzed
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PCB'S		Method: SW8082		Prep Date/Time: 04/20/10 11:07 Analyst: TNM			
Aroclor 1016	A	ND	0.12		mg/Kg	1	04/20/10 16:38
Aroclor 1221	A	ND	0.12		mg/Kg	1	04/20/10 16:38
Aroclor 1232	A	ND	0.12		mg/Kg	1	04/20/10 16:38
Aroclor 1242	A	ND	0.12		mg/Kg	1	04/20/10 16:38
Aroclor 1248	A	ND	0.12		mg/Kg	1	04/20/10 16:38
Aroclor 1254	A	ND	0.12		mg/Kg	1	04/20/10 16:38
Aroclor 1260	A	ND	0.12		mg/Kg	1	04/20/10 16:38
Aroclor 1262	A	ND	0.12		mg/Kg	1	04/20/10 16:38
Aroclor 1268	A	ND	0.12		mg/Kg	1	04/20/10 16:38
Total PCB's	A	ND	0.12		mg/Kg	1	04/20/10 16:38
Surr: Tetrachloro-m-xylene	S	65.1	19.9-131		%REC	1	04/20/10 16:38
Surr: Decachlorobiphenyl	S	145	17.9-149		%REC	1	04/20/10 16:38

TCLP MERCURY		Method: SW1311/7470A		Prep Date/Time: 04/16/10 11:45 Analyst: GJM			
Mercury	A	ND	0.0010		mg/L	1	04/16/10 16:03

TCLP METALS		Method: SW1311/6010B		Prep Date/Time: 04/16/10 08:15 Analyst: SAA			
Arsenic	A	ND	0.010		mg/L	1	04/16/10 14:48
Barium	A	ND	0.50		mg/L	1	04/16/10 14:48
Cadmium	A	ND	0.0020		mg/L	1	04/16/10 14:48
Chromium	A	0.22	0.0030		mg/L	1	04/16/10 14:48
Lead	A	0.058	0.0075		mg/L	1	04/16/10 14:48
Selenium	A	ND	0.030		mg/L	1	04/16/10 14:48
Silver	A	ND	0.010		mg/L	1	04/16/10 14:48

TCLP VOLATILES		Method: SW1311/8260B		Prep Date/Time: 04/16/10 17:30 Analyst: JLN			
Benzene	A	ND	0.050		mg/L	10	04/20/10 11:21
2-Butanone	A	ND	0.10		mg/L	10	04/20/10 11:21
Carbon tetrachloride	A	ND	0.050		mg/L	10	04/20/10 11:21
Chlorobenzene	A	ND	0.050		mg/L	10	04/20/10 11:21
Chloroform	A	ND	0.050		mg/L	10	04/20/10 11:21
1,1-Dichloroethene	A	ND	0.050		mg/L	10	04/20/10 11:21
1,2-Dichloroethane	A	ND	0.050		mg/L	10	04/20/10 11:21
1,4-Dichlorobenzene	A	ND	0.050		mg/L	10	04/20/10 11:21
Tetrachloroethene	A	ND	0.050		mg/L	10	04/20/10 11:21
Trichloroethene	A	ND	0.050		mg/L	10	04/20/10 11:21
Vinyl chloride	A	ND	0.050		mg/L	10	04/20/10 11:21
Surr: 4-Bromofluorobenzene	S	96.9	76.9-116		%REC	10	04/20/10 11:21
Surr: Dibromofluoromethane	S	100	78.4-125		%REC	10	04/20/10 11:21
Surr: Toluene-d8	S	108	81.4-122		%REC	10	04/20/10 11:21

ANALYTICAL RESULTS

Date: Wednesday, May 05, 2010

Client: Weston Solutions, Inc.
Client Project: New Paris, IN
Client Sample ID: HNP-SD-03-041310
Sample Description:
Sample Matrix: Oil

Work Order / ID: ME1004137-03
Collection Date: 04/13/10 15:00
Date Received: 04/14/10 16:32

Analyses	ST	Result	RL	Qual	Units	DF	Analyzed
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TCLP VOLATILES

Method: **SW1311/8260B**

Prep Date/Time: **04/16/10 17:30** Analyst: **JLN**

Surr: 1,2-Dichloroethane-d4	S	107	74.2-136		%REC	10	04/20/10 11:21
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IGNITABILITY (OPEN CUP FLASHPOI

Method: **D92-90 MOD**

Prep Date/Time:

Analyst: **WAD**

Ignitability	A	>170	30		°F	1	04/20/10 10:41
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CORROSIVITY BY PH

Method: **SW9045C**

Prep Date/Time:

Analyst: **SMA**

pH	A	8.6	0.1		pH Units	1	04/20/10 15:10
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ANALYTICAL RESULTS

Date: Wednesday, May 05, 2010

Client: Weston Solutions, Inc.
 Client Project: New Paris, IN
 Client Sample ID: HNP-SD-04-041310
 Sample Description:
 Sample Matrix: Oil

Work Order / ID: ME1004137-04
 Collection Date: 04/13/10 15:15
 Date Received: 04/14/10 16:32

Analyses	ST	Result	RL	Qual	Units	DF	Analyzed
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PCB'S

Method: SW8082

Prep Date/Time: 04/20/10 11:07 Analyst: TNM

Aroclor 1016	A	ND	0.033		mg/Kg	1	04/20/10 17:03
Aroclor 1221	A	ND	0.033		mg/Kg	1	04/20/10 17:03
Aroclor 1232	A	ND	0.033		mg/Kg	1	04/20/10 17:03
Aroclor 1242	A	ND	0.033		mg/Kg	1	04/20/10 17:03
Aroclor 1248	A	ND	0.033		mg/Kg	1	04/20/10 17:03
Aroclor 1254	A	ND	0.033		mg/Kg	1	04/20/10 17:03
Aroclor 1260	A	ND	0.033		mg/Kg	1	04/20/10 17:03
Aroclor 1262	A	ND	0.033		mg/Kg	1	04/20/10 17:03
Aroclor 1268	A	ND	0.033		mg/Kg	1	04/20/10 17:03
Total PCB's	A	ND	0.033		mg/Kg	1	04/20/10 17:03
Surr: Tetrachloro-m-xylene	S	75.1	19.9-131		%REC	1	04/20/10 17:03
Surr: Decachlorobiphenyl	S	100	17.9-149		%REC	1	04/20/10 17:03

TCLP MERCURY

Method: SW1311/7470A

Prep Date/Time: 04/16/10 11:45 Analyst: GJM

Mercury	A	ND	0.0010		mg/L	1	04/16/10 16:04
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TCLP METALS

Method: SW1311/6010B

Prep Date/Time: 04/16/10 08:15 Analyst: SAA

Arsenic	A	0.14	0.012		mg/L	1	04/16/10 14:54
Barium	A	0.64	0.58		mg/L	1	04/16/10 14:54
Cadmium	A	ND	0.0023		mg/L	1	04/16/10 14:54
Chromium	A	1.0	0.0035		mg/L	1	04/16/10 14:54
Lead	A	0.023	0.0087		mg/L	1	04/16/10 14:54
Selenium	A	ND	0.035		mg/L	1	04/16/10 14:54
Silver	A	ND	0.012		mg/L	1	04/16/10 14:54

TCLP VOLATILES

Method: SW1311/8260B

Prep Date/Time: 04/16/10 17:30 Analyst: JLN

Benzene	A	ND	0.050		mg/L	10	04/20/10 11:53
2-Butanone	A	ND	0.10		mg/L	10	04/20/10 11:53
Carbon tetrachloride	A	ND	0.050		mg/L	10	04/20/10 11:53
Chlorobenzene	A	ND	0.050		mg/L	10	04/20/10 11:53
Chloroform	A	ND	0.050		mg/L	10	04/20/10 11:53
1,1-Dichloroethene	A	ND	0.050		mg/L	10	04/20/10 11:53
1,2-Dichloroethane	A	ND	0.050		mg/L	10	04/20/10 11:53
1,4-Dichlorobenzene	A	ND	0.050		mg/L	10	04/20/10 11:53
Tetrachloroethene	A	ND	0.050		mg/L	10	04/20/10 11:53
Trichloroethene	A	ND	0.050		mg/L	10	04/20/10 11:53
Vinyl chloride	A	ND	0.050		mg/L	10	04/20/10 11:53
Surr: 4-Bromofluorobenzene	S	96.5	76.9-116		%REC	10	04/20/10 11:53
Surr: Dibromofluoromethane	S	101	78.4-125		%REC	10	04/20/10 11:53
Surr: Toluene-d8	S	107	81.4-122		%REC	10	04/20/10 11:53

ANALYTICAL RESULTS

Date: Wednesday, May 05, 2010

Client: Weston Solutions, Inc.
Client Project: New Paris, IN
Client Sample ID: HNP-SD-04-041310
Sample Description:
Sample Matrix: Oil

Work Order / ID: ME1004137-04
Collection Date: 04/13/10 15:15
Date Received: 04/14/10 16:32

Analyses	ST	Result	RL	Qual	Units	DF	Analyzed
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TCLP VOLATILES

Method: **SW1311/8260B**

Prep Date/Time: **04/16/10 17:30** Analyst: **JLN**

Surr: 1,2-Dichloroethane-d4	S	108	74.2-136		%REC	10	04/20/10 11:53
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IGNITABILITY (OPEN CUP FLASHPOI

Method: **D92-90 MOD**

Prep Date/Time:

Analyst: **WAD**

Ignitability	A	>170	30		°F	1	04/20/10 10:41
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CORROSIVITY BY PH

Method: **SW9045C**

Prep Date/Time:

Analyst: **SMA**

pH	A	9.8	0.1		pH Units	1	04/20/10 15:10
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ANALYTICAL RESULTS

Date: Wednesday, May 05, 2010

Client: Weston Solutions, Inc.
 Client Project: New Paris, IN
 Client Sample ID: HNP-SD-04-041310D
 Sample Description:
 Sample Matrix: Oil

Work Order / ID: ME1004137-05
 Collection Date: 04/13/10 15:15
 Date Received: 04/14/10 16:32

Analyses	ST	Result	RL	Qual	Units	DF	Analyzed
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PCB'S		Method: SW8082		Prep Date/Time: 04/20/10 11:07 Analyst: TNM			
Aroclor 1016	A	ND	0.033		mg/Kg	1	04/20/10 17:27
Aroclor 1221	A	ND	0.033		mg/Kg	1	04/20/10 17:27
Aroclor 1232	A	ND	0.033		mg/Kg	1	04/20/10 17:27
Aroclor 1242	A	ND	0.033		mg/Kg	1	04/20/10 17:27
Aroclor 1248	A	ND	0.033		mg/Kg	1	04/20/10 17:27
Aroclor 1254	A	ND	0.033		mg/Kg	1	04/20/10 17:27
Aroclor 1260	A	ND	0.033		mg/Kg	1	04/20/10 17:27
Aroclor 1262	A	ND	0.033		mg/Kg	1	04/20/10 17:27
Aroclor 1268	A	ND	0.033		mg/Kg	1	04/20/10 17:27
Total PCB's	A	ND	0.033		mg/Kg	1	04/20/10 17:27
Surr: Tetrachloro-m-xylene	S	90.1	19.9-131		%REC	1	04/20/10 17:27
Surr: Decachlorobiphenyl	S	95.1	17.9-149		%REC	1	04/20/10 17:27

TCLP MERCURY		Method: SW1311/7470A		Prep Date/Time: 04/16/10 11:45 Analyst: GJM			
Mercury	A	ND	0.0010		mg/L	1	04/16/10 16:06

TCLP METALS		Method: SW1311/6010B		Prep Date/Time: 04/16/10 08:15 Analyst: SAA			
Arsenic	A	0.16	0.011		mg/L	1	04/16/10 15:00
Barium	A	0.68	0.53		mg/L	1	04/16/10 15:00
Cadmium	A	ND	0.0021		mg/L	1	04/16/10 15:00
Chromium	A	1.0	0.0032		mg/L	1	04/16/10 15:00
Lead	A	0.036	0.0080		mg/L	1	04/16/10 15:00
Selenium	A	ND	0.032		mg/L	1	04/16/10 15:00
Silver	A	ND	0.011		mg/L	1	04/16/10 15:00

TCLP VOLATILES		Method: SW1311/8260B		Prep Date/Time: 04/19/10 17:51 Analyst: JLN			
Benzene	A	ND	0.050		mg/L	10	04/20/10 13:28
2-Butanone	A	ND	0.10		mg/L	10	04/20/10 13:28
Carbon tetrachloride	A	ND	0.050		mg/L	10	04/20/10 13:28
Chlorobenzene	A	ND	0.050		mg/L	10	04/20/10 13:28
Chloroform	A	ND	0.050		mg/L	10	04/20/10 13:28
1,1-Dichloroethene	A	ND	0.050		mg/L	10	04/20/10 13:28
1,2-Dichloroethane	A	ND	0.050		mg/L	10	04/20/10 13:28
1,4-Dichlorobenzene	A	ND	0.050		mg/L	10	04/20/10 13:28
Tetrachloroethene	A	ND	0.050		mg/L	10	04/20/10 13:28
Trichloroethene	A	ND	0.050		mg/L	10	04/20/10 13:28
Vinyl chloride	A	ND	0.050		mg/L	10	04/20/10 13:28
Surr: 4-Bromofluorobenzene	S	98.7	76.9-116		%REC	10	04/20/10 13:28
Surr: Dibromofluoromethane	S	101	78.4-125		%REC	10	04/20/10 13:28
Surr: Toluene-d8	S	109	81.4-122		%REC	10	04/20/10 13:28

ANALYTICAL RESULTS

Date: Wednesday, May 05, 2010

Client: Weston Solutions, Inc.
Client Project: New Paris, IN
Client Sample ID: HNP-SD-04-041310D
Sample Description:
Sample Matrix: Oil

Work Order / ID: ME1004137-05
Collection Date: 04/13/10 15:15
Date Received: 04/14/10 16:32

Analyses	ST	Result	RL	Qual	Units	DF	Analyzed
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TCLP VOLATILES

Method: SW1311/8260B

Prep Date/Time: 04/19/10 17:51 Analyst: JLN

Surr: 1,2-Dichloroethane-d4	S	110	74.2-136		%REC	10	04/20/10 13:28
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IGNITABILITY (OPEN CUP FLASHPOI

Method: D92-90 MOD

Prep Date/Time:

Analyst: WAD

Ignitability	A	>170	30		°F	1	04/20/10 11:09
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CORROSIVITY BY PH

Method: SW9045C

Prep Date/Time:

Analyst: SMA

pH	A	9.9	0.1		pH Units	1	04/20/10 15:10
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ANALYTICAL RESULTS

Date: Wednesday, May 05, 2010

Client: Weston Solutions, Inc.
 Client Project: New Paris, IN
 Client Sample ID: HNP-SD-05-041310
 Sample Description:
 Sample Matrix: Oil

Work Order / ID: ME1004137-06
 Collection Date: 04/13/10 15:30
 Date Received: 04/14/10 16:32

Analyses	ST	Result	RL	Qual	Units	DF	Analyzed
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PCB'S		Method: SW8082		Prep Date/Time: 04/20/10 11:07 Analyst: TNM			
Aroclor 1016	A	ND	0.099		mg/Kg	1	04/20/10 17:52
Aroclor 1221	A	ND	0.099		mg/Kg	1	04/20/10 17:52
Aroclor 1232	A	ND	0.099		mg/Kg	1	04/20/10 17:52
Aroclor 1242	A	ND	0.099		mg/Kg	1	04/20/10 17:52
Aroclor 1248	A	ND	0.099		mg/Kg	1	04/20/10 17:52
Aroclor 1254	A	ND	0.099		mg/Kg	1	04/20/10 17:52
Aroclor 1260	A	ND	0.099		mg/Kg	1	04/20/10 17:52
Aroclor 1262	A	ND	0.099		mg/Kg	1	04/20/10 17:52
Aroclor 1268	A	ND	0.099		mg/Kg	1	04/20/10 17:52
Total PCB's	A	ND	0.099		mg/Kg	1	04/20/10 17:52
Surr: Tetrachloro-m-xylene	S	90.1	19.9-131		%REC	1	04/20/10 17:52
Surr: Decachlorobiphenyl	S	90.1	17.9-149		%REC	1	04/20/10 17:52

TCLP MERCURY		Method: SW1311/7470A		Prep Date/Time: 04/16/10 11:45 Analyst: GJM			
Mercury	A	ND	0.0010		mg/L	1	04/16/10 16:07

TCLP METALS		Method: SW1311/6010B		Prep Date/Time: 04/16/10 08:15 Analyst: SAA			
Arsenic	A	0.049	0.011		mg/L	1	04/16/10 15:05
Barium	A	ND	0.56		mg/L	1	04/16/10 15:05
Cadmium	A	ND	0.0022		mg/L	1	04/16/10 15:05
Chromium	A	8.0	0.0033		mg/L	1	04/16/10 15:05
Lead	A	0.098	0.0083		mg/L	1	04/16/10 15:05
Selenium	A	0.17	0.033		mg/L	1	04/16/10 15:05
Silver	A	0.060	0.011		mg/L	1	04/16/10 15:05

TCLP VOLATILES		Method: SW1311/8260B		Prep Date/Time: 04/19/10 17:51 Analyst: JLN			
Benzene	A	ND	0.050		mg/L	10	04/20/10 17:12
2-Butanone	A	ND	0.10		mg/L	10	04/20/10 17:12
Carbon tetrachloride	A	ND	0.050		mg/L	10	04/20/10 17:12
Chlorobenzene	A	ND	0.050		mg/L	10	04/20/10 17:12
Chloroform	A	ND	0.050		mg/L	10	04/20/10 17:12
1,1-Dichloroethene	A	ND	0.050		mg/L	10	04/20/10 17:12
1,2-Dichloroethane	A	ND	0.050		mg/L	10	04/20/10 17:12
1,4-Dichlorobenzene	A	ND	0.050		mg/L	10	04/20/10 17:12
Tetrachloroethene	A	ND	0.050		mg/L	10	04/20/10 17:12
Trichloroethene	A	ND	0.050		mg/L	10	04/20/10 17:12
Vinyl chloride	A	ND	0.050		mg/L	10	04/20/10 17:12
Surr: 4-Bromofluorobenzene	S	99.6	76.9-116		%REC	10	04/20/10 17:12
Surr: Dibromofluoromethane	S	102	78.4-125		%REC	10	04/20/10 17:12
Surr: Toluene-d8	S	108	81.4-122		%REC	10	04/20/10 17:12

ANALYTICAL RESULTS

Date: Wednesday, May 05, 2010

Client: Weston Solutions, Inc.
Client Project: New Paris, IN
Client Sample ID: HNP-SD-05-041310
Sample Description:
Sample Matrix: Oil

Work Order / ID: ME1004137-06
Collection Date: 04/13/10 15:30
Date Received: 04/14/10 16:32

Analyses	ST	Result	RL	Qual	Units	DF	Analyzed
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TCLP VOLATILES

Method: **SW1311/8260B**

Prep Date/Time: **04/19/10 17:51** Analyst: **JLN**

Surr: 1,2-Dichloroethane-d4	S	111	74.2-136		%REC	10	04/20/10 17:12
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IGNITABILITY (OPEN CUP FLASHPOI

Method: **D92-90 MOD**

Prep Date/Time:

Analyst: **WAD**

Ignitability	A	>170	30		°F	1	04/20/10 11:09
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CORROSIVITY BY PH

Method: **SW9045C**

Prep Date/Time:

Analyst: **SMA**

pH	A	9.7	0.1		pH Units	1	04/21/10 14:45
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ANALYTICAL RESULTS

Date: Wednesday, May 05, 2010

Client: Weston Solutions, Inc.
 Client Project: New Paris, IN
 Client Sample ID: HNP-SD-06-041310
 Sample Description:
 Sample Matrix: Oil

Work Order / ID: ME1004137-07
 Collection Date: 04/13/10 15:45
 Date Received: 04/14/10 16:32

Analyses	ST	Result	RL	Qual	Units	DF	Analyzed
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PCB'S

Method: SW8082

Prep Date/Time: 04/20/10 11:07 Analyst: TNM

Aroclor 1016	A	ND	0.033		mg/Kg	1	04/20/10 18:16
Aroclor 1221	A	ND	0.033		mg/Kg	1	04/20/10 18:16
Aroclor 1232	A	ND	0.033		mg/Kg	1	04/20/10 18:16
Aroclor 1242	A	ND	0.033		mg/Kg	1	04/20/10 18:16
Aroclor 1248	A	ND	0.033		mg/Kg	1	04/20/10 18:16
Aroclor 1254	A	ND	0.033		mg/Kg	1	04/20/10 18:16
Aroclor 1260	A	ND	0.033		mg/Kg	1	04/20/10 18:16
Aroclor 1262	A	ND	0.033		mg/Kg	1	04/20/10 18:16
Aroclor 1268	A	ND	0.033		mg/Kg	1	04/20/10 18:16
Total PCB's	A	ND	0.033		mg/Kg	1	04/20/10 18:16
Surr: Tetrachloro-m-xylene	S	90.1	19.9-131		%REC	1	04/20/10 18:16
Surr: Decachlorobiphenyl	S	90.1	17.9-149		%REC	1	04/20/10 18:16

TCLP MERCURY

Method: SW1311/7470A

Prep Date/Time: 04/16/10 11:45 Analyst: GJM

Mercury	A	ND	0.0010		mg/L	1	04/16/10 16:08
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TCLP METALS

Method: SW1311/6010B

Prep Date/Time: 04/16/10 08:15 Analyst: SAA

Arsenic	A	0.10	0.011		mg/L	1	04/16/10 15:11
Barium	A	ND	0.56		mg/L	1	04/16/10 15:11
Cadmium	A	ND	0.0022		mg/L	1	04/16/10 15:11
Chromium	A	170	0.033		mg/L	10	04/19/10 12:48
Lead	A	ND	0.0083		mg/L	1	04/16/10 15:11
Selenium	A	ND	0.033		mg/L	1	04/16/10 15:11
Silver	A	ND	0.011		mg/L	1	04/16/10 15:11

TCLP VOLATILES

Method: SW1311/8260B

Prep Date/Time: 04/19/10 17:51 Analyst: JLN

Benzene	A	ND	0.050		mg/L	10	04/20/10 14:32
2-Butanone	A	ND	0.10		mg/L	10	04/20/10 14:32
Carbon tetrachloride	A	ND	0.050		mg/L	10	04/20/10 14:32
Chlorobenzene	A	ND	0.050		mg/L	10	04/20/10 14:32
Chloroform	A	ND	0.050		mg/L	10	04/20/10 14:32
1,1-Dichloroethene	A	ND	0.050		mg/L	10	04/20/10 14:32
1,2-Dichloroethane	A	ND	0.050		mg/L	10	04/20/10 14:32
1,4-Dichlorobenzene	A	ND	0.050		mg/L	10	04/20/10 14:32
Tetrachloroethene	A	ND	0.050		mg/L	10	04/20/10 14:32
Trichloroethene	A	ND	0.050		mg/L	10	04/20/10 14:32
Vinyl chloride	A	ND	0.050		mg/L	10	04/20/10 14:32
Surr: 4-Bromofluorobenzene	S	98.4	76.9-116		%REC	10	04/20/10 14:32
Surr: Dibromofluoromethane	S	103	78.4-125		%REC	10	04/20/10 14:32
Surr: Toluene-d8	S	109	81.4-122		%REC	10	04/20/10 14:32

ANALYTICAL RESULTS

Date: Wednesday, May 05, 2010

Client: Weston Solutions, Inc.
Client Project: New Paris, IN
Client Sample ID: HNP-SD-06-041310
Sample Description:
Sample Matrix: Oil

Work Order / ID: ME1004137-07
Collection Date: 04/13/10 15:45
Date Received: 04/14/10 16:32

Analyses	ST	Result	RL	Qual	Units	DF	Analyzed
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TCLP VOLATILES

Method: **SW1311/8260B**

Prep Date/Time: **04/19/10 17:51** Analyst: **JLN**

Surr: 1,2-Dichloroethane-d4	S	110	74.2-136		%REC	10	04/20/10 14:32
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IGNITABILITY (OPEN CUP FLASHPOI

Method: **D92-90 MOD**

Prep Date/Time:

Analyst: **WAD**

Ignitability	A	>170	30		°F	1	04/20/10 13:11
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CORROSIVITY BY PH

Method: **SW9045C**

Prep Date/Time:

Analyst: **SMA**

pH	A	9.7	0.1		pH Units	1	04/21/10 14:45
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ANALYTICAL RESULTS

Date: Wednesday, May 05, 2010

Client: Weston Solutions, Inc.
 Client Project: New Paris, IN
 Client Sample ID: HNP-SD-07-041310
 Sample Description:
 Sample Matrix: Oil

Work Order / ID: ME1004137-08
 Collection Date: 04/13/10 16:00
 Date Received: 04/14/10 16:32

Analyses	ST	Result	RL	Qual	Units	DF	Analyzed
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PCB'S		Method: SW8082		Prep Date/Time: 04/20/10 11:07 Analyst: TNM			
Aroclor 1016	A	ND	0.033		mg/Kg	1	04/20/10 18:40
Aroclor 1221	A	ND	0.033		mg/Kg	1	04/20/10 18:40
Aroclor 1232	A	ND	0.033		mg/Kg	1	04/20/10 18:40
Aroclor 1242	A	ND	0.033		mg/Kg	1	04/20/10 18:40
Aroclor 1248	A	ND	0.033		mg/Kg	1	04/20/10 18:40
Aroclor 1254	A	ND	0.033		mg/Kg	1	04/20/10 18:40
Aroclor 1260	A	ND	0.033		mg/Kg	1	04/20/10 18:40
Aroclor 1262	A	ND	0.033		mg/Kg	1	04/20/10 18:40
Aroclor 1268	A	ND	0.033		mg/Kg	1	04/20/10 18:40
Total PCB's	A	ND	0.033		mg/Kg	1	04/20/10 18:40
Surr: Tetrachloro-m-xylene	S	50.1	19.9-131		%REC	1	04/20/10 18:40
Surr: Decachlorobiphenyl	S	95.1	17.9-149		%REC	1	04/20/10 18:40

TCLP MERCURY		Method: SW1311/7470A		Prep Date/Time: 04/16/10 11:45 Analyst: GJM			
Mercury	A	ND	0.0010		mg/L	1	04/16/10 16:10

TCLP METALS		Method: SW1311/6010B		Prep Date/Time: 04/16/10 08:15 Analyst: SAA			
Arsenic	A	0.022	0.010		mg/L	1	04/16/10 15:38
Barium	A	1.5	0.50		mg/L	1	04/16/10 15:38
Cadmium	A	ND	0.0020		mg/L	1	04/16/10 15:38
Chromium	A	42	0.0030		mg/L	1	04/16/10 15:38
Lead	A	ND	0.0075		mg/L	1	04/16/10 15:38
Selenium	A	ND	0.030		mg/L	1	04/16/10 15:38
Silver	A	ND	0.010		mg/L	1	04/16/10 15:38

TCLP VOLATILES		Method: SW1311/8260B		Prep Date/Time: 04/19/10 17:51 Analyst: JLN			
Benzene	A	ND	0.050		mg/L	10	04/20/10 15:04
2-Butanone	A	ND	0.10		mg/L	10	04/20/10 15:04
Carbon tetrachloride	A	ND	0.050		mg/L	10	04/20/10 15:04
Chlorobenzene	A	ND	0.050		mg/L	10	04/20/10 15:04
Chloroform	A	ND	0.050		mg/L	10	04/20/10 15:04
1,1-Dichloroethene	A	ND	0.050		mg/L	10	04/20/10 15:04
1,2-Dichloroethane	A	ND	0.050		mg/L	10	04/20/10 15:04
1,4-Dichlorobenzene	A	ND	0.050		mg/L	10	04/20/10 15:04
Tetrachloroethene	A	ND	0.050		mg/L	10	04/20/10 15:04
Trichloroethene	A	ND	0.050		mg/L	10	04/20/10 15:04
Vinyl chloride	A	ND	0.050		mg/L	10	04/20/10 15:04
Surr: 4-Bromofluorobenzene	S	98.3	76.9-116		%REC	10	04/20/10 15:04
Surr: Dibromofluoromethane	S	102	78.4-125		%REC	10	04/20/10 15:04
Surr: Toluene-d8	S	108	81.4-122		%REC	10	04/20/10 15:04

ANALYTICAL RESULTS

Date: Wednesday, May 05, 2010

Client: Weston Solutions, Inc.
Client Project: New Paris, IN
Client Sample ID: HNP-SD-07-041310
Sample Description:
Sample Matrix: Oil

Work Order / ID: ME1004137-08
Collection Date: 04/13/10 16:00
Date Received: 04/14/10 16:32

Analyses	ST	Result	RL	Qual	Units	DF	Analyzed
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TCLP VOLATILES

Method: **SW1311/8260B**

Prep Date/Time: **04/19/10 17:51** Analyst: **JLN**

Surr: 1,2-Dichloroethane-d4	S	112	74.2-136		%REC	10	04/20/10 15:04
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IGNITABILITY (OPEN CUP FLASHPOI

Method: **D92-90 MOD**

Prep Date/Time:

Analyst: **WAD**

Ignitability	A	>170	30		°F	1	04/20/10 13:11
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CORROSIVITY BY PH

Method: **SW9045C**

Prep Date/Time:

Analyst: **SMA**

pH	A	9.3	0.1		pH Units	1	04/21/10 14:45
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ANALYTICAL RESULTS

Date: Wednesday, May 05, 2010

Client: Weston Solutions, Inc.
 Client Project: New Paris, IN
 Client Sample ID: HNP-LS-01-041310
 Sample Description:
 Sample Matrix: Aqueous

Work Order / ID: ME1004137-09
 Collection Date: 04/13/10 16:30
 Date Received: 04/14/10 16:32

Analyses	ST	Result	RL	Qual	Units	DF	Analyzed
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PCB'S		Method: SW8082		Prep Date/Time: 04/19/10 07:28 Analyst: JLW			
Aroclor 1016	A	ND	0.00055		mg/L	1	04/20/10 00:07
Aroclor 1221	A	ND	0.00055		mg/L	1	04/20/10 00:07
Aroclor 1232	A	ND	0.00055		mg/L	1	04/20/10 00:07
Aroclor 1242	A	ND	0.00055		mg/L	1	04/20/10 00:07
Aroclor 1248	A	ND	0.00055		mg/L	1	04/20/10 00:07
Aroclor 1254	A	ND	0.00055		mg/L	1	04/20/10 00:07
Aroclor 1260	A	ND	0.00055		mg/L	1	04/20/10 00:07
Aroclor 1262	A	ND	0.00055		mg/L	1	04/20/10 00:07
Aroclor 1268	A	ND	0.00055		mg/L	1	04/20/10 00:07
Total PCB's	A	ND	0.00055		mg/L	1	04/20/10 00:07
Surr: Tetrachloro-m-xylene	S	70.0	45.2-114		%REC	1	04/20/10 00:07
Surr: Decachlorobiphenyl	S	20.0	11.6-136		%REC	1	04/20/10 00:07

TCLP MERCURY		Method: SW1311/7470A		Prep Date/Time: 04/16/10 11:45 Analyst: GJM			
Mercury	A	ND	0.0010		mg/L	1	04/16/10 15:30

TCLP METALS		Method: SW1311/6010B		Prep Date/Time: 04/16/10 10:45 Analyst: SAA			
Arsenic	A	ND	0.010		mg/L	1	04/16/10 17:55
Barium	A	ND	0.50		mg/L	1	04/16/10 17:55
Cadmium	A	ND	0.0020		mg/L	1	04/16/10 17:55
Chromium	A	ND	0.0030		mg/L	1	04/16/10 17:55
Lead	A	ND	0.0075		mg/L	1	04/16/10 17:55
Selenium	A	ND	0.030		mg/L	1	04/16/10 17:55
Silver	A	ND	0.010		mg/L	1	04/16/10 17:55

TCLP VOLATILES		Method: SW1311/8260B		Prep Date/Time: 04/15/10 16:09 Analyst: JLN			
Benzene	A	ND	0.050		mg/L	10	04/16/10 19:02
2-Butanone	A	ND	0.10		mg/L	10	04/16/10 19:02
Carbon tetrachloride	A	ND	0.050		mg/L	10	04/16/10 19:02
Chlorobenzene	A	ND	0.050		mg/L	10	04/16/10 19:02
Chloroform	A	ND	0.050		mg/L	10	04/16/10 19:02
1,1-Dichloroethene	A	ND	0.050		mg/L	10	04/16/10 19:02
1,2-Dichloroethane	A	ND	0.050		mg/L	10	04/16/10 19:02
1,4-Dichlorobenzene	A	ND	0.050		mg/L	10	04/16/10 19:02
Tetrachloroethene	A	ND	0.050		mg/L	10	04/16/10 19:02
Trichloroethene	A	ND	0.050		mg/L	10	04/16/10 19:02
Vinyl chloride	A	ND	0.050		mg/L	10	04/16/10 19:02
Surr: 4-Bromofluorobenzene	S	97.8	76.9-116		%REC	10	04/16/10 19:02
Surr: Dibromofluoromethane	S	104	78.4-125		%REC	10	04/16/10 19:02
Surr: Toluene-d8	S	94.9	81.4-122		%REC	10	04/16/10 19:02

ANALYTICAL RESULTS

Date: Wednesday, May 05, 2010

Client: Weston Solutions, Inc.
Client Project: New Paris, IN
Client Sample ID: HNP-LS-01-041310
Sample Description:
Sample Matrix: Aqueous

Work Order / ID: ME1004137-09
Collection Date: 04/13/10 16:30
Date Received: 04/14/10 16:32

Analyses	ST	Result	RL	Qual	Units	DF	Analyzed
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TCLP VOLATILES

Method: **SW1311/8260B**

Prep Date/Time: **04/15/10 16:09** Analyst: **JLN**

Surr: 1,2-Dichloroethane-d4	S	105	74.2-136		%REC	10	04/16/10 19:02
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IGNITABILITY (CLOSED CUP FLASHP

Method: **SW1010**

Prep Date/Time:

Analyst: **WAD**

Ignitability	A	>170	30		°F	1	04/21/10 12:51
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PH

Method: **4500H B/9040C**

Prep Date/Time:

Analyst: **SMA**

pH	A	7.81	0.02	H	pH units	1	04/20/10 10:30
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ANALYTICAL RESULTS

Date: Wednesday, May 05, 2010

Client: Weston Solutions, Inc.
 Client Project: New Paris, IN
 Client Sample ID: HNP-LS-01-041310D
 Sample Description:
 Sample Matrix: Aqueous

Work Order / ID: ME1004137-10
 Collection Date: 04/13/10 16:30
 Date Received: 04/14/10 16:32

Analyses	ST	Result	RL	Qual	Units	DF	Analyzed
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PCB'S		Method: SW8082		Prep Date/Time: 04/19/10 07:28 Analyst: JLW			
Aroclor 1016	A	ND	0.00053		mg/L	1	04/20/10 00:32
Aroclor 1221	A	ND	0.00053		mg/L	1	04/20/10 00:32
Aroclor 1232	A	ND	0.00053		mg/L	1	04/20/10 00:32
Aroclor 1242	A	ND	0.00053		mg/L	1	04/20/10 00:32
Aroclor 1248	A	ND	0.00053		mg/L	1	04/20/10 00:32
Aroclor 1254	A	ND	0.00053		mg/L	1	04/20/10 00:32
Aroclor 1260	A	ND	0.00053		mg/L	1	04/20/10 00:32
Aroclor 1262	A	ND	0.00053		mg/L	1	04/20/10 00:32
Aroclor 1268	A	ND	0.00053		mg/L	1	04/20/10 00:32
Total PCB's	A	ND	0.00053		mg/L	1	04/20/10 00:32
Surr: Tetrachloro-m-xylene	S	50.0	45.2-114		%REC	1	04/20/10 00:32
Surr: Decachlorobiphenyl	S	15.0	11.6-136		%REC	1	04/20/10 00:32

TCLP MERCURY		Method: SW1311/7470A		Prep Date/Time: 04/16/10 11:45 Analyst: GJM			
Mercury	A	ND	0.0010		mg/L	1	04/16/10 15:31

TCLP METALS		Method: SW1311/6010B		Prep Date/Time: 04/16/10 10:45 Analyst: SAA			
Arsenic	A	ND	0.010		mg/L	1	04/16/10 18:22
Barium	A	ND	0.50		mg/L	1	04/16/10 18:22
Cadmium	A	ND	0.0020		mg/L	1	04/16/10 18:22
Chromium	A	ND	0.0030		mg/L	1	04/16/10 18:22
Lead	A	ND	0.0075		mg/L	1	04/16/10 18:22
Selenium	A	ND	0.030		mg/L	1	04/16/10 18:22
Silver	A	ND	0.010		mg/L	1	04/16/10 18:22

TCLP VOLATILES		Method: SW1311/8260B		Prep Date/Time: 04/15/10 16:09 Analyst: JLN			
Benzene	A	ND	0.050		mg/L	10	04/16/10 19:35
2-Butanone	A	ND	0.10		mg/L	10	04/16/10 19:35
Carbon tetrachloride	A	ND	0.050		mg/L	10	04/16/10 19:35
Chlorobenzene	A	ND	0.050		mg/L	10	04/16/10 19:35
Chloroform	A	ND	0.050		mg/L	10	04/16/10 19:35
1,1-Dichloroethene	A	ND	0.050		mg/L	10	04/16/10 19:35
1,2-Dichloroethane	A	ND	0.050		mg/L	10	04/16/10 19:35
1,4-Dichlorobenzene	A	ND	0.050		mg/L	10	04/16/10 19:35
Tetrachloroethene	A	ND	0.050		mg/L	10	04/16/10 19:35
Trichloroethene	A	ND	0.050		mg/L	10	04/16/10 19:35
Vinyl chloride	A	ND	0.050		mg/L	10	04/16/10 19:35
Surr: 4-Bromofluorobenzene	S	99.3	76.9-116		%REC	10	04/16/10 19:35
Surr: Dibromofluoromethane	S	104	78.4-125		%REC	10	04/16/10 19:35
Surr: Toluene-d8	S	96.3	81.4-122		%REC	10	04/16/10 19:35

ANALYTICAL RESULTS

Date: Wednesday, May 05, 2010

Client: Weston Solutions, Inc.
Client Project: New Paris, IN
Client Sample ID: HNP-LS-01-041310D
Sample Description:
Sample Matrix: Aqueous

Work Order / ID: ME1004137-10
Collection Date: 04/13/10 16:30
Date Received: 04/14/10 16:32

Analyses	ST	Result	RL	Qual	Units	DF	Analyzed
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TCLP VOLATILES

Method: SW1311/8260B

Prep Date/Time: 04/15/10 16:09 Analyst: JLN

Surr: 1,2-Dichloroethane-d4	S	105	74.2-136		%REC	10	04/16/10 19:35
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IGNITABILITY (CLOSED CUP FLASHP Method: SW1010

Prep Date/Time:

Analyst: WAD

Ignitability	A	>170	30		°F	1	04/21/10 13:22
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PH

Method: 4500H B/9040C

Prep Date/Time:

Analyst: SMA

pH	A	7.81	0.02	H	pH units	1	04/20/10 10:30
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ANALYTICAL RESULTS

Date: Wednesday, May 05, 2010

Client: Weston Solutions, Inc.
 Client Project: New Paris, IN
 Client Sample ID: HNP-LS-02-041310
 Sample Description:
 Sample Matrix: Aqueous

Work Order / ID: ME1004137-11
 Collection Date: 04/13/10 16:45
 Date Received: 04/14/10 16:32

Analyses	ST	Result	RL	Qual	Units	DF	Analyzed
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PCB'S

Method: SW8082

Prep Date/Time: 04/19/10 07:28 Analyst: JLW

Aroclor 1016	A	ND	0.00052		mg/L	1	04/20/10 00:56
Aroclor 1221	A	ND	0.00052		mg/L	1	04/20/10 00:56
Aroclor 1232	A	ND	0.00052		mg/L	1	04/20/10 00:56
Aroclor 1242	A	ND	0.00052		mg/L	1	04/20/10 00:56
Aroclor 1248	A	ND	0.00052		mg/L	1	04/20/10 00:56
Aroclor 1254	A	ND	0.00052		mg/L	1	04/20/10 00:56
Aroclor 1260	A	ND	0.00052		mg/L	1	04/20/10 00:56
Aroclor 1262	A	ND	0.00052		mg/L	1	04/20/10 00:56
Aroclor 1268	A	ND	0.00052		mg/L	1	04/20/10 00:56
Total PCB's	A	ND	0.00052		mg/L	1	04/20/10 00:56
Surr: Tetrachloro-m-xylene	S	75.0	45.2-114		%REC	1	04/20/10 00:56
Surr: Decachlorobiphenyl	S	35.0	11.6-136		%REC	1	04/20/10 00:56

TCLP MERCURY

Method: SW1311/7470A

Prep Date/Time: 04/16/10 11:45 Analyst: GJM

Mercury	A	ND	0.0010		mg/L	1	04/16/10 15:33
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TCLP METALS

Method: SW1311/6010B

Prep Date/Time: 04/16/10 10:45 Analyst: SAA

Arsenic	A	ND	0.010		mg/L	1	04/16/10 18:27
Barium	A	ND	0.50		mg/L	1	04/16/10 18:27
Cadmium	A	ND	0.0020		mg/L	1	04/16/10 18:27
Chromium	A	0.0085	0.0070		mg/L	1	04/16/10 18:27
Lead	A	ND	0.0075		mg/L	1	04/16/10 18:27
Selenium	A	ND	0.030		mg/L	1	04/16/10 18:27
Silver	A	ND	0.010		mg/L	1	04/16/10 18:27

TCLP VOLATILES

Method: SW1311/8260B

Prep Date/Time: 04/15/10 16:09 Analyst: JLN

Benzene	A	ND	0.050		mg/L	10	04/16/10 20:07
2-Butanone	A	ND	0.10		mg/L	10	04/16/10 20:07
Carbon tetrachloride	A	ND	0.050		mg/L	10	04/16/10 20:07
Chlorobenzene	A	ND	0.050		mg/L	10	04/16/10 20:07
Chloroform	A	ND	0.050		mg/L	10	04/16/10 20:07
1,1-Dichloroethene	A	ND	0.050		mg/L	10	04/16/10 20:07
1,2-Dichloroethane	A	ND	0.050		mg/L	10	04/16/10 20:07
1,4-Dichlorobenzene	A	ND	0.050		mg/L	10	04/16/10 20:07
Tetrachloroethene	A	ND	0.050		mg/L	10	04/16/10 20:07
Trichloroethene	A	ND	0.050		mg/L	10	04/16/10 20:07
Vinyl chloride	A	ND	0.050		mg/L	10	04/16/10 20:07
Surr: 4-Bromofluorobenzene	S	101	76.9-116		%REC	10	04/16/10 20:07
Surr: Dibromofluoromethane	S	104	78.4-125		%REC	10	04/16/10 20:07
Surr: Toluene-d8	S	95.8	81.4-122		%REC	10	04/16/10 20:07

ANALYTICAL RESULTS

Date: Wednesday, May 05, 2010

Client: Weston Solutions, Inc.
Client Project: New Paris, IN
Client Sample ID: HNP-LS-02-041310
Sample Description:
Sample Matrix: Aqueous

Work Order / ID: ME1004137-11
Collection Date: 04/13/10 16:45
Date Received: 04/14/10 16:32

Analyses	ST	Result	RL	Qual	Units	DF	Analyzed
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TCLP VOLATILES

Method: **SW1311/8260B**

Prep Date/Time: **04/15/10 16:09** Analyst: **JLN**

Surr: 1,2-Dichloroethane-d4	S	108	74.2-136		%REC	10	04/16/10 20:07
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IGNITABILITY (CLOSED CUP FLASHP

Method: **SW1010**

Prep Date/Time:

Analyst: **WAD**

Ignitability	A	>170	30		°F	1	04/21/10 14:09
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PH

Method: **4500H B/9040C**

Prep Date/Time:

Analyst: **SMA**

pH	A	7.11	0.02	H	pH units	1	04/20/10 10:30
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ANALYTICAL RESULTS

Date: Wednesday, May 05, 2010

Client: Weston Solutions, Inc.
 Client Project: New Paris, IN
 Client Sample ID: HNP-LS-03-041310
 Sample Description:
 Sample Matrix: Aqueous

Work Order / ID: ME1004137-12
 Collection Date: 04/13/10 17:00
 Date Received: 04/14/10 16:32

Analyses	ST	Result	RL	Qual	Units	DF	Analyzed
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PCB'S		Method: SW8082		Prep Date/Time: 04/19/10 07:28 Analyst: JLW			
Aroclor 1016	A	ND	0.00046		mg/L	1	04/20/10 01:20
Aroclor 1221	A	ND	0.00046		mg/L	1	04/20/10 01:20
Aroclor 1232	A	ND	0.00046		mg/L	1	04/20/10 01:20
Aroclor 1242	A	ND	0.00046		mg/L	1	04/20/10 01:20
Aroclor 1248	A	ND	0.00046		mg/L	1	04/20/10 01:20
Aroclor 1254	A	ND	0.00046		mg/L	1	04/20/10 01:20
Aroclor 1260	A	ND	0.00046		mg/L	1	04/20/10 01:20
Aroclor 1262	A	ND	0.00046		mg/L	1	04/20/10 01:20
Aroclor 1268	A	ND	0.00046		mg/L	1	04/20/10 01:20
Total PCB's	A	ND	0.00046		mg/L	1	04/20/10 01:20
Surr: Tetrachloro-m-xylene	S	95.0	45.2-114		%REC	1	04/20/10 01:20
Surr: Decachlorobiphenyl	S	75.0	11.6-136		%REC	1	04/20/10 01:20

TCLP MERCURY		Method: SW1311/7470A		Prep Date/Time: 04/16/10 11:45 Analyst: GJM			
Mercury	A	ND	0.0010		mg/L	1	04/16/10 15:34

TCLP METALS		Method: SW1311/6010B		Prep Date/Time: 04/16/10 10:45 Analyst: SAA			
Arsenic	A	ND	0.010		mg/L	1	04/16/10 18:32
Barium	A	ND	0.50		mg/L	1	04/16/10 18:32
Cadmium	A	ND	0.0020		mg/L	1	04/16/10 18:32
Chromium	A	0.017	0.0070		mg/L	1	04/16/10 18:32
Lead	A	ND	0.0075		mg/L	1	04/16/10 18:32
Selenium	A	ND	0.030		mg/L	1	04/16/10 18:32
Silver	A	ND	0.010		mg/L	1	04/16/10 18:32

TCLP VOLATILES		Method: SW1311/8260B		Prep Date/Time: 04/15/10 16:09 Analyst: JLN			
Benzene	A	ND	0.050		mg/L	10	04/16/10 20:39
2-Butanone	A	ND	0.10		mg/L	10	04/16/10 20:39
Carbon tetrachloride	A	ND	0.050		mg/L	10	04/16/10 20:39
Chlorobenzene	A	ND	0.050		mg/L	10	04/16/10 20:39
Chloroform	A	ND	0.050		mg/L	10	04/16/10 20:39
1,1-Dichloroethene	A	ND	0.050		mg/L	10	04/16/10 20:39
1,2-Dichloroethane	A	ND	0.050		mg/L	10	04/16/10 20:39
1,4-Dichlorobenzene	A	ND	0.050		mg/L	10	04/16/10 20:39
Tetrachloroethene	A	ND	0.050		mg/L	10	04/16/10 20:39
Trichloroethene	A	ND	0.050		mg/L	10	04/16/10 20:39
Vinyl chloride	A	ND	0.050		mg/L	10	04/16/10 20:39
Surr: 4-Bromofluorobenzene	S	98.2	76.9-116		%REC	10	04/16/10 20:39
Surr: Dibromofluoromethane	S	105	78.4-125		%REC	10	04/16/10 20:39
Surr: Toluene-d8	S	94.1	81.4-122		%REC	10	04/16/10 20:39

ANALYTICAL RESULTS

Date: Wednesday, May 05, 2010

Client: Weston Solutions, Inc.
Client Project: New Paris, IN
Client Sample ID: HNP-LS-03-041310
Sample Description:
Sample Matrix: Aqueous

Work Order / ID: ME1004137-12
Collection Date: 04/13/10 17:00
Date Received: 04/14/10 16:32

Analyses	ST	Result	RL	Qual	Units	DF	Analyzed
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TCLP VOLATILES

Method: **SW1311/8260B**

Prep Date/Time: **04/15/10 16:09** Analyst: **JLN**

Surr: 1,2-Dichloroethane-d4	S	107	74.2-136		%REC	10	04/16/10 20:39
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IGNITABILITY (CLOSED CUP FLASHP

Method: **SW1010**

Prep Date/Time:

Analyst: **WAD**

Ignitability	A	>170	30		°F	1	04/21/10 14:41
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PH

Method: **4500H B/9040C**

Prep Date/Time:

Analyst: **SMA**

pH	A	8.49	0.02	H	pH units	1	04/20/10 10:30
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ANALYTICAL RESULTS

Date: Wednesday, May 05, 2010

Client: Weston Solutions, Inc.
 Client Project: New Paris, IN
 Client Sample ID: HNP-WS-02-041310
 Sample Description:
 Sample Matrix: Oil

Work Order / ID: ME1004137-13
 Collection Date: 04/13/10 17:45
 Date Received: 04/14/10 16:32

Analyses	ST	Result	RL	Qual	Units	DF	Analyzed
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PCBS IN OIL		Method: SW8082		Prep Date/Time: 04/16/10 13:30 Analyst: TNM			
Aroclor 1016	A	ND	2.0		mg/Kg	2	04/16/10 16:44
Aroclor 1221	A	ND	2.0		mg/Kg	2	04/16/10 16:44
Aroclor 1232	A	ND	2.0		mg/Kg	2	04/16/10 16:44
Aroclor 1242	A	ND	2.0		mg/Kg	2	04/16/10 16:44
Aroclor 1248	A	ND	2.0		mg/Kg	2	04/16/10 16:44
Aroclor 1254	A	ND	2.0		mg/Kg	2	04/16/10 16:44
Aroclor 1260	A	ND	2.0		mg/Kg	2	04/16/10 16:44
Aroclor 1262	A	ND	2.0		mg/Kg	2	04/16/10 16:44
Aroclor 1268	A	ND	2.0		mg/Kg	2	04/16/10 16:44
Total PCB's	A	ND	2.0		mg/Kg	2	04/16/10 16:44
Surr: Tetrachloro-m-xylene	S	80.0	61.1-147		%REC	2	04/16/10 16:44
Surr: Decachlorobiphenyl	S	70.0	42.3-154		%REC	2	04/16/10 16:44

TCLP MERCURY		Method: SW1311/7470A		Prep Date/Time: 04/16/10 11:45 Analyst: GJM			
Mercury	A	ND	0.0010		mg/L	1	04/16/10 15:41

TCLP METALS		Method: SW1311/6010B		Prep Date/Time: 04/16/10 10:45 Analyst: SAA			
Arsenic	A	ND	0.010		mg/L	1	04/16/10 17:44
Barium	A	ND	0.50		mg/L	1	04/16/10 17:44
Cadmium	A	ND	0.0020		mg/L	1	04/16/10 17:44
Chromium	A	0.012	0.0070		mg/L	1	04/16/10 17:44
Lead	A	ND	0.0075		mg/L	1	04/16/10 17:44
Selenium	A	ND	0.030		mg/L	1	04/16/10 17:44
Silver	A	ND	0.010		mg/L	1	04/16/10 17:44

TCLP VOLATILES		Method: SW1311/8260B		Prep Date/Time: 04/19/10 17:51 Analyst: JLN			
Benzene	A	ND	0.050		mg/L	10	04/20/10 15:36
2-Butanone	A	ND	0.10		mg/L	10	04/20/10 15:36
Carbon tetrachloride	A	ND	0.050		mg/L	10	04/20/10 15:36
Chlorobenzene	A	ND	0.050		mg/L	10	04/20/10 15:36
Chloroform	A	ND	0.050		mg/L	10	04/20/10 15:36
1,1-Dichloroethene	A	ND	0.050		mg/L	10	04/20/10 15:36
1,2-Dichloroethane	A	ND	0.050		mg/L	10	04/20/10 15:36
1,4-Dichlorobenzene	A	ND	0.050		mg/L	10	04/20/10 15:36
Tetrachloroethene	A	ND	0.050		mg/L	10	04/20/10 15:36
Trichloroethene	A	ND	0.050		mg/L	10	04/20/10 15:36
Vinyl chloride	A	ND	0.050		mg/L	10	04/20/10 15:36
Surr: 4-Bromofluorobenzene	S	99.4	76.9-116		%REC	10	04/20/10 15:36
Surr: Dibromofluoromethane	S	100	78.4-125		%REC	10	04/20/10 15:36
Surr: Toluene-d8	S	106	81.4-122		%REC	10	04/20/10 15:36

ANALYTICAL RESULTS

Date: Wednesday, May 05, 2010

Client: Weston Solutions, Inc.
Client Project: New Paris, IN
Client Sample ID: HNP-WS-02-041310
Sample Description:
Sample Matrix: Oil

Work Order / ID: ME1004137-13
Collection Date: 04/13/10 17:45
Date Received: 04/14/10 16:32

Analyses	ST	Result	RL	Qual	Units	DF	Analyzed
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TCLP VOLATILES

Method: SW1311/8260B

Prep Date/Time: 04/19/10 17:51 Analyst: JLN

Surr: 1,2-Dichloroethane-d4	S	111	74.2-136		%REC	10	04/20/10 15:36
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IGNITABILITY (OPEN CUP FLASHPOI

Method: D92-90 MOD

Prep Date/Time:

Analyst: WAD

Ignitability	A	>170	30		°F	1	04/21/10 15:16
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CORROSIVITY BY PH

Method: SW9045C

Prep Date/Time:

Analyst: SMA

pH	A	8.4	0.1		pH Units	1	04/21/10 14:45
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ANALYTICAL RESULTS

Date: Wednesday, May 05, 2010

Client: Weston Solutions, Inc.
 Client Project: New Paris, IN
 Client Sample ID: HNP-WS-02-041310D
 Sample Description:
 Sample Matrix: Oil

Work Order / ID: ME1004137-14
 Collection Date: 04/13/10 17:45
 Date Received: 04/14/10 16:32

Analyses	ST	Result	RL	Qual	Units	DF	Analyzed
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PCBS IN OIL		Method: SW8082		Prep Date/Time: 04/16/10 13:30 Analyst: TNM			
Aroclor 1016	A	ND	2.0		mg/Kg	2	04/16/10 17:10
Aroclor 1221	A	ND	2.0		mg/Kg	2	04/16/10 17:10
Aroclor 1232	A	ND	2.0		mg/Kg	2	04/16/10 17:10
Aroclor 1242	A	ND	2.0		mg/Kg	2	04/16/10 17:10
Aroclor 1248	A	ND	2.0		mg/Kg	2	04/16/10 17:10
Aroclor 1254	A	ND	2.0		mg/Kg	2	04/16/10 17:10
Aroclor 1260	A	ND	2.0		mg/Kg	2	04/16/10 17:10
Aroclor 1262	A	ND	2.0		mg/Kg	2	04/16/10 17:10
Aroclor 1268	A	ND	2.0		mg/Kg	2	04/16/10 17:10
Total PCB's	A	ND	2.0		mg/Kg	2	04/16/10 17:10
Surr: Tetrachloro-m-xylene	S	140	61.1-147		%REC	2	04/16/10 17:10
Surr: Decachlorobiphenyl	S	70.0	42.3-154		%REC	2	04/16/10 17:10

TCLP MERCURY		Method: SW1311/7470A		Prep Date/Time: 04/16/10 11:45 Analyst: GJM			
Mercury	A	ND	0.0010		mg/L	1	04/16/10 15:43

TCLP METALS		Method: SW1311/6010B		Prep Date/Time: 04/16/10 10:45 Analyst: SAA			
Arsenic	A	ND	0.010		mg/L	1	04/16/10 17:50
Barium	A	ND	0.50		mg/L	1	04/16/10 17:50
Cadmium	A	ND	0.0020		mg/L	1	04/16/10 17:50
Chromium	A	0.016	0.0070		mg/L	1	04/16/10 17:50
Lead	A	ND	0.0075		mg/L	1	04/16/10 17:50
Selenium	A	ND	0.030		mg/L	1	04/16/10 17:50
Silver	A	ND	0.010		mg/L	1	04/16/10 17:50

TCLP VOLATILES		Method: SW1311/8260B		Prep Date/Time: 04/19/10 17:51 Analyst: JLN			
Benzene	A	ND	0.050		mg/L	10	04/20/10 16:08
2-Butanone	A	ND	0.10		mg/L	10	04/20/10 16:08
Carbon tetrachloride	A	ND	0.050		mg/L	10	04/20/10 16:08
Chlorobenzene	A	ND	0.050		mg/L	10	04/20/10 16:08
Chloroform	A	ND	0.050		mg/L	10	04/20/10 16:08
1,1-Dichloroethene	A	ND	0.050		mg/L	10	04/20/10 16:08
1,2-Dichloroethane	A	ND	0.050		mg/L	10	04/20/10 16:08
1,4-Dichlorobenzene	A	ND	0.050		mg/L	10	04/20/10 16:08
Tetrachloroethene	A	ND	0.050		mg/L	10	04/20/10 16:08
Trichloroethene	A	ND	0.050		mg/L	10	04/20/10 16:08
Vinyl chloride	A	ND	0.050		mg/L	10	04/20/10 16:08
Surr: 4-Bromofluorobenzene	S	99.9	76.9-116		%REC	10	04/20/10 16:08
Surr: Dibromofluoromethane	S	102	78.4-125		%REC	10	04/20/10 16:08
Surr: Toluene-d8	S	108	81.4-122		%REC	10	04/20/10 16:08

ANALYTICAL RESULTS

Date: Wednesday, May 05, 2010

Client: Weston Solutions, Inc.
Client Project: New Paris, IN
Client Sample ID: HNP-WS-02-041310D
Sample Description:
Sample Matrix: Oil

Work Order / ID: ME1004137-14
Collection Date: 04/13/10 17:45
Date Received: 04/14/10 16:32

Analyses	ST	Result	RL	Qual	Units	DF	Analyzed
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TCLP VOLATILES

Method: SW1311/8260B

Prep Date/Time: 04/19/10 17:51 Analyst: JLN

Surr: 1,2-Dichloroethane-d4	S	112	74.2-136		%REC	10	04/20/10 16:08
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IGNITABILITY (OPEN CUP FLASHPOI

Method: D92-90 MOD

Prep Date/Time:

Analyst: WAD

Ignitability	A	>170	30		°F	1	04/21/10 16:00
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CORROSIVITY BY PH

Method: SW9045C

Prep Date/Time:

Analyst: SMA

pH	A	6.5	0.1		pH Units	1	04/21/10 14:45
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ANALYTICAL RESULTS

Date: Wednesday, May 05, 2010

Client: Weston Solutions, Inc.
 Client Project: New Paris, IN
 Client Sample ID: HNP-WS-01-041310
 Sample Description:
 Sample Matrix: Aqueous

Work Order / ID: ME1004137-15
 Collection Date: 04/13/10 17:20
 Date Received: 04/14/10 16:32

Analyses	ST	Result	RL	Qual	Units	DF	Analyzed
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PCB'S

Method: SW8082

Prep Date/Time: 04/19/10 07:28 Analyst: JLW

Aroclor 1016	A	ND	0.0012		mg/L	1	04/20/10 01:44
Aroclor 1221	A	ND	0.0012		mg/L	1	04/20/10 01:44
Aroclor 1232	A	ND	0.0012		mg/L	1	04/20/10 01:44
Aroclor 1242	A	ND	0.0012		mg/L	1	04/20/10 01:44
Aroclor 1248	A	ND	0.0012		mg/L	1	04/20/10 01:44
Aroclor 1254	A	ND	0.0012		mg/L	1	04/20/10 01:44
Aroclor 1260	A	ND	0.0012		mg/L	1	04/20/10 01:44
Aroclor 1262	A	ND	0.0012		mg/L	1	04/20/10 01:44
Aroclor 1268	A	ND	0.0012		mg/L	1	04/20/10 01:44
Total PCB's	A	ND	0.0012		mg/L	1	04/20/10 01:44
Surr: Tetrachloro-m-xylene	S	85.0	45.2-114		%REC	1	04/20/10 01:44
Surr: Decachlorobiphenyl	S	52.5	11.6-136		%REC	1	04/20/10 01:44

TCLP MERCURY

Method: SW1311/7470A

Prep Date/Time: 04/20/10 09:25 Analyst: GJM

Mercury	A	ND	0.0010		mg/L	1	04/20/10 12:22
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TCLP METALS

Method: SW1311/6010B

Prep Date/Time: 04/19/10 09:40 Analyst: GJM

Arsenic	A	ND	0.010		mg/L	1	04/19/10 18:42
Barium	A	ND	0.50		mg/L	1	04/19/10 18:42
Cadmium	A	ND	0.0020		mg/L	1	04/19/10 18:42
Chromium	A	ND	0.0030		mg/L	1	04/19/10 18:42
Lead	A	ND	0.0075		mg/L	1	04/19/10 18:42
Selenium	A	ND	0.030		mg/L	1	04/19/10 18:42
Silver	A	ND	0.010		mg/L	1	04/19/10 18:42

TCLP VOLATILES

Method: SW1311/8260B

Prep Date/Time: 04/16/10 17:30 Analyst: JLN

Benzene	A	ND	0.050		mg/L	10	04/20/10 12:24
2-Butanone	A	ND	0.10		mg/L	10	04/20/10 12:24
Carbon tetrachloride	A	ND	0.050		mg/L	10	04/20/10 12:24
Chlorobenzene	A	ND	0.050		mg/L	10	04/20/10 12:24
Chloroform	A	ND	0.050		mg/L	10	04/20/10 12:24
1,1-Dichloroethene	A	ND	0.050		mg/L	10	04/20/10 12:24
1,2-Dichloroethane	A	ND	0.050		mg/L	10	04/20/10 12:24
1,4-Dichlorobenzene	A	ND	0.050		mg/L	10	04/20/10 12:24
Tetrachloroethene	A	ND	0.050		mg/L	10	04/20/10 12:24
Trichloroethene	A	ND	0.050		mg/L	10	04/20/10 12:24
Vinyl chloride	A	ND	0.050		mg/L	10	04/20/10 12:24
Surr: 4-Bromofluorobenzene	S	99.5	76.9-116		%REC	10	04/20/10 12:24
Surr: Dibromofluoromethane	S	100	78.4-125		%REC	10	04/20/10 12:24
Surr: Toluene-d8	S	108	81.4-122		%REC	10	04/20/10 12:24

ANALYTICAL RESULTS

Date: Wednesday, May 05, 2010

Client: Weston Solutions, Inc.
Client Project: New Paris, IN
Client Sample ID: HNP-WS-01-041310
Sample Description:
Sample Matrix: Aqueous

Work Order / ID: ME1004137-15
Collection Date: 04/13/10 17:20
Date Received: 04/14/10 16:32

Analyses	ST	Result	RL	Qual	Units	DF	Analyzed
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TCLP VOLATILES

Method: SW1311/8260B

Prep Date/Time: 04/16/10 17:30 Analyst: JLN

Surr: 1,2-Dichloroethane-d4	S	109	74.2-136		%REC	10	04/20/10 12:24
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IGNITABILITY (CLOSED CUP FLASHP Method: SW1010

Prep Date/Time:

Analyst: WAD

Ignitability	A	>170	30		°F	1	04/21/10 17:28
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PH

Method: 4500H B/9040C

Prep Date/Time:

Analyst: SMA

pH	A	7.62	0.02	H	pH units	1	04/20/10 10:30
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FLAGS, FOOTNOTES AND ABBREVIATIONS (as needed)

NA	=	Not Analyzed	N/A	=	Not Applicable		
mg/L	=	Milligrams per Liter (ppm)	ug/L	=	Micrograms per Liter (ppb)	cfu	= Colony Forming Unit
mg/Kg	=	Milligrams per Kilogram (ppm)	ug/Kg	=	Micrograms per Kilogram (ppb)	ng/L	= Nanograms per Liter (ppt)
U	=	Undetected					
J	=	Analyte concentration detected between RL and MDL (Metals / Organics)					
j	=	Analyte concentration detected between 1/2 PQL and PQL (for TIC analytes only)					
B	=	Detected in the associated Method Blank at a concentration above the routine PQL/RL					
b	=	Detected in the associated Method Blank at a concentration above the Method Detection Limit but less than the routine PQL/RL					
D	=	Surrogate recoveries are not calculated due to sample dilution					
ND	=	Not Detected at the Reporting Limit (or the Method Detection Limit, if listed)					
E	=	Value above quantitation range					
H	=	Analyte was prepared and/or analyzed outside of the analytical method holding time					
I	=	Matrix Interference					
R	=	RPD outside accepted recovery limits					
S	=	Spike recovery outside recovery limits					
Surr	=	Surrogate					
DF	=	Dilution Factor	RL	=	Reporting Limit	ST	= Sample Type
						MDL	= Method Detection Limit

SAMPLE TYPES

A	=	Analyte
I	=	Internal Standard
S	=	Surrogate
T	=	Tentatively Identified Compound (TIC, concentration estimated)

QC SAMPLE IDENTIFICATIONS

MBLK	=	Method Blank	ICSA	=	Interference Check Standard "A"	OPR	=	Ongoing Precision and Recovery Standard
DUP	=	Method Duplicate	ICSAB	=	Interference Check Standard "AB"			
LCS	=	Laboratory Control Sample	LCSD	=	Laboratory Control Sample Duplicate			
MS	=	Matrix Spike	MSD	=	Matrix Spike Duplicate			
ICB	=	Initial Calibration Blank	CCB	=	Continuing Calibration Blank			
ICV	=	Initial Calibration Verification	CCV	=	Continuing Calibration Verification			
PDS	=	Post Digestion Spike	SD	=	Serial Dilution			

CERTIFICATIONS

Below is a list of certifications maintained by the Microbac Merrillville Laboratory. All data included in this report has been reviewed for and meets all project specific and quality control requirements of the applicable accreditation, unless otherwise noted. Complete lists of individual analytes pursuant to each certification below are available upon request.

- Illinois EPA for the analysis wastewater and solid waste in accordance with the requirements of the National Environmental Laboratory Accreditation Program [NELAP] (accreditation #100435)
- Illinois Department of Public Health for the microbiological analysis of drinking water (registry #1755266)
- Indiana DEM approved support laboratory for solid waste and wastewater analyses
- Indiana SDH for the chemical analysis of drinking water (lab #C-45-03)
- Indiana SDH for the microbiological analysis of drinking water (lab #M-45-8)
- Kentucky DEP for the chemical analysis of drinking water (lab #90147)
- Kentucky EPPC for the analysis of samples applicable to the Underground Storage Tank program (lab #75)
- New York SDH for the chemical analysis of air and emissions (lab #11909)
- North Carolina DENR for the environmental analysis for NPDES effluent, surface water, groundwater, and pretreatment regulations (certificate #597)
- Tennessee DEC for the chemical analysis of drinking water (lab #04017)
- Wisconsin DNR for the chemical analysis of wastewater and solid waste (lab #998036710)

MICROBAC LOCATIONS, SERVICE CENTERS (SC) AND SATELLITE OFFICES (Sat)

Baltimore Division - Baltimore, MD
Camp Hill Division - Camp Hill, PA
Camp Hill Division (SC) - Pittston, PA
Chicagoland Division - Merrillville, IN
Chicagoland Division (SC) - Indianapolis, IN
Southern California Division - Corona, CA
Erie Division - Erie, PA
Fayetteville Division - Fayetteville, NC
Hauser Division - Boulder, CO

Kentucky Division - Louisville, KY
Kentucky Division (Sat) - Evansville, IN
Kentucky Division (Sat) - Lexington, KY
Kentucky Division (Sat) - Paducah, KY
Knoxville Division - Maryville, TN
Massachusetts Division - Worcester, MA
Microbac Corporate Office - Pittsburgh, PA
Microbac NY - Cortland Office - Cortland, NY
Microbac NY - Waverly Office - Waverly, NY

Ohio Valley Division - Marietta, OH
Pittsburgh Division - Warrendale, PA
Richmond Division - Richmond, VA
South Carolina Division - New Ellenton, SC
South Jersey Division - Laurel Springs, NJ
Southern Headquarters - Poquoson, VA
Southern Testing Division - Wilson, NC
Southern Testing Division (Sat) - Greensboro, NC
Venice Division - Venice, FL



COOLER INSPECTION

Date: Wednesday, May 05, 2010

Client Name **Weston Solutions, Inc.**

Date / Time Received: **4/14/2010 4:32:00 PM**

Work Order Number **ME1004137**

Received by **DP**

Checklist completed by **DP** 4/14/2010 7:38:23 PM

Reviewed by **RJM** 4/19/2010 8:59:58 AM

Carrier name Microbac

After-Hour Arrival?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody included sufficient client identification?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody included sufficient sample collector information?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody included a sample description?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody identified the appropriate matrix?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody included date of collection?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody included time of collection?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody identified the appropriate number of containers?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
If samples are preserved, are the preservatives identified?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples properly preserved?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	

If No, adjusted by?

Date/Time

Chain of custody included the requested analyses?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Samples received on ice?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

Container/Temp Blank temperatures

Cooler	Temp
1	6 °C
2	5 °C
3	6 °C
4	6 °C

VOA vials for aqueous samples have zero headspace? No VOA vials submitted ☒ Yes ☐ No ☐

ANY "NO" EVALUATION (excluding After-Hour Receipt) REQUIRES CLIENT NOTIFICATION.

General Comments: Additional analysis was added per the clients request.

Sample ID	Client Sample ID	Comments
ME1004137-01A	HNP-SD-01-041310	
ME1004137-02A	HNP-SD-02-041310	
ME1004137-03A	HNP-SD-03-041310	
ME1004137-04A	HNP-SD-04-041310	
ME1004137-05A	HNP-SD-04-041310D	
ME1004137-06A	HNP-SD-05-041310	
ME1004137-07A	HNP-SD-06-041310	
ME1004137-08A	HNP-SD-07-041310	
ME1004137-09A	HNP-LS-01-041310	
ME1004137-09B	HNP-LS-01-041310	
ME1004137-09C	HNP-LS-01-041310	



Sample ID	Client Sample ID	Comments
ME1004137-10A	HNP-LS-01-041310D	
ME1004137-10B	HNP-LS-01-041310D	
ME1004137-10C	HNP-LS-01-041310D	
ME1004137-11A	HNP-LS-02-041310	
ME1004137-11B	HNP-LS-02-041310	
ME1004137-11C	HNP-LS-02-041310	
ME1004137-12A	HNP-LS-03-041310	
ME1004137-12B	HNP-LS-03-041310	
ME1004137-12C	HNP-LS-03-041310	
ME1004137-13A	HNP-WS-02-041310	
ME1004137-14A	HNP-WS-02-041310D	
ME1004137-15A	HNP-WS-01-041310	
ME1004137-15B	HNP-WS-01-041310	

CLIENT: Weston Solutions, Inc.
Work Order: ME1004137
Project: New Paris, IN

ANALYTICAL QC SUMMARY REPORT

BatchID: R145287

Sample ID: ME1004132-01DDUP	SampType: DUP	TestCode: PH_W	Units: pH units	Prep Date:	Run ID: PH-PROBE_100420A						
Client ID: ZZZZZ	Batch ID: R145287	TestNo: 4500H B/9040	Analysis Date: 4/20/2010 10:30:00 AM	SeqNo: 2311798							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
pH	6.94	0.0200	0	0	0			7.04	1.43	20	H

Sample ID: CCV	SampType: CCV	TestCode: PH_W	Units: pH units	Prep Date:	Run ID: PH-PROBE_100420A						
Client ID: ZZZZZ	Batch ID: R145287	TestNo: 4500H B/9040	Analysis Date: 4/20/2010 10:30:00 AM	SeqNo: 2311796							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
pH	7.02	0.0200	7	0	100	99.71	100.29	0	0		

Sample ID: CCV		SampType: CCV		TestCode: PH_W		Units: pH units		Prep Date:		Run ID: PH-PROBE_100420A		
Client ID: ZZZZZ		Batch ID: R145287		TestNo: 4500H B/9040				Analysis Date: 4/20/2010 10:30:00 AM		SeqNo: 2311806		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
pH	7.02	0.0200	7	0	100	99.71	100.29	0	0			

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected above reporting limit in the Method Blank
J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits b - Analyte detected below reporting limit in the Method Blank
H - Analyte was prepared and/or analyzed outside of the analytical method holding time

CLIENT: Weston Solutions, Inc.
Work Order: ME1004137
Project: New Paris, IN

ANALYTICAL QC SUMMARY REPORT

BatchID: R145309

Sample ID: ME1004137-05ADUP	SampType: DUP	TestCode: PH_S	Units: pH Units	Prep Date:	Run ID: PH-PROBE_100420B						
Client ID: HNP-SD-04-041310D	Batch ID: R145309	TestNo: SW9045C		Analysis Date: 4/20/2010 3:10:00 PM	SeqNo: 2312136						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
pH	9.83	0.100	0	0	0	0	0	9.87	0.406	20	

Sample ID: CCV		SampType: CCV		TestCode: PH_S		Units: pH Units		Prep Date:		Run ID: PH-PROBE_100420B	
Client ID: ZZZZZ		Batch ID: R145309		TestNo: SW9045C				Analysis Date: 4/20/2010 3:10:00 PM		SeqNo: 2312128	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
pH	6.99	0.100	7	0	99.9	99.71	100.29	0	0		

Sample ID: CCV		SampType: CCV		TestCode: PH_S		Units: pH Units		Prep Date:		Run ID: PH-PROBE_100420B	
Client ID: ZZZZZ		Batch ID: R145309		TestNo: SW9045C				Analysis Date: 4/20/2010 3:10:00 PM		SeqNo: 2312139	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
pH	6.98	0.100	7	0	99.7	99.71	100.29	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected above reporting limit in the Method Blank
J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits b - Analyte detected below reporting limit in the Method Blank
H - Analyte was prepared and/or analyzed outside of the analytical method holding time

CLIENT: Weston Solutions, Inc.
Work Order: ME1004137
Project: New Paris, IN

ANALYTICAL QC SUMMARY REPORT

BatchID: R145357

Sample ID: ME1004137-14ADUP	SampType: DUP	TestCode: PH_S	Units: pH Units	Prep Date:	Run ID: PH-PROBE_100421A						
Client ID: HNP-WS-02-041310	Batch ID: R145357	TestNo: SW9045C		Analysis Date: 4/21/2010 2:45:00 PM	SeqNo: 2312889						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
pH	6.57	0.100	0	0	0	0	0	6.53	0.611	20	

Sample ID: CCV	SampType: CCV	TestCode: PH_S	Units: pH Units	Prep Date:	Run ID: PH-PROBE_100421A						
Client ID: ZZZZZ	Batch ID: R145357	TestNo: SW9045C		Analysis Date: 4/21/2010 2:45:00 PM	SeqNo: 2312883						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
pH	7.02	0.100	7	0	100	99.71	100.29	0	0		

Sample ID: CCV		SampType: CCV		TestCode: PH_S		Units: pH Units		Prep Date:		Run ID: PH-PROBE_100421A		
Client ID: ZZZZZ		Batch ID: R145357		TestNo: SW9045C				Analysis Date: 4/21/2010 2:45:00 PM		SeqNo: 2312894		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
pH	7	0.100	7	0	100	99.71	100.29	0	0			

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected above reporting limit in the Method Blank
J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits b - Analyte detected below reporting limit in the Method Blank
H - Analyte was prepared and/or analyzed outside of the analytical method holding time

CLIENT: Weston Solutions, Inc.
Work Order: ME1004137
Project: New Paris, IN

ANALYTICAL QC SUMMARY REPORT

BatchID: R145376

Sample ID: LCS	SampType: LCS	TestCode: IGN-CLOSED	Units: F	Prep Date:				Run ID: FLASH-POINT_100421A			
Client ID: ZZZZZ	Batch ID: R145376	TestNo: SW1010		Analysis Date: 4/21/2010 12:39:00 PM				SeqNo: 2312978			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ignitability	81	30	81	0	100	97.5	102	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected above reporting limit in the Method Blank
J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits b - Analyte detected below reporting limit in the Method Blank
H - Analyte was prepared and/or analyzed outside of the analytical method holding time

CLIENT: Weston Solutions, Inc.
Work Order: ME1004137
Project: New Paris, IN

ANALYTICAL QC SUMMARY REPORT**BatchID: 81118**

Sample ID: MB100416-3	SampType: MBLK	TestCode: 6010TC	Units: mg/L	Prep Date: 4/16/2010 10:45:00 AM	Run ID: ICP-2_100416A						
Client ID: ZZZZZ	Batch ID: 81118	TestNo: SW1311/6010		Analysis Date: 4/16/2010 4:26:00 PM	SeqNo: 2311191						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.010									
Barium	0.013	0.50									J
Cadmium	ND	0.0020									
Chromium	0.0066	0.0070									J
Lead	ND	0.0075									
Selenium	0.0065	0.030									J
Silver	0.0042	0.010									J

Sample ID: LCS100416-3	SampType: LCS	TestCode: 6010TC	Units: mg/L	Prep Date: 4/16/2010 10:45:00 AM	Run ID: ICP-2_100416A						
Client ID: ZZZZZ	Batch ID: 81118	TestNo: SW1311/6010		Analysis Date: 4/16/2010 4:32:00 PM	SeqNo: 2311192						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	2.067	0.010	2	0	103	80	120	0	0		
Barium	2.356	0.50	2.2	0	107	80	120	0	0		b
Cadmium	0.1989	0.0020	0.2	0	99.5	80	120	0	0		
Chromium	2.032	0.0030	2	0	102	80	120	0	0		
Lead	1.898	0.0075	2	0	94.9	80	120	0	0		
Selenium	2.049	0.030	2	0	102	80	120	0	0		b
Silver	0.1975	0.010	0.2	0	98.8	80	120	0	0		b

Sample ID: ME1004133-01AMS		SampType: MS	TestCode: 6010TC		Units: mg/L	Prep Date: 4/16/2010 10:45:00 AM			Run ID: ICP-2_100416A		
Client ID: ZZZZZ		Batch ID: 81118	TestNo: SW1311/6010			Analysis Date: 4/16/2010 5:32:00 PM			SeqNo: 2311201		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	2.126	0.010	2	0	106	50	200	0	0		
Barium	2.41	0.50	2.2	0.0451	107	50	200	0	0		b
Cadmium	0.1959	0.0020	0.2	0	98	50	200	0	0		
Chromium	2.075	0.0070	2	0.0091	103	50	200	0	0		b
Lead	1.919	0.0075	2	0.0038	95.8	50	200	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected above reporting limit in the Method Blank
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits b - Analyte detected below reporting limit in the Method Blank
 H - Analyte was prepared and/or analyzed outside of the analytical method holding time

CLIENT: Weston Solutions, Inc.
Work Order: ME1004137
Project: New Paris, IN

ANALYTICAL QC SUMMARY REPORT

BatchID: 81118

Sample ID: ME1004133-01AMS		SampType: MS	TestCode: 6010TC		Units: mg/L	Prep Date: 4/16/2010 10:45:00 AM			Run ID: ICP-2_100416A		
Client ID: ZZZZZ		Batch ID: 81118	TestNo: SW1311/6010			Analysis Date: 4/16/2010 5:32:00 PM			SeqNo: 2311201		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Selenium	2.069	0.030	2	0.0081	103	50	200	0	0		b
Silver	0.1994	0.010	0.2	0.0038	97.8	50	200	0	0		b

Sample ID: ME1004137-12AMS	SampType: MS	TestCode: 6010TC	Units: mg/L	Prep Date: 4/16/2010 10:45:00 AM	Run ID: ICP-2_100416A						
Client ID: HNP-LS-03-041310	Batch ID: 81118	TestNo: SW1311/6010		Analysis Date: 4/16/2010 6:38:00 PM	SeqNo: 2311211						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	2.123	0.010	2	0	106	50	200	0	0		
Barium	2.389	0.50	2.2	0.0076	108	50	200	0	0		b
Cadmium	0.208	0.0020	0.2	0	104	50	200	0	0		
Chromium	2.171	0.0070	2	0.0172	108	50	200	0	0		b
Lead	2.017	0.0075	2	0	101	50	200	0	0		
Selenium	1.958	0.030	2	0	97.9	50	200	0	0		b
Silver	0.1984	0.010	0.2	0.0096	94.4	50	200	0	0		b

Sample ID: ME1004133-01AMSD		SampType: MSD	TestCode: 6010TC		Units: mg/L	Prep Date: 4/16/2010 10:45:00 AM			Run ID: ICP-2_100416A		
Client ID: ZZZZZ		Batch ID: 81118	TestNo: SW1311/6010			Analysis Date: 4/16/2010 5:38:00 PM			SeqNo: 2311202		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	2.195	0.010	2	0	110	50	200	2.126	3.19	20	
Barium	2.478	0.50	2.2	0.0451	111	50	200	2.41	2.78	20	b
Cadmium	0.2045	0.0020	0.2	0	102	50	200	0.1959	4.30	20	
Chromium	2.151	0.0070	2	0.0091	107	50	200	2.075	3.60	20	b
Lead	1.984	0.0075	2	0.0038	99	50	200	1.919	3.33	20	
Selenium	2.124	0.030	2	0.0081	106	50	200	2.069	2.62	20	b
Silver	0.1986	0.010	0.2	0.0038	97.4	50	200	0.1994	0.402	20	b

Sample ID: ME1004137-12AMSD	SampType: MSD	TestCode: 6010TC	Units: mg/L	Prep Date: 4/16/2010 10:45:00 AM	Run ID: ICP-2_100416A						
Client ID: HNP-LS-03-041310	Batch ID: 81118	TestNo: SW1311/6010		Analysis Date: 4/16/2010 6:43:00 PM	SeqNo: 2311212						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected above reporting limit in the Method Blank
J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits b - Analyte detected below reporting limit in the Method Blank
H - Analyte was prepared and/or analyzed outside of the analytical method holding time

CLIENT: Weston Solutions, Inc.
Work Order: ME1004137
Project: New Paris, IN

ANALYTICAL QC SUMMARY REPORT

BatchID: 81118

Sample ID: ME1004137-12AMSD		SampType: MSD	TestCode: 6010TC		Units: mg/L	Prep Date: 4/16/2010 10:45:00 AM			Run ID: ICP-2_100416A		
Client ID: HNP-LS-03-041310		Batch ID: 81118	TestNo: SW1311/6010			Analysis Date: 4/16/2010 6:43:00 PM			SeqNo: 2311212		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	2.079	0.010	2	0	104	50	200	2.123	2.09	20	
Barium	2.357	0.50	2.2	0.0076	107	50	200	2.389	1.35	20	b
Cadmium	0.2052	0.0020	0.2	0	103	50	200	0.208	1.36	20	
Chromium	2.143	0.0070	2	0.0172	106	50	200	2.171	1.30	20	b
Lead	1.991	0.0075	2	0	99.6	50	200	2.017	1.30	20	
Selenium	1.936	0.030	2	0	96.8	50	200	1.958	1.13	20	b
Silver	0.1989	0.010	0.2	0.0096	94.7	50	200	0.1984	0.252	20	b

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected above reporting limit in the Method Blank
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H - Analyte was prepared and/or analyzed outside of the analytical method holding time

CLIENT: Weston Solutions, Inc.
Work Order: ME1004137
Project: New Paris, IN

ANALYTICAL QC SUMMARY REPORT

BatchID: 81119

Sample ID: MB100416-4	SampType: MBLK	TestCode: 6010TC	Units: mg/L	Prep Date: 4/16/2010 8:15:00 AM	Run ID: ICP-2_100416A						
Client ID: ZZZZZ	Batch ID: 81119	TestNo: SW1311/6010		Analysis Date: 4/16/2010 12:50:00 PM	SeqNo: 2310574						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.010									
Barium	0.0083	0.50									J
Cadmium	ND	0.0020									
Chromium	0.0023	0.0030									J
Lead	ND	0.0075									
Selenium	0.0089	0.030									J
Silver	0.0054	0.010									J

Sample ID: LCS100416-4	SampType: LCS	TestCode: 6010TC	Units: mg/L	Prep Date: 4/16/2010 8:15:00 AM	Run ID: ICP-2_100416A						
Client ID: ZZZZZ	Batch ID: 81119	TestNo: SW1311/6010		Analysis Date: 4/16/2010 12:55:00 PM	SeqNo: 2310575						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	2.061	0.010	2	0	103	80	120	0	0		
Barium	2.349	0.50	2.2	0	107	80	120	0	0		b
Cadmium	0.2012	0.0020	0.2	0	101	80	120	0	0		
Chromium	2.088	0.0030	2	0	104	80	120	0	0		b
Lead	1.929	0.0075	2	0	96.4	80	120	0	0		
Selenium	2.072	0.030	2	0	104	80	120	0	0		b
Silver	0.195	0.010	0.2	0	97.5	80	120	0	0		b

Sample ID: ME1004005-01AMS	SampType: MS	TestCode: 6010TC	Units: mg/L	Prep Date: 4/16/2010 8:15:00 AM	Run ID: ICP-2_100416A						
Client ID: ZZZZZ	Batch ID: 81119	TestNo: SW1311/6010		Analysis Date: 4/16/2010 1:06:00 PM	SeqNo: 2310577						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	2.175	0.010	2	0	109	50	200	0	0		
Barium	2.542	0.50	2.2	0.0654	113	50	200	0	0		b
Cadmium	0.1969	0.0020	0.2	0	98.5	50	200	0	0		
Chromium	2.132	0.0030	2	0.04	105	50	200	0	0		b
Lead	1.899	0.0075	2	0	95	50	200	0	0		
Selenium	2.178	0.030	2	0	109	50	200	0	0		b
Silver	0.2206	0.010	0.2	0	110	50	200	0	0		b

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected above reporting limit in the Method Blank
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H - Analyte was prepared and/or analyzed outside of the analytical method holding time

CLIENT: Weston Solutions, Inc.
Work Order: ME1004137
Project: New Paris, IN

ANALYTICAL QC SUMMARY REPORT

BatchID: 81119

Sample ID: ME1004005-01AMSD SampType: MSD TestCode: 6010TC Units: mg/L Prep Date: 4/16/2010 8:15:00 AM Run ID: ICP-2_100416A
Client ID: ZZZZZ Batch ID: 81119 TestNo: SW1311/6010 Analysis Date: 4/16/2010 1:11:00 PM SeqNo: 2310578

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	2.148	0.010	2	0	107	50	200	2.175	1.25	20	
Barium	2.473	0.50	2.2	0.0654	109	50	200	2.542	2.75	20	b
Cadmium	0.1937	0.0020	0.2	0	96.8	50	200	0.1969	1.64	20	
Chromium	2.105	0.0030	2	0.04	103	50	200	2.132	1.27	20	b
Lead	1.876	0.0075	2	0	93.8	50	200	1.899	1.22	20	
Selenium	2.155	0.030	2	0	108	50	200	2.178	1.06	20	b
Silver	0.2048	0.010	0.2	0	102	50	200	0.2206	7.43	20	b

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected above reporting limit in the Method Blank
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CLIENT: Weston Solutions, Inc.
Work Order: ME1004137
Project: New Paris, IN

ANALYTICAL QC SUMMARY REPORT

BatchID: 81140

Sample ID: MB100419-5	SampType: MBLK	TestCode: 6010TC	Units: mg/L	Prep Date: 4/19/2010 9:40:00 AM	Run ID: ICP-2_100419A						
Client ID: ZZZZZ	Batch ID: 81140	TestNo: SW1311/6010		Analysis Date: 4/19/2010 6:04:00 PM	SeqNo: 2311650						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.010									
Barium	0.0018	0.50									J
Cadmium	ND	0.0020									
Chromium	0.0006	0.0030									J
Lead	ND	0.0075									
Selenium	0.0062	0.030									J
Silver	ND	0.010									

Sample ID: LCS100419-5	SampType: LCS	TestCode: 6010TC	Units: mg/L	Prep Date: 4/19/2010 9:40:00 AM	Run ID: ICP-2_100419A						
Client ID: ZZZZZ	Batch ID: 81140	TestNo: SW1311/6010		Analysis Date: 4/19/2010 6:31:00 PM	SeqNo: 2311653						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	1.957	0.010	2	0	97.8	80	120	0	0		
Barium	2.331	0.50	2.2	0	106	80	120	0	0		b
Cadmium	0.1957	0.0020	0.2	0	97.8	80	120	0	0		
Chromium	1.917	0.0030	2	0	95.8	80	120	0	0		b
Lead	1.88	0.0075	2	0	94	80	120	0	0		
Selenium	1.911	0.030	2	0	95.6	80	120	0	0		b
Silver	0.1942	0.010	0.2	0	97.1	80	120	0	0		

Sample ID: ME1004137-15AMS	SampType: MS	TestCode: 6010TC	Units: mg/L	Prep Date: 4/19/2010 9:40:00 AM	Run ID: ICP-2_100419A						
Client ID: HNP-WS-01-041310	Batch ID: 81140	TestNo: SW1311/6010		Analysis Date: 4/19/2010 6:47:00 PM	SeqNo: 2311656						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	2.017	0.010	2	0	101	50	200	0	0		
Barium	2.478	0.50	2.2	0.0428	111	50	200	0	0		b
Cadmium	0.2029	0.0020	0.2	0	101	50	200	0	0		
Chromium	2.079	0.0030	2	0.0013	104	50	200	0	0		b
Lead	1.999	0.0075	2	0	100	50	200	0	0		
Selenium	1.856	0.030	2	0	92.8	50	200	0	0		b
Silver	0.2008	0.010	0.2	0	100	50	200	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected above reporting limit in the Method Blank
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CLIENT: Weston Solutions, Inc.
Work Order: ME1004137
Project: New Paris, IN

ANALYTICAL QC SUMMARY REPORT

BatchID: 81140

Sample ID: ME1004146-01AMS		SampType: MS	TestCode: 6010TC		Units: mg/L	Prep Date: 4/19/2010 9:40:00 AM			Run ID: ICP-2_100419A		
Client ID: ZZZZZ		Batch ID: 81140	TestNo: SW1311/6010			Analysis Date: 4/19/2010 7:09:00 PM			SeqNo: 2311660		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	1.994	0.010	2	0	99.7	50	200	0	0		
Barium	2.418	0.50	2.2	0.1193	104	50	200	0	0		b
Cadmium	0.1891	0.0020	0.2	0.0018	93.7	50	200	0	0		
Chromium	1.917	0.0030	2	0.0007	95.8	50	200	0	0		b
Lead	1.814	0.0075	2	0	90.7	50	200	0	0		
Selenium	1.937	0.030	2	0.0313	95.3	50	200	0	0		b
Silver	0.1885	0.010	0.2	0	94.2	50	200	0	0		

Sample ID: ME1004137-15AMSD	SampType: MSD	TestCode: 6010TC	Units: mg/L	Prep Date: 4/19/2010 9:40:00 AM	Run ID: ICP-2_100419A						
Client ID: HNP-WS-01-041310	Batch ID: 81140	TestNo: SW1311/6010		Analysis Date: 4/19/2010 6:53:00 PM	SeqNo: 2311657						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	1.975	0.010	2	0	98.8	50	200	2.017	2.10	20	
Barium	2.424	0.50	2.2	0.0428	108	50	200	2.478	2.20	20	b
Cadmium	0.199	0.0020	0.2	0	99.5	50	200	0.2029	1.94	20	
Chromium	2.034	0.0030	2	0.0013	102	50	200	2.079	2.19	20	b
Lead	1.957	0.0075	2	0	97.8	50	200	1.999	2.12	20	
Selenium	1.817	0.030	2	0	90.8	50	200	1.856	2.12	20	b
Silver	0.1911	0.010	0.2	0	95.6	50	200	0.2008	4.95	20	

Sample ID: ME1004146-01AMSD		SampType: MSD	TestCode: 6010TC		Units: mg/L	Prep Date: 4/19/2010 9:40:00 AM			Run ID: ICP-2_100419A		
Client ID: ZZZZZ	Batch ID: 81140		TestNo: SW1311/6010			Analysis Date: 4/19/2010 7:15:00 PM			SeqNo: 2311661		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	2.031	0.010	2	0	102	50	200	1.994	1.84	20	
Barium	2.497	0.50	2.2	0.1193	108	50	200	2.418	3.21	20	b
Cadmium	0.1927	0.0020	0.2	0.0018	95.4	50	200	0.1891	1.89	20	
Chromium	1.946	0.0030	2	0.0007	97.3	50	200	1.917	1.50	20	b
Lead	1.844	0.0075	2	0	92.2	50	200	1.814	1.64	20	
Selenium	1.963	0.030	2	0.0313	96.6	50	200	1.937	1.33	20	b
Silver	0.1984	0.010	0.2	0	99.2	50	200	0.1885	5.12	20	

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected above reporting limit in the Method Blank
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CLIENT: Weston Solutions, Inc.
Work Order: ME1004137
Project: New Paris, IN

ANALYTICAL QC SUMMARY REPORT

BatchID: 81124

Sample ID: MB100416-7	SampType: MBLK	TestCode: 1311_HG	Units: mg/L	Prep Date: 4/16/2010 11:45:00 AM	Run ID: CVAA-2_100416A						
Client ID: ZZZZZ	Batch ID: 81124	TestNo: SW1311/7470		Analysis Date: 4/16/2010 3:13:00 PM	SeqNo: 2311023						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.0003063	0.0010									J

Sample ID: LCS100416-7	SampType: LCS	TestCode: 1311_HG	Units: mg/L	Prep Date: 4/16/2010 11:45:00 AM	Run ID: CVAA-2_100416A						
Client ID: ZZZZZ	Batch ID: 81124	TestNo: SW1311/7470		Analysis Date: 4/16/2010 3:14:00 PM	SeqNo: 2311024						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.00244	0.0010	0.002	0	122	80	120	0	0		bS

Sample ID: ME1004133-01AMS	SampType: MS	TestCode: 1311_HG	Units: mg/L	Prep Date: 4/16/2010 11:45:00 AM	Run ID: CVAA-2_100416A						
Client ID: ZZZZZ	Batch ID: 81124	TestNo: SW1311/7470		Analysis Date: 4/16/2010 3:27:00 PM	SeqNo: 2311033						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.002179	0.0010	0.002	0.0001067	104	50	200	0	0		b

Sample ID: ME1004137-12AMS	SampType: MS	TestCode: 1311_HG	Units: mg/L	Prep Date: 4/16/2010 11:45:00 AM	Run ID: CVAA-2_100416A						
Client ID: HNP-LS-03-041310	Batch ID: 81124	TestNo: SW1311/7470		Analysis Date: 4/16/2010 3:36:00 PM	SeqNo: 2311039						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.001847	0.0010	0.002	0.0000529	89.7	50	200	0	0		b

Sample ID: ME1004133-01AMSD	SampType: MSD	TestCode: 1311_HG	Units: mg/L	Prep Date: 4/16/2010 11:45:00 AM	Run ID: CVAA-2_100416A						
Client ID: ZZZZZ	Batch ID: 81124	TestNo: SW1311/7470		Analysis Date: 4/16/2010 3:28:00 PM	SeqNo: 2311034						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.002166	0.0010	0.002	0.0001067	103	50	200	0.002179	0.598	20	b

Sample ID: ME1004137-12AMSD	SampType: MSD	TestCode: 1311_HG	Units: mg/L	Prep Date: 4/16/2010 11:45:00 AM	Run ID: CVAA-2_100416A						
Client ID: HNP-LS-03-041310	Batch ID: 81124	TestNo: SW1311/7470		Analysis Date: 4/16/2010 3:37:00 PM	SeqNo: 2311040						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.00201	0.0010	0.002	0.0000529	97.9	50	200	0.001847	8.45	20	b

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected above reporting limit in the Method Blank
J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits b - Analyte detected below reporting limit in the Method Blank
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CLIENT: Weston Solutions, Inc.
Work Order: ME1004137
Project: New Paris, IN

ANALYTICAL QC SUMMARY REPORT

BatchID: 81125

Sample ID: MB100416-8	SampType: MBLK	TestCode: 1311_HG	Units: mg/L	Prep Date: 4/16/2010 11:45:00 AM	Run ID: CVAA-2_100416A						
Client ID: ZZZZZ	Batch ID: 81125	TestNo: SW1311/7470		Analysis Date: 4/16/2010 3:48:00 PM	SeqNo: 2311045						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.0000536	0.0010									J

Sample ID: LCS100416-8	SampType: LCS	TestCode: 1311_HG	Units: mg/L	Prep Date: 4/16/2010 11:45:00 AM	Run ID: CVAA-2_100416A						
Client ID: ZZZZZ	Batch ID: 81125	TestNo: SW1311/7470		Analysis Date: 4/16/2010 3:50:00 PM	SeqNo: 2311046						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.002181	0.0010	0.002	0	109	80	120	0	0		b

Sample ID: ME1004137-08AMS	SampType: MS	TestCode: 1311_HG	Units: mg/L	Prep Date: 4/16/2010 11:45:00 AM	Run ID: CVAA-2_100416A						
Client ID: HNP-SD-07-041310	Batch ID: 81125	TestNo: SW1311/7470		Analysis Date: 4/16/2010 4:11:00 PM	SeqNo: 2311061						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.002063	0.0010	0.002	0.0000875	98.8	50	200	0	0		b

Sample ID: ME1004137-08AMSD	SampType: MSD	TestCode: 1311_HG	Units: mg/L	Prep Date: 4/16/2010 11:45:00 AM	Run ID: CVAA-2_100416A						
Client ID: HNP-SD-07-041310	Batch ID: 81125	TestNo: SW1311/7470		Analysis Date: 4/16/2010 4:16:00 PM	SeqNo: 2311064						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.002038	0.0010	0.002	0.0000875	97.5	50	200	0.002063	1.22	20	b

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected above reporting limit in the Method Blank
J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits b - Analyte detected below reporting limit in the Method Blank
H - Analyte was prepared and/or analyzed outside of the analytical method holding time

CLIENT: Weston Solutions, Inc.
Work Order: ME1004137
Project: New Paris, IN

ANALYTICAL QC SUMMARY REPORT

BatchID: 81168

Sample ID: MB100420-7	SampType: MBLK	TestCode: 1311_HG	Units: mg/L	Prep Date: 4/20/2010 9:25:00 AM	Run ID: CVAA-2_100420A						
Client ID: ZZZZZ	Batch ID: 81168	TestNo: SW1311/7470		Analysis Date: 4/20/2010 12:04:00 PM	SeqNo: 2311913						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.0010									

Sample ID: LCS100420-7	SampType: LCS	TestCode: 1311_HG	Units: mg/L	Prep Date: 4/20/2010 9:25:00 AM	Run ID: CVAA-2_100420A						
Client ID: ZZZZZ	Batch ID: 81168	TestNo: SW1311/7470		Analysis Date: 4/20/2010 12:05:00 PM	SeqNo: 2311914						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.002078	0.0010	0.002	0	104	80	120	0	0		

Sample ID: ME1004142-01AMS	SampType: MS	TestCode: 1311_HG	Units: mg/L	Prep Date: 4/20/2010 9:25:00 AM	Run ID: CVAA-2_100420A						
Client ID: ZZZZZ	Batch ID: 81168	TestNo: SW1311/7470		Analysis Date: 4/20/2010 12:20:00 PM	SeqNo: 2311924						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.00295	0.0010	0.002	0.0008325	106	50	200	0	0		

Sample ID: ME1004137-15AMS	SampType: MS	TestCode: 1311_HG	Units: mg/L	Prep Date: 4/20/2010 9:25:00 AM	Run ID: CVAA-2_100420A						
Client ID: HNP-WS-01-041310	Batch ID: 81168	TestNo: SW1311/7470		Analysis Date: 4/20/2010 12:24:00 PM	SeqNo: 2311927						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.002279	0.0010	0.002	0	114	50	200	0	0		

Sample ID: ME1004142-01AMSD	SampType: MSD	TestCode: 1311_HG	Units: mg/L	Prep Date: 4/20/2010 9:25:00 AM	Run ID: CVAA-2_100420A						
Client ID: ZZZZZ	Batch ID: 81168	TestNo: SW1311/7470		Analysis Date: 4/20/2010 12:21:00 PM	SeqNo: 2311925						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.00313	0.0010	0.002	0.0008325	115	50	200	0.00295	5.92	20	

Sample ID: ME1004137-15AMSD	SampType: MSD	TestCode: 1311_HG	Units: mg/L	Prep Date: 4/20/2010 9:25:00 AM	Run ID: CVAA-2_100420A						
Client ID: HNP-WS-01-041310	Batch ID: 81168	TestNo: SW1311/7470		Analysis Date: 4/20/2010 12:25:00 PM	SeqNo: 2311928						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.002155	0.0010	0.002	0	108	50	200	0.002279	5.59	20	

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected above reporting limit in the Method Blank
J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits b - Analyte detected below reporting limit in the Method Blank
H - Analyte was prepared and/or analyzed outside of the analytical method holding time

CLIENT: Weston Solutions, Inc.
Work Order: ME1004137
Project: New Paris, IN

ANALYTICAL QC SUMMARY REPORT

BatchID: 81128

Sample ID: bk-6-041610	SampType: mblk	TestCode: pcb_o	Units: mg/kg	Prep Date: 4/16/2010 1:30:00 PM	Run ID: ECD-1_100416A						
Client ID: ZZZZZ	Batch ID: 81128	TestNo: SW8082		Analysis Date: 4/16/2010 3:28:00 PM	SeqNo: 2310829						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	1.0									
Aroclor 1221	ND	1.0									
Aroclor 1232	ND	1.0									
Aroclor 1242	ND	1.0									
Aroclor 1248	ND	1.0									
Aroclor 1254	ND	1.0									
Aroclor 1260	ND	1.0									
Aroclor 1262	ND	1.0									
Aroclor 1268	ND	1.0									
Surr: Tetrachloro-m-xylene	0.18		0.2	0	90	61.1	147	0	0		
Surr: Decachlorobiphenyl	0.2		0.2	0	100	42.3	154	0	0		

Sample ID: lcs-6a-041610		SampType: lcs	TestCode: pcb_o		Units: mg/kg	Prep Date: 4/16/2010 1:30:00 PM			Run ID: ECD-1_100416A		
Client ID: ZZZZZ		Batch ID: 81128	TestNo: SW8082			Analysis Date: 4/16/2010 3:53:00 PM			SeqNo: 2310830		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	5.258	1.0	5	0	105	85	132	0	0		
Aroclor 1260	5.344	1.0	5	0	107	80.4	125	0	0		
Surr: Tetrachloro-m-xylene	0.2		0.2	0	100	61.1	147	0	0		
Surr: Decachlorobiphenyl	0.2		0.2	0	100	42.3	154	0	0		

Sample ID: lcs-6b-041610		SampType: lcs	TestCode: pcb_o		Units: mg/kg	Prep Date: 4/16/2010 1:30:00 PM			Run ID: ECD-1_100416A		
Client ID: ZZZZZ		Batch ID: 81128	TestNo: SW8082			Analysis Date: 4/16/2010 4:19:00 PM			SeqNo: 2310831		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	5.208	1.0	5	0	104	85	132	0	0		
Aroclor 1260	5.248	1.0	5	0	105	80.4	125	0	0		
Surr: Tetrachloro-m-xylene	0.19		0.2	0	95	61.1	147	0	0		
Surr: Decachlorobiphenyl	0.21		0.2	0	105	42.3	154	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected above reporting limit in the Method Blank
J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits b - Analyte detected below reporting limit in the Method Blank
H - Analyte was prepared and/or analyzed outside of the analytical method holding time

CLIENT: Weston Solutions, Inc.
Work Order: ME1004137
Project: New Paris, IN

ANALYTICAL QC SUMMARY REPORT

BatchID: 81151

Sample ID: bk-1-041910	SampType: mblk	TestCode: 8081pcb_w	Units: µg/L	Prep Date: 4/19/2010 7:28:00 AM	Run ID: ECD-1_100419A						
Client ID: ZZZZZ	Batch ID: 81151	TestNo: SW8082		Analysis Date: 4/19/2010 6:05:00 PM	SeqNo: 2311703						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	0.50									
Aroclor 1221	ND	0.50									
Aroclor 1232	ND	0.50									
Aroclor 1242	ND	0.50									
Aroclor 1248	ND	0.50									
Aroclor 1254	ND	0.50									
Aroclor 1260	ND	0.50									
Aroclor 1262	ND	0.50									
Aroclor 1268	ND	0.50									
Total PCB's	ND	0.50									
Surr: Tetrachloro-m-xylene	0.2		0.2	0	100	26.2	247	0	0		
Surr: Decachlorobiphenyl	0.17		0.2	0	85	57.9	128	0	0		

Sample ID: lcs-1b-041910	SampType: lcs	TestCode: 8081pcb_w	Units: µg/L	Prep Date: 4/19/2010 7:28:00 AM	Run ID: ECD-1_100419A						
Client ID: ZZZZZ	Batch ID: 81151	TestNo: SW8082		Analysis Date: 4/19/2010 6:53:00 PM	SeqNo: 2311704						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	3.976	0.50	5	0	79.5	59.1	127	0	0		
Aroclor 1260	3.722	0.50	5	0	74.4	62.9	117	0	0		
Surr: Tetrachloro-m-xylene	0.24		0.2	0	120	45.2	114	0	0		S
Surr: Decachlorobiphenyl	0.16		0.2	0	80	11.6	136	0	0		

Sample ID: me1004132-01bms	SampType: ms	TestCode: 8081pcb_w	Units: µg/L	Prep Date: 4/19/2010 7:28:00 AM	Run ID: ECD-1_100419A						
Client ID: ZZZZZ	Batch ID: 81151	TestNo: SW8082		Analysis Date: 4/19/2010 8:06:00 PM	SeqNo: 2311706						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	8.567	1.0	10.2	0	84	52.8	123	0	0		
Aroclor 1260	9.118	1.0	10.2	0	89.4	51.6	135	0	0		
Surr: Tetrachloro-m-xylene	0.3673		0.4082	0	90	45.2	114	0	0		
Surr: Decachlorobiphenyl	0.3673		0.4082	0	90	11.6	136	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected above reporting limit in the Method Blank
J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits b - Analyte detected below reporting limit in the Method Blank
H - Analyte was prepared and/or analyzed outside of the analytical method holding time

CLIENT: Weston Solutions, Inc.
Work Order: ME1004137
Project: New Paris, IN

ANALYTICAL QC SUMMARY REPORT

BatchID: 81151

Sample ID: me1004132-01bmsd		SampType: msd		TestCode: 8081pcb_w		Units: µg/L		Prep Date: 4/19/2010 7:28:00 AM		Run ID: ECD-1_100419A	
Client ID: ZZZZZ		Batch ID: 81151		TestNo: SW8082				Analysis Date: 4/19/2010 8:30:00 PM		SeqNo: 2311707	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	8.428	1.0	10	0	84.3	52.8	123	8.567	1.64	44.9	
Aroclor 1260	8.892	1.0	10	0	88.9	51.6	135	9.118	2.51	41.4	
Surr: Tetrachloro-m-xylene	0.38		0.4	0	95	45.2	114	0	0	0	
Surr: Decachlorobiphenyl	0.36		0.4	0	90	11.6	136	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected above reporting limit in the Method Blank
J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits b - Analyte detected below reporting limit in the Method Blank
H - Analyte was prepared and/or analyzed outside of the analytical method holding time

CLIENT: Weston Solutions, Inc.
Work Order: ME1004137
Project: New Paris, IN

ANALYTICAL QC SUMMARY REPORT

BatchID: 81181

Sample ID: bk-4-042010		SampType: mblk		TestCode: 8081pcb_s		Units: µg/Kg		Prep Date: 4/20/2010 11:07:00 AM		Run ID: ECD-1_100420A	
Client ID: ZZZZZ		Batch ID: 81181		TestNo: SW8082				Analysis Date: 4/20/2010 3:01:00 PM		SeqNo: 2312372	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	33									
Aroclor 1221	ND	33									
Aroclor 1232	ND	33									
Aroclor 1242	ND	33									
Aroclor 1248	ND	33									
Aroclor 1254	ND	33									
Aroclor 1260	ND	33									
Aroclor 1262	ND	33									
Aroclor 1268	ND	33									
Total PCB's	ND	33									
Surr: Tetrachloro-m-xylene	4.333		6.66	0	65.1	19.9	131	0	0		
Surr: Decachlorobiphenyl	3.333		6.66	0	50.1	17.9	149	0	0		

Sample ID: lcs-4-042010	SampType: lcs	TestCode: 8081pcb_s	Units: µg/Kg	Prep Date: 4/20/2010 11:07:00 AM	Run ID: ECD-1_100420A						
Client ID: ZZZZZ	Batch ID: 81181	TestNo: SW8082		Analysis Date: 4/20/2010 3:25:00 PM	SeqNo: 2312373						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	80.27	33	166.7	0	48.2	31.5	145	0	0		
Aroclor 1260	84.4	33	166.7	0	50.6	40.2	142	0	0		
Surr: Tetrachloro-m-xylene	4.333		6.66	0	65.1	23.6	170	0	0		
Surr: Decachlorobiphenyl	3		6.66	0	45	22.2	175	0	0		

Sample ID: me1004137-01ams	SampType: ms	TestCode: 8081pcb_s	Units: µg/Kg	Prep Date: 4/20/2010 11:07:00 AM	Run ID: ECD-1_100420A						
Client ID: HNP-SD-01-041310	Batch ID: 81181	TestNo: SW8082		Analysis Date: 4/20/2010 7:05:00 PM	SeqNo: 2312382						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	152.7	33	166.6	0	91.6	23.2	152	0	0		
Aroclor 1260	158.5	33	166.6	0	95.1	38.5	115	0	0		
Surr: Tetrachloro-m-xylene	6.664		6.658	0	100	19.9	131	0	0		
Surr: Decachlorobiphenyl	5.998		6.658	0	90.1	17.9	149	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected above reporting limit in the Method Blank
J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits b - Analyte detected below reporting limit in the Method Blank
H - Analyte was prepared and/or analyzed outside of the analytical method holding time

CLIENT: Weston Solutions, Inc.
Work Order: ME1004137
Project: New Paris, IN

ANALYTICAL QC SUMMARY REPORT
BatchID: 81181

Sample ID: me1004137-01amsd		SampType: msd	TestCode: 8081pcb_s		Units: µg/Kg	Prep Date: 4/20/2010 11:07:00 AM			Run ID: ECD-1_100420A		
Client ID: HNP-SD-01-041310		Batch ID: 81181	TestNo: SW8082			Analysis Date: 4/20/2010 7:29:00 PM			SeqNo: 2312383		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	91.57	33	166	0	55.2	23.2	152	152.7	50.0	16.7	R
Aroclor 1260	92.43	33	166	0	55.7	38.5	115	158.5	52.6	13.1	R
Surr: Tetrachloro-m-xylene	3.984		6.633	0	60.1	19.9	131	0	0	0	
Surr: Decachlorobiphenyl	3.32		6.633	0	50.1	17.9	149	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected above reporting limit in the Method Blank
J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits b - Analyte detected below reporting limit in the Method Blank
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CLIENT: Weston Solutions, Inc.
Work Order: ME1004137
Project: New Paris, IN

ANALYTICAL QC SUMMARY REPORT

BatchID: 81154

Sample ID: MBLK 04/19	SampType: MBLK	TestCode: 1311_v	Units: mg/L	Prep Date:	Run ID: VOA-1_100419B						
Client ID: ZZZZZ	Batch ID: 81154	TestNo: SW1311/8260	Analysis Date: 4/19/2010 11:34:00 AM	SeqNo: 2311991							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	ND	0.0050									
2-Butanone	ND	0.010									
Carbon tetrachloride	ND	0.0050									
Chlorobenzene	ND	0.0050									
Chloroform	ND	0.0050									
1,1-Dichloroethene	ND	0.0050									
1,2-Dichloroethane	ND	0.0050									
1,4-Dichlorobenzene	ND	0.0050									
Tetrachloroethene	ND	0.0050									
Trichloroethene	ND	0.0050									
Vinyl chloride	ND	0.0050									
Surr: 4-Bromofluorobenzene	0.04915		0.05	0	98.3	76.9	116	0	0		
Surr: Dibromofluoromethane	0.05076		0.05	0	102	78.4	125	0	0		
Surr: Toluene-d8	0.05415		0.05	0	108	81.4	122	0	0		
Surr: 1,2-Dichloroethane-d4	0.05451		0.05	0	109	74.2	136	0	0		

Sample ID: ZHEBLK 04/16	SampType: MBLK	TestCode: 1311_V	Units: mg/L	Prep Date:	Run ID: VOA-1_100419B						
Client ID: ZZZZZ	Batch ID: 81154	TestNo: SW1311/8260	Analysis Date: 4/19/2010 4:00:00 PM	SeqNo: 2311993							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	ND	0.050									
2-Butanone	ND	0.10									
Carbon tetrachloride	ND	0.050									
Chlorobenzene	ND	0.050									
Chloroform	ND	0.050									
1,1-Dichloroethene	ND	0.050									
1,2-Dichloroethane	ND	0.050									
1,4-Dichlorobenzene	ND	0.050									
Tetrachloroethene	ND	0.050									

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected above reporting limit in the Method Blank
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H - Analyte was prepared and/or analyzed outside of the analytical method holding time

CLIENT: Weston Solutions, Inc.
Work Order: ME1004137
Project: New Paris, IN

ANALYTICAL QC SUMMARY REPORT

BatchID: 81154

Sample ID: ZHEBLK 04/16	SampType: MBLK	TestCode: 1311_V	Units: mg/L	Prep Date:				Run ID: VOA-1_100419B			
Client ID: ZZZZZ	Batch ID: 81154	TestNo: SW1311/8260	Analysis Date: 4/19/2010 4:00:00 PM				SeqNo: 2311993				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	ND	0.050									
Vinyl chloride	ND	0.050									
Surr: 4-Bromofluorobenzene	0.4724		0.5	0	94.5	76.9	116	0	0		
Surr: Dibromofluoromethane	0.4993		0.5	0	99.9	78.4	125	0	0		
Surr: Toluene-d8	0.5368		0.5	0	107	81.4	122	0	0		
Surr: 1,2-Dichloroethane-d4	0.4999		0.5	0	100	74.2	136	0	0		

Sample ID: LCS 04/19		SampType: LCS		TestCode: 1311_v		Units: mg/L		Prep Date:		Run ID: VOA-1_100419B	
Client ID: ZZZZZ		Batch ID: 81154		TestNo: SW1311/8260				Analysis Date: 4/19/2010 12:06:00 PM		SeqNo: 2311992	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	0.01677	0.0050	0.02	0	83.8	75.5	121	0	0		
Carbon tetrachloride	0.01779	0.0050	0.02	0	89	68.7	143	0	0		
Chlorobenzene	0.01972	0.0050	0.02	0	98.6	67.9	138	0	0		
Chloroform	0.0179	0.0050	0.02	0	89.5	72.6	134	0	0		
1,1-Dichloroethene	0.01381	0.0050	0.02	0	69	44	149	0	0		
1,2-Dichloroethane	0.01931	0.0050	0.02	0	96.6	63	145	0	0		
1,4-Dichlorobenzene	0.02077	0.0050	0.02	0	104	78.9	119	0	0		
Tetrachloroethene	0.0197	0.0050	0.02	0	98.5	68.7	150	0	0		
Trichloroethene	0.01715	0.0050	0.02	0	85.8	45.2	154	0	0		
Vinyl chloride	0.01528	0.0050	0.02	0	76.4	45	140	0	0		
Surr: 4-Bromofluorobenzene	0.04927		0.05	0	98.5	76.9	116	0	0		
Surr: Dibromofluoromethane	0.05131		0.05	0	103	78.4	125	0	0		
Surr: Toluene-d8	0.05347		0.05	0	107	81.4	122	0	0		
Surr: 1,2-Dichloroethane-d4	0.05432		0.05	0	109	74.2	136	0	0		

Sample ID: ME1004168-01AMS	SampType: MS	TestCode: 8260+_W	Units: µg/L	Prep Date:	Run ID: VOA-1_100419A						
Client ID: ZZZZZ	Batch ID: 81154	TestNo: SW8260B		Analysis Date: 4/19/2010 6:41:00 PM	SeqNo: 2311976						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	14.62	5.0	20	0	73.1	62.3	115	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected above reporting limit in the Method Blank
J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits b - Analyte detected below reporting limit in the Method Blank
H - Analyte was prepared and/or analyzed outside of the analytical method holding time

CLIENT: Weston Solutions, Inc.
Work Order: ME1004137
Project: New Paris, IN

ANALYTICAL QC SUMMARY REPORT

BatchID: 81154

Sample ID: ME1004168-01AMS		SampType: MS	TestCode: 8260+_W		Units: µg/L	Prep Date:			Run ID: VOA-1_100419A		
Client ID: ZZZZZ	Batch ID: 81154		TestNo: SW8260B		Analysis Date: 4/19/2010 6:41:00 PM			SeqNo: 2311976			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Butanone	14.27	10	20	0	71.4	36	126	0	0		
Carbon tetrachloride	15.24	5.0	20	0	76.2	46.6	132	0	0		
Chlorobenzene	17.42	5.0	20	0	87.1	73.4	114	0	0		
Chloroform	15.6	5.0	20	0	78	70.8	117	0	0		
1,2-Dichloroethane	17.48	5.0	20	0	87.4	69	126	0	0		
1,1-Dichloroethene	11.51	5.0	20	0	57.6	47.6	110	0	0		
Tetrachloroethene	17.44	5.0	20	0	87.2	65.2	110	0	0		
Trichloroethene	15.05	5.0	20	0	75.2	66	110	0	0		
Vinyl chloride	11.81	2.0	20	0	59	58	148	0	0		
1,4-Dichlorobenzene	18.18	10	20	0	90.9	73.2	110	0	0		
Surr: 4-Bromofluorobenzene	48.94		50	0	97.9	77	116	0	0		
Surr: Dibromofluoromethane	50.31		50	0	101	85	115	0	0		
Surr: 1,2-Dichloroethane-d4	52.93		50	0	106	74	129	0	0		
Surr: Toluene-d8	53.09		50	0	106	82	118	0	0		

Sample ID: ME1004168-01AMSD		SampType: MSD	TestCode: 8260+_W		Units: µg/L	Prep Date:			Run ID: VOA-1_100419A		
Client ID: ZZZZZ	Batch ID: 81154		TestNo: SW8260B		Analysis Date: 4/19/2010 7:13:00 PM			SeqNo: 2311977			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	14.87	5.0	20	0	74.4	62.3	115	14.62	1.70	30	
2-Butanone	14.58	10	20	0	72.9	36	126	14.27	2.15	30	
Carbon tetrachloride	15.84	5.0	20	0	79.2	46.6	132	15.24	3.86	30	
Chlorobenzene	17.86	5.0	20	0	89.3	73.4	114	17.42	2.49	30	
Chloroform	16.13	5.0	20	0	80.6	70.8	117	15.6	3.34	30	
1,2-Dichloroethane	17.58	5.0	20	0	87.9	69	126	17.48	0.570	30	
1,1-Dichloroethene	11.95	5.0	20	0	59.8	47.6	110	11.51	3.75	30	
Tetrachloroethene	17.38	5.0	20	0	86.9	65.2	110	17.44	0.345	30	
Trichloroethene	15.69	5.0	20	0	78.5	66	110	15.05	4.16	30	
Vinyl chloride	11.46	2.0	20	0	57.3	58	148	11.81	3.01	30	S
1,4-Dichlorobenzene	18.8	10	20	0	94	73.2	110	18.18	3.35	30	
Surr: 4-Bromofluorobenzene	49.13		50	0	98.3	77	116	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected above reporting limit in the Method Blank
J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits b - Analyte detected below reporting limit in the Method Blank
H - Analyte was prepared and/or analyzed outside of the analytical method holding time

CLIENT: Weston Solutions, Inc.
Work Order: ME1004137
Project: New Paris, IN

ANALYTICAL QC SUMMARY REPORT

BatchID: 81154

Sample ID: ME1004168-01AMSD		SampType: MSD	TestCode: 8260+_W		Units: µg/L	Prep Date:			Run ID: VOA-1_100419A		
Client ID: ZZZZZ		Batch ID: 81154		TestNo: SW8260B		Analysis Date: 4/19/2010 7:13:00 PM			SeqNo: 2311977		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Dibromofluoromethane	50.77		50	0	102	85	115	0	0	0	
Surr: 1,2-Dichloroethane-d4	52.7		50	0	105	74	129	0	0	0	
Surr: Toluene-d8	53.07		50	0	106	82	118	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected above reporting limit in the Method Blank
J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits b - Analyte detected below reporting limit in the Method Blank
H - Analyte was prepared and/or analyzed outside of the analytical method holding time

Samples
Submitted to:

[] 250 West 84th Drive
Merrillville, IN 46410
Tel: 219-769-8378
Fax: 219-769-1664

[] 5713 West 85th Street
Indianapolis, IN 46278
Tel: 317-872-1375
Fax: 317-872-1379

Chain of Custody Record

Number 96073

Instructions on back

Client Name	Project	Hoskins St	Turnaround Time	Report Type										
Address	Location	IN	[X] Routine (7 working days)	[] Results Only										
City, State, Zip	PO #		[] RUSH* (notify lab)	[] Level III [] Level III CLP-like										
Contact	Compliance Monitoring?	[] Yes(1) [] No	(needed by)	[] Level IV [] Level IV CLP-like										
Telephone #	(1) Agency/Program			[X] EDD										
Client Name: Western Solutions Inc	Project: Hoskins St													
Address: 750 E. Barker Ct Ste 500	Location: IN													
City, State, Zip: Warren Hills, IL, 60061	PO #													
Contact: Ben MavradVel	Compliance Monitoring?	[] Yes(1) [] No												
Telephone # 847-918-4000	(1) Agency/Program													
Sampled by (PRINT): Timothy Walls	Sampler Signature: Timothy Walls		Sampler Phone # 847-918-4000											
and Report via [] Mail [] Telephone [] Fax (fax #)														
* Matrix Types: Soil/Solid (S), Sludge, Oil, Wipe, Drinking Water (DW), Groundwater (GW), Surface Water (SW), Waste Water (WW), Other (specify)														
** Preservative Types: (1) HNO ₃ , (2) H ₂ SO ₄ , (3) HCl, (4) NaOH, (5) Zinc Acetate, (6) Methanol, (7) Sodium Bisulfate, (8) Sodium Thiosulfate, (9) Hexane, (U) Unpreserved														
Client Sample ID	Matrix*	Grab	Composite	Filtered	Date Collected	Time Collected	No. of Containers	Requested Analyses Preservative Types **	TCLP Metals	TCLP VOCs	RB Liquids	Totals PCBs	Flash Point	For Lab Use Only
HNP-SD-01-041310	S		X		4-13-10	1430	2	U	X	X	X	X		1004137
HNP-SD-02-041310	I				4-13-10	1445	2		X	X	X	X		01A
HNP-SD-03-041310	I					1500	2		X	X	X	X		02A
HNP-SD-04-041310	I					1515	2		X	X	X	X		03A
HNP-SD-05-041310	I					1545	2		X	X	X	X		04A
HNP-SD-06-041310	I					1530	2		X	X	X	X		05A
HNP-SD-07-041310	I					1545	2		X	X	X	X		06A
HNP-LS-01-041310	Liquid					1600	2		X	X	X	X		07A
HNP-LS-02-041310	Liquid					1630	2		X	X	X	X		08A
HNP-LS-03-041310	Liquid					1630	2		X	X	X	X		09A-C
HNP-LS-04-041310	Liquid				4-13-10	1645	3	U	X	X	X	X		10A-C
HNP-LS-05-041310	Liquid						3		X	X	X	X		11A-C

Possible Hazard Identification	[] Hazardous	[] Non-Hazardous	Sample Disposition	[X] Dispose as appropriate	[] Return	[] Archive
Comments	Relinquished By (signature)	Date/Time	Received By (signature)	Date/Time		
Add: TCLP VOC, PCBs, FP to COC Re.	Timothy Walls	4-14-10/1210	Received By (signature)	4-14-10		1210
Temp Rec 2 4/14/10	Relinquished By (signature)	Date/Time	Received By (signature)	Date/Time		
Sample temperature upon receipt in degrees C = 53.1 °C	Relinquished By (signature)	Date/Time	Received for Lab By (signature)	Date/Time		1632
		4-14-10		4/14		1632

FW: RE: Microbac Proposal for New Paris

kfalvey@microbac.com [kfalvey@microbac.com]

Sent: Thursday, April 15, 2010 8:33 AM

To: Ron Misunas

Cc: Dave Bryant

Heads up on the Weston Work Order

-----Original Message-----

From: "Rauh, Jay" <Jay.Rauh@WestonSolutions.com>

Sent: Wednesday, April 14, 2010 4:11pm

To: "Ron Misunas" <rmisunas@microbac.com>, "kfalvey@microbac.com" <kfalvey@microbac.com>

Cc: "Balla, Tonya" <T.Balla@WestonSolutions.com>

Subject: RE: Microbac Proposal for New Paris

Kevin,

The chain of custody is incorrect for some of the samples that will be couriered to you today. Samples HNP-SD-XX-041310 (and one duplicate) are solid wastes and should be analyzed for TCLP VOCs, Total PCBs, and flashpoint in addition to TCLP Metals which is indicated on the chain of custody. Let me know if you have any questions. I can be reached at either of the below numbers or by email.

Jay Rauh

Weston Solutions, Inc.
20 N. Wacker Drive, Suite 1210
Chicago, IL 60606
o. 312-424-3315 | c. 224-595-1617

From: Balla, Tonya

Sent: Monday, April 12, 2010 5:13 PM

To: Walls, Timothy; Rauh, Jay

Cc: Maradkel, Ben

Subject: FW: Microbac Proposal for New Paris

FYI

T onya Balla

847 918-4094 office

847 528-2623 cell

t.balla@westonsolutions.com

From: Kevin Falvey [mailto:kfalvey@microbac.com]
Sent: Monday, April 12, 2010 4:47 PM

To: Balla, Tonya; t.walls@westonsolutions.com

Cc: 'Ron Misunas'; 'Mike Chenoweth'

Subject: FW: Microbac Proposal for New Paris

Tim-

Based upon the Weston Matrix for expected samples- Use the following:

BOTTLES

Analytical

Qty.

HOSKINS NEW PARIS SITE ASSESSMENT
NEW PARIS, INDIANA
DATA VALIDATION REPORT

Date: May 6, 2010
Laboratory: Microbac Laboratory – Merrillville, Indiana
Laboratory Project #: ME1004137
Data Validation Performed By: Tonya Balla (Weston)
Weston Work Order #: 20405.012.001.0942.00

This data validation report has been prepared by Weston. This report documents the data validation for 15 waste samples collected for the Hoskins New Paris site assessment. Samples were analyzed for Toxicity Characteristic Leaching Potential (TCLP) Volatile Organic Compounds (VOC) and Metals, Total PCBs, and pH following U.S. Environmental Protection Agency (U.S. EPA) methods:

- PCBs – Method 8082
- TCLP Metals – Method 1311/6010B/7470A/7471
- TCLP VOC – Method 1311/8360
- Flashpoint – Mod ASTM 9290
- pH – Method 9045C

The data validation was conducted in general accordance with the U.S. EPA “Contract Laboratory Program National Functional Guidance for Organic and Inorganic Data Review”.

General

1. Samples

The following table summarizes the samples for which this data validation is being conducted.

Samples HNP-	Lab ID ME1004137	Analysis	Date Collected
SD-01	01	PCB, TCLP Metal and VOC, Flashpoint, pH	4/13/2010
SD-02	02	PCB, TCLP Metal and VOC, Flashpoint, pH	4/13/2010
SD-03	03	PCB, TCLP Metal and VOC, Flashpoint, pH	4/13/2010
SD-04	04	PCB, TCLP Metal and VOC, Flashpoint, pH	4/13/2010
SD-04D	05	PCB, TCLP Metal and VOC, Flashpoint, pH	4/13/2010
SD-05	06	PCB, TCLP Metal and VOC, Flashpoint, pH	4/13/2010
SD-06	07	PCB, TCLP Metal and VOC, Flashpoint, pH	4/13/2010
SD-07	08	PCB, TCLP Metal and VOC, Flashpoint, pH	4/13/2010
LS-01	09	PCB, TCLP Metal and VOC, Flashpoint, pH	4/13/2010
LS-01D	10	PCB, TCLP Metal and VOC, Flashpoint, pH	4/13/2010
LS-02	11	PCB, TCLP Metal and VOC, Flashpoint, pH	4/13/2010
LS-03	12	PCB, TCLP Metal and VOC, Flashpoint, pH	4/13/2010
WS-02	13	PCB, TCLP Metal and VOC, Flashpoint, pH	4/13/2010
WS-02D	14	PCB, TCLP Metal and VOC, Flashpoint, pH	4/13/2010
WS-01	15	PCB, TCLP Metal and VOC, Flashpoint, pH	4/13/2010

2. Holding Times / Sample Receipt

All samples were received by the laboratory on 4/14/2010 in good condition.. All samples were extracted/analyzed within method required holding times. Samples were received intact and under custody.

pH

1. Method Duplicate

Three method duplicate was associated with the samples. All %RECs were acceptable. No qualifications are required.

2. Continuing Calibration Verification (CCV)

Two CCVs were provided for each method duplicate. All CCV recoveries were within acceptable control limits.

Flashpoint

1. Laboratory Control Sample (LCS)

One LCS was associated with the samples. The flashpoint %REC was within laboratory required control limits. No qualifications are required.

TCLP Metals

1. Blanks

Method blank MB100416-3 (associated with batch 81118) contained barium (0.013), cr (0.0066), se (0.0065) and ag (0.0042). Method blank MB100416-4 (associated with batch 81119) contained ba (0.0083), cr (0.0023), se (0.0089), and ag (0.0054). Method blank MB100419-5 (associated with batch 81140) contained ba (0.0018), cr (0.0006) and se (0.0062). All of these detects were below the practical quantitation limit (pql) or reporting limit. No qualifications are required.

Mercury method blank MB100416-7 contained hg at 0.0003063, below the PQL of 0.0010. Mercury method blank MB100420-7 was non-detect. No qualifications are required.

2. LCS Results

The LCS 100416-3, LCS 100416-4, and LCS 100419-5 had all recoveries were within the required 80 to 120% control limits.

The hg %rec were within the laboratory/method required control limits.

5. Matrix Spike/Matrix Spike Duplicate (MS/MSD)

Four MS/MSD were presented and all results were acceptable. One MS/MSD was associated with sample 01. However, the second, third and fourth MS/MSDs presented are batch QC and are from alternate sample groups. No qualifications are required.

MS/MSD were provided for the Hg samples but were batch QC from alternate sample groups. All recoveries were acceptable. No qualifications are required.

PCBs

1. Method Blank

Method blank bk-6-041610, bk-1-041910, and bk-4-042010 were free of contamination.

2. Surrogates

All surrogates (tetrachloro-m-xylene and decachlorobiphenyl) had recoveries within required control limits.

3. Laboratory Control Samples

LCS 6a-041610, 6b-041610, lcs-1b-041910, and lcs-4-042010 had surrogate recoveries all LCS recoveries within laboratory required control limits.

4. Matrix Spike

Matrix QC from an alternate sample group was provided. All MS/MSD recoveries were within required control limits. No qualifications are required.

TCLP VOC

1 Method Blank

Method blank 04/19, ZHEBLK 04/18 was free of contamination.

2 Surrogates

All surrogates (4-bromofluorobenzene, dibromofluoromethane, toluene-d8, and 1,2-dichloroethane-d4) had recoveries within required control limits.

3. Laboratory Control Samples

LCS 04/19 had surrogate recoveries all LCS recoveries within laboratory required control limits.

4. Matrix Spike

Matrix QC from an alternate sample group was provided. All MS/MSD recoveries were within required control limits. No qualifications are required.

Overall Assessment

Based on the quality control data presented and this validation review and the required qualifications, all of the results are acceptable for use.