



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

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DATE: August 12, 2013
TO: Bureau File
FROM: James M. Salch, Bureau of Land /OSE
Re: LPC# 0998290003--LaSalle County
Wedron / Hoxsey
LUST / Tech

At the request of the Illinois Environmental Protection Agency's (Illinois EPA's) Bureau of Land management, the Office of Site Evaluation (OSE) will conduct assessments at selected sites to determine if contaminants are present in soil and or groundwater at concentrations greater than Illinois EPA's Tier 1 Corrective Action Objectives; and to determine if contamination is migrating off of the subject property.

The Hoxsey property is a triangular shaped parcel located on the southwest corner of N3462nd Rd and E2153rd Rd in Wedron, IL in LaSalle County (See attached figures). The property occupies approximately 0.5 acres. The property is privately owned, but unoccupied at the present time. Three structures are present on the property and include two storage buildings and mobile home. Portions of the property have been used for the storage of boats and various other items.

The town of Wedron is a small unincorporated community consisting of approximately 50 residential properties. The subject property is located on the eastern side of Wedron with residential properties present to the north and west. The eastern side of the property is bounded by E2153rd Rd followed by an active railroad spur and an industrial sand mining company (Wedron Silica Company). The Fox River borders Wedron Silica to the east approximately 550 feet from the subject property. Wedron Silica (a.k.a. Fairmont Minerals and Technisand, Inc.) owns and operates property to the east, south and southwest of Wedron.

The Hoxsey property operated as a general store from the late 1920s to 1977 when a fire destroyed all of the buildings located on the property. Prior to 1977, retail operations included the sale of gasoline. Three Underground Storage Tanks (USTs) are reported to have been present on the Hoxsey property. The tanks consisted of one 500-gallon and one 1000-gallon gasoline tanks, and a third kerosene tank of undisclosed volume. Information regarding the installation and removal dates of the three USTs is unclear. A second set of gasoline USTs may have been installed in 1975. All of the USTs are reported to have been removed prior to 1986. Historical

information suggests that the USTs and associated pump island were located on the eastern side of the property at the edge of E2153rd Rd.

Investigative activities performed by the Illinois Environmental Protection Agency (Illinois EPA) and the United States Environmental Protection Agency (U.S. EPA) in July 2012 revealed petroleum contamination in subsurface soils in a boring located adjacent to the Hoxsey property. A subsequent geophysical investigation performed by the U.S. EPA on the Hoxsey property identified at least two anomalies suspected to be USTs. Based on this information, a release incident was reported to the Illinois Emergency Management Agency (IEMA) and Incident No. H2012-0831 was issued for the Hoxsey property. At the request of the U.S. EPA, Civil and Environmental Consultants, Inc. performed an investigation for the property owner in November 2012 to determine if USTs were still present on the Hoxsey property. No USTs were unearthed; however, metal fill of ventilation piping was discovered during the investigation in the vicinity of the contaminated boring location.

The potable water supply for residents of Wedron is supplied by private water supply wells. In April 1982, three private wells sampled by the Illinois EPA were found to contain volatile organic compounds (VOCs) commonly associated with gasoline. By November 1983, eight private wells were identified that contained the gasoline related contaminants benzene, ethylbenzene, toluene and xylenes (BTEX). In December 1984, two alternate water supply wells were installed into a deeper aquifer to supply affected residents with clean water. The source of the groundwater contamination was not identified.

In 2009, two additional residential wells in Wedron were found to contain benzene at concentrations exceeding the federal Maximum Contaminant Level (MCL). In 2012, U.S. EPA sampled approximately 50 private wells in and near Wedron to identify private wells containing BTEX. Eight wells were found to contain BTEX at or near MCLs. U.S. EPA has provided affected residents with bottled water since December 2011, and installed whole house filters in the nine homes in February 2013. U.S. EPA plans to install eight new water supply wells for the affected residents by the fall of 2013.

The Hoxsey property was identified as a potential source of the Wedron groundwater contamination based on the historical presence of gasoline USTs. In March 2013, Illinois EPA's OSE prepared a work plan to conduct a site assessment of the Hoxsey property. Following receipt of an access agreement with the property owner, the OSE completed the site assessment in May 2013. The site assessment included the completion of twelve soil borings using the Illinois EPA Geoprobe® on and near the subject property (Figure-2). Twenty analytical soil samples and six analytical groundwater samples were collected from the twelve soil boring locations. Analytical samples were delivered to Illinois EPA's Division of Laboratories in Springfield, IL on May 23, 2013 for analysis. Soil boring locations were recorded using Global Positioning System (GPS) technology following completion. All field activities were performed in accordance with Illinois EPA Bureau of Land Standard Operation Procedures (SOPs).

An employee of Civil & Environmental Consultants, Inc. was present onsite to represent the property owner and to collect analytical soil samples for separate analysis.

Soil borings GP-101 thru GP-111 were continuously cored at four foot intervals to a depth of refusal or until bedrock was encountered (approximately 24ft). Location GP-112 was used solely for the collection of a groundwater sample. Soil cores were characterized by an Illinois EPA geologist and field analyzed using a Photo Ionization Detector (PID) for the presence of VOCs. Attachment-A contains the boring logs for GP-101 thru GP-111. Soil cores exhibiting petroleum odors and or PID response were containerized in a 55-gallon drum for offsite disposal. Sampling equipment was decontaminated between borings using a solution of liquinox and water followed by a deionized water rinse. Decontamination water was containerized and placed in 55-gallon drums for offsite disposal.

One to three soil samples were collected from the majority of the soil borings based on the discretion of the Illinois EPA project manager. Table-1 contains a list of soil samples collected during the investigation. Soil samples were collected primarily from intervals exhibiting elevated PID response and petroleum odors. Total metals samples X-106B and X-107C were collected from intervals which appeared to be uncontaminated to represent background conditions. Soil samples were collected directly from soil cores and placed into sample containers provided by Illinois EPA's Division of Laboratories. Laboratory analysis of soil samples included VOCs, Semi-Volatile Organic Compounds (SVOCs), total metals, and pH. A select number of samples were collected for Synthetic Precipitation Leaching Procedure (SPLP) metals to assess metal constituents ability to be dissolved from the soil (Table-1).

Six shallow groundwater samples were collected during the May 2013 investigation (Table-1). Groundwater samples were collected from saturated unconsolidated material above the St. Peter Sandstone at depths between 16 and 22 feet. The presence of shallow groundwater above the St. Peter Sandstone appears to be seasonal based on its absence in a July 2012 investigation conducted in Wedron. Discrete groundwater samples were collected using Geoprobe's Screen Point 16 (SP16) groundwater sampler. The SP16 groundwater sampler consists of a 4-foot stainless steel wire wrapped screen and protective sheath. The SP-16 sampler is advanced to the desired sampling interval and then is retracted four feet to expose the screen. Groundwater samples are then collected using tubing and a peristaltic pump. Groundwater samples were laboratory analyzed for VOCs, SVOCs, and total metals. A duplicate sample (G-153), field blank, and rinsate blank (G-154) were also collected for laboratory analysis. Purge water generated during groundwater sampling activities was placed in a 55-gallon drum for offsite disposal.

Laboratory analytical results and Chain of Custody (COC) documentation for samples collected during the site assessment are provided in Attachment-D. Photographs documenting sample collection are provided in Attachment-B. Soil and groundwater sample analytical results were compared to Tier 1 corrective action objectives (CAOs) set forth by 35 IL Adm. Code Part 742, Tiered Approach to Corrective Action Objectives

(TACO). Tables-2 & 3 Contain compounds detected in soil and groundwater samples and identify those sample concentrations found to exceed TACO Tier 1 CAOs.

Benzene, ethylbenzene, toluene, and total xylenes were found to exceed Tier 1 CAOs in soil samples collected during the site assessment. Exposure pathways exceeded were the soil component of the groundwater ingestion pathway (migration to groundwater pathway), the residential inhalation pathway, and the construction worker inhalation pathway. Two of the five locations (GP-108 & GP-109) with exceedances are located offsite to the east of the subject property.

Benzene, ethylbenzene, toluene, total xylenes, naphthalene, 2-methylnaphthalene, iron and lead were found to exceed the Class I groundwater remediation objectives in groundwater samples collected during the site assessment. Three of the five groundwater sample locations (GP-108, GP-109 & GP-111) with Class I groundwater exceedances occur at offsite locations (Table-2). Benzene, ethylbenzene, and naphthalene concentrations were found to exceed groundwater remediation objectives for the indoor inhalation exposure pathway (Table-3). A slight visible sheen was noted on groundwater collected from GP-108, GP-109 & GP110.

Soil and groundwater samples from boring location GP-110 contained the highest contaminant concentrations respectively. Boring location GP-110 was located at the eastern edge of the Hoxsey property near the presumed location of the former pump island and USTs. Due to historical modifications of E2153rd Rd right-of-way and the Hoxsey property, the exact location of the former tanks and pump island could not be established.

It should be noted that on April 29, 2013, a 550 gallon UST was removed from IL Railway property slightly east/northeast of the subject property across E2153rd Rd. Conditions noted during tank removal indicated evidence of a release. An Illinois Emergency Management Agency Number (IEMA # 20130463) was assigned to the site. Historical Sanborn Fire Insurance Maps (1925 & 1949) also indicated the presence of a gasoline tank located adjacent to the Hoxsey property in what is currently E2153rd Rd (Attachment-C). Geophysical studies conducted by the United States Environmental Protection Agency (U.S. EPA) in May 2013 did not reveal any evidence of USTs under E2153rd Rd.

ATTACHMENTS

Figure – 1.....Site Location Map
Figure – 2.....Soil Boring Location Map

Table – 1.....Sample Summary Table
Table – 2.....Analytical Data Table
Table – 3.....Vapor Intrusion Analytical Data Table

Attachment – A.....Soil Boring Logs
Attachment – B.....Sample Documentation Photos
Attachment – C.....Sanborn Fire Insurance Maps
Attachment – D.....Analytical Data Package

Figure -1
Site Location Map
Hoxsey Property

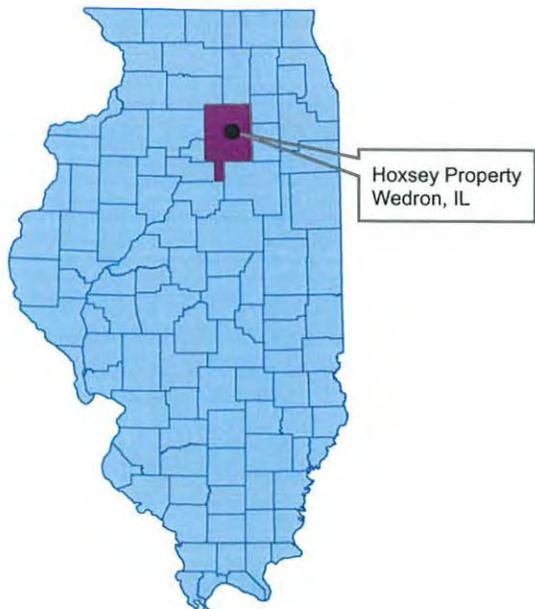
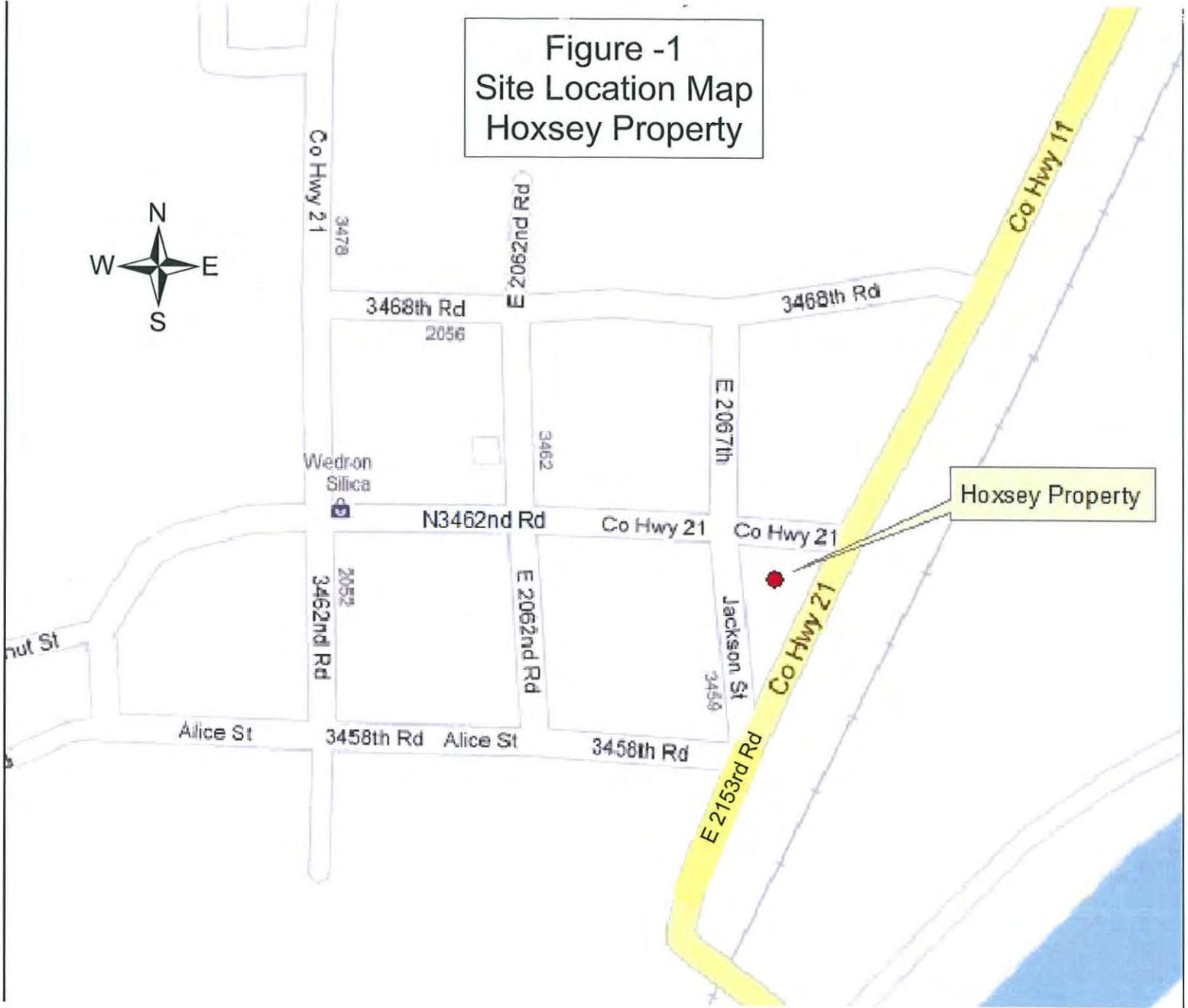
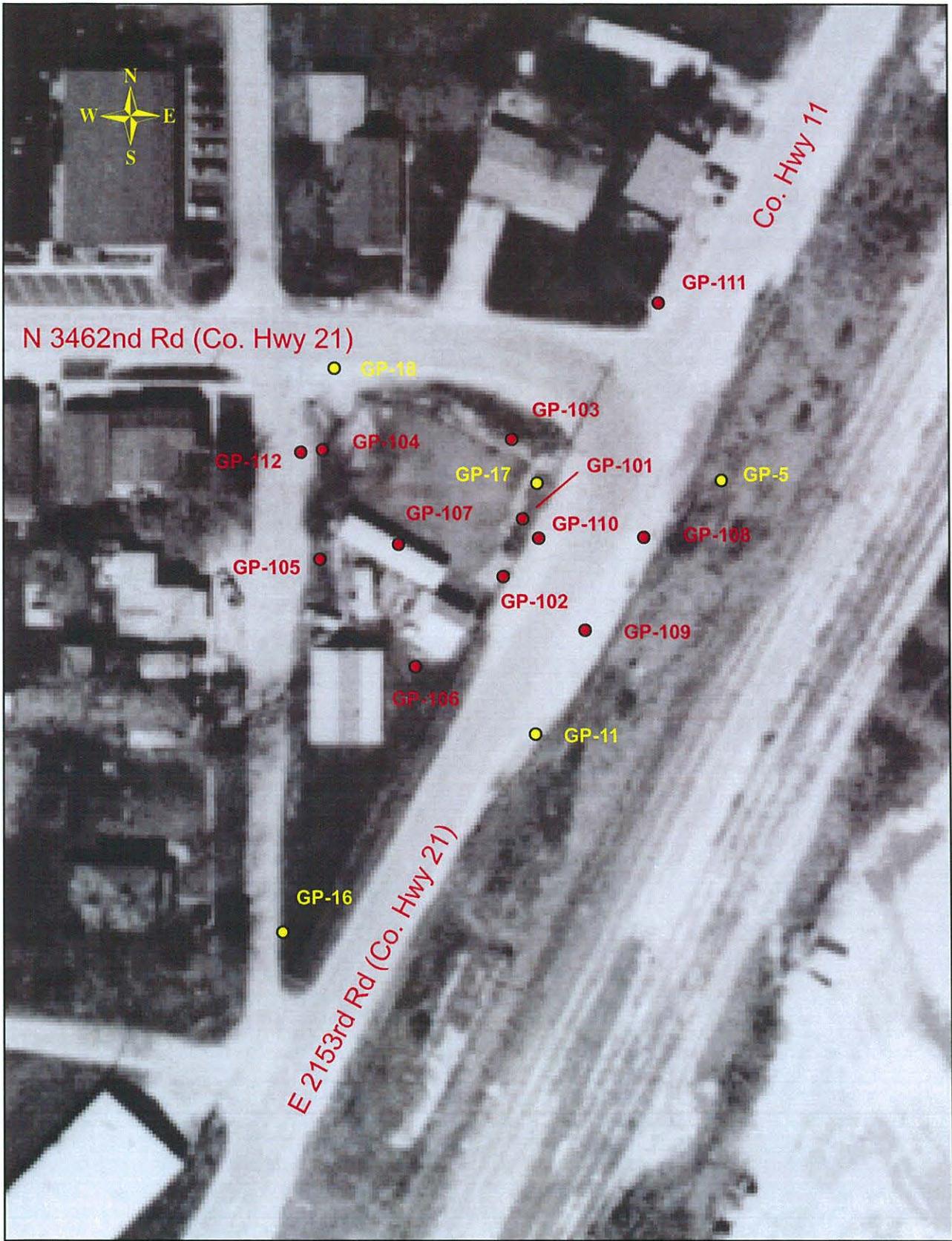


FIGURE - 2
Soil Boring Location Map
Hoxsey Property - Wedron, IL



0 25 50 100 Feet

- July 2012 Boring Location
- May 2013 Boring Location

TABLE - 1
SAMPLE SUMMARY TABLE
HOXSEY PROPERTY
May 2013

Sample Location	Date / Time	Depth	Analyses	Description	Rational
X-101A	5-20-13 / 14:50	11 - 12 ft	VOC / SVOC / TM / pH	Dark gray fine sand.	Elevated PID response, dark gray color.
X-101B	5-20-13 / 14:20	21 - 22 ft	VOC / SVOC / TM / pH	Brown and gray fine to coarse sand, trace of gravel.	Elevated PID response, strong petroleum odor.
X-103A	5-21-13 / 09:05	11.5 - 12.5 ft	VOC / SVOC / TM / pH	Black fine sand.	Elevated PID response, discoloration, strong petroleum odor.
X-103B	5-21-13 / 09:50	20 - 21 ft	VOC / SVOC / TM / pH / SPLP Lead	Gray fine to medium sand.	Elevated PID response, strong petroleum odor.
X-104A	5-21-13 / 11:45	12.5 - 13 ft	VOC / SVOC / TM / pH	Brown fine to medium sand.	First zone exhibiting elevated PID response.
X-105	5-21-13 / 13:45	18.5 - 19.5 ft	VOC / SVOC / TM / pH	Gray fine to coarse sand, trace of gravel.	Elevated PID response, petroleum odor.
X-106A	5-21-13 / 15:10	18 - 19 ft	VOC / SVOC / TM / pH	Gray fine to coarse sand with gravel.	Interval with highest PID response, strong petroleum odor.
X-106B	5-21-13 / 15:35	8 - 9 ft	TM / pH	Brown fine to coarse sand.	Uncontaminated material / Background
X-107A	5-21-13 / 16:30	13 - 14 ft	VOC / SVOC / TM / pH	Gray and brown fine to coarse sand and gravel.	Elevated PID response, petroleum odor.
X-107B	5-21-13 / 17:00	20 - 21 ft	VOC / SVOC / TM / pH	Dark gray fine to medium sand.	Interval with highest PID response, strong petroleum odor.
X-107C	5-21-13 / 17:10	8.5 - 9 ft	TM / pH	Brown fine to medium sand.	Uncontaminated material / Background
X-108A	5-22-13 / 09:30	10 - 11.5 ft	VOC / SVOC / TM / pH	Gray and brown silty clay.	First zone exhibiting elevated PID response.
X-158A/Dup of 108A	5-22-13 / 09:30	10 - 11.5 ft	VOC / SVOC / TM / pH	Gray and brown silty clay.	Duplicate of X-108A
X-108B	5-22-13 / 10:05	19 - 20 ft	VOC / SVOC / TM / pH	Brown fine to coarse sand and fine gravel.	Interval with highest PID response, strong petroleum odor.
X-109	5-22-13 / 12:15	19 - 20 ft	VOC / SVOC / TM / pH / SPLP Lead	Gray/dark gray fine to medium sand.	Interval with highest PID response, strong petroleum odor.
X-110A	5-22-13 / 15:05	1.5 - 2.5 ft	VOC / SVOC / TM / pH	Brown and black mix of sand, cinders and gravel.	Elevated PID response near surface.
X-110B	5-22-13 / 15:20	14 - 15 ft	VOC / SVOC / TM / pH / SPLP Lead	Gray fine sand, trace of gravel.	High PID response, strong petroleum odor.
X-110C	5-22-13 / 15:35	19 - 20 ft	VOC / SVOC / TM / pH	Brown fine to coarse sand and gravel.	High PID response, strong petroleum odor.
X-111A	5-22-13 / 17:50	14.5 - 15.5 ft	VOC / SVOC / TM / pH	Mottled brown fine to coarse sand and gravel.	Elevated PID response, petroleum odor.
X-111B	5-22-13 / 17:55	21 - 22 ft	VOC / SVOC / TM / pH	Gray fine fine to coarse sand and gravel.	Elevated PID response, zone most highly impacted on site.
G-103	5-21-13 / 11:50	18 - 22 ft	VOC / SVOC / TM	Groundwater	Evaluate first water bearing zone.
G-153/Dup of 103	5-21-13 / 11:50	18 - 22 ft	VOC / SVOC / TM	Groundwater	Duplicate Sample
G-108 & MS/MSD	5-22-13 / 11:25	16 - 20 ft	VOC / SVOC / TM	Groundwater	Evaluate first water bearing zone.
G-109	5-22-13 / 14:30	16 - 20 ft	VOC / SVOC / TM	Groundwater	Evaluate first water bearing zone.
G-110	5-22-13 / 16:50	17 - 21 ft	VOC / SVOC / TM	Groundwater	Evaluate first water bearing zone.
G-111	5-23-13 / 10:10	16 - 20 ft	VOC / SVOC / TM	Groundwater	Evaluate first water bearing zone.
G-112	5-23-13 / 10:50	16 - 20 ft	VOC / SVOC / TM	Groundwater	Evaluate first water bearing zone.
G-154 Rinsate Blank	5-22-13 / 08:30	NA	VOC / SVOC / TM	DI water	QA/QC

TM - Total Metals

VOC - Volatile Organic Compounds

SVOC - Semi Volatile Organic Compounds

SPLP Lead - Synthetic Precipitation Leaching Procedure for lead

TABLE - 2
ANALYTICAL DATA TABLE
WEDRON / HOXSEY
May 2013 Samples

CHEMICAL NAME	SOIL CORRECTIVE ACTION OBJECTIVES (mg/kg or mg/L)								GROUNDWATER INGESTION STANDARD (mg/L)		X-101A	X-101A	X-101B	X-101B	X-103A	X-103B	X-104A	X-104A	X-105	X-106A	X-106A	X-106B	X-107A	X-107B	X-107C		
	RESIDENTIAL		INDUSTRIAL COMMERCIAL		CONSTRUCTION WORKER		MIGRATION TO GROUNDWATER (mg/L)		Class I	Class II	5/20/2013 14:50 11'-12' pH 7.1 Q	Methanol	5/20/2013 14:20 21'-22' pH 7.6 Q	Methanol	5/21/2013 9:05 11.5'-12.5' pH 7.8 Q	5/21/2013 9:50 20'-21' pH 8.0 Q	5/21/2013 11:45 12.5'-13' pH 8.1 Q	Methanol	5/21/2013 13:45 18.5'-19.5' pH 7.8 Q	5/21/2013 15:10 18'-19' pH 7.9 Q	Methanol	5/21/2013 15:35 8'-9' pH 7.6 Q	5/21/2013 16:30 13'-14' pH 8.1 Q	5/21/2013 17:00 20'-21' pH 8.1 Q	5/21/2013 17:10 8.5'-9' pH 7.9 Q		
	Ingestion	Inhalation	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II																			
Inorganics - mg/kg or mg/L																											
Aluminum	78000	1000000	1000000	1000000	200000	870000	3.5	5	3.5	5	15000 J3																
Arsenic	---	750	---	1200	61	25000	0.05	0.2	0.05	0.2																	
Barium	5500	690000	140000	910000	14000	870000	2	2	2	2	54 J3																
Beryllium	160	1300	4100	2100	410	44000	0.004	0.5	0.004	0.5	0.45																
Boron	16000	---	410000	---	41000	---	2	2	2	2	24.4 B2,J3																
Cadmium	78	1800	2000	2800	200	59000	0.005	0.05	0.005	0.05	6.25 B2,J3																
Calcium	---	---	---	---	---	---	---	---	---	---	43100 J3																
Chromium	230	270	6100	420	4100	690	0.1	1	0.1	1	19.6 J3																
Cobalt	4700	---	120000	---	12000	---	1	1	1	1	7.47																
Copper	2900	---	82000	---	8200	---	0.65	0.65	0.65	0.65	16.5 B1,J3																
Iron	---	---	---	---	---	---	5	5	5	5	20400 J3,J6																
Lead	400	---	800	---	700	---	0.0075	0.1	0.0075	0.1	36.7 B1,J3																
Magnesium	325000	---	---	---	730000	---	---	---	---	---	24000 J3																
Manganese	1600	69000	41000	91000	4100	87000	0.15	10	0.15	10	345																
Nickel	1600	13000	41000	21000	4100	444000	0.1	2	0.1	2	19.3 J3																
Potassium	---	---	---	---	---	---	---	---	---	---	3720 J3																
Sodium	---	---	---	---	---	---	---	---	---	---																	
Strontium	47000	---	1000000	---	410000	---	4.2	---	4.2	---	29.3 J3																
Vanadium	550	---	14000	---	1400	---	0.049	0.1	0.049	0.1	26.9 B1,J3																
Zinc	23000	---	610000	---	61000	---	5	10	5	10	48.8 B2,J3																
Hardness	---	---	---	---	---	---	---	---	---	---																	
SPLP Lead							0.0075	0.1																			
Volatiles Organics - mg/kg or mg/L																											
Acetone	70000	100000	---	100000	---	100000	25	25	6.3	6.3																	
Benzene	12	0.8	100	1.6	2300	2.2	0.03	0.17	0.005	0.025																	
Carbon Disulfide	7800	720	200000	720	20000	9	32	180	0.7	3.5																	
Ethylbenzene	7800	400	200000	400	20000	58	13	19	0.7	1	0.0041																
Isopropylbenzene (Cumene)	7800	500	200000	800	82000	52	91	400	0.7	3.5	0.17 J1,J2,L	0.49	0.2 L	5.9	0.041 J2,J1	22	0.19 L	ND	0.0041	0.16 L	1	0.01	0.009 J2				
Toluene	16000	650	410000	650	410000	42	12	29	1	2.5	0.17 J1,J2,L	0.63	0.17	0.09 J1,J2	2.5	0.082	0.082			0.16 L	1.1	0.0033	0.026 J2,J3				
Xylenes, Total	16000	320	410000	320	41000	5.6	150	150	10	10	0.022 J1,J2		0.063	18 *	0.054 J1,J2	76 *	0.011	ND	0.0093	0.013		0.0073					
											0.28 J1,J2		0.61 L				0.58 L		0.0098	0.48 L	2.2	0.039	0.017 J2				
Semi-Volatiles - mg/kg or mg/L																											
Acetophenone																											
Di-n-butyl phthalate	7800	2300	200000	2300	200000	2300	2300	2300	0.7	3.5																	
Dibenzofuran	310	---	8200	---	820	---	15	76	0.028	0.14																	
2,4-Dimethylphenol	1600	---	41000	---	41000	---	9	9	0.14	0.14																	
Fluorene	3100	---	82000	---	82000	---	560	2800	0.28	1.4																	
2-Methylnaphthalene	310	---	8200	---	820	---	7.7	39	0.028	0.14																	
4-Methylphenol	390	---	10000	---	1000	---	0.2	0.2	0.35	0.35																	
Naphthalene	1600	170	41000	270	4100	1.8	12	18	0.14	0.22																	
Phenanthrene	2300	---	61000	---	61000	---	220	1100	0.21	1.05																	
Phenol	47000	---	610000	---	61000	---	100	100	0.1	0.1																	
Pyrene	2300	---	61000	---	61000	---	4200	21000	0.21	1.05																	

1 - Analytical samples exceeded laboratory holding times for VOCs

Shaded > Class I migration to ground water RO.
Circled > Residential Tier I RO
Circled Water > Class I groundwater objective
Bold > Ind/Com Tier I RO
Asterisk > Construction worker RO.
Bold Groundwater > Class II Groundwater Obj.

Qualifiers

Q - Maximum holding time exceeded.
M - Presence of material verified. Value is estimated.
L - Actual value not known, but known to be greater than value shown.
Value shown is the highest acceptable level for quantitation.
J6 - Blank spike failed high - possible high bias of false positive result
J3 - The reported value failed to meet the established quality control criteria for either precision or accuracy possibly due to matrix effects.
J2 - Internal Standard criteria not met.
J1 - Surrogate compound recovery limits have not been met.
B2 - The sample matrix caused possible effects on measurement.
The result may be biased high.
B1 - The sample matrix caused possible effects on measurement.
The results may be biased low.

TABLE - 2
ANALYTICAL DATA TABLE
WEDRON / HOXSEY
May 2013 Samples

CHEMICAL NAME	SOIL CORRECTIVE ACTION OBJECTIVES (mg/kg or mg/L)								GROUNDWATER INGESTION STANDARD (mg/L)		X-108A	X-158A	X-108B	X-108B ¹	X-109 ¹	X-110A ¹	X-110B ¹	X-110C ¹	X-111A ¹	X-111B ¹	X-111B ¹	G-103	G-153	G-108	G-109	G-110	
	RESIDENTIAL		INDUSTRIAL COMMERCIAL		CONSTRUCTION WORKER		MIGRATION TO GROUNDWATER (mg/L)		Class I	Class II	5/22/2013	5/22/2013	5/22/2013		5/22/2013	5/22/2013	5/22/2013	5/22/2013	5/22/2013	5/22/2013	5/21/2013	5/21/2013	5/22/2013	5/22/2013	5/22/2013		
	Ingestion	Inhalation	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II			9:30	9:30	10:05		12:15	15:05	15:20	15:35	17:50	17:55			11:50	11:50	11:25	14:30	16:50
Inorganics - mg/kg or mg/L																											
Aluminum	78000	1000000	1000000	1000000	200000	870000	3.5	5	3.5	5	16900	7320	2740		1400	5730	6500	2300	14600	5030							
Arsenic	---	750	---	1200	61	25000	0.05	0.2	0.05	0.2																	
Barium	5500	690000	140000	910000	14000	870000	2	2	2	2	68	29.4	11.3		9.14	77.7	65.3	8.49	48	25.4							
Beryllium	160	1300	4100	2100	410	44000	0.004	0.5	0.004	0.5	0.49	0.15															
Boron	16000	---	410000	---	41000	---	2	2	2	2	26.4 B2	13.1 B2	8.4 B2														
Cadmium	78	1800	2000	2800	200	59000	0.005	0.05	0.005	0.05	6.78 B2	3.46 B2	2.85 B2		1.33 B2	8.93 B2	2.16 B2	2.35 B2	4.38 B2	3.73 B2							
Calcium	---	---	---	---	---	---	---	---	---	---	51900	53200	59900		39700	49200	31400	59000	40400	84500							
Chromium	230	270	6100	420	4100	690	0.1	1	0.1	1	22.8	11.3	4.63		3.32	14.9	9.03	4.92	20.2	7.22							
Cobalt	4700	---	120000	---	12000	---	1	1	1	1	9.63	4.83	2.9		2.13	8.69	2.65	1.67	8.04	4.2							
Copper	2900	---	82000	---	8200	---	0.65	0.65	0.65	0.65	22.5 B1	14.6 B1	7.74 B1		4.05 B1	44 B1	10.4 B1	4.82 B1	17 B1	10.6 B1							
Iron	---	---	---	---	---	---	5	5	5	5	21400 J6	11300J6	8450 J6		3370 J6	25800 J6	7230 J6	7300 J6	14400 J6	11400 J6							
Lead	400	---	800	---	700	---	0.0075	0.1	0.0075	0.1	9.74 B1	10.6 B1	8.15 B1		6.62 B1	156 B1	10.9 B1	5.34 B1	6.12 B1	2.53 B1							
Magnesium	325000	---	---	---	730000	---	---	---	---	---	28200	28500	34100		15800	25400	16000	31400	21600	46400							
Manganese	1600	69000	41000	91000	4100	8700	0.15	10	0.15	10	550	314	271		363	370	133	176	278	360							
Nickel	1600	13000	41000	21000	4100	444000	0.1	2	0.1	2	34.9	14.3	6.78		5.35	25	7.59	4.09	22.2	9.59							
Potassium	---	---	---	---	---	---	---	---	---	---	4070	1700	646		390	918	1730	676	3780	1370							
Sodium	---	---	---	---	---	---	---	---	---	---	271					296			269	283							
Strontium	47000	---	1000000	---	410000	---	4.2	---	4.2	---	36.1	27	26.3		19.2	32.8	18.3	26	31.3	36.8							
Vanadium	550	---	14000	---	1400	---	0.049	0.1	0.049	0.1	36.8 B1	24.7 B1	7.29 B1		5.38 B1	17.3 B1	13.2 B1	15.2 B1	24.4 B1	13.9 B1							
Zinc	23000	---	610000	---	61000	---	5	10	5	10	58.3 B2	30.7 B2	23.1 B2		18.2 B2	179 B2	29 B2	22.8 B2	44.3 B2	38.7 B2							
Hardness	---	---	---	---	---	---	---	---	---	---																	
SPLP Lead							0.0075	0.1							0.00001		0.00001										
Volatiles Organics - mg/kg or mg/L																											
Acetone	70000	100000	---	100000	---	100000	25	25	6.3	6.3																	
Benzene	12	0.8	100	1.6	2300	2.2	0.03	0.17	0.005	0.025																	
Carbon Disulfide	7800	720	200000	720	20000	9	32	160	0.7	3.5																	
Ethylbenzene	7800	400	200000	400	20000	58	13	19	0.7	1	0.037	0.3	0.17 J7,L	37	6.8 Q	69 * Q	39 Q	69 * Q									
Isopropylbenzene (Cumene)	7800	500	200000	800	82000	52	91	400	0.7	3.5	0.04	0.23	0.17 L	5.7	0.42 Q	16 Q	4.2 Q	6.5 Q									
Toluene	16000	650	410000	650	410000	42	12	29	1	2.5	0.0046		0.17 J7,L	0.54 Q	0.9 Q	3.5 Q		12 Q									
Xylenes, Total	16000	320	410000	320	41000	5.6	150	150	10	10	0.02	0.29	0.52 L	97 *	30 * Q	310 * Q	130 * Q	350 * Q									
Semi-Volatiles - mg/kg or mg/L																											
Acetophenone																											
Di-n-butyl phthalate	7800	2300	200000	2300	200000	2300	2300	2300	0.7	3.5																	
Dibenzofuran	310	---	8200	---	820	---	15	76	0.028	0.14																	
2,4-Dimethylphenol	1600	---	41000	---	41000	---	9	9	0.14	0.14																	
Fluorene	3100	---	82000	---	82000	---	560	2800	0.28	1.4																	
2-Methylnaphthalene	310	---	8200	---	820	---	7.7	39	0.028	0.14	0.24	1.3	4.1														
4-Methylphenol	390	---	10000	---	1000	---	0.2	0.2	0.35	0.35																	
Naphthalene	1600	170	41000	270	4100	1.8	12	18	0.14	0.22	0.21	0.3	2.1														
Phenanthrene	2300	---	61000	---	61000	---	220	1100	0.21	1.05																	
Phenol	47000	---	610000	---	61000	---	100	100	0.1	0.1																	
Pyrene	2300	---	61000	---	61000	---	4200	21000	0.21	1.05																	

¹ - Analytical samples exceeded laboratory holding times for VOCs

Qualifiers

Shaded > Class I migration to ground water RO.
Circled > Residential Tier I RO
Circled Water > Class I groundwater objective
Bold > Ind/Com Tier I RO
Asterisk > Construction worker RO.
Bold Groundwater > Class II Groundwater Obj.

Q - Maximum holding time exceeded.
M - Presence of material verified. Value is estimated.
L - Actual value not known, but known to be greater than value shown.
Value shown is the highest acceptable level for quantitation.
J6 - Blank spike failed high - possible high bias of false positive result
J3 - The reported value failed to meet the established quality control criteria for either precision or accuracy possibly due to matrix effects.
J2 - Internal Standard criteria not met.
J1 - Surrogate compound recovery limits have not been met.
B2 - The sample matrix caused possible effects on measurement.
The result may be biased high.
B1 - The sample matrix caused possible effects on measurement.
The results may be biased low.

TABLE - 2
ANALYTICAL DATA TABLE
WEDRON / HOXSEY
May 2013 Samples

CHEMICAL NAME	SOIL CORRECTIVE ACTION OBJECTIVES (mg/kg or mg/L)								GROUNDWATER INGESTION STANDARD (mg/L)		G-111	G-112	G-154	Trip Blank	Field Blank
	RESIDENTIAL		INDUSTRIAL COMMERCIAL		CONSTRUCTION WORKER		MIGRATION TO GROUNDWATER (mg/L)		Class I	Class II	5/23/2013	5/23/2013	5/22/2013	5/21/2013	5/21/2013
	Ingestion	Inhalation	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II			10:10	10:50	8:30	12:00	12:50
Inorganics - mg/kg or mg/L															
Aluminum	78000	1000000	1000000	1000000	200000	870000	3.5	5	3.5	5	0.536	0.0926			
Arsenic	---	750	---	1200	61	25000	0.05	0.2	0.05	0.2					
Barium	5500	690000	140000	910000	14000	870000	2	2	2	2	0.153	0.104			
Beryllium	160	1300	4100	2100	410	44000	0.004	0.5	0.004	0.5					
Boron	16000	---	41000	---	41000	---	2	2	2	2	0.293 V	0.21 B1,V			
Cadmium	78	1800	2000	2800	200	59000	0.005	0.05	0.005	0.05					
Calcium	---	---	---	---	---	---	---	---	---	---	62.2	122			
Chromium	230	270	6100	420	4100	690	0.1	1	0.1	1					
Cobalt	4700	---	120000	---	12000	---	1	1	1	1					
Copper	2900	---	82000	---	8200	---	0.65	0.65	0.65	0.65	0.0139				
Iron	---	---	---	---	---	---	5	5	5	5	8.38	0.381			
Lead	400	---	800	---	700	---	0.0075	0.1	0.0075	0.1	0.0106 V				
Magnesium	325000	---	---	---	730000	---	---	---	---	---	42.1	50.9			
Manganese	1600	69000	41000	91000	4100	8700	0.15	10	0.15	10	0.0964	0.0281			
Nickel	1600	13000	41000	21000	4100	444000	0.1	2	0.1	2	0.0149				
Potassium	---	---	---	---	---	---	---	---	---	---	1.91	1.59			
Sodium	---	---	---	---	---	---	---	---	---	---	158	151			
Strontium	47000	---	1000000	---	410000	---	4.2	---	4.2	---	0.115	0.16			
Vanadium	550	---	14000	---	1400	---	0.049	0.1	0.049	0.1					
Zinc	23000	---	610000	---	61000	---	5	10	5	10					
Hardness	---	---	---	---	---	---	---	---	---	---	329	515			
SPLP Lead							0.0075	0.1							
Volatiles Organics - mg/kg or mg/L															
Acetone	70000	100000	---	100000	---	100000	25	25	6.3	6.3					
Benzene	12	0.8	100	1.6	2300	2.2	0.03	0.17	0.005	0.025					
Carbon Disulfide	7800	720	200000	720	20000	9	32	160	0.7	3.5					
Ethylbenzene	7800	400	200000	400	20000	58	13	19	0.7	1	0.082				
Isopropylbenzene (Cumene)	7800	500	200000	800	82000	52	91	400	0.7	3.5	0.012				
Toluene	16000	650	410000	650	410000	42	12	29	1	2.5	0.018				
Xylenes, Total	16000	320	410000	320	41000	5.6	150	150	10	10	0.4	0.0038	0.0045		
Semi-Volatiles - mg/kg or mg/L															
Acetophenone															
Di-n-butyl phthalate	7800	2300	200000	2300	200000	2300	2300	2300	0.7	3.5					
Dibenzofuran	310	---	8200	---	820	---	15	76	0.028	0.14					
2,4-Dimethylphenol	1600	---	41000	---	41000	---	9	9	0.14	0.14					
Fluorene	3100	---	82000	---	82000	---	560	2800	0.28	1.4					
2-Methylnaphthalene	310	---	8200	---	820	---	7.7	39	0.028	0.14	0.0025				
4-Methylphenol	390	---	10000	---	1000	---	0.2	0.2	0.35	0.35					
Naphthalene	1600	170	41000	270	4100	1.8	12	18	0.14	0.22	0.0028				
Phenanthrene	2300	---	61000	---	61000	---	220	1100	0.21	1.05					
Phenol	47000	---	610000	---	61000	---	100	100	0.1	0.1					
Pyrene	2300	---	61000	---	61000	---	4200	21000	0.21	1.05					

¹ - Analytical samples exceeded laboratory holding times for VOCs

Shaded > Class I migration to ground water RO.
Circled > Residential Tier I RO
Circled Water > Class I groundwater objective
Bold > Ind/Com Tier I RO
Asterisk > Construction worker RO.
Bold Groundwater > Class II Groundwater Obj.

Qualifiers

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M - Presence of material verified. Value is estimated.
L - Actual value not known, but known to be greater than value shown.
Value shown is the highest acceptable level for quantitation.
J6 - Blank spike failed high - possible high bias of false positive result
J3 - The reported value failed to meet the established quality control criteria for either precision or accuracy possibly due to matrix effects.
J2 - Internal Standard criteria not met.
J1 - Surrogate compound recovery limits have not been met.
B2 - The sample matrix caused possible effects on measurement.
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B1 - The sample matrix caused possible effects on measurement.
The results may be biased low.

TABLE - 3
VAPOR INTRUSION ANALYTICAL DATA TABLE
HOXSEY PROPERTY
May 2013

CHEMICAL NAME	GROUNDWATER REMEDIATION OBJECTIVES INDOOR INHALATION EXPOSURE PATHWAY				G-103	G-153	G-108	G-109	G-110	G-111	G-112	G-154 Rinsate Blank	Trip Blank	Field Blank
	TABLE - H Diffusion & Advection		TABLE - I Diffusion		5/21/2013	5/21/2013	5/22/2013	5/22/2013	5/22/2013	5/23/2013	5/23/2013	5/22/2013	5/21/2013	5/21/2013
	RESIDENTIAL	INDUSTRIAL COMMERCIAL	RESIDENTIAL	INDUSTRIAL COMMERCIAL	11:50 18'-22'	11:50 18'-22'	11:25 16'-20'	14:30 16'-20'	16:50 17'-21'	10:10 16'-20'	10:50 16'-20'	8:30	12:00	12:50
Volatiles Organics - mg/kg or mg/L														
Acetone	1,000,000	1,000,000	1,000,000	1,000,000					0.066			ND		ND
Benzene	0.11	0.41	0.41	2.6	0.02	0.024	0.022	0.13	0.2			ND		ND
Carbon Disulfide	67	210	170	820								ND		ND
Ethylbenzene	0.37	1.4	1.3	8.1	1.3 *	1.4 *	0.99	2.9 *	3.4 *	0.082		ND		ND
Isopropylbenzene (Cumene)	2.7	8.4	6.2	30	0.1	0.12	0.1	0.13	0.096	0.012		ND		ND
Toluene	530	530	530	530	0.06	0.073	0.064	0.35	2.2	0.018		ND		ND
Xylenes, Total	30	93	96	110	4.3	4.5	1.9	9	20	0.4	0.0038	ND	0.0045	ND
2-Methylnaphthalene	25	25	25	25	0.019	0.016	0.029	0.032	0.046	0.0025		ND		ND
Naphthalene	0.075	0.32	1.8	13	0.057	0.048	0.057	0.16	0.16	0.0028		ND		ND
Phenol	28,000	83,000	83,000	83,000					0.0055			ND		ND

Circled > Table - H Residential RO
 Bold > Table - H Ind/Com RO
 Asterisk > Table - I Residential RO.
 ND - Non-detected

ATTACHMENT - A

Soil Boring Logs

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY FIELD BORING LOG

IEPA File No.: LPC# 0998290003 Fed. ID No.: _____ County: LaSalle County

Site File Name: Hoxsey Boring / Well No.: GP-101

GPS Coordinates: **Northing** 41° 26' 09.17825" N **Easting** 88° 46' 18.53099" W Date: Start 5/20/13 Finish 5/20/13

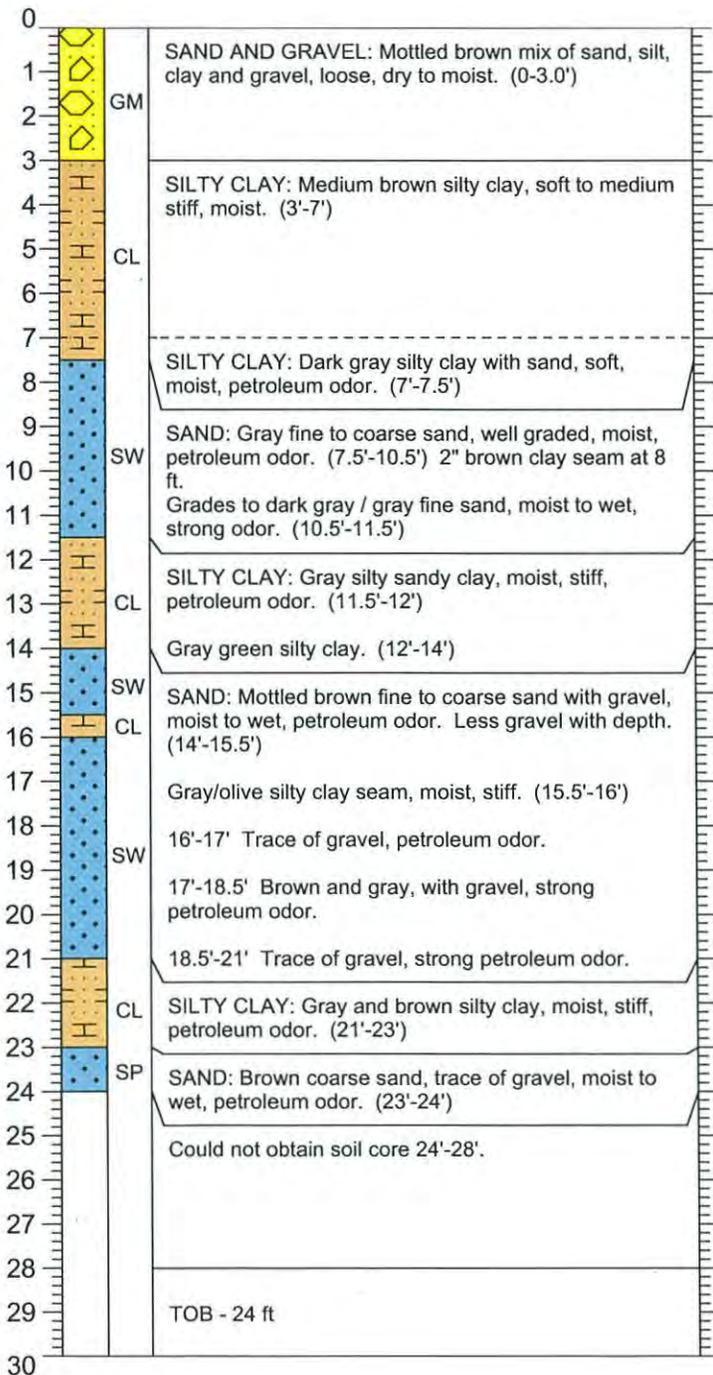
Equipment Used: Geoprobe 6600/MC-5 Soil Sampler/Screen Point 16 Surface Elevation: Unspecified

Location Description: Near former tank location on East side of property near Completion Depth: 24 Feet

E2153rd Street (Co. Hwy 21)

Logged By: James M. Salch, LPG

Depth (ft)	Lithology	USCS	Description	Depth (ft)	Sample Depth	Sample Number	Sampling Interval	Sample Type	Sample Recovery	PID / FID Readings	Remarks
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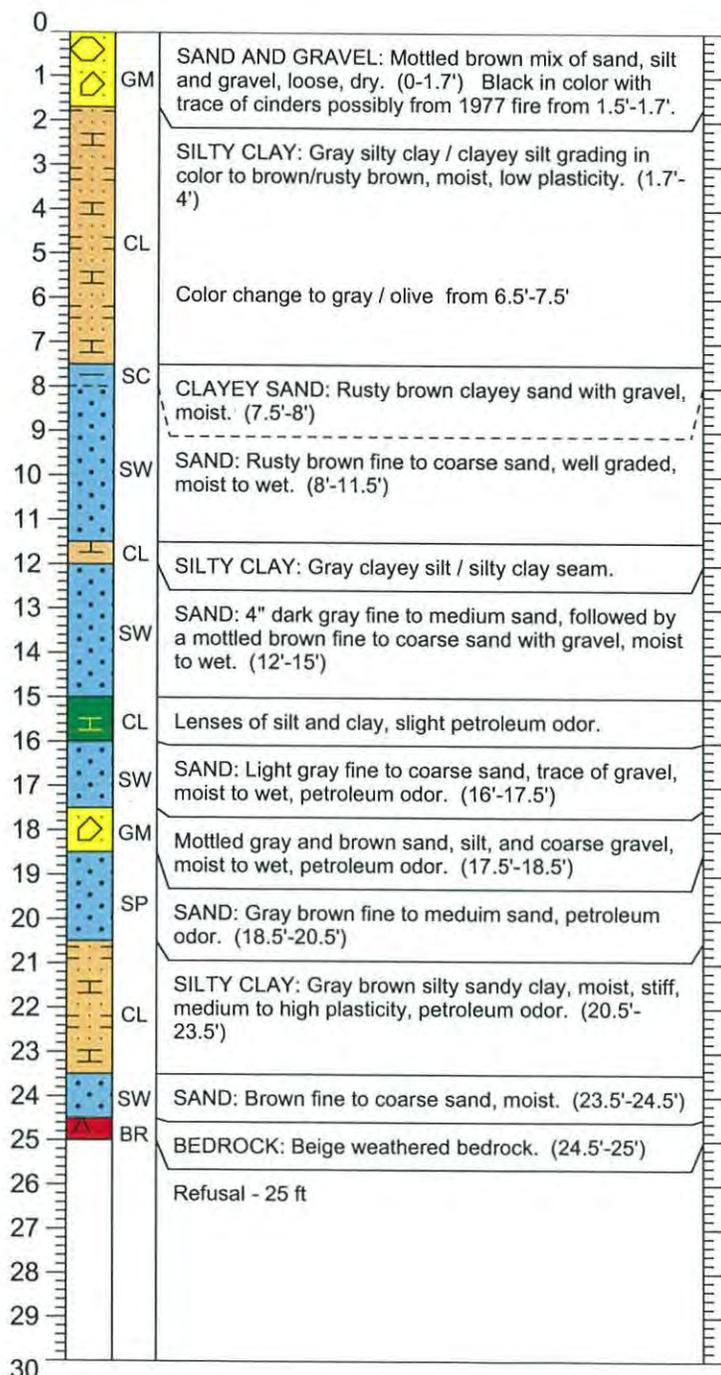


							↑	Macro-Core	3 Feet	0 0 0 0 0	
							↓	Macro-Core	4 Feet	0	Petroleum odor at 7 ft.
							↑	Macro-Core	4 Feet	27 ppm 62 ppm 0 4 ppm	CEC samples at 10'-11', 15'-16' & 19'-20'
							↓	Discrete Core	2.7 Feet	57 ppm 123 ppm	
							↑	Discrete Core	3.7 Feet	88 ppm 230 ppm 321 ppm 37 ppm 37 ppm	Gray sand, top of core. Gray clay @ 13.5' Top of sand @ 14' Gray sand @ 15' Clay @ 15.5'
							↓	Discrete Core	3.3 Feet	48 ppm 42ppm	Water in 12'-16' core.
							↑	Discrete Core	3.3 Feet	179 ppm	Sand @ 18.5'
							↓	Discrete Core	3.3 Feet	233 ppm	Sand @ 19.5'
							↑	Discrete Core	3 Feet	387 ppm 290 ppm	Sand @ 20.5' Bottom of sand @ 21'
							↓	Discrete Core	3 Feet	68 ppm 27 ppm	Clay @ 22' 23'
							↑	Discrete Core	0 Feet		Could not get discrete core to 24 ft.
							↓	Discrete Core	0 Feet		
											<u>SAMPLES</u>
											X-101A 11-12 ft, 14:50
											X-101B 21-22 ft, 14:20

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY FIELD BORING LOG

IEPA File No.: LPC# 0998290003 **Fed. ID No.:** _____ **County:** LaSalle County
Site File Name: Hoxsey **Boring / Well No.:** GP-102
GPS Coordinates: **Northing** 41° 26' 08.90628" N **Easting** 88° 46' 18.64590" W **Date:** **Start** 5/20/13 **Finish** 5/20/13
Equipment Used: Geoprobe 6600/MC-5 Soil Sampler/Screen Point 16 **Surface Elevation:** Unspecified
Location Description: Approximately 30 feet south of GP-101. **Completion Depth:** 25 Feet
Logged By: James M. Salch, LPG

Depth (ft)	Lithology	USCS	Description	Depth (ft)	Sample Depth	Sample Number	Sampling Interval	Sample Type	Sample Recovery	PID / FID Readings	Remarks
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			0 - 4	Macro-Core	3.4 Feet	0	0	0	0	0	
			4 - 8	Macro-Core	4 Feet	0	0	0	0	0	CEC samples at 15'-16' & 19'-20'
			8 - 12	Discrete Core	3 Feet	0	0	0	0	0	
			12 - 16	Discrete Core	3 Feet	155 ppb 2.6 ppm	21 ppm	3.5 ppm 77 ppm	200 ppm 158 ppm	115 ppm	Gray sand, top of core. Brown sand @ 13'
			16 - 20	Discrete Core	3.1 Feet	216 ppm 364 ppm	369 ppm 315 ppm	200 ppm 158 ppm	115 ppm	216 ppm 364 ppm	Brown sand @ 14' Gray silt @ 15' Gray sand @ 15.5'
			20 - 24	Discrete Core	3 Feet	134 ppm	46 ppm 41 ppm	200 ppm 158 ppm	115 ppm	216 ppm 364 ppm	Top of core Sand @ 17' Sand @ 18' Sand @ 19' Sand @ 19.5'
			24 - 28	Discrete Core	1 Foot	232 ppm 109 ppm		200 ppm 158 ppm	115 ppm	216 ppm 364 ppm	Bottom of sand @ 20.5' Clay @ 21' Clay @ 22' Clay @ 23' Top of sand @ 23.5' Top of core Top of rock
											Petroleum odors and PID response from approximately 12 ft to bedrock.
											No IEPA samples from this boring.

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY FIELD BORING LOG

IEPA File No.: LPC# 0998290003 Fed. ID No.: _____ County: LaSalle County

Site File Name: Hoxsey Boring / Well No.: GP-106

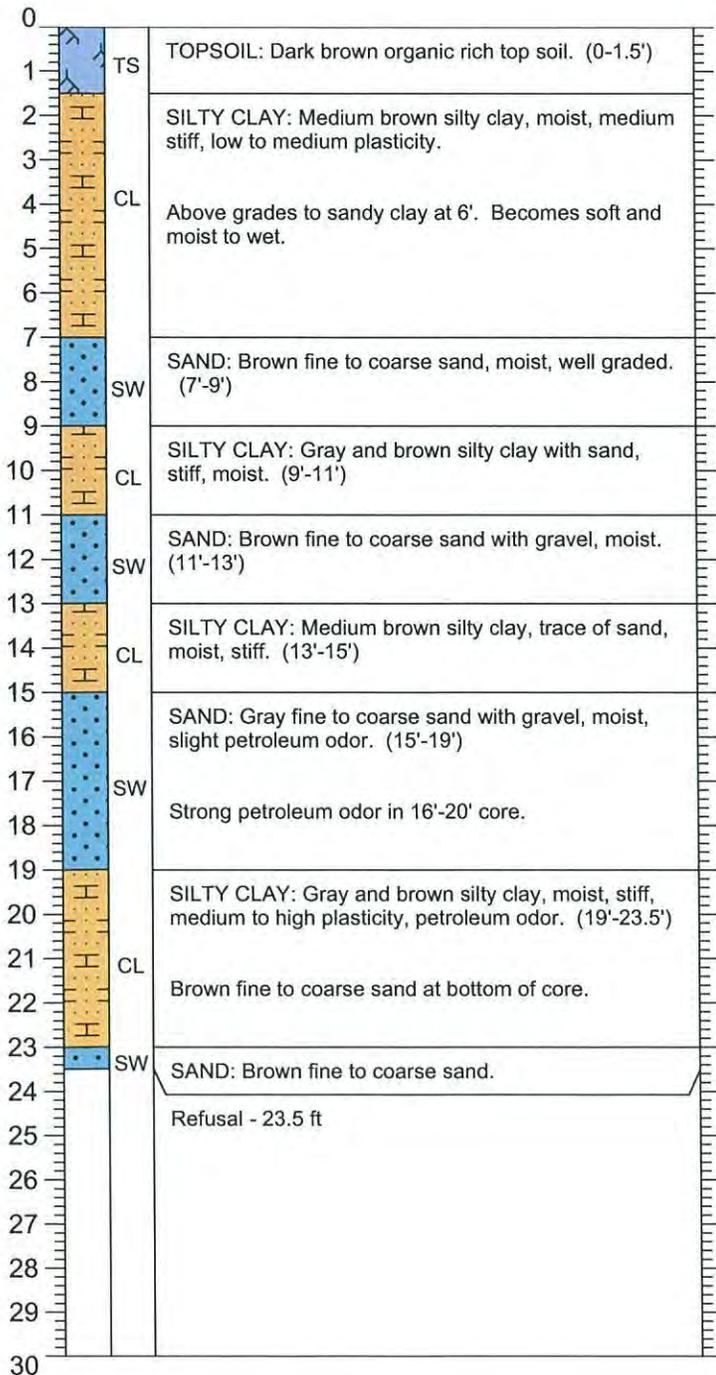
GPS Coordinates: **Northing** 41° 26' 08.47813" N **Easting** 88° 46' 19.18060" W **Date: Start** 5/21/13 **Finish** 5/21/13

Equipment Used: Geoprobe 6600/MC-5 Soil Sampler/Screen Point 16 **Surface Elevation:** Unspecified

Location Description: South of small metal building on east side of property **Completion Depth:** 23.5 Feet

near burn pile. **Logged By:** James M. Salch, LPG

Depth (ft)	Lithology	USCS	Description	Depth (ft)	Sample Depth	Sample Number	Sampling Interval	Sample Type	Sample Recovery	PID / FID Readings	Remarks
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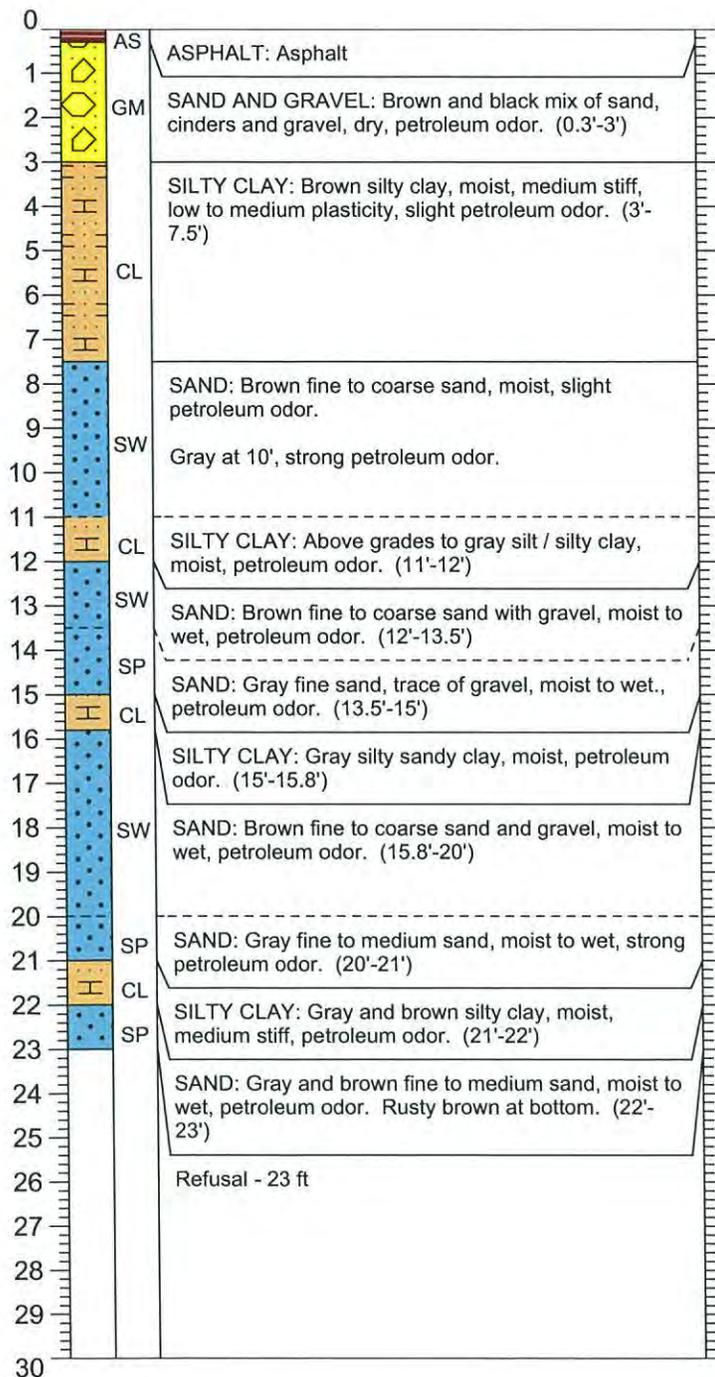


							↕	Macro-Core	4 Feet	0 0 0 0	CEC Samples at 15'-16' & 17'-18'	
						↕	Macro-Core	4 Feet	0 0 0 0			
					X-106B	↕	Discrete Core	2.7 Feet	0 0	427 ppb 667 ppb 93 ppb 0		Top of sand and gravel @ 11' Bottom of core. Top of core. Clay @ 13'
						↕	Discrete Core	3 Feet	0	0		Clay @ 14'
							↕	Discrete Core	3 Feet	31 ppm 37 ppm 2.5 ppm 22.9 ppm	Gray sand @ 15' Bottom of core. Sand at top of core. Sand @ 17'	
					X-106A		↕	Discrete Core	2.8 Feet	292 ppm	Sand @ 18'	
							↕	Discrete Core	2.8 Feet	223 ppm 72 ppm	Clay @ 19' Bottom of core.	
							↕	Discrete Core	2.3 Feet	110 ppm 59 ppm 38 ppm	Top of core. Clay @ 21' Clay @ 22'	
							↕	Discrete Core	2.3 Feet	14 ppm	Sand at bottom of core. Bottom of core.	
<u>SAMPLES</u>												
X-106A 18-19 ft, 15:10												
X-106B 8-9 ft, 15:35 TM												

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY FIELD BORING LOG

IEPA File No.: LPC# 0998290003 **Fed. ID No.:** _____ **County:** LaSalle County
Site File Name: Hoxsey **Boring / Well No.:** GP-110
GPS Coordinates: Northing 41° 26' 09.08896" N Easting 88° 46' 18.42962" W **Date:** Start 5/22/13 Finish 5/22/13
Equipment Used: Geoprobe 6600/MC-5 Soil Sampler/Screen Point 16 **Surface Elevation:** Unspecified
Location Description: County Hwy 21 right of way on apron at pump island **Completion Depth:** 23 Feet
location adjacent to eastern property boundary. **Logged By:** James M. Salch, LPG

Depth (ft)	Lithology	USCS	Description	Depth (ft)	Sample Depth	Sample Number	Sampling Interval	Sample Type	Sample Recovery	PID / FID Readings	Remarks
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Sample Number	Sampling Interval	Sample Type	Sample Recovery	PID / FID Readings	Remarks
X-110A	0 - 4	Macro-Core	4 Feet	1.7 ppm	Top of core.
				3 ppm	1'
				80 ppm	1.5'
				350 ppm	2'
X-110B	12 - 16	Discrete Core	3.2 Feet	171 ppm	Clay @ 2.5'
				43 ppm	Clay @ 3'
				37 ppm	Clay @ bottom of core.
				3 ppm	Top of core.
X-110C	16 - 20	Discrete Core	2.6 Feet	2.5 ppm	Clay @ 5'
				< 1 ppm	Clay @ 6'
				< 1 ppm	Clay @ 7'
				< 1 ppm	Clay @ 7.5'
G-110	8 - 12	Discrete Core	3 Feet	21.5 ppm	Top of core.
				4.5 ppm	Sand @ 9'
				1.5 ppm	Gray sand @ 10'
				272 ppm	Sand @ 11'
G-110	20 - 24	Discrete Core	2.8 Feet	27.1 ppm	Bottom of core.
				89.2 ppm	Top of core.
				275 ppm	Sand @ 12.5'
				51.5 ppm	Brown sand @ 13'
G-110	4 - 8	Macro-Core	4 Feet	380 ppm	Gray sand @ 14'
				425 ppm	Gray sand @ 14.5'
				143 ppm	Clay @ 15'
				46.2 ppm	Bottom of core.
G-110	0 - 4	Macro-Core	4 Feet	318 ppm	Top of core.
				133 ppm	Sand @ 16.5'
				257 ppm	Sand @ 17.5'
				333 ppm	Sand @ 18.5'

SAMPLES

X-110A 1.5-2.5 ft, 15:05
 X-110B 14-15 ft, 15:20
 X-110C 19-20 ft, 15:35
 G-110 17-21 ft, 16:50

Petroleum odors near surface to bedrock. Strong odor and slight sheen on water sample G-110, 17-21 ft.

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY FIELD BORING LOG

IEPA File No.: LPC# 0998290003 Fed. ID No.: _____ County: LaSalle County

Site File Name: Hoxsey Boring / Well No.: GP-111

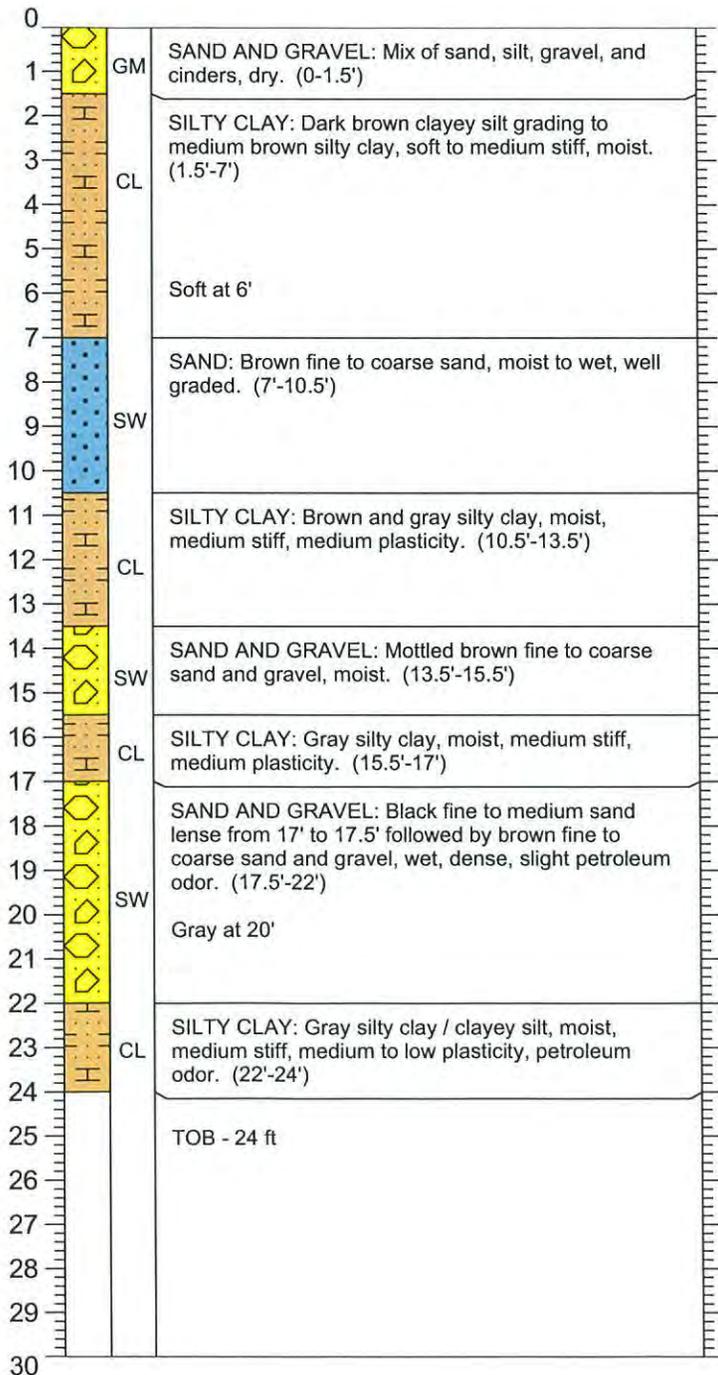
GPS Coordinates: Northing 41° 26' 10.20064" N Easting 88° 46' 17.70545" W Date: Start 5/22/13 Finish 5/22/13

Equipment Used: Geoprobe 6600/MC-5 Soil Sampler/Screen Point 16 Surface Elevation: Unspecified

Location Description: NW corner of N3462nd Street and E2153rd Street. Completion Depth: 24 Feet

Logged By: James M. Salch, LPG

Depth (ft)	Lithology	USCS	Description	Depth (ft)	Sample Depth	Sample Number	Sampling Interval	Sample Type	Sample Recovery	PID / FID Readings	Remarks
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											Petroleum odor in soil boring and groundwater sample collected from 16-20 ft.
							0 - 4	Macro-Core	3.2 Feet	0	
							4 - 8	Macro-Core	3.7 Feet	0	
							8 - 12	Discrete Core	3 Feet	0	
							12 - 16	Discrete Core	3.2 Feet	0.5 ppm	Clay @ 11'
							16 - 20	Discrete Core	3 Feet	0	
							20 - 24	Discrete Core	1.9 Feet	0.19 ppm 4.7 ppm 44.1 ppm	Top of core. Clay @ 12.5' Clay @ 13'
										15.9 ppm	Sand and gravel @ 14'
										2.8 ppm	Sand and gravel @ 15.5'
										8.9 ppm	Top of core.
										0.3 ppm	Black sand @ 17'
										7.3 ppm	Sand and gravel @ 18'
										5.1 ppm	Sand and gravel @ 19'
										17.7 ppm	Sand and gravel @ 19.5'
										373 ppm	Top of core.
										76 ppm	Sand and gravel @ 21'
										208 ppm 288 ppm	Clay @ 22' Clay @ 22.5'
										16 ppm	Bottom of core.
											<u>SAMPLES</u>
											X-111A 14.5-15.5 ft, 17:50
											X-111B 21-22 ft, 17:55
											G-111 16-20 ft, 10:10 5/23

ATTACHMENT – B
Sample Documentation Photos

ILLINOIS EPA PHOTO LOG

SITE NAME: Hoxsey		
LPC #: LPC# 0998290003	CERCLIS ID:	COUNTY: LaSalle

DATE: May 20, 2013
TIME:
PHOTO BY: Jim Salch
PHOTO NO: No. 1
DIRECTION: West
COMMENTS: Photo of sample X-101A location. East side of property along E2153rd Road.



DATE: May 20, 2013
TIME:
PHOTO BY: Jim Salch
PHOTO NO: No. 2
DIRECTION: West
COMMENTS: Photo of sample location X-101B. East side of property along E2153rd Road.



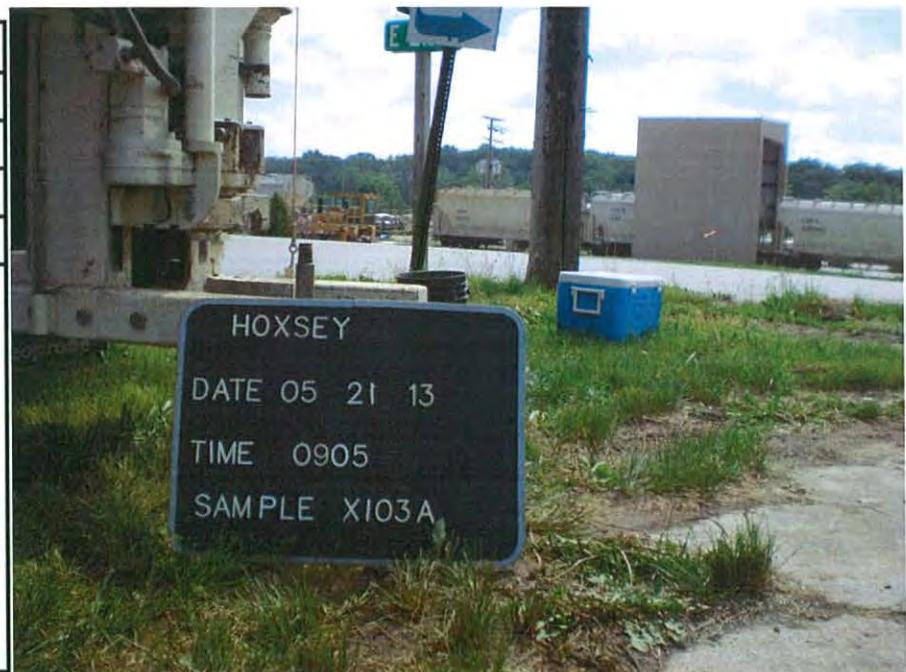
ILLINOIS EPA PHOTO LOG

SITE NAME: Hoxsey		
LPC #: LPC# 0998290003	CERCLIS ID:	COUNTY: LaSalle

DATE: May 21, 2013
TIME:
PHOTO BY: Jim Salch
PHOTO NO: No. 3
DIRECTION:
COMMENTS: Photo of soil core from GP-103. Bottom of the 20-24 foot core. Green sand noted at the top of the St. Peter Sandstone.



DATE: May 21, 2013
TIME:
PHOTO BY: Jim Salch
PHOTO NO: No. 4
DIRECTION: East
COMMENTS: Photo of sample location X-103A. Sample location near the corner of N3462nd Rd and E2153rd Rd.



ILLINOIS EPA PHOTO LOG

SITE NAME: Hoxsey		
LPC #: LPC# 0998290003	CERCLIS ID:	COUNTY: LaSalle

DATE: May 21, 2013
TIME:
PHOTO BY: Jim Salch
PHOTO NO: No. 5
DIRECTION: East
COMMENTS: Photo of sample location X-103B. Sample location near the corner of N3462nd Rd and E2153rd Rd.



DATE: May 21, 2013
TIME:
PHOTO BY: Jim Salch
PHOTO NO: No. 6
DIRECTION: Southwest
COMMENTS: Photo of sample location X-104A. Located on the northwest side of property near Jackson St.



ILLINOIS EPA PHOTO LOG

SITE NAME: Hoxsey		
LPC #: LPC# 0998290003	CERCLIS ID:	COUNTY: LaSalle

DATE: May 21, 2013
TIME:
PHOTO BY: Jim Salch
PHOTO NO: No. 7
DIRECTION: East
COMMENTS: Photo of groundwater sample location G-103. Sample location on the northeast corner of property near N3462nd Rd and E2153rd Rd.



DATE: May 21, 2013
TIME:
PHOTO BY: Jim Salch
PHOTO NO: No. 8
DIRECTION: North
COMMENTS: Photo of soil sample location X-105. Sample location located on the east side of property along Jackson St.



ILLINOIS EPA PHOTO LOG

SITE NAME: Hoxsey

LPC #: LPC# 0998290003

CERCLIS ID:

COUNTY: LaSalle

DATE: May 21, 2013

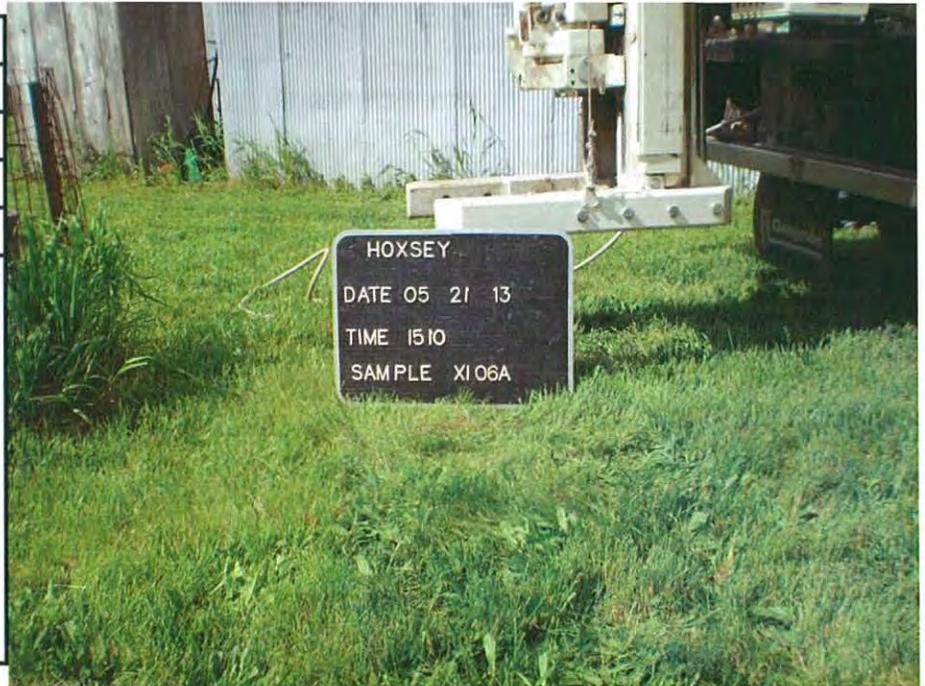
TIME:

PHOTO BY: Jim Salch

PHOTO NO: No. 10

DIRECTION: Southwest

COMMENTS: Photo of soil sample location X-106A. Sample location located south of small metal shed.



DATE: May 21, 2013

TIME:

PHOTO BY: Jim Salch

PHOTO NO: No. 11

DIRECTION: Southwest

COMMENTS: Photo of soil sample location X-106B. Sample location located south of small metal shed.



ILLINOIS EPA PHOTO LOG

SITE NAME: Hoxsey		
LPC #: LPC# 0998290003	CERCLIS ID:	COUNTY: LaSalle

DATE: May 21, 2013
TIME:
PHOTO BY: Jim Salch
PHOTO NO: No. 12
DIRECTION: West
COMMENTS: Photo of soil sample location X-107A. Sample location located just north of mobile home on property.



DATE: May 21, 2013
TIME:
PHOTO BY: Jim Salch
PHOTO NO: No. 13
DIRECTION: West
COMMENTS: Photo of soil sample location X-107B. Sample location located just north of mobile home on property.



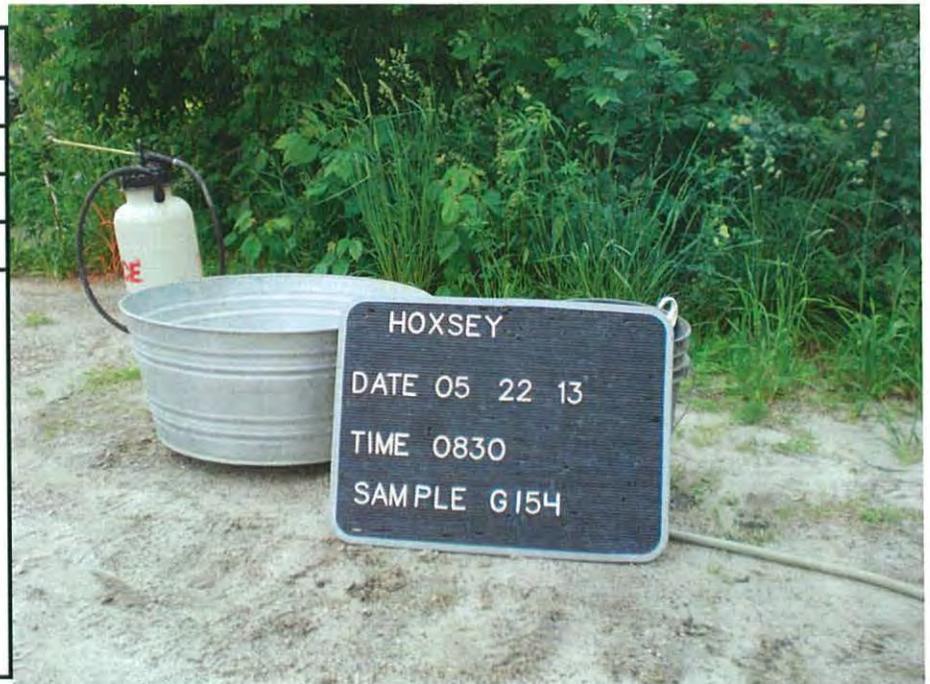
ILLINOIS EPA PHOTO LOG

SITE NAME: Hoxsey		
LPC #: LPC# 0998290003	CERCLIS ID:	COUNTY: LaSalle

DATE: May 21, 2013
TIME:
PHOTO BY: Jim Salch
PHOTO NO: No. 14
DIRECTION: West
COMMENTS: Photo of soil sample location X-107C. Sample location located just north of mobile home on property.



DATE: May 22, 2013
TIME:
PHOTO BY: Jim Salch
PHOTO NO: No. 15
DIRECTION:
COMMENTS: Photo documentation of rinsate blank G-154 collected off a decontaminated soil sampling shoe.



ILLINOIS EPA PHOTO LOG

SITE NAME: Hoxsey

LPC #: LPC# 0998290003

CERCLIS ID:

COUNTY: LaSalle

DATE: May 22, 2013

TIME:

PHOTO BY: Jim Salch

PHOTO NO: No. 16

DIRECTION:

COMMENTS: Photo of St. Peter sandstone collected from soil boring GP-108.



DATE: May 22, 2013

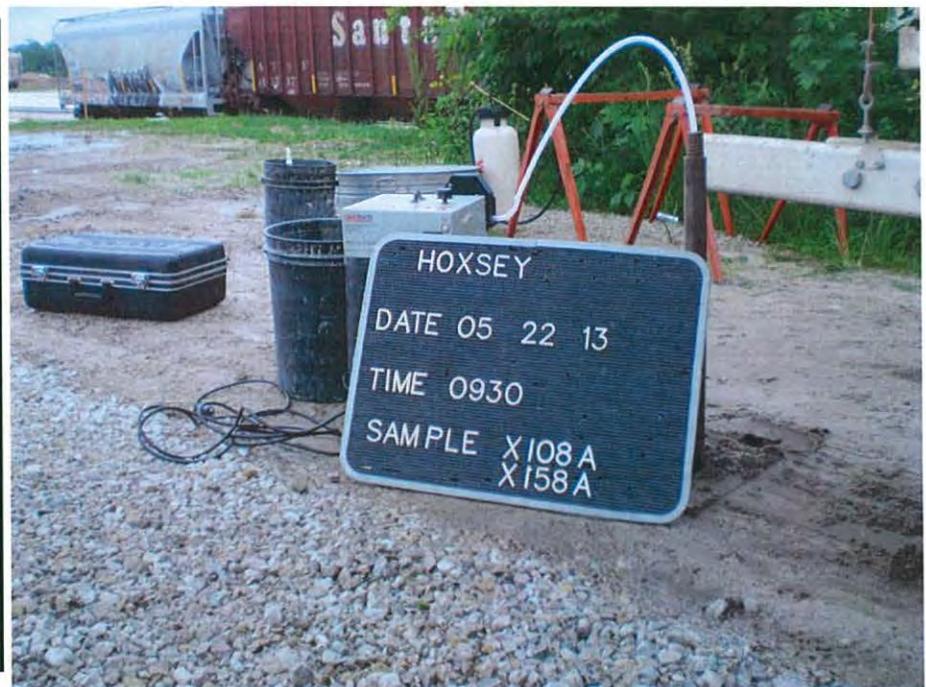
TIME:

PHOTO BY: Jim Salch

PHOTO NO: No. 17

DIRECTION: Northeast

COMMENTS: Photo of soil sample location X-108A and duplicate X-158A. Sample location is on the east side of E2153rd Rd across the street from the Hoxsey property.



ILLINOIS EPA PHOTO LOG

SITE NAME: Hoxsey		
LPC #: LPC# 0998290003	CERCLIS ID:	COUNTY: LaSalle

DATE: May 22, 2013
TIME:
PHOTO BY: Jim Salch
PHOTO NO: No. 18
DIRECTION: Northeast
COMMENTS: Photo of soil sample location X-108B. Sample location is on the east side of E2153rd Rd across the street from the Hoxsey property.



DATE: May 22, 2013
TIME:
PHOTO BY: Jim Salch
PHOTO NO: No. 19
DIRECTION: North
COMMENTS: Photo of groundwater sample location G-108. Sample location is on the east side of E2153rd Rd across the street from the Hoxsey property.



ILLINOIS EPA PHOTO LOG

SITE NAME: Hoxsey		
LPC #: LPC# 0998290003	CERCLIS ID:	COUNTY: LaSalle

DATE: May 22, 2013
TIME:
PHOTO BY: Jim Salch
PHOTO NO: No. 20
DIRECTION: Northeast
COMMENTS: Photo of soil sample location X-109. Sample location is on the east side of E2153rd Rd across the street from the Hoxsey property just south of GP-108.



DATE: May 22, 2013
TIME:
PHOTO BY: Jim Salch
PHOTO NO: No. 21
DIRECTION: North
COMMENTS: Photo of groundwater sample location G-109. Sample location is on the east side of E2153rd Rd across the street from the Hoxsey property just south of GP-108.



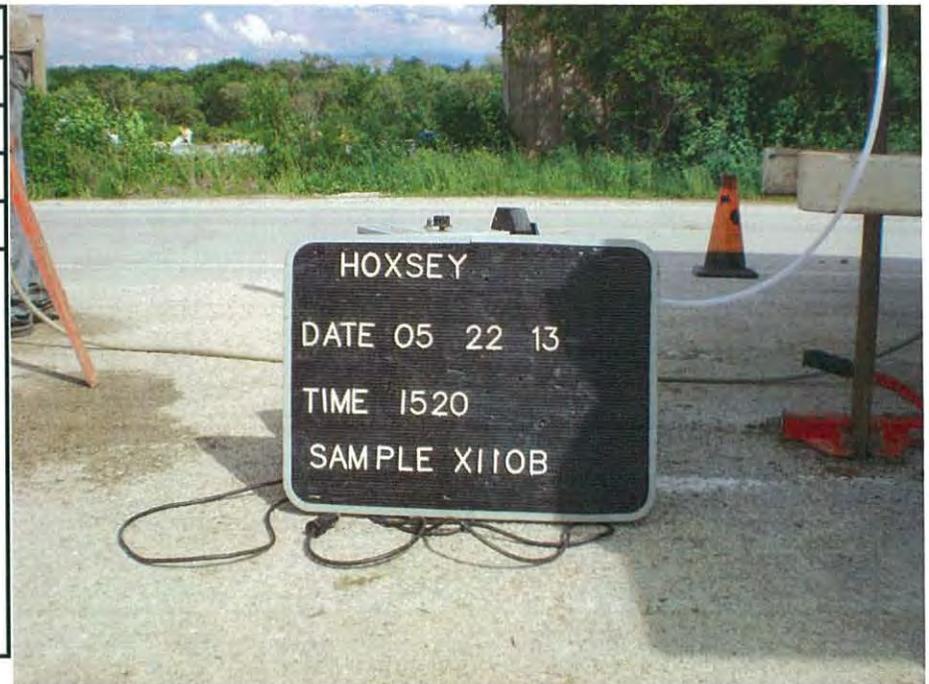
ILLINOIS EPA PHOTO LOG

SITE NAME: Hoxsey		
LPC #: LPC# 0998290003	CERCLIS ID:	COUNTY: LaSalle

DATE: May 22, 2013
TIME:
PHOTO BY: Jim Salch
PHOTO NO: No. 22
DIRECTION: East
COMMENTS: Photo of soil sample location X-110A. Sample location located in asphalt apron adjacent to the west side of E2153rd Rd at Hoxsey property line.



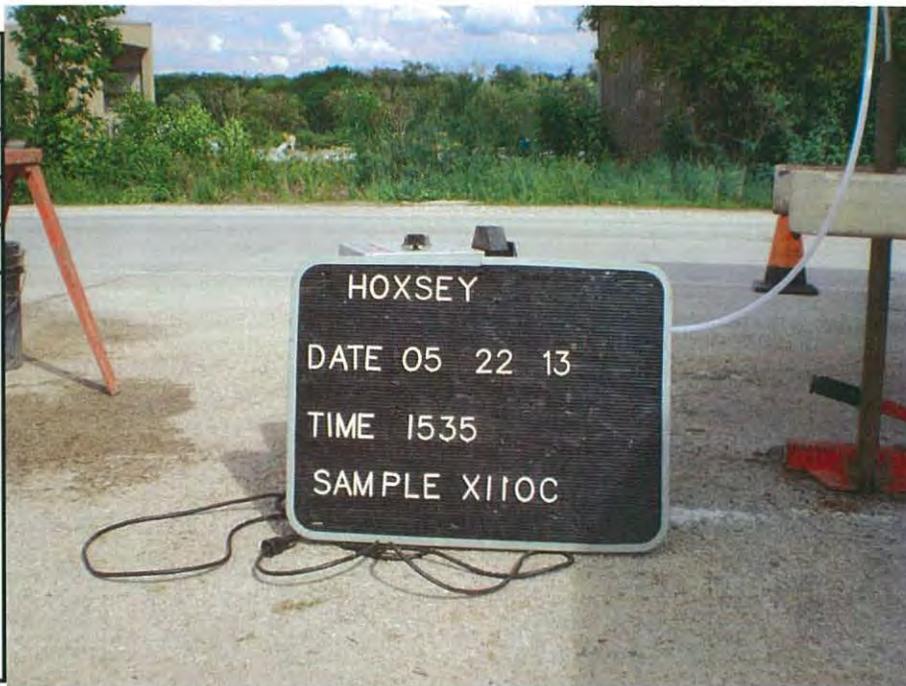
DATE: May 22, 2013
TIME:
PHOTO BY: Jim Salch
PHOTO NO: No. 23
DIRECTION: East
COMMENTS: Photo of soil sample location X-110B. Sample location located in asphalt apron adjacent to the west side of E2153rd Rd at Hoxsey property line.



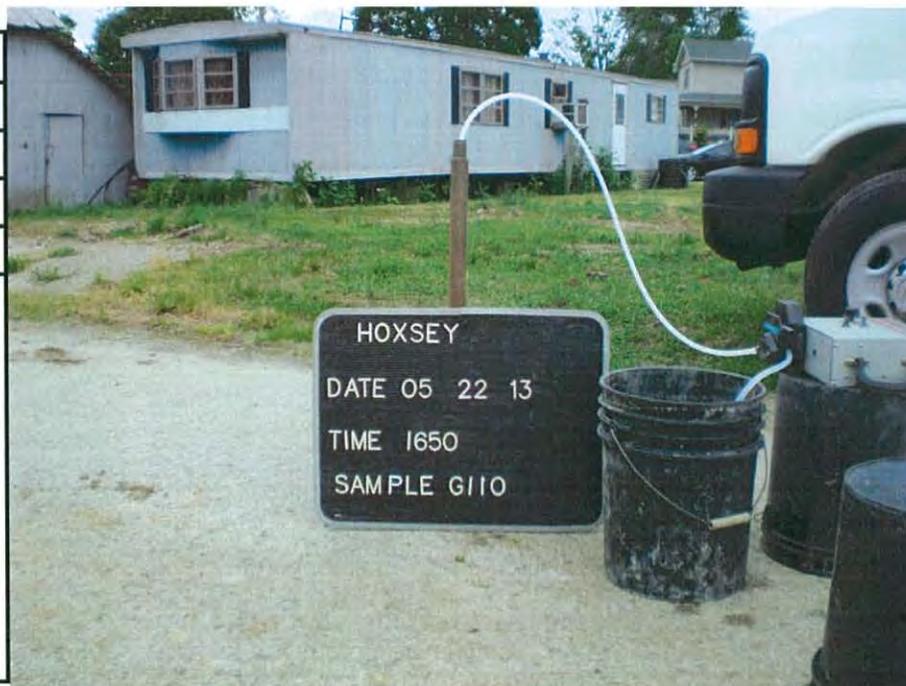
ILLINOIS EPA PHOTO LOG

SITE NAME: Hoxsey			
LPC #: LPC# 0998290003	CERCLIS ID:	COUNTY: LaSalle	

DATE: May 20, 2013
TIME:
PHOTO BY: Jim Salch
PHOTO NO: No. 24
DIRECTION: East
COMMENTS: Photo of soil sample location X-110C. Sample location located in asphalt apron adjacent to the west side of E2153rd Rd at Hoxsey property line.



DATE: May 22, 2013
TIME:
PHOTO BY: Jim Salch
PHOTO NO: No. 25
DIRECTION: Southwest
COMMENTS: Photo of groundwater sample location G-110. Photo of soil sample location X-110A. Sample location located in asphalt apron adjacent to the west side of E2153rd Rd at Hoxsey property line.



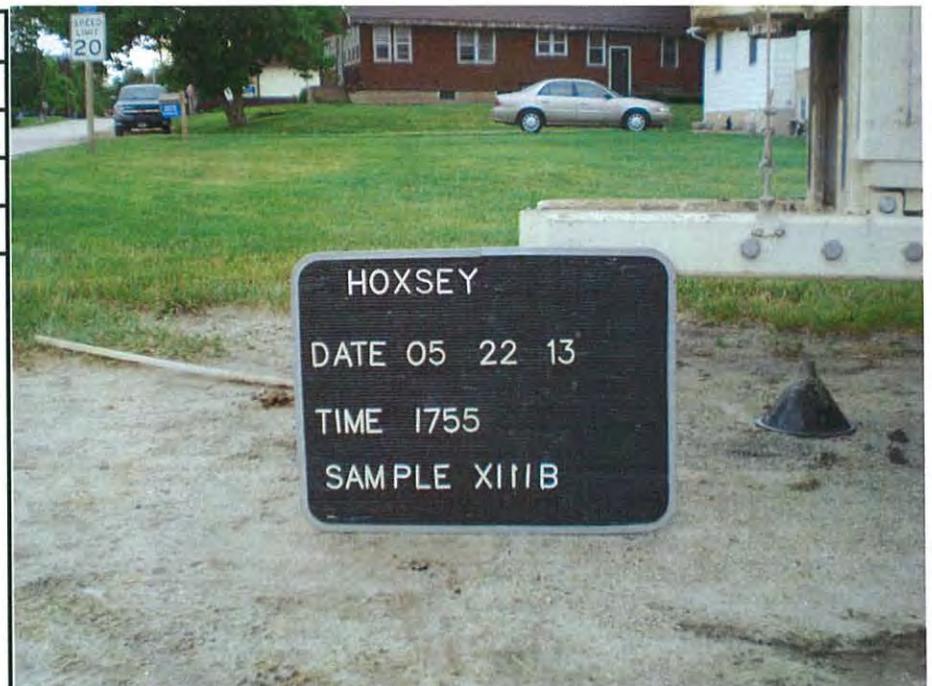
ILLINOIS EPA PHOTO LOG

SITE NAME: Hoxsey		
LPC #: LPC# 0998290003	CERCLIS ID:	COUNTY: LaSalle

DATE: May 22, 2013
TIME:
PHOTO BY: Jim Salch
PHOTO NO: No. 26
DIRECTION: West
COMMENTS: Photo of soil sample location X-111A. Sample location is at the northwest corner of N3462nd Rd and E2153rd Rd across the street to the north of the Hoxsey property.



DATE: May 22, 2013
TIME:
PHOTO BY: Jim Salch
PHOTO NO: No. 27
DIRECTION: West
COMMENTS: Photo of soil sample location X-111B. Sample location is at the northwest corner of N3462nd Rd and E2153rd Rd across the street to the north of the Hoxsey property.



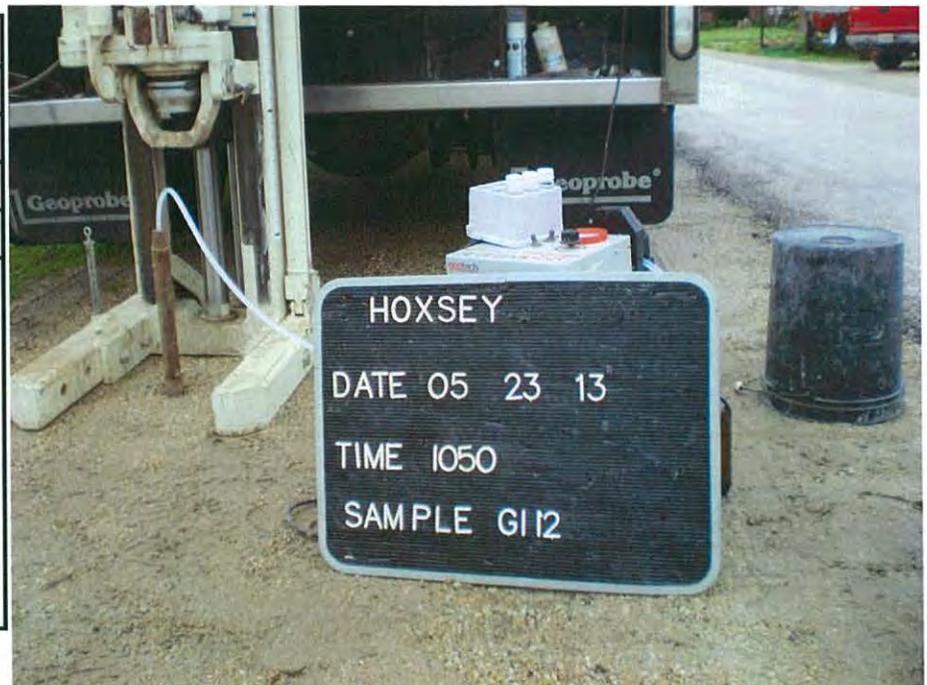
ILLINOIS EPA PHOTO LOG

SITE NAME: Hoxsey			
LPC #: LPC# 0998290003	CERCLIS ID:	COUNTY: LaSalle	

DATE: May 23, 2013
TIME:
PHOTO BY: Jim Salch
PHOTO NO: No. 28
DIRECTION: North
COMMENTS: Photo of groundwater sample location G-111. Sample location is at the northwest corner of N3462nd Rd and E2153rd Rd across the street to the north of the Hoxsey property.

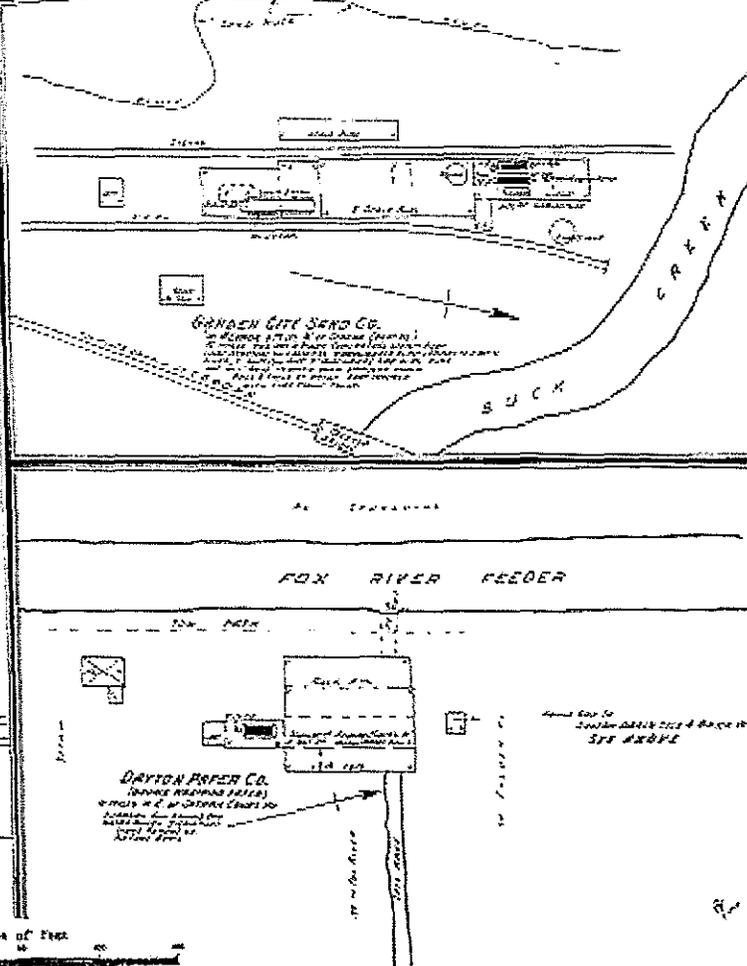
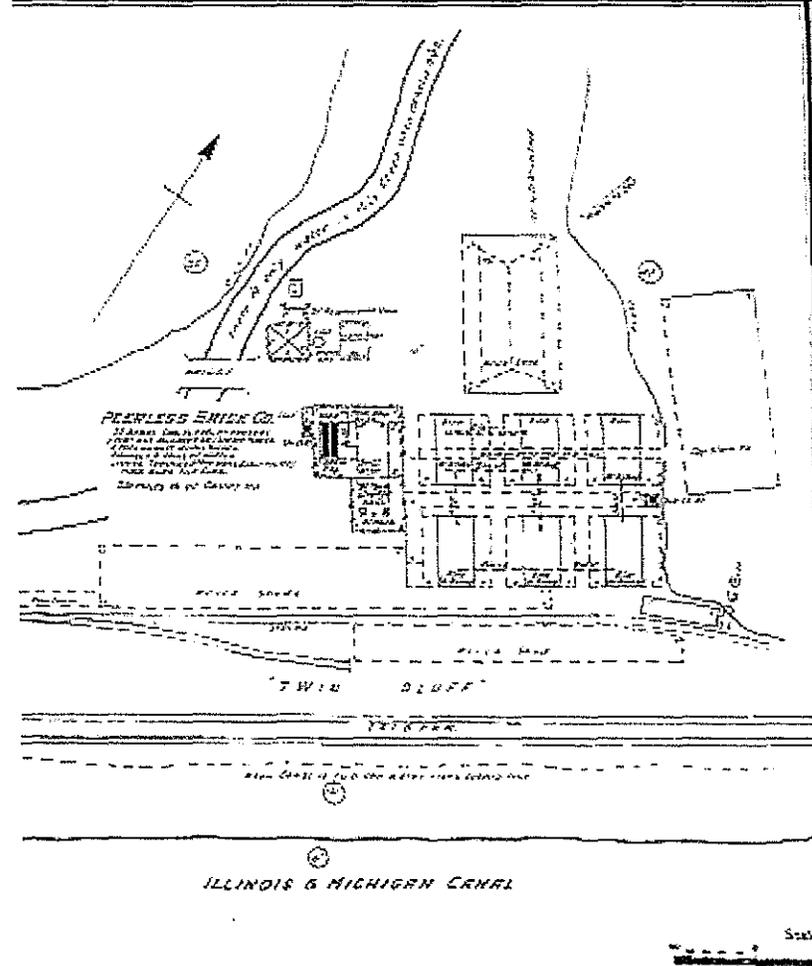
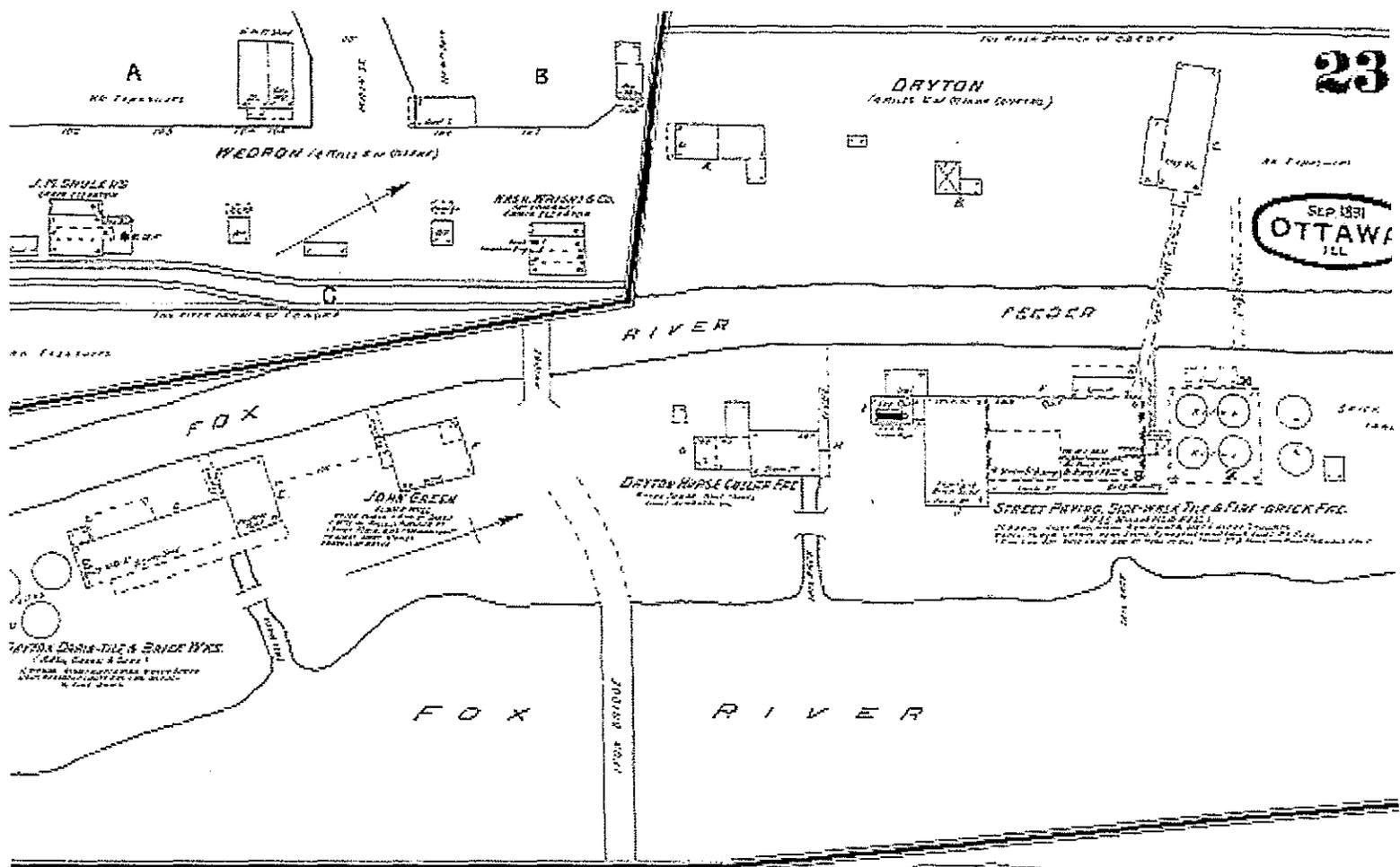


DATE: May 23, 2013
TIME:
PHOTO BY: Jim Salch
PHOTO NO: No. 29
DIRECTION: South
COMMENTS: Photo of groundwater sample location G-112. Sample location on the west side of Hoxsey property nest to Jackson St.

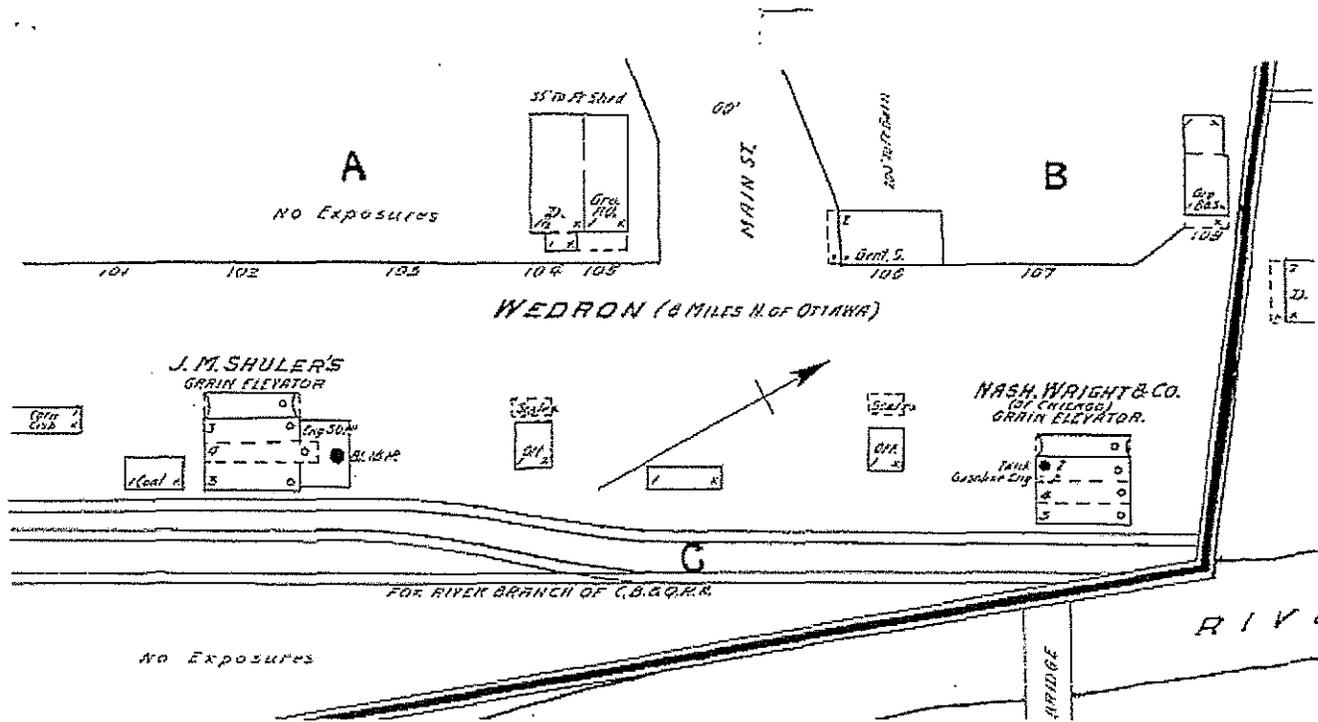


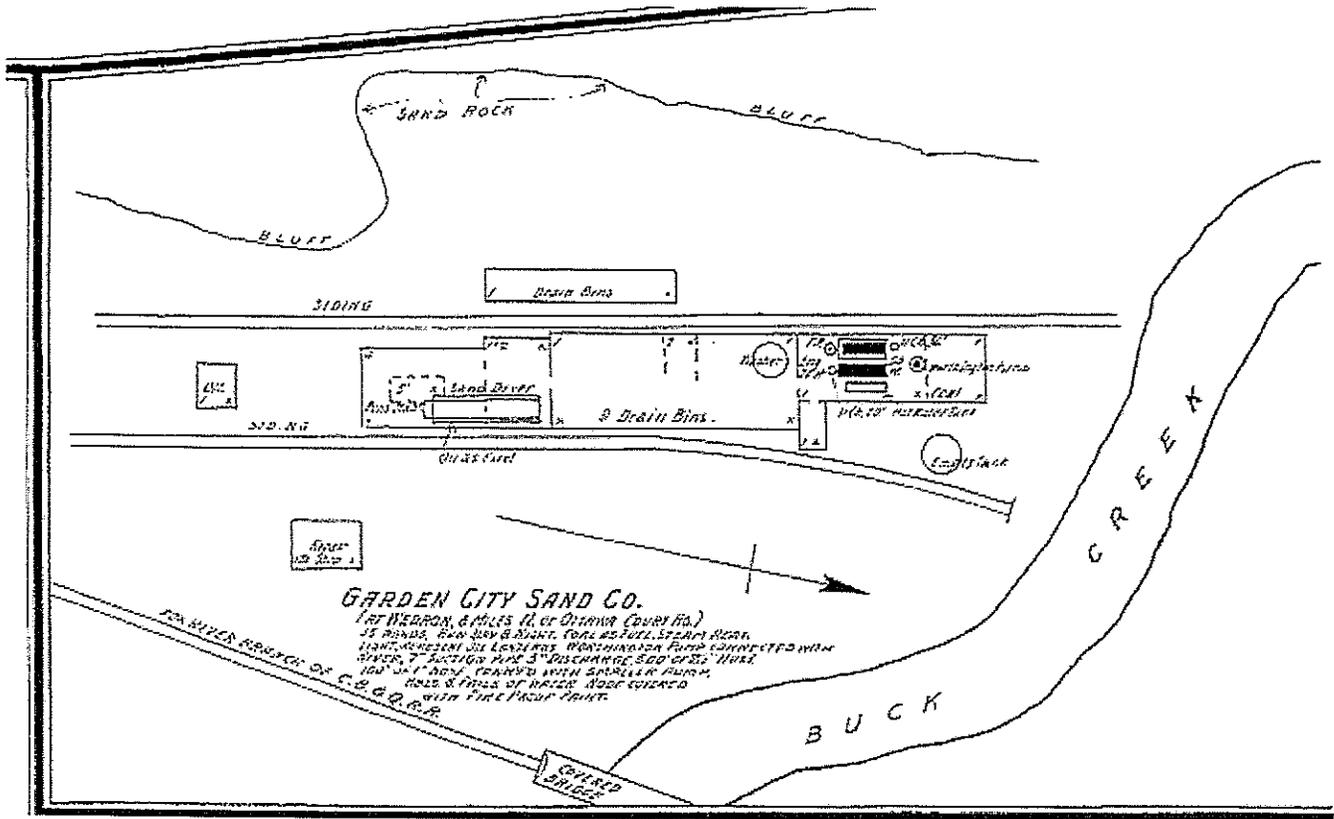
ATTACHMENT – C

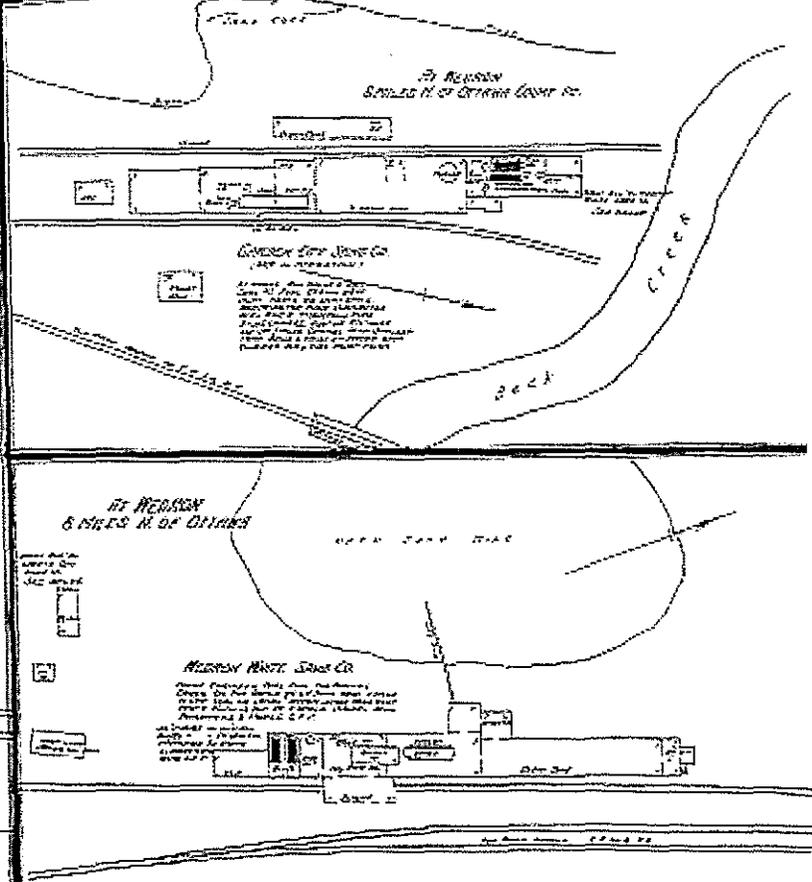
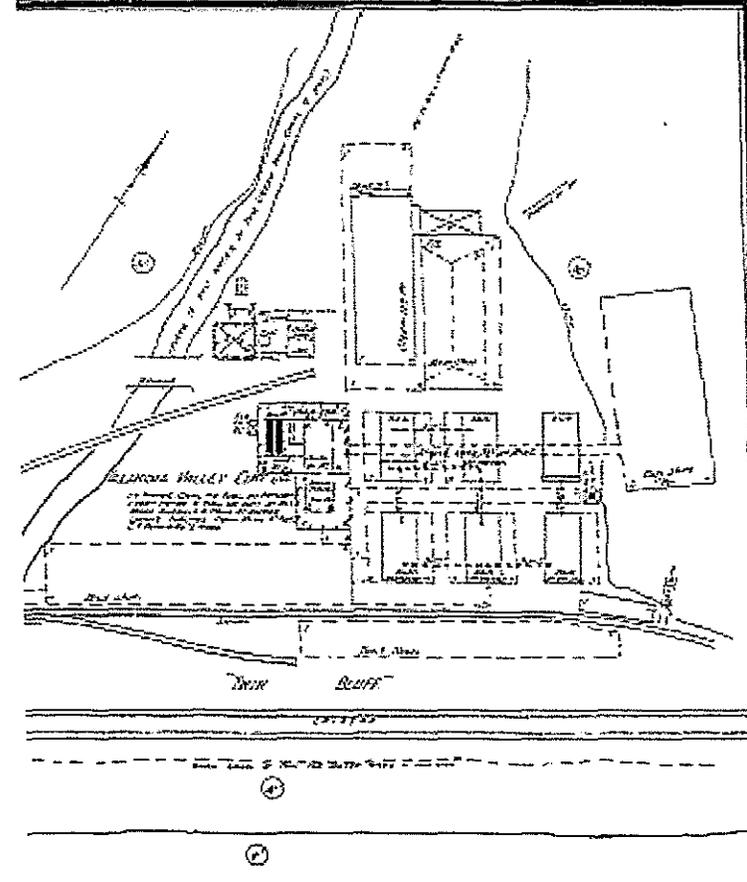
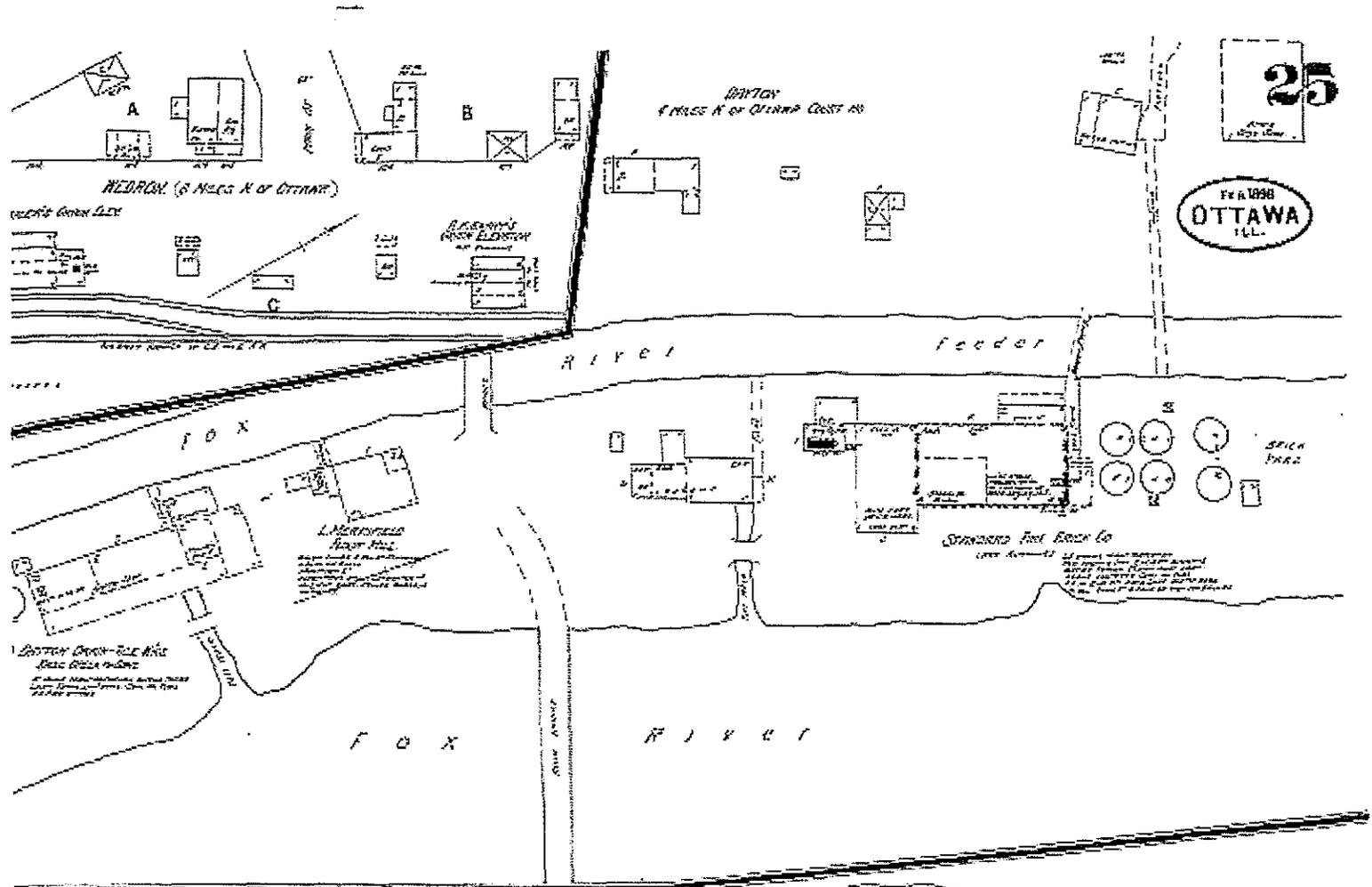
Sanborn Fire Insurance Maps



Scale of Feet

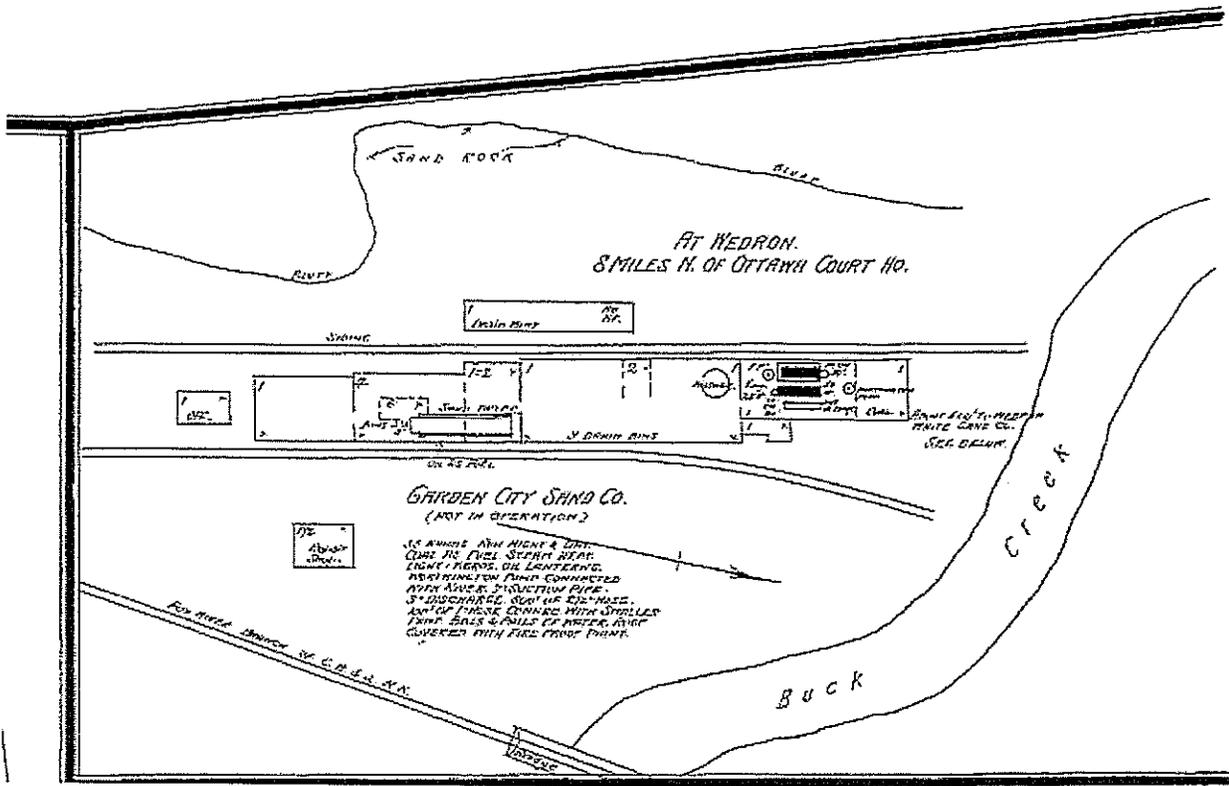


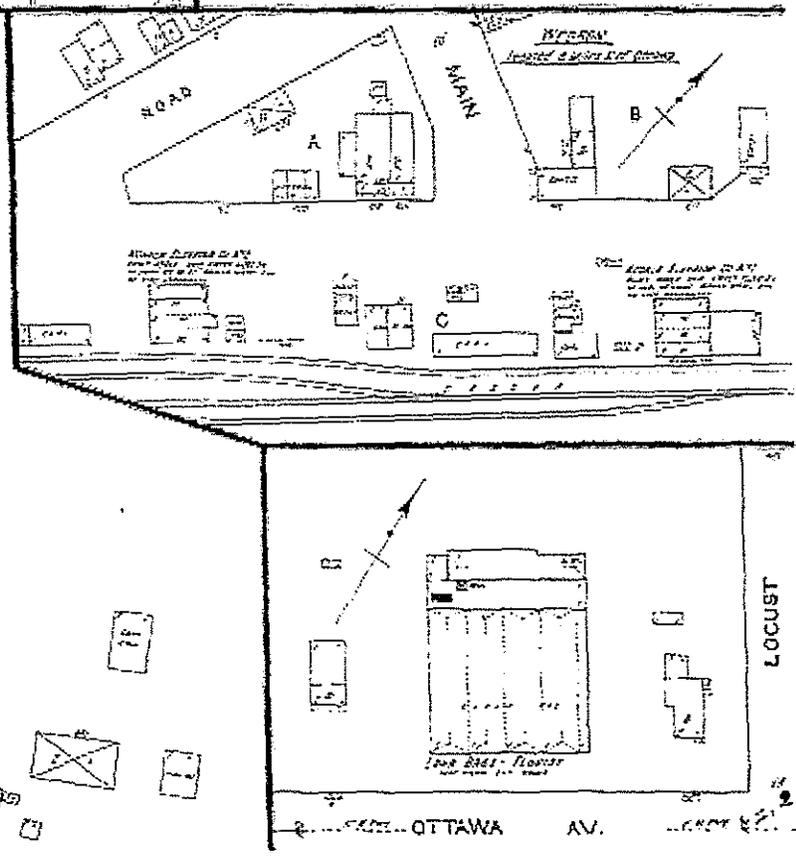
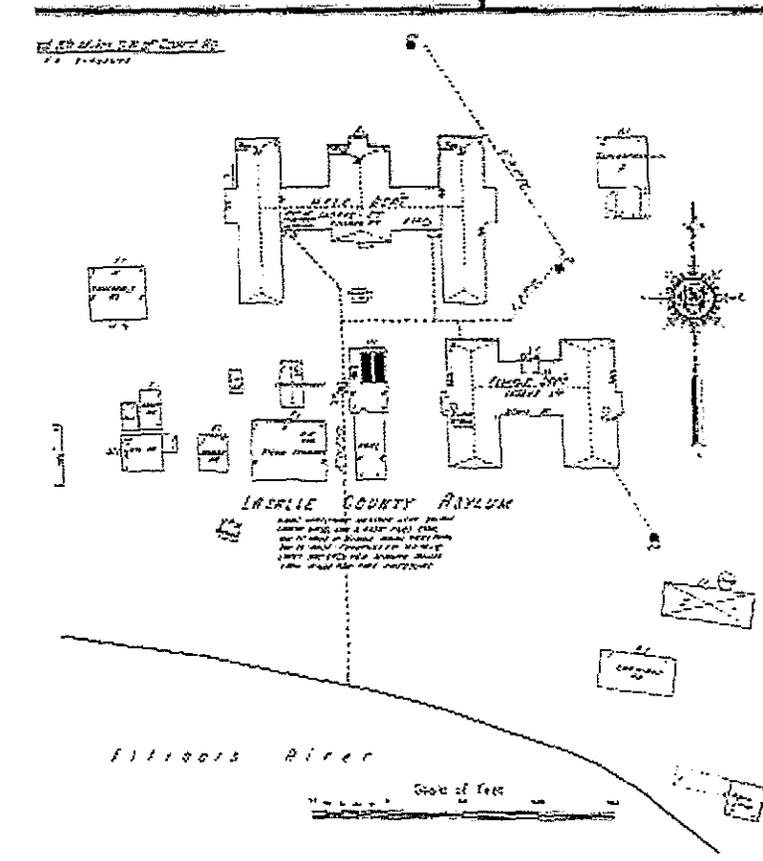
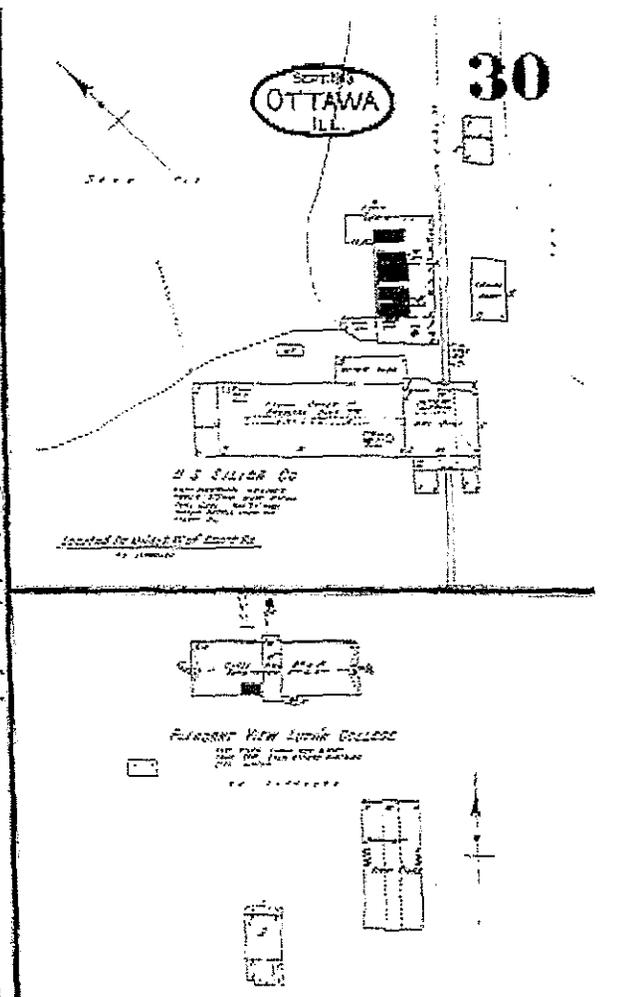
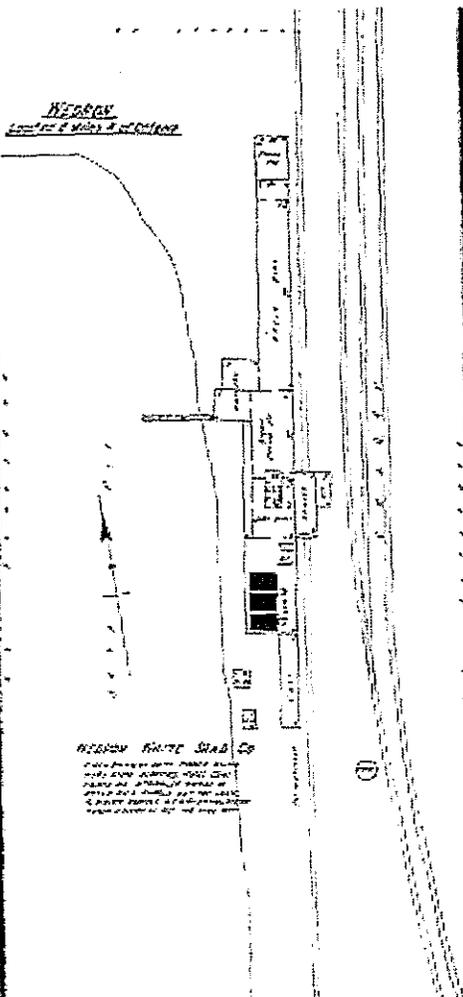
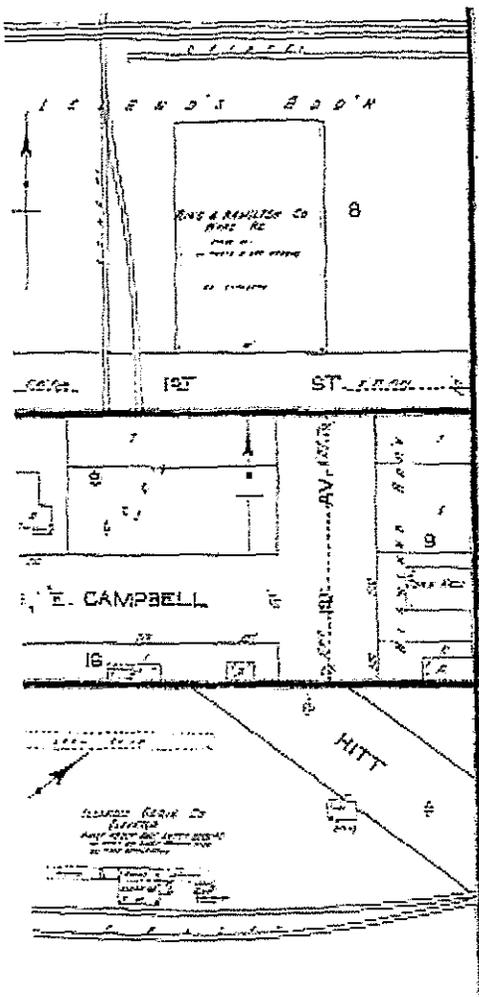


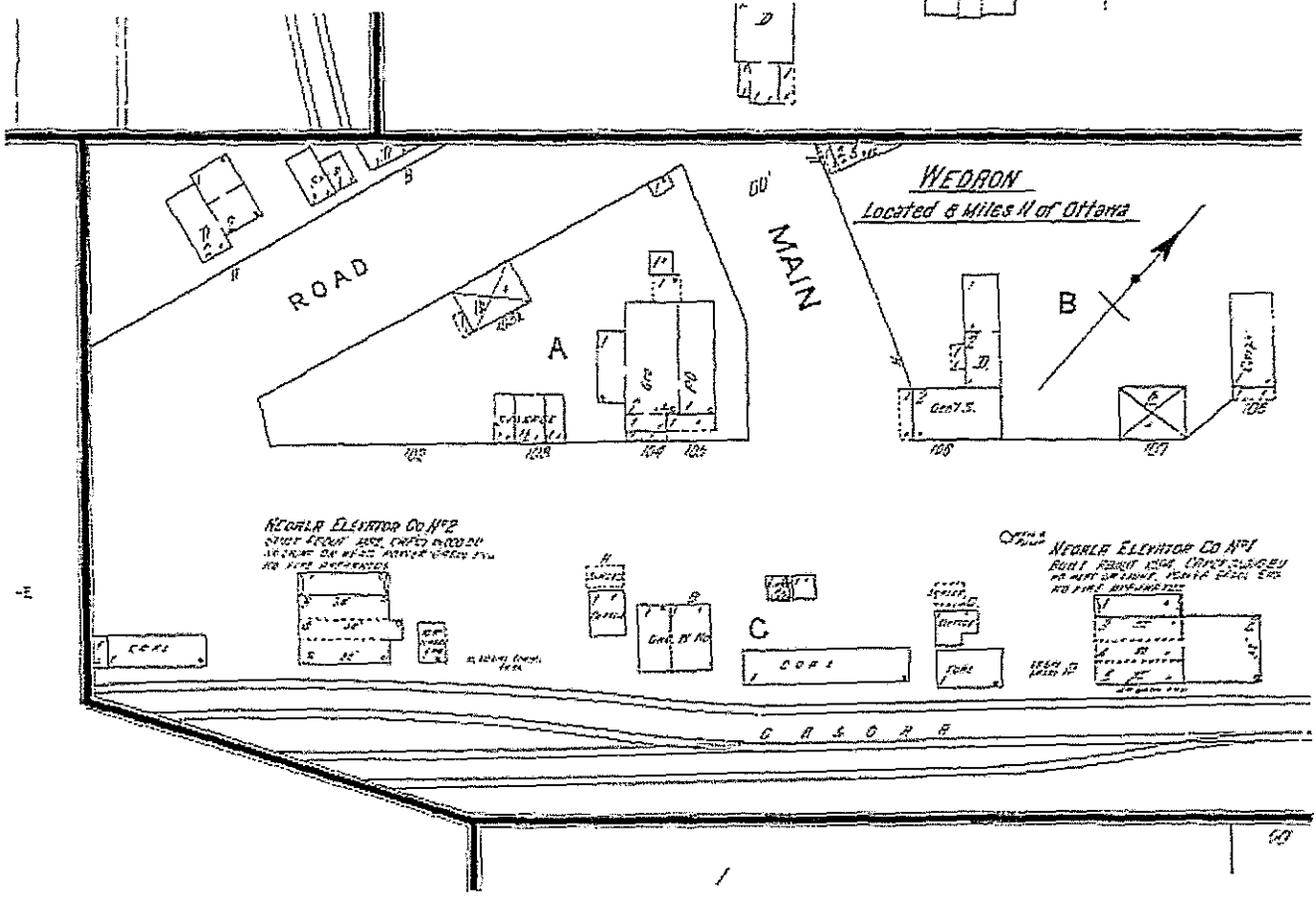


Illinois & Michigan Canal

Scale of Feet

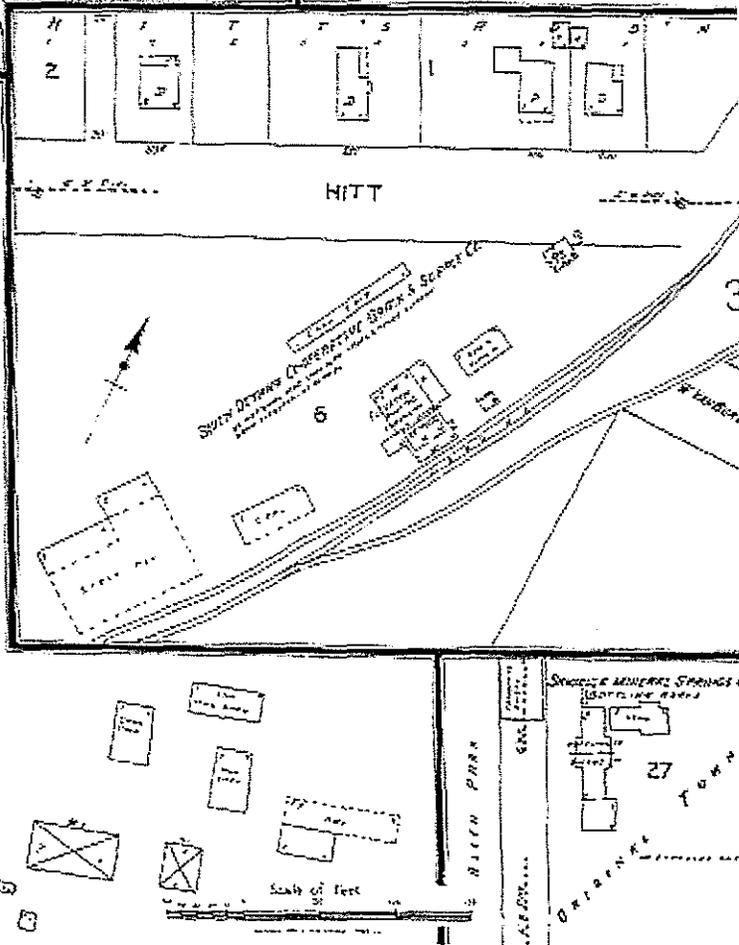
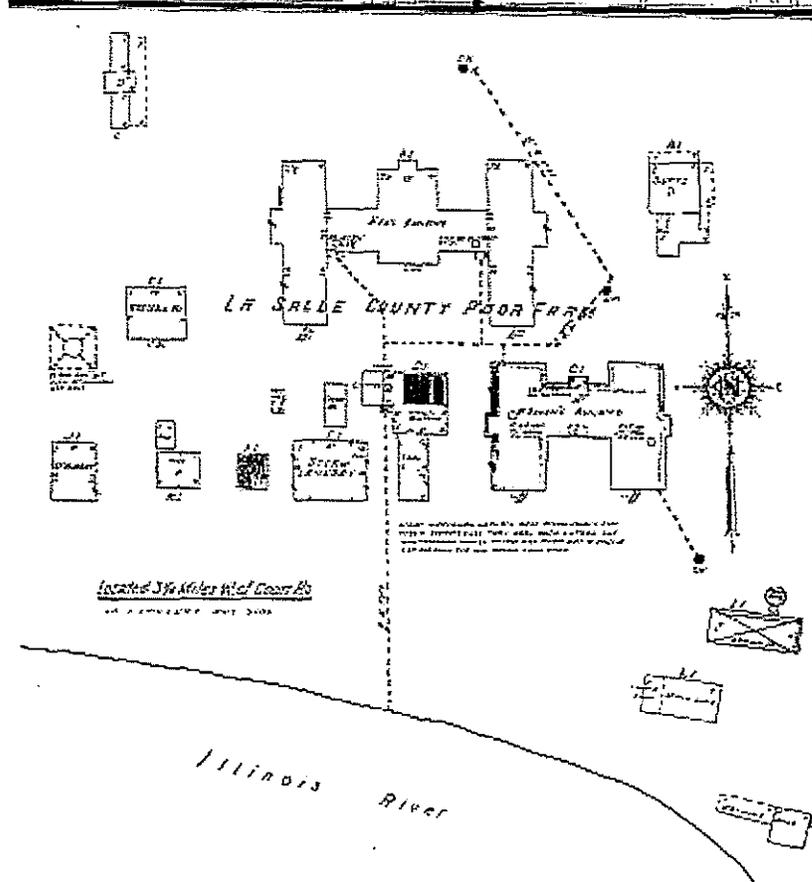
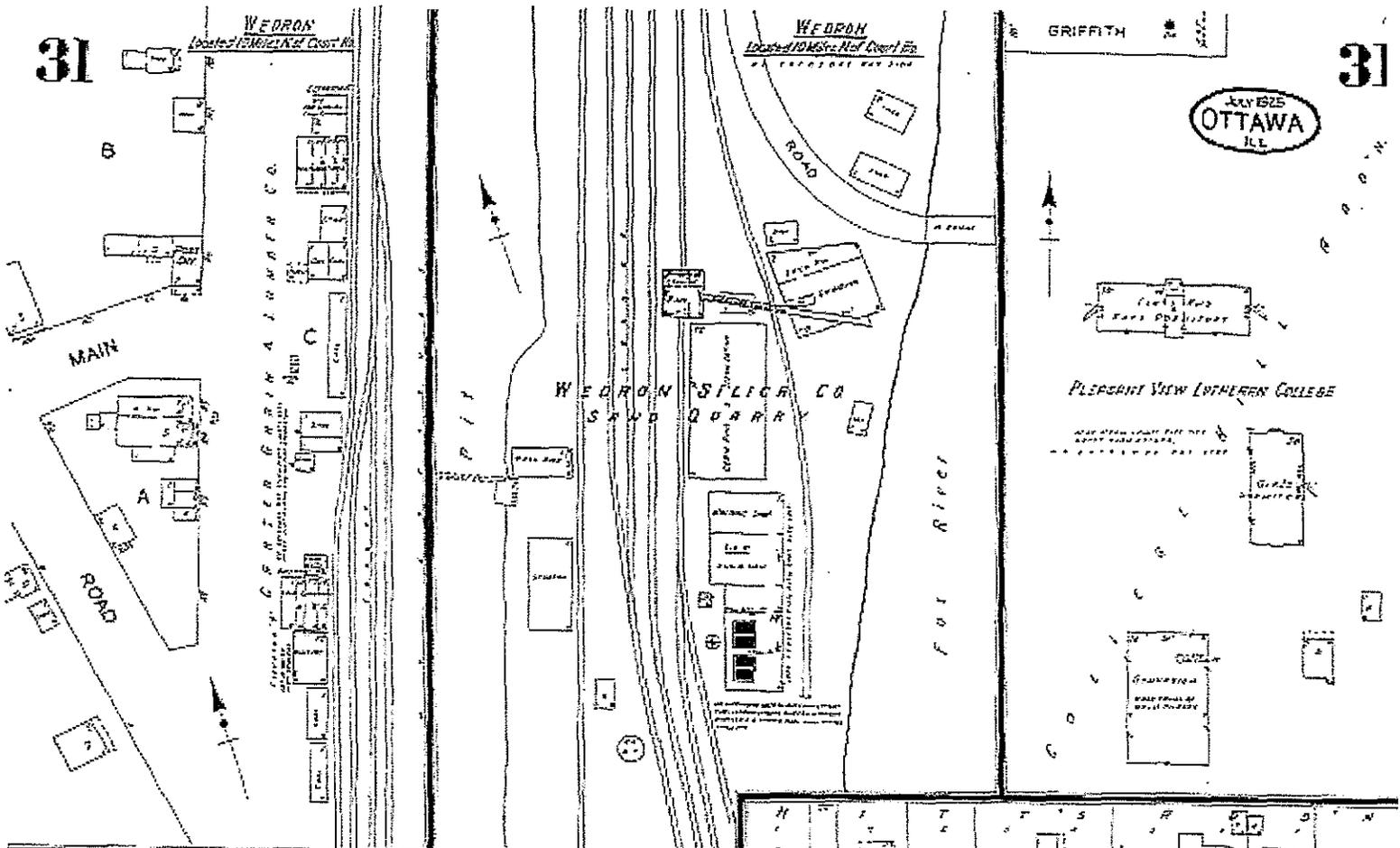


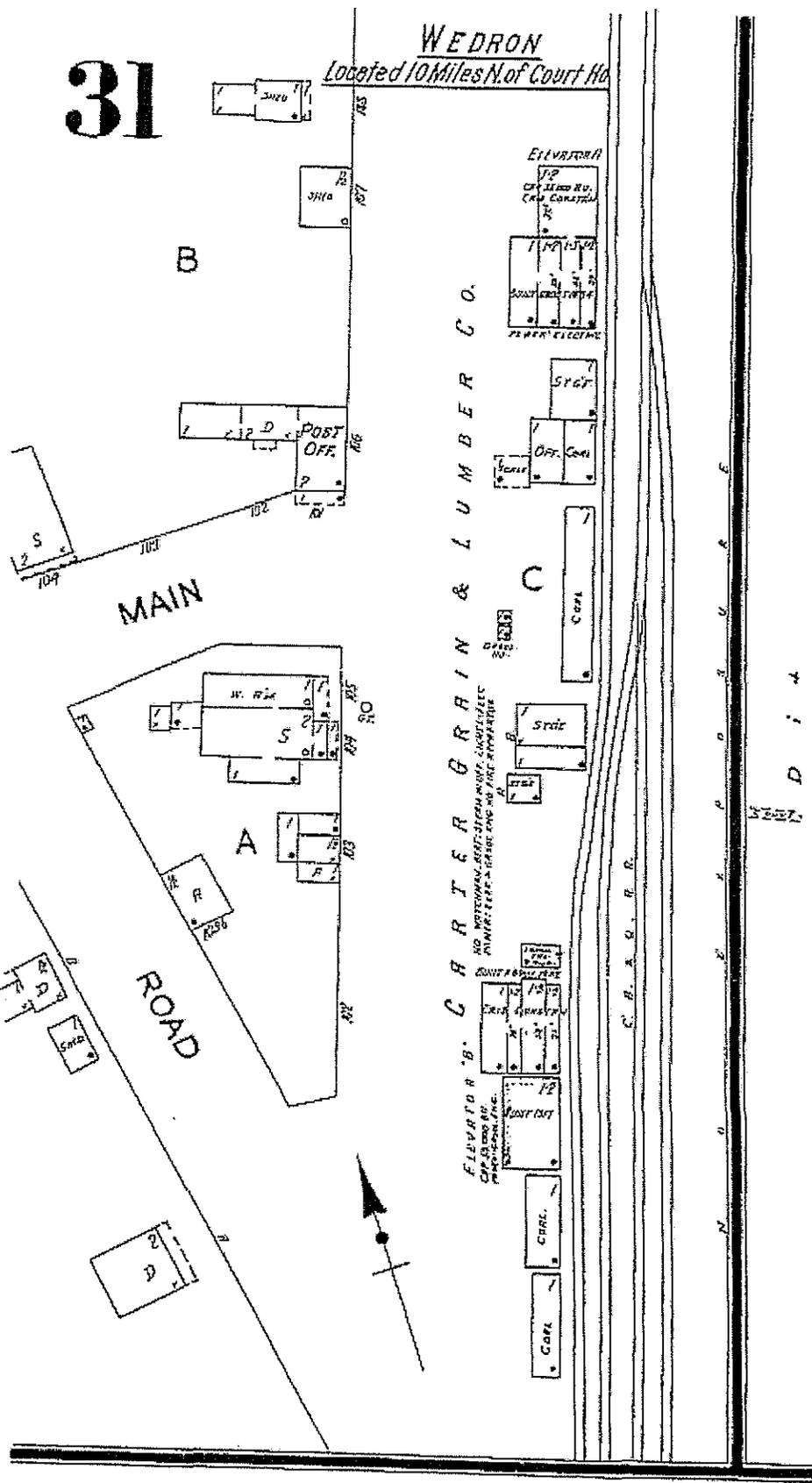


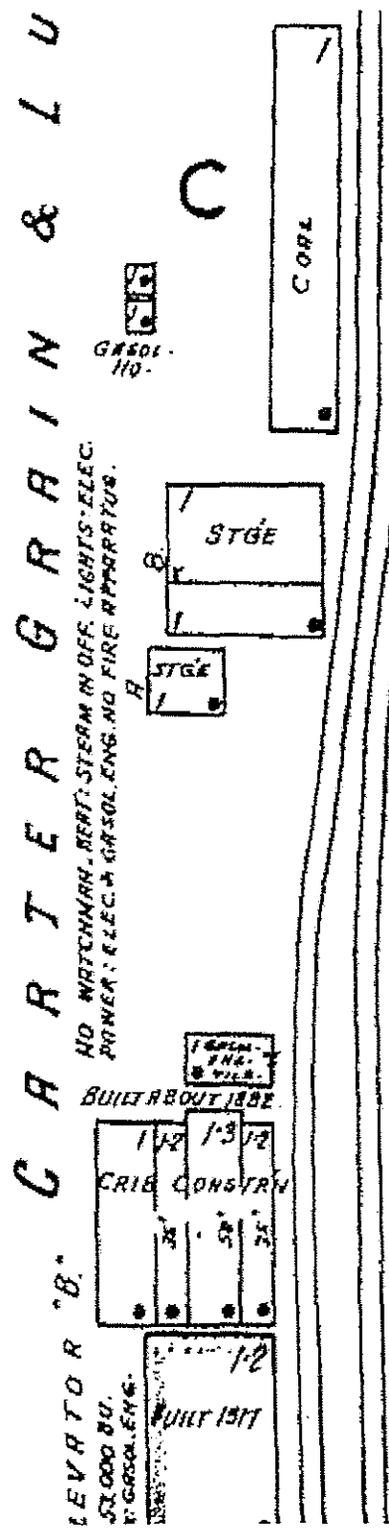
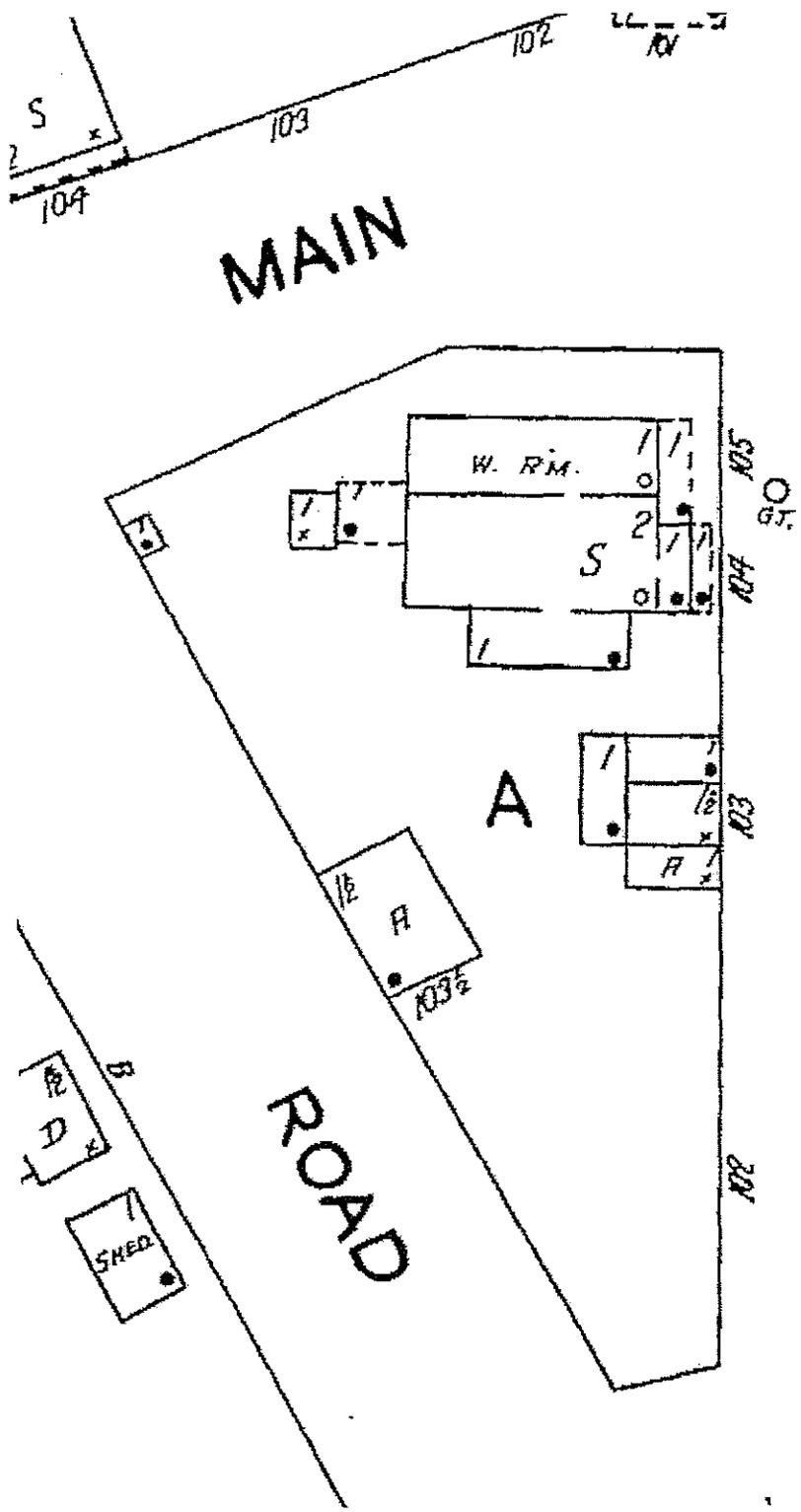


31

31



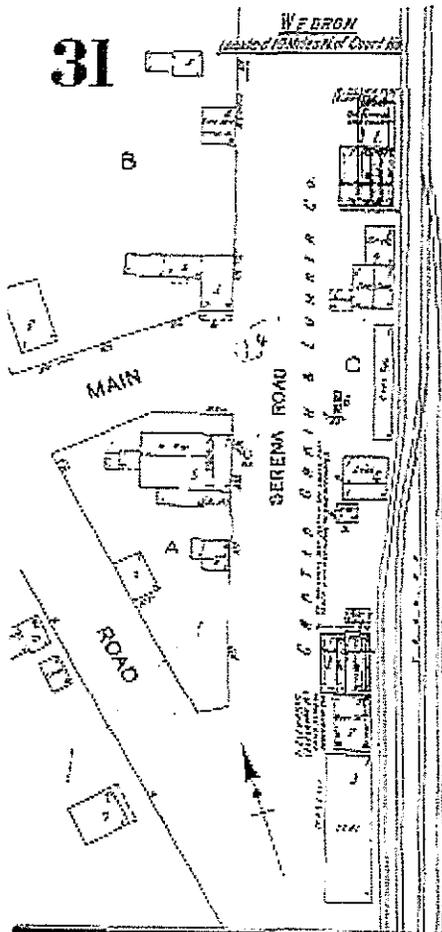




31

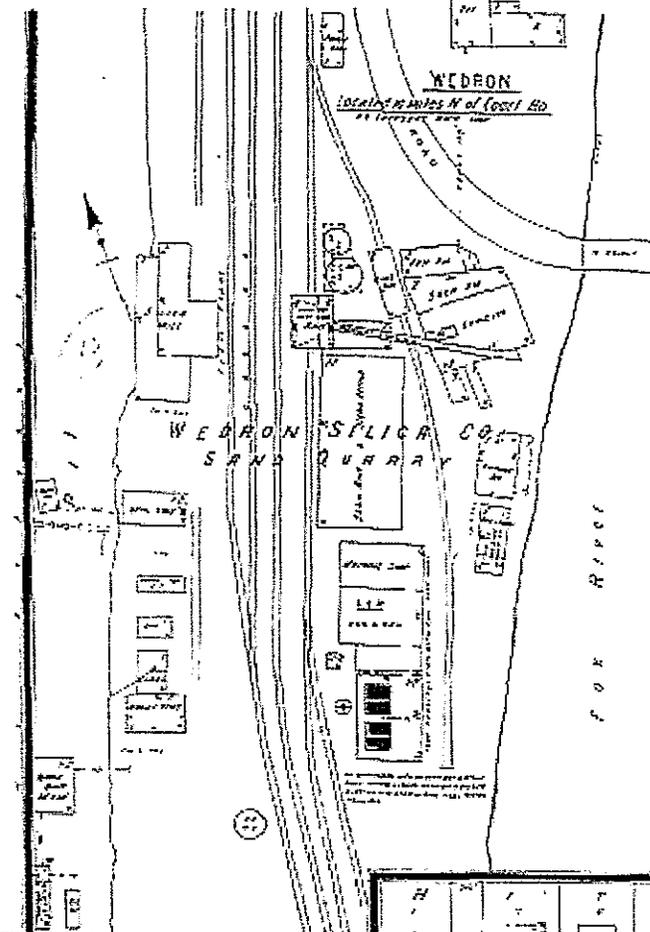
WEDRON

located 1 1/2 Miles West of Court Ho



WEDRON

located 1/2 Miles N. of Court Ho

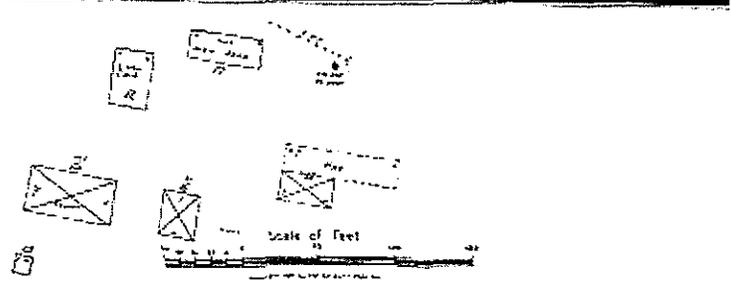
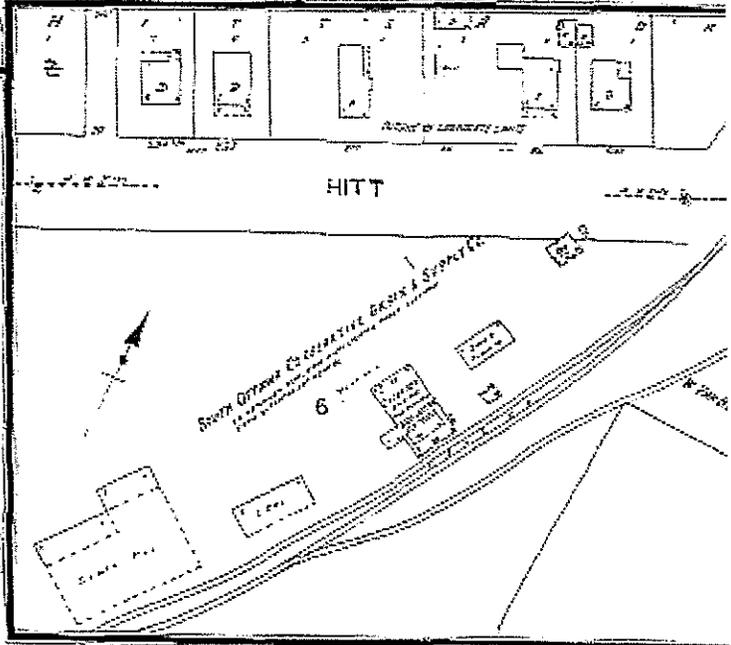
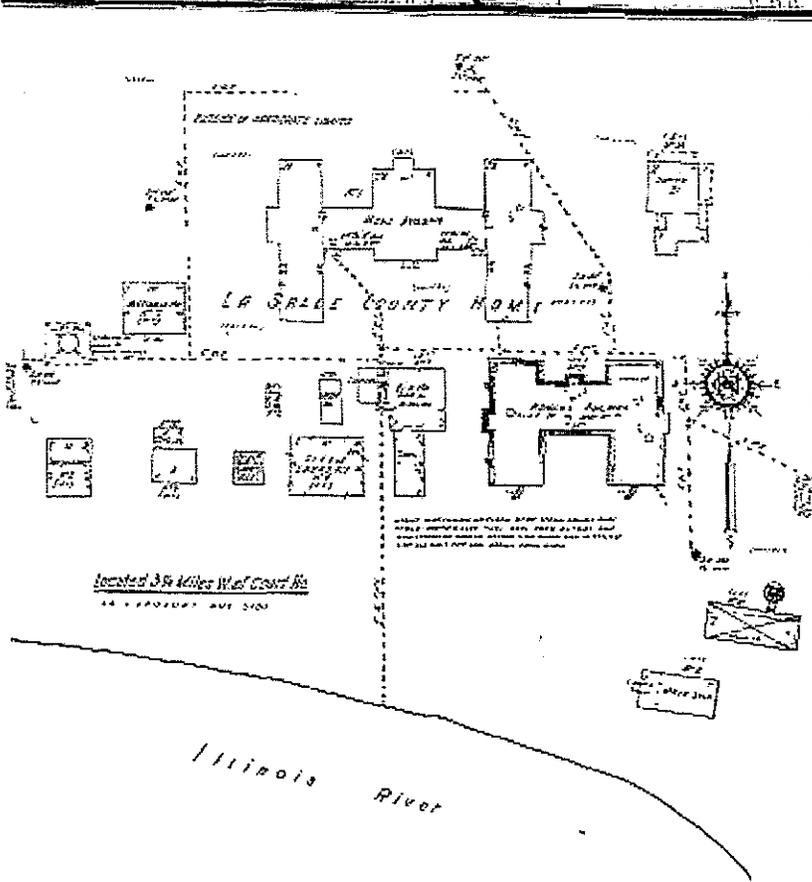
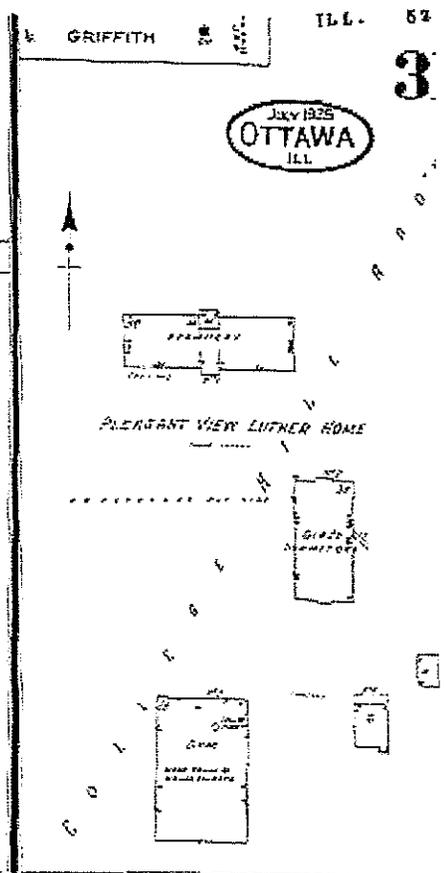


GRIFFITH

ILL. 52

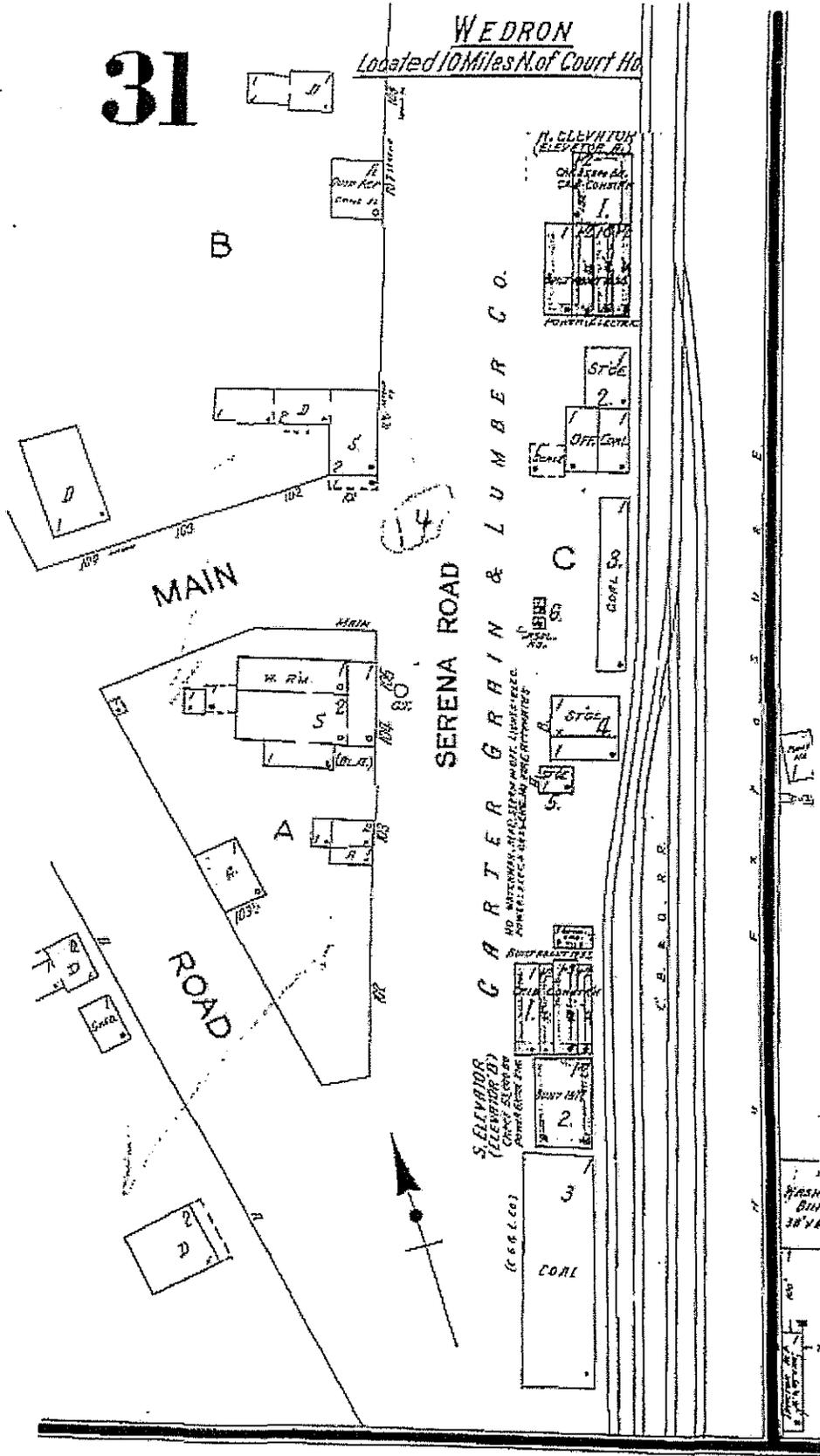
3

July 1928
OTTAWA
ILL.

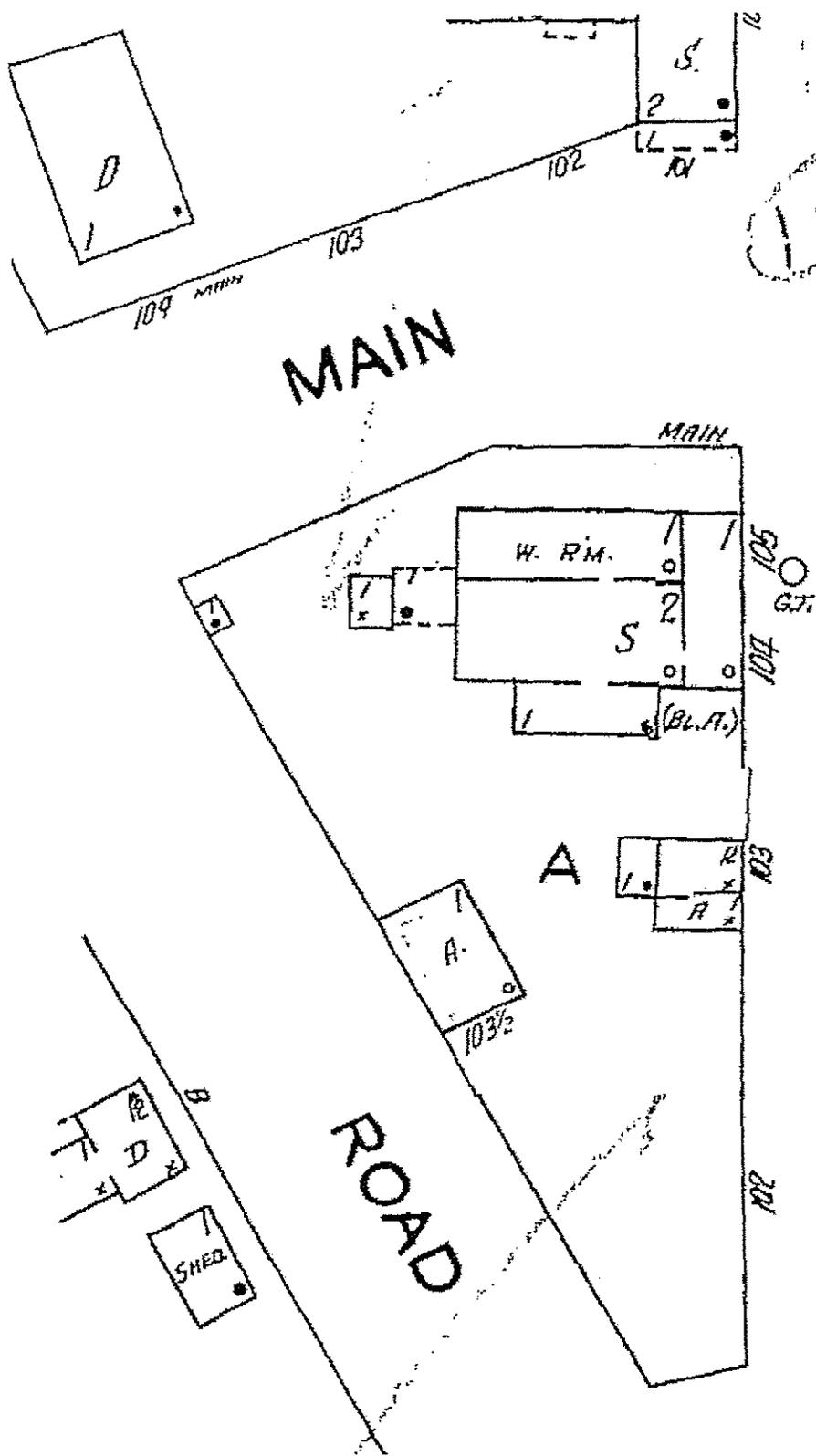


31

WEDRON
Located 10 Miles N. of Court Ho



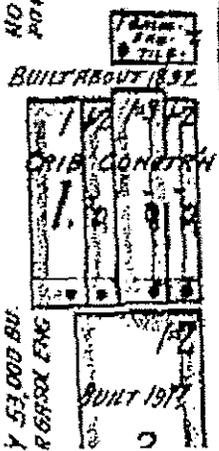
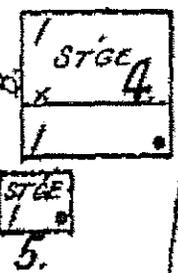
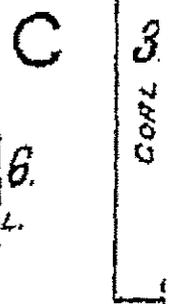
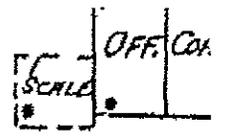
1949

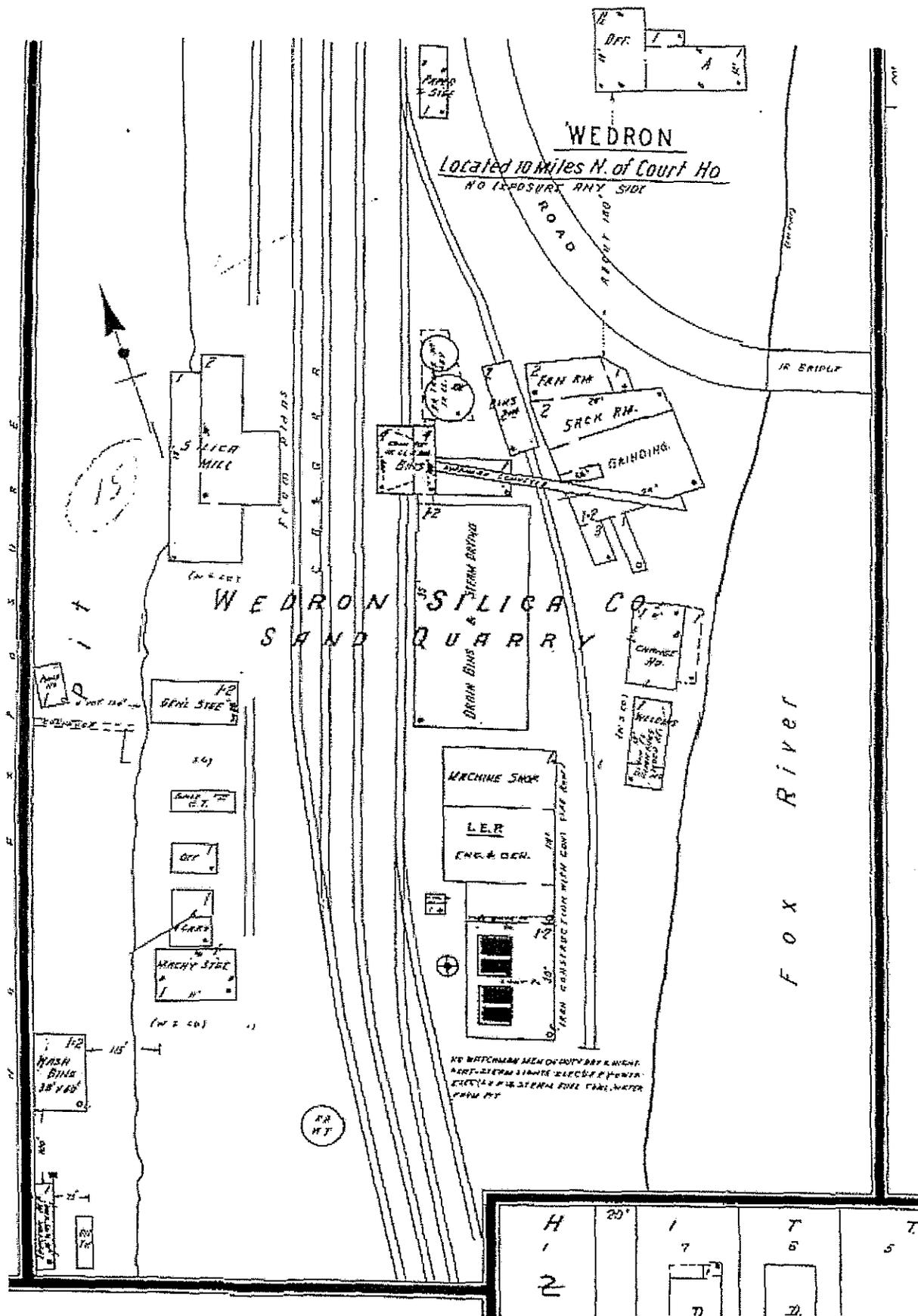


SERENA ROAD

CARRTER GRAM & LUMB

NO WATCHMAN, NEARLY SLEEP IN OFF. LIGHTS-ELEC. POWER; ELEC. & GRASSING AND FIRE APPARATUS





ATTACHMENT - D

Analytical Data Package

Illinois Environmental Protection Agency Chain of Custody

Preservative Codes	Container Description	Fund:	LPC #:	Locality:	Cooler Initially Sealed By:	Date Initially Sealed:
1. None 2. VOA-HCl 3. Metals-HNO ₃ 4. Cyanide-NAOH 5. Other 6. Other	Soil	VOC - 2 oz. glass (2) SVOC - 8 oz. glass (1) Pest/PCB - 8 oz. glass (1) Inorganics - 16 oz. glass (1)	VOC - 40 mL glass (3) SVOC, Pest/PCB - 40 oz. amber glass (1)* Inorganics - 1 qt. plastic (1)	0998-11-23 Weldon, IL		
	Aqueous					
		Section:	Site Name:	Project Manager:	Phone Number:	Initial Cooler Seal #:
			Mokey	Tom Smith		

Lab Sample No.	Parameter Group						Collection Information							Legal Hold Y or N
	SP	VOC	Pest/PCB	SVOC	PAH	Field Sample Number	Matrix	No. of Bottles	Date Collected	Time Collected (24 hr clock)	Sampler's Initials	Special Notations		
		X	X	X	X	X101A	soil	2	4/10/13	1450	JS	123 am P.D. [unclear]	Y	
		X	X	X	X	X101B	soil	2	4/10/13	1400	JS	290 am P.D. [unclear]	Y	
		X	X	X	X	X105	soil	2	4/10/13	1:30	TCW	30 am P.D. [unclear]	Y	
		X	X	X	X	X103A	soil	2	4/10/13	0905	JS	259 am P.D. [unclear]	Y	
	X	X	X	X	X	X103B	soil	3	4/10/13	0930	JS	257 am P.D. [unclear]	Y	
		X	X	X	X	X107A	soil	2	4/10/13	1145	JS		Y	
		X	X	X	X	X106A	soil	2	4/10/13	1100	JS	292 P.D. [unclear]	Y	
			X		X	X106B	soil	1	4/10/13	1135	TS		Y	
		X	X	X	X	X107A	soil	2	4/10/13	0300	JS	66 am P.D. [unclear]	Y	
		X	X	X	X	X107B	soil	2	4/10/13	0700	TS	35 am P.D. [unclear]	Y	
			X		X	X107C	soil	1	4/10/13	1210	JS		Y	
		X	X	X	X	X108A	soil	2	4/10/13	930	TCW	287 am P.D. [unclear]	Y	

Opener: I certify that I received the sample shipping container with the shipping container sealed and intact. Sealer: I certify that the samples listed above were collected in my presence and sealed by me.

Cooler opened by:	Seal No.:	Date:	Time:	Intact	Cooler Sealed By:	Seal No.:	Date:	Time:
				Y-N	Tony [unclear]	37495	5-27-13	1200
				Y-N				

I certify that I received the cooler containing the above samples with the seal(s) intact.

Received for Lab by:	Seal No.:	Date:	Time:	Intact	Sample Courier:
				Y-N	Turnaround Time Requested:
Lab Comments:					Samplers:

Supervisor Releasing Results	Date:
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Illinois Environmental Protection Agency Chain of Custody

Preservative Codes	Container Description	Fund:	LPC #:	Locality:	Cooler Initially Sealed By:	Date Initially Sealed:
1. None 2. VOA-HCl 3. Metals-HNO ₃ 4. Cyanide-NAOH 5. Other 6. Other	Soil	VOC - 40 mL glass (3) SVOC, Pest/PCB - 40 oz. amber glass (1)* Inorganics - 1 qt. plastic (1) * duplicate 1 out of 10	099829003	Warden, IL		
	Aqueous					
		Section:	Site Name:	Project Manager:	Phone Number:	Initial Cooler Seal #:
			Hexsey	Jim Salih		

Lab Sample No.	Parameter Group						Collection Information							Legal Hold Y or N	
	SP1 1705	SP2 1705	SP3 1705	SP4 1705	SP5 1705	SP6 1705	Field Sample Number	Matrix	No. of Bottles	Date Collected	Time Collected (24 hr clock)	Sampler's Initials	Special Notations		
															Y
				X	X	X	X	X102B	soil	2	5/22/13	1005	TRV	337 ppm P.D. 10/20/13	Y
				X	X	X	X	X158A	soil	2	5/22/13	930	TRV		Y
			X	X	X	X	X	X109	soil	3	5/22/13	1115	JS	363 ppm P.D. 10/20/13	Y
			X	X	X	X	X	X110A	soil	3	5/22/13	1505	TRV	350 ppm P.D. 10/20/13	Y
			X	X	X	X	X	X110B	soil	3	5/22/13	1520	TRV	425 ppm P.D. 10/20/13	Y
			Y	Y	X	X	X	X110C	soil	2	5/22/13	1535	TRV	436 ppm P.D. 10/20/13	Y
			X	X	X	X	X	X111A	soil	2	5/22/13	1750	TRV		Y
			Y	X	X	X	X	X111B	soil	2	5/22/13	1755	TRV	373 ppm P.D. 10/20/13	Y

Opener: I certify that I received the sample shipping container with the shipping container sealed and intact. Sealer: I certify that the samples listed above were collected in my presence and sealed by me.

Cooler opened by:	Seal No.:	Date:	Time:	Intact	Cooler Sealed By:	Seal No.:	Date:	Time:
				Y-N	Tony ...	34435	5-25-13	10:00
				Y-N				

I certify that I received the cooler containing the above samples with the seal(s) intact.

Received for Lab by:	Seal No.:	Date:	Time:	Intact	Sample Courier: <i>IEPA</i>
				Y-N	Turnaround Time Requested:

Lab Comments: Samplers:

Supervisor Releasing Results	Date:
------------------------------	-------

Illinois Environmental Protection Agency Chain of Custody

Preservative Codes 1. None 2. VOA-HCl 3. Metals-HNO3 4. Cyanide-NAOH 5. Other 6. Other	Container Description		Fund:	LPC #:	Locality:	Cooler Initially Sealed By:	Date Initially Sealed:
	Soil	Aqueous	LC 0071	0990290003	Wadron, IL		
VOC - 2 oz. glass (2) SVOC - 8 oz. glass (1) Pest/PCB - 8 oz. glass (1) Inorganics - 16 oz. glass (1)	VOC - 40 mL glass (3) SVOC, Pest/PCB - 40 oz. amber glass (1)* Inorganics - 1 qt. plastic (1) <small>* duplicate 1 out of 10</small>						
			Section:	Site Name:	Project Manager:	Phone Number:	Initial Cooler Seal #:
				Hoxsey	Jim Sulch		

Lab Sample No.	Parameter Group						Collection Information							Legal Hold
	Total Alkal	SVOC	VOC	Field Sample Number	Matrix	No. of Bottles	Date Collected	Time Collected (24 hr clock)	Sampler's Initials	Special Notations	Y or N			
											Y or N			
SE 31243-01	X	X	X	G-103	water	5	5/21/13	1150	TW	Strong odor				
-02	X	X	X	G-153	water	5	5/21/13	1150	TW	Strong odor				
-03			X	Field blank	water	2	5/21/13	1200	TW					
-04	X	X	X	Field blank	water	5	5/21/13	1250	TW					
-05	X	X	X	G-154	water	5	5/22/13	830	JS					
-06	X	X	X	G-108	water	10	5/22/13	1125	TW	Strong odor; MS/MSD				
-07	X	X	X	G-109	water	5	5/22/13	1430	TW	Strong odor				
-08	X	X	X	G-110	water	5	5/22/13	1650	TW	Strong odor				
-09	X	X	X	G-111	water	5	5/23/13	1010	TW					
-10	X	X	X	G-112	water	5	5/23/13	1050	TW					

Opener: I certify that I received the sample shipping container with the shipping container sealed and intact.					Sealer: I certify that the samples listed above were collected in my presence and sealed by me.				
Cooler opened by:	Seal No.:	Date:	Time:	Intact	Cooler Sealed By:	Seal No.:	Date:	Time:	
				Y-N	Tony Wasilewski	36441	5-23-13	1100	
I certify that I received the cooler containing the above samples with the seal(s) intact.									
Received for Lab by:	Seal No.:	Date:	Time:	Intact	Sample Courier:	IEPA			
Scott Clark	36-41	5/23/13	515	(Y-N)	Turnaround Time Requested:	IEPA - DIVISION OF RECORDS MANAGEMENT RELEASABLE			
Lab Comments:					Samplers:	AUG 05 2013			
Supervisor Releasing Results	CMC	Date:	7/9/13		REVIEWER MED				



Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X101A** Lab Sample ID: **SE31235-01**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/20/13 14:50

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/21/13 14:50

Units: ug/kg dry Analyzed: 05/28/13 14:37

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloromethane	ND		1.7	
Vinyl chloride	ND		1.7	
Bromomethane	ND		1.7	
Chloroethane	ND		1.7	
Trichlorofluoromethane	ND		1.7	
Acetone	ND	J5	8.7	
1,1-Dichloroethene	ND		1.7	
Methylene chloride	ND		4.4	
Carbon disulfide	4.1		1.7	
trans-1,2-Dichloroethene	ND		1.7	
Methyl tert-butyl ether	ND		1.7	
1,1-Dichloroethane	ND		1.7	
2-Butanone (MEK) *	ND		8.7	
cis-1,2-Dichloroethene	ND		1.7	
Bromochloromethane	ND		1.7	
Chloroform	ND		1.7	
2,2-Dichloropropane	ND		1.7	
1,2-Dichloroethane	ND		1.7	
1,1,1-Trichloroethane	ND		1.7	
1,1-Dichloropropene	ND		1.7	
Carbon tetrachloride	ND		1.7	
Benzene	ND		1.7	
Dibromomethane	ND		1.7	
1,2-Dichloropropane	ND		1.7	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X101A** Lab Sample ID: **SE31235-01**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/20/13 14:50

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/21/13 14:50

Units: ug/kg dry Analyzed: 05/28/13 14:37

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Trichloroethene	ND		1.7	
Bromodichloromethane	ND		1.7	
cis-1,3-Dichloropropene	ND		1.7	
4-Methyl-2-pentanone (MIBK)	ND		1.7	
trans-1,3-Dichloropropene	ND		1.7	
1,1,2-Trichloroethane	ND		1.7	
Toluene	22	J1, J2	1.7	
1,3-Dichloropropane	ND	J1, J2	1.7	
2-Hexanone (MBK) *	ND	J1, J2	1.7	
Dibromochloromethane	ND	J1, J2	1.7	
1,2-Dibromoethane	ND	J1, J2	1.7	
Tetrachloroethene	ND	J1, J2	1.7	
1,1,1,2-Tetrachloroethane	ND	J1, J2	1.7	
Chlorobenzene	ND	J1, J2	1.7	
Ethylbenzene	170	J1, J2, L	1.7	
Bromoform	ND	J1, J2	1.7	
Styrene	ND	J1, J2	1.7	
1,1,2,2-Tetrachloroethane	ND	J1, J2	1.7	
Xylenes, total	280	J1, J2	1.7	
1,2,3-Trichloropropane	ND	J1, J2	1.7	
Isopropylbenzene	170	J1, J2, L	1.7	
Bromobenzene	ND	J1, J2	1.7	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X101A** Lab Sample ID: **SE31235-01**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/20/13 14:50

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/03/13 19:15

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Pyridine	ND		58	
2-Picoline	ND		58	
Methyl methanesulfonate	ND		58	
Ethyl methanesulfonate	ND		58	
Phenol	ND		58	
Bis(2-chloroethyl)ether	ND		58	
2-Chlorophenol	ND		58	
1,3-Dichlorobenzene	ND		58	
1,4-Dichlorobenzene	ND		58	
1,2-Dichlorobenzene	ND		58	
2-Methylphenol	ND		58	
2,2-Oxybis(1-chloropropane)	ND		58	
Acetophenone	ND	J3	58	
4-Methylphenol	ND		58	
N-Nitrosodi-n-propylamine	ND		58	
Hexachloroethane	ND		58	
Nitrobenzene	ND	J3	58	
N-Nitrosopiperidine	ND		58	
Isophorone	ND		58	
2-Nitrophenol	ND		58	
2,4-Dimethylphenol	ND		58	
Bis(2-chloroethoxy)methane	ND		58	
2,4-Dichlorophenol	ND		58	
1,2,4-Trichlorobenzene	ND		58	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X101A** Lab Sample ID: **SE31235-01**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/20/13 14:50

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/03/13 19:15

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Naphthalene	320		58	
4-Chloroaniline	ND		58	
2,6-Dichlorophenol	ND		58	
Hexachloropropene	ND		58	
Hexachlorobutadiene	ND		58	
N-Nitrosodi-n-butylamine	ND		58	
4-Chloro-3-methylphenol	ND		58	
Isosafrole	ND		58	
2-Methylnaphthalene	2100		58	
1,2,4,5-Tetrachlorobenzene	ND		58	
Hexachlorocyclopentadiene	ND		200	
2,4,6-Trichlorophenol	ND	J3	58	
2,4,5-Trichlorophenol	ND		58	
Safrole	ND		58	
2-Chloronaphthalene	ND		58	
1-Chloronaphthalene	ND		58	
2-Nitroaniline	ND		58	
1,4-Dinitrobenzene	ND		58	
Dimethylphthalate	ND		58	
1,3-Dinitrobenzene *	ND		58	
2,6-Dinitrotoluene	ND		58	
Acenaphthylene	ND		58	
1,2-Dinitrobenzene	ND		58	
3-Nitroaniline	ND		58	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X101A** Lab Sample ID: **SE31235-01**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/20/13 14:50

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/03/13 19:15

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Acenaphthene	ND		58	
2,4-Dinitrophenol	ND		200	
4-Nitrophenol	ND		58	
Dibenzofuran	ND		58	
2,4-Dinitrotoluene	ND		58	
Pentachlorobenzene	ND		58	
1-Naphthylamine	ND		58	
2-Naphthylamine	ND		58	
2,3,4,6-Tetrachlorophenol	ND		58	
Diethylphthalate	ND		58	
4-Chlorophenyl phenyl ether	ND		58	
Fluorene	120		58	
4-Nitroaniline	ND		58	
4,6-Dinitro-2-methylphenol	ND		380	
Diphenylamine	ND		58	
Azobenzene *	ND		58	
Phenacetin	ND		58	
4-Bromophenyl phenyl ether	ND		58	
Hexachlorobenzene	ND		58	
Pentachlorophenol	ND		580	
Pronamide	ND		58	
Pentachloronitrobenzene	ND		58	
Phenanthrene	190		58	
Anthracene	ND		58	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X101A** Lab Sample ID: **SE31235-01**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/20/13 14:50

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/03/13 19:15

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Carbazole	ND		58	
4-Nitrobiphenyl	ND		58	
Di-n-butylphthalate	ND		58	
5-Nitroacenaphthene	ND		58	
Isodrin	ND		58	
Fluoranthene	ND		58	
Pyrene	ND		58	
p-Dimethylaminoazobenzene	ND		58	
Butyl benzyl phthalate	ND		58	
3,3-Dichlorobenzidine	ND		58	
Benzo(a)anthracene	ND		58	
Chrysene	ND		58	
Bis(2-ethylhexyl)phthalate	ND		200	
Mestranol	ND		58	
Di-n-octylphthalate	ND		58	
Benzo(b)fluoranthene	ND		58	
7,12-Dimethylbenzo(a)anthracene	ND		58	
Benzo(k)fluoranthene	ND		58	
Benzo(a)pyrene	ND		58	
Indeno(1,2,3-cd)pyrene	ND		58	
Dibenzo(a,h)anthracene	ND		58	
Benzo(ghi)perylene	ND		58	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X101A** Lab Sample ID: **SE31235-01**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/20/13 14:50

Sample Type: Sample Depth: Total Depth:

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 05/28/13 08:18

Units: mg/kg dry Analyzed: 05/31/13 09:58

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Aluminum	15000	J3	11.7	
Arsenic *	ND	B1	2.33	
Barium	54.0	J3	0.58	
Beryllium	0.45		0.12	
Boron	24.4	B2, J3	5.83	
Cadmium	6.25	B2, J3	0.58	
Calcium	43100	J3	35.0	
Chromium	19.6	J3	0.58	
Cobalt	7.47		1.17	
Copper	16.5	B1, J3	1.17	
Iron	20400	J3, J6	117	
Lead	36.7	B1, J3	0.58	
Magnesium	24000	J3	58.3	
Manganese	345		1.75	
Nickel	19.3	J3	0.58	
Potassium	3720	J3	233	
Silver	ND		0.58	
Sodium	ND	J3	233	
Strontium	29.3	J3	0.58	
Vanadium	26.9	B1, J3	0.58	
Zinc	48.8	B2, J3	5.83	
Antimony	ND	B2, J3	2.33	
Selenium *	ND	B1, J3	2.33	
Thallium	ND	B1	2.33	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X101A** Lab Sample ID: **SE31235-01**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/20/13 14:50

Sample Type: Sample Depth: Total Depth:

pH

Method: 9045C Prepared: 06/13/13 14:05

Units: PH Analyzed: 06/13/13 15:07

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Laboratory pH	7.1	Q	0.1	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X101B** Lab Sample ID: **SE31235-02**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/20/13 14:20

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/21/13 14:20

Units: ug/kg dry Analyzed: 05/28/13 15:14

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloromethane	ND		2.0	
Vinyl chloride	ND		2.0	
Bromomethane	ND		2.0	
Chloroethane	ND		2.0	
Trichlorofluoromethane	ND		2.0	
Acetone	ND	J5	10	
1,1-Dichloroethene	ND		2.0	
Methylene chloride	ND		5.1	
Carbon disulfide	ND		2.0	
trans-1,2-Dichloroethene	ND		2.0	
Methyl tert-butyl ether	ND		2.0	
1,1-Dichloroethane	ND		2.0	
2-Butanone (MEK) *	ND		10	
cis-1,2-Dichloroethene	ND		2.0	
Bromochloromethane	ND		2.0	
Chloroform	ND		2.0	
2,2-Dichloropropane	ND		2.0	
1,2-Dichloroethane	ND		2.0	
1,1,1-Trichloroethane	ND		2.0	
1,1-Dichloropropene	ND		2.0	
Carbon tetrachloride	ND		2.0	
Benzene	5.4		2.0	
Dibromomethane	ND		2.0	
1,2-Dichloropropane	ND		2.0	

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825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X101B** Lab Sample ID: **SE31235-02**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/20/13 14:20

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/21/13 14:20

Units: ug/kg dry Analyzed: 05/28/13 15:14

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Trichloroethene	ND		2.0	
Bromodichloromethane	ND		2.0	
cis-1,3-Dichloropropene	ND		2.0	
4-Methyl-2-pentanone (MIBK)	ND		2.0	
trans-1,3-Dichloropropene	ND		2.0	
1,1,2-Trichloroethane	ND		2.0	
Toluene	63		2.0	
1,3-Dichloropropane	ND		2.0	
2-Hexanone (MBK) *	ND		2.0	
Dibromochloromethane	ND		2.0	
1,2-Dibromoethane	ND		2.0	
Tetrachloroethene	ND		2.0	
1,1,1,2-Tetrachloroethane	ND		2.0	
Chlorobenzene	ND		2.0	
Ethylbenzene	200	L	2.0	
Bromoform	ND		2.0	
Styrene	ND		2.0	
1,1,2,2-Tetrachloroethane	ND		2.0	
Xylenes, total	610	L	2.0	
1,2,3-Trichloropropane	ND		2.0	
Isopropylbenzene	170		2.0	
Bromobenzene	ND		2.0	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X101B** Lab Sample ID: **SE31235-02**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/20/13 14:20

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/03/13 20:13

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Pyridine	ND		62	
2-Picoline	ND		62	
Methyl methanesulfonate	ND		62	
Ethyl methanesulfonate	ND		62	
Phenol	ND		62	
Bis(2-chloroethyl)ether	ND		62	
2-Chlorophenol	ND		62	
1,3-Dichlorobenzene	ND		62	
1,4-Dichlorobenzene	ND		62	
1,2-Dichlorobenzene	ND		62	
2-Methylphenol	ND		62	
2,2-Oxybis(1-chloropropane)	ND		62	
Acetophenone	80		62	
4-Methylphenol	ND		62	
N-Nitrosodi-n-propylamine	ND		62	
Hexachloroethane	ND		62	
Nitrobenzene	ND		62	
N-Nitrosopiperidine	ND		62	
Isophorone	ND		62	
2-Nitrophenol	ND		62	
2,4-Dimethylphenol	ND		62	
Bis(2-chloroethoxy)methane	ND		62	
2,4-Dichlorophenol	ND		62	
1,2,4-Trichlorobenzene	ND		62	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X101B** Lab Sample ID: **SE31235-02**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/20/13 14:20

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/03/13 20:13

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Naphthalene	970		62	
4-Chloroaniline	ND		62	
2,6-Dichlorophenol	ND		62	
Hexachloropropene	ND		62	
Hexachlorobutadiene	ND		62	
N-Nitrosodi-n-butylamine	ND		62	
4-Chloro-3-methylphenol	ND		62	
Isosafrole	ND		62	
2-Methylnaphthalene	420		62	
1,2,4,5-Tetrachlorobenzene	ND		62	
Hexachlorocyclopentadiene	ND		210	
2,4,6-Trichlorophenol	ND		62	
2,4,5-Trichlorophenol	ND		62	
Safrole	ND		62	
2-Chloronaphthalene	ND		62	
1-Chloronaphthalene	ND		62	
2-Nitroaniline	ND		62	
1,4-Dinitrobenzene	ND		62	
Dimethylphthalate	ND		62	
1,3-Dinitrobenzene *	ND		62	
2,6-Dinitrotoluene	ND		62	
Acenaphthylene	ND		62	
1,2-Dinitrobenzene	ND		62	
3-Nitroaniline	ND		62	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X101B** Lab Sample ID: **SE31235-02**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/20/13 14:20

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/03/13 20:13

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Acenaphthene	ND		62	
2,4-Dinitrophenol	ND		210	
4-Nitrophenol	ND		62	
Dibenzofuran	ND		62	
2,4-Dinitrotoluene	ND		62	
Pentachlorobenzene	ND		62	
1-Naphthylamine	ND		62	
2-Naphthylamine	ND		62	
2,3,4,6-Tetrachlorophenol	ND		62	
Diethylphthalate	ND		62	
4-Chlorophenyl phenyl ether	ND		62	
Fluorene	ND		62	
4-Nitroaniline	ND		62	
4,6-Dinitro-2-methylphenol	ND		410	
Diphenylamine	ND		62	
Azobenzene *	ND		62	
Phenacetin	ND		62	
4-Bromophenyl phenyl ether	ND		62	
Hexachlorobenzene	ND		62	
Pentachlorophenol	ND		620	
Pronamide	ND		62	
Pentachloronitrobenzene	ND		62	
Phenanthrene	ND		62	
Anthracene	ND		62	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X101B** Lab Sample ID: **SE31235-02**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/20/13 14:20

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/03/13 20:13

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Carbazole	ND		62	
4-Nitrobiphenyl	ND		62	
Di-n-butylphthalate	ND		62	
5-Nitroacenaphthene	ND		62	
Isodrin	ND		62	
Fluoranthene	ND		62	
Pyrene	ND		62	
p-Dimethylaminoazobenzene	ND		62	
Butyl benzyl phthalate	ND		62	
3,3-Dichlorobenzidine	ND		62	
Benzo(a)anthracene	ND		62	
Chrysene	ND		62	
Bis(2-ethylhexyl)phthalate	ND		210	
Mestranol	ND		62	
Di-n-octylphthalate	ND		62	
Benzo(b)fluoranthene	ND		62	
7,12-Dimethylbenzo(a)anthracene	ND		62	
Benzo(k)fluoranthene	ND		62	
Benzo(a)pyrene	ND		62	
Indeno(1,2,3-cd)pyrene	ND		62	
Dibenzo(a,h)anthracene	ND		62	
Benzo(ghi)perylene	ND		62	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X101B** Lab Sample ID: **SE31235-02**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/20/13 14:20

Sample Type: Sample Depth: Total Depth:

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 05/28/13 08:18

Units: mg/kg dry Analyzed: 05/31/13 10:01

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Aluminum	20100		12.4	
Arsenic *	ND	B1	2.49	
Barium	67.2		0.62	
Beryllium	0.67		0.12	
Boron	32.1	B2	6.22	
Cadmium	5.74	B2	0.62	
Calcium	49100		37.3	
Chromium	28.2		0.62	
Cobalt	10.7		1.24	
Copper	24.1	B1	1.24	
Iron	17400	J6	124	
Lead	8.71	B1	0.62	
Magnesium	26500		62.2	
Manganese	361		1.87	
Nickel	32.0		0.62	
Potassium	5350		249	
Silver	ND		0.62	
Sodium	279		249	
Strontium	40.8		0.62	
Vanadium	33.8	B1	0.62	
Zinc	60.3	B2	6.22	
Antimony	ND	B2	2.49	
Selenium *	ND	B1	2.49	
Thallium	ND	B1	2.49	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X101B** Lab Sample ID: **SE31235-02**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/20/13 14:20

Sample Type: Sample Depth: Total Depth:

pH

Method: 9045C Prepared: 06/13/13 14:05

Units: PH Analyzed: 06/13/13 15:07

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Laboratory pH	7.6	Q	0.1	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X105** Lab Sample ID: **SE31235-03**

Matrix: Soil Collected By: TONY WASILEWSKI Date/Time Collected: 05/21/13 13:45

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/21/13 13:45

Units: ug/kg dry Analyzed: 05/28/13 16:38

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloromethane	ND		2.1	
Vinyl chloride	ND		2.1	
Bromomethane	ND		2.1	
Chloroethane	ND		2.1	
Trichlorofluoromethane	ND		2.1	
Acetone	78	J6, M	10	
1,1-Dichloroethene	ND		2.1	
Methylene chloride	ND		5.2	
Carbon disulfide	ND		2.1	
trans-1,2-Dichloroethene	ND		2.1	
Methyl tert-butyl ether	ND		2.1	
1,1-Dichloroethane	ND		2.1	
2-Butanone (MEK) *	ND		10	
cis-1,2-Dichloroethene	ND		2.1	
Bromochloromethane	ND		2.1	
Chloroform	ND		2.1	
2,2-Dichloropropane	ND		2.1	
1,2-Dichloroethane	ND		2.1	
1,1,1-Trichloroethane	ND		2.1	
1,1-Dichloropropene	ND		2.1	
Carbon tetrachloride	ND		2.1	
Benzene	3.6		2.1	
Dibromomethane	ND		2.1	
1,2-Dichloropropane	ND		2.1	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X105** Lab Sample ID: **SE31235-03**

Matrix: Soil Collected By: TONY WASILEWSKI Date/Time Collected: 05/21/13 13:45

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/21/13 13:45

Units: ug/kg dry Analyzed: 05/28/13 16:38

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Trichloroethene	ND		2.1	
Bromodichloromethane	ND		2.1	
cis-1,3-Dichloropropene	ND		2.1	
4-Methyl-2-pentanone (MIBK)	ND		2.1	
trans-1,3-Dichloropropene	ND		2.1	
1,1,2-Trichloroethane	ND		2.1	
Toluene	9.3		2.1	
1,3-Dichloropropane	ND		2.1	
2-Hexanone (MBK) *	ND		2.1	
Dibromochloromethane	ND		2.1	
1,2-Dibromoethane	ND		2.1	
Tetrachloroethene	ND		2.1	
1,1,1,2-Tetrachloroethane	ND		2.1	
Chlorobenzene	ND		2.1	
Ethylbenzene	4.1		2.1	
Bromoform	ND		2.1	
Styrene	ND		2.1	
1,1,2,2-Tetrachloroethane	ND		2.1	
Xylenes, total	9.8		2.1	
1,2,3-Trichloropropane	ND		2.1	
Isopropylbenzene	ND		2.1	
Bromobenzene	ND		2.1	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X105** Lab Sample ID: **SE31235-03**

Matrix: Soil Collected By: TONY WASILEWSKI Date/Time Collected: 05/21/13 13:45

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/03/13 21:12

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Pyridine	ND		59	
2-Picoline	ND		59	
Methyl methanesulfonate	ND		59	
Ethyl methanesulfonate	ND		59	
Phenol	ND		59	
Bis(2-chloroethyl)ether	ND		59	
2-Chlorophenol	ND		59	
1,3-Dichlorobenzene	ND		59	
1,4-Dichlorobenzene	ND		59	
1,2-Dichlorobenzene	ND		59	
2-Methylphenol	ND		59	
2,2-Oxybis(1-chloropropane)	ND		59	
Acetophenone	ND		59	
4-Methylphenol	ND		59	
N-Nitrosodi-n-propylamine	ND		59	
Hexachloroethane	ND		59	
Nitrobenzene	ND		59	
N-Nitrosopiperidine	ND		59	
Isophorone	ND		59	
2-Nitrophenol	ND		59	
2,4-Dimethylphenol	ND		59	
Bis(2-chloroethoxy)methane	ND		59	
2,4-Dichlorophenol	ND		59	
1,2,4-Trichlorobenzene	ND		59	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X105** Lab Sample ID: **SE31235-03**

Matrix: Soil Collected By: TONY WASILEWSKI Date/Time Collected: 05/21/13 13:45

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/03/13 21:12

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Naphthalene	220		59	
4-Chloroaniline	ND		59	
2,6-Dichlorophenol	ND		59	
Hexachloropropene	ND		59	
Hexachlorobutadiene	ND		59	
N-Nitrosodi-n-butylamine	ND		59	
4-Chloro-3-methylphenol	ND		59	
Isosafrole	ND		59	
2-Methylnaphthalene	290		59	
1,2,4,5-Tetrachlorobenzene	ND		59	
Hexachlorocyclopentadiene	ND		200	
2,4,6-Trichlorophenol	ND		59	
2,4,5-Trichlorophenol	ND		59	
Safrole	ND		59	
2-Chloronaphthalene	ND		59	
1-Chloronaphthalene	ND		59	
2-Nitroaniline	ND		59	
1,4-Dinitrobenzene	ND		59	
Dimethylphthalate	ND		59	
1,3-Dinitrobenzene *	ND		59	
2,6-Dinitrotoluene	ND		59	
Acenaphthylene	ND		59	
1,2-Dinitrobenzene	ND		59	
3-Nitroaniline	ND		59	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X105** Lab Sample ID: **SE31235-03**

Matrix: Soil Collected By: TONY WASILEWSKI Date/Time Collected: 05/21/13 13:45

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/03/13 21:12

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Acenaphthene	ND		59	
2,4-Dinitrophenol	ND		200	
4-Nitrophenol	ND		59	
Dibenzofuran	ND		59	
2,4-Dinitrotoluene	ND		59	
Pentachlorobenzene	ND		59	
1-Naphthylamine	ND		59	
2-Naphthylamine	ND		59	
2,3,4,6-Tetrachlorophenol	ND		59	
Diethylphthalate	ND		59	
4-Chlorophenyl phenyl ether	ND		59	
Fluorene	ND		59	
4-Nitroaniline	ND		59	
4,6-Dinitro-2-methylphenol	ND		390	
Diphenylamine	ND		59	
Azobenzene *	ND		59	
Phenacetin	ND		59	
4-Bromophenyl phenyl ether	ND		59	
Hexachlorobenzene	ND		59	
Pentachlorophenol	ND		590	
Pronamide	ND		59	
Pentachloronitrobenzene	ND		59	
Phenanthrene	ND		59	
Anthracene	ND		59	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X105** Lab Sample ID: **SE31235-03**

Matrix: Soil Collected By: TONY WASILEWSKI Date/Time Collected: 05/21/13 13:45

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/03/13 21:12

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Carbazole	ND		59	
4-Nitrobiphenyl	ND		59	
Di-n-butylphthalate	ND		59	
5-Nitroacenaphthene	ND		59	
Isodrin	ND		59	
Fluoranthene	ND		59	
Pyrene	ND		59	
p-Dimethylaminoazobenzene	ND		59	
Butyl benzyl phthalate	ND		59	
3,3-Dichlorobenzidine	ND		59	
Benzo(a)anthracene	ND		59	
Chrysene	ND		59	
Bis(2-ethylhexyl)phthalate	ND		200	
Mestranol	ND		59	
Di-n-octylphthalate	ND		59	
Benzo(b)fluoranthene	ND		59	
7,12-Dimethylbenzo(a)anthracene	ND		59	
Benzo(k)fluoranthene	ND		59	
Benzo(a)pyrene	ND		59	
Indeno(1,2,3-cd)pyrene	ND		59	
Dibenzo(a,h)anthracene	ND		59	
Benzo(ghi)perylene	ND		59	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X105** Lab Sample ID: **SE31235-03**

Matrix: Soil Collected By: TONY WASILEWSKI Date/Time Collected: 05/21/13 13:45

Sample Type: Sample Depth: Total Depth:

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 05/28/13 08:18

Units: mg/kg dry Analyzed: 05/31/13 10:04

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Aluminum	1850		11.9	
Arsenic *	ND	B1	2.37	
Barium	9.13		0.59	
Beryllium	ND		0.12	
Boron	ND	B2	5.94	
Cadmium	1.40	B2	0.59	
Calcium	31900		35.6	
Chromium	4.19		0.59	
Cobalt	1.84		1.19	
Copper	3.83	B1	1.19	
Iron	4520	J6	119	
Lead	1.91	B1	0.59	
Magnesium	14900		59.4	
Manganese	119		1.78	
Nickel	4.94		0.59	
Potassium	445		237	
Silver	ND		0.59	
Sodium	ND		237	
Strontium	15.4		0.59	
Vanadium	6.90	B1	0.59	
Zinc	25.5	B2	5.94	
Antimony	ND	B2	2.37	
Selenium *	ND	B1	2.37	
Thallium	ND	B1	2.37	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X105** Lab Sample ID: **SE31235-03**

Matrix: Soil Collected By: TONY WASILEWSKI Date/Time Collected: 05/21/13 13:45

Sample Type: Sample Depth: Total Depth:

pH

Method: 9045C Prepared: 06/13/13 14:05

Units: PH Analyzed: 06/13/13 15:07

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Laboratory pH	7.8	Q	0.1	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X103A** Lab Sample ID: **SE31235-04**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/21/13 9:05

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/21/13 09:05

Units: ug/kg dry Analyzed: 05/28/13 17:13

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloromethane	ND		1.7	
Vinyl chloride	ND		1.7	
Bromomethane	ND		1.7	
Chloroethane	ND		1.7	
Trichlorofluoromethane	ND		1.7	
Acetone	ND	J5	8.7	
1,1-Dichloroethene	ND		1.7	
Methylene chloride	ND		4.3	
Carbon disulfide	ND		1.7	
trans-1,2-Dichloroethene	ND		1.7	
Methyl tert-butyl ether	ND		1.7	
1,1-Dichloroethane	ND		1.7	
2-Butanone (MEK) *	ND		8.7	
cis-1,2-Dichloroethene	ND		1.7	
Bromochloromethane	ND		1.7	
Chloroform	ND		1.7	
2,2-Dichloropropane	ND		1.7	
1,2-Dichloroethane	ND	J2	1.7	
1,1,1-Trichloroethane	ND	J2	1.7	
1,1-Dichloropropene	ND	J2	1.7	
Carbon tetrachloride	ND	J2	1.7	
Benzene	ND	J2	1.7	
Dibromomethane	ND	J2	1.7	
1,2-Dichloropropane	ND	J2	1.7	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X103A** Lab Sample ID: **SE31235-04**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/21/13 9:05

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/21/13 09:05

Units: ug/kg dry Analyzed: 05/28/13 17:13

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Trichloroethene	ND	J2	1.7	
Bromodichloromethane	ND	J2	1.7	
cis-1,3-Dichloropropene	ND	J2	1.7	
4-Methyl-2-pentanone (MIBK)	ND	J2	1.7	
trans-1,3-Dichloropropene	ND	J2	1.7	
1,1,2-Trichloroethane	ND	J2	1.7	
Toluene	ND	J2, J1	1.7	
1,3-Dichloropropane	ND	J2, J1	1.7	
2-Hexanone (MBK) *	ND	J2, J1	1.7	
Dibromochloromethane	ND	J2, J1	1.7	
1,2-Dibromoethane	ND	J2, J1	1.7	
Tetrachloroethene	ND	J2, J1	1.7	
1,1,1,2-Tetrachloroethane	ND	J2, J1	1.7	
Chlorobenzene	ND	J2, J1	1.7	
Ethylbenzene	41	J2, J1	1.7	
Bromoform	ND	J2, J1	1.7	
Styrene	ND	J2, J1	1.7	
1,1,2,2-Tetrachloroethane	ND	J2, J1	1.7	
Xylenes, total	54	J1, J2	1.7	
1,2,3-Trichloropropane	ND	J1, J2	1.7	
Isopropylbenzene	90	J1, J2	1.7	
Bromobenzene	ND	J1, J2	1.7	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X103A** Lab Sample ID: **SE31235-04**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/21/13 9:05

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/03/13 22:10

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Pyridine	ND		55	
2-Picoline	ND		55	
Methyl methanesulfonate	ND		55	
Ethyl methanesulfonate	ND		55	
Phenol	ND		55	
Bis(2-chloroethyl)ether	ND		55	
2-Chlorophenol	ND		55	
1,3-Dichlorobenzene	ND		55	
1,4-Dichlorobenzene	ND		55	
1,2-Dichlorobenzene	ND		55	
2-Methylphenol	ND		55	
2,2-Oxybis(1-chloropropane)	ND		55	
Acetophenone	ND		55	
4-Methylphenol	ND		55	
N-Nitrosodi-n-propylamine	ND		55	
Hexachloroethane	ND		55	
Nitrobenzene	ND		55	
N-Nitrosopiperidine	ND		55	
Isophorone	ND		55	
2-Nitrophenol	ND		55	
2,4-Dimethylphenol	ND		55	
Bis(2-chloroethoxy)methane	ND		55	
2,4-Dichlorophenol	ND		55	
1,2,4-Trichlorobenzene	ND		55	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X103A** Lab Sample ID: **SE31235-04**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/21/13 9:05

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/03/13 22:10

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Naphthalene	ND		55	
4-Chloroaniline	ND		55	
2,6-Dichlorophenol	ND		55	
Hexachloropropene	ND		55	
Hexachlorobutadiene	ND		55	
N-Nitrosodi-n-butylamine	ND		55	
4-Chloro-3-methylphenol	ND		55	
Isosafrole	ND		55	
2-Methylnaphthalene	960		55	
1,2,4,5-Tetrachlorobenzene	ND		55	
Hexachlorocyclopentadiene	ND		190	
2,4,6-Trichlorophenol	ND		55	
2,4,5-Trichlorophenol	ND		55	
Safrole	ND		55	
2-Chloronaphthalene	ND		55	
1-Chloronaphthalene	ND		55	
2-Nitroaniline	ND		55	
1,4-Dinitrobenzene	ND		55	
Dimethylphthalate	ND		55	
1,3-Dinitrobenzene *	ND		55	
2,6-Dinitrotoluene	ND		55	
Acenaphthylene	ND		55	
1,2-Dinitrobenzene	ND		55	
3-Nitroaniline	ND		55	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X103A** Lab Sample ID: **SE31235-04**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/21/13 9:05

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/03/13 22:10

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Acenaphthene	ND		55	
2,4-Dinitrophenol	ND		190	
4-Nitrophenol	ND		55	
Dibenzofuran	ND		55	
2,4-Dinitrotoluene	ND		55	
Pentachlorobenzene	ND		55	
1-Naphthylamine	ND		55	
2-Naphthylamine	ND		55	
2,3,4,6-Tetrachlorophenol	ND		55	
Diethylphthalate	ND		55	
4-Chlorophenyl phenyl ether	ND		55	
Fluorene	ND		55	
4-Nitroaniline	ND		55	
4,6-Dinitro-2-methylphenol	ND		360	
Diphenylamine	ND		55	
Azobenzene *	ND		55	
Phenacetin	ND		55	
4-Bromophenyl phenyl ether	ND		55	
Hexachlorobenzene	ND		55	
Pentachlorophenol	ND		550	
Pronamide	ND		55	
Pentachloronitrobenzene	ND		55	
Phenanthrene	95		55	
Anthracene	ND		55	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X103A** Lab Sample ID: **SE31235-04**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/21/13 9:05

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/03/13 22:10

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Carbazole	ND		55	
4-Nitrobiphenyl	ND		55	
Di-n-butylphthalate	ND		55	
5-Nitroacenaphthene	ND		55	
Isodrin	ND		55	
Fluoranthene	ND		55	
Pyrene	ND		55	
p-Dimethylaminoazobenzene	ND		55	
Butyl benzyl phthalate	ND		55	
3,3-Dichlorobenzidine	ND		55	
Benzo(a)anthracene	ND		55	
Chrysene	ND		55	
Bis(2-ethylhexyl)phthalate	ND		190	
Mestranol	ND		55	
Di-n-octylphthalate	ND		55	
Benzo(b)fluoranthene	ND		55	
7,12-Dimethylbenzo(a)anthracene	ND		55	
Benzo(k)fluoranthene	ND		55	
Benzo(a)pyrene	ND		55	
Indeno(1,2,3-cd)pyrene	ND		55	
Dibenzo(a,h)anthracene	ND		55	
Benzo(ghi)perylene	ND		55	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X103A** Lab Sample ID: **SE31235-04**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/21/13 9:05

Sample Type: Sample Depth: Total Depth:

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 05/28/13 08:18

Units: mg/kg dry Analyzed: 05/31/13 10:07

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Aluminum	2560		11.0	
Arsenic *	ND	B1	2.20	
Barium	10.6		0.55	
Beryllium	ND		0.11	
Boron	7.08	B2	5.50	
Cadmium	2.39	B2	0.55	
Calcium	57800		33.0	
Chromium	8.55		0.55	
Cobalt	1.93		1.10	
Copper	4.81	B1	1.10	
Iron	7800	J6	110	
Lead	14.3	B1	0.55	
Magnesium	31900		55.0	
Manganese	252		1.65	
Nickel	5.15		0.55	
Potassium	659		220	
Silver	ND		0.55	
Sodium	ND		220	
Strontium	23.5		0.55	
Vanadium	8.38	B1	0.55	
Zinc	14.1	B2	5.50	
Antimony	ND	B2	2.20	
Selenium *	ND	B1	2.20	
Thallium	ND	B1	2.20	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X103A** Lab Sample ID: **SE31235-04**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/21/13 9:05

Sample Type: Sample Depth: Total Depth:

pH

Method: 9045C Prepared: 06/13/13 14:05

Units: PH Analyzed: 06/13/13 15:07

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Laboratory pH	7.8	Q	0.1	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X103B** Lab Sample ID: **SE31235-05**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/21/13 9:50

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/03/13 23:08

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Pyridine	ND		56	
2-Picoline	ND		56	
Methyl methanesulfonate	ND		56	
Ethyl methanesulfonate	ND		56	
Phenol	ND		56	
Bis(2-chloroethyl)ether	ND		56	
2-Chlorophenol	ND		56	
1,3-Dichlorobenzene	ND		56	
1,4-Dichlorobenzene	ND		56	
1,2-Dichlorobenzene	ND		56	
2-Methylphenol	ND		56	
2,2-Oxybis(1-chloropropane)	ND		56	
Acetophenone	ND		56	
4-Methylphenol	ND		56	
N-Nitrosodi-n-propylamine	ND		56	
Hexachloroethane	ND		56	
Nitrobenzene	ND		56	
N-Nitrosopiperidine	ND		56	
Isophorone	ND		56	
2-Nitrophenol	ND		56	
2,4-Dimethylphenol	ND		56	
Bis(2-chloroethoxy)methane	ND		56	
2,4-Dichlorophenol	ND		56	
1,2,4-Trichlorobenzene	ND		56	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X103B** Lab Sample ID: **SE31235-05**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/21/13 9:50

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/03/13 23:08

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Naphthalene	1700		56	
4-Chloroaniline	ND		56	
2,6-Dichlorophenol	ND		56	
Hexachloropropene	ND		56	
Hexachlorobutadiene	ND		56	
N-Nitrosodi-n-butylamine	ND		56	
4-Chloro-3-methylphenol	ND		56	
Isosafrole	ND		56	
2-Methylnaphthalene	1700		56	
1,2,4,5-Tetrachlorobenzene	ND		56	
Hexachlorocyclopentadiene	ND		190	
2,4,6-Trichlorophenol	ND		56	
2,4,5-Trichlorophenol	ND		56	
Safrole	ND		56	
2-Chloronaphthalene	ND		56	
1-Chloronaphthalene	ND		56	
2-Nitroaniline	ND		56	
1,4-Dinitrobenzene	ND		56	
Dimethylphthalate	ND		56	
1,3-Dinitrobenzene *	ND		56	
2,6-Dinitrotoluene	ND		56	
Acenaphthylene	ND		56	
1,2-Dinitrobenzene	ND		56	
3-Nitroaniline	ND		56	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X103B** Lab Sample ID: **SE31235-05**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/21/13 9:50

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/03/13 23:08

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Acenaphthene	ND		56	
2,4-Dinitrophenol	ND		190	
4-Nitrophenol	ND		56	
Dibenzofuran	ND		56	
2,4-Dinitrotoluene	ND		56	
Pentachlorobenzene	ND		56	
1-Naphthylamine	ND		56	
2-Naphthylamine	ND		56	
2,3,4,6-Tetrachlorophenol	ND		56	
Diethylphthalate	ND		56	
4-Chlorophenyl phenyl ether	ND		56	
Fluorene	60		56	
4-Nitroaniline	ND		56	
4,6-Dinitro-2-methylphenol	ND		370	
Diphenylamine	ND		56	
Azobenzene *	ND		56	
Phenacetin	ND		56	
4-Bromophenyl phenyl ether	ND		56	
Hexachlorobenzene	ND		56	
Pentachlorophenol	ND		560	
Pronamide	ND		56	
Pentachloronitrobenzene	ND		56	
Phenanthrene	99		56	
Anthracene	ND		56	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X103B** Lab Sample ID: **SE31235-05**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/21/13 9:50

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/03/13 23:08

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Carbazole	ND		56	
4-Nitrobiphenyl	ND		56	
Di-n-butylphthalate	ND		56	
5-Nitroacenaphthene	ND		56	
Isodrin	ND		56	
Fluoranthene	ND		56	
Pyrene	ND		56	
p-Dimethylaminoazobenzene	ND		56	
Butyl benzyl phthalate	ND		56	
3,3-Dichlorobenzidine	ND		56	
Benzo(a)anthracene	ND		56	
Chrysene	ND		56	
Bis(2-ethylhexyl)phthalate	ND		190	
Mestranol	ND		56	
Di-n-octylphthalate	ND		56	
Benzo(b)fluoranthene	ND		56	
7,12-Dimethylbenzo(a)anthracene	ND		56	
Benzo(k)fluoranthene	ND		56	
Benzo(a)pyrene	ND		56	
Indeno(1,2,3-cd)pyrene	ND		56	
Dibenzo(a,h)anthracene	ND		56	
Benzo(ghi)perylene	ND		56	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X103B** Lab Sample ID: **SE31235-05**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/21/13 9:50

Sample Type: Sample Depth: Total Depth:

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 05/28/13 08:18

Units: mg/kg dry Analyzed: 05/31/13 10:11

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Aluminium	2800		11.1	
Arsenic *	ND	B1	2.22	
Barium	14.2		0.56	
Beryllium	ND		0.11	
Boron	6.19	B2	5.55	
Cadmium	1.76	B2	0.56	
Calcium	41800		33.3	
Chromium	13.1		0.56	
Cobalt	2.03		1.11	
Copper	6.32	B1	1.11	
Iron	5520	J6	111	
Lead	19.2	B1	0.56	
Magnesium	18600		55.5	
Manganese	166		1.67	
Nickel	5.90		0.56	
Potassium	780		222	
Silver	ND		0.56	
Sodium	ND		222	
Strontium	22.9		0.56	
Vanadium	9.35	B1	0.56	
Zinc	16.3	B2	5.55	
Antimony	ND	B2	2.22	
Selenium *	ND	B1	2.22	
Thallium	ND	B1	2.22	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X103B** Lab Sample ID: **SE31235-05**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/21/13 9:50

Sample Type: Sample Depth: Total Depth:

pH

Method: 9045C Prepared: 06/13/13 14:05

Units: PH Analyzed: 06/13/13 15:07

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Laboratory pH	8.0	Q	0.1	

SPLP Metals by EPA Methods 1312/6010*

Method: 6010-SPLP Prepared: 07/03/13 09:06

Units: mg/L Analyzed: 07/09/13 09:45

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Antimony	ND		0.01	
Arsenic	ND		0.01	5
Barium	ND		0.005	100
Beryllium	ND		0.001	
Cadmium	ND		0.003	1
Chromium	ND		0.005	5
Lead	0.02		0.005	5
Nickel	ND		0.005	
Selenium	ND		0.01	1
Silver	ND		0.003	5
Thallium	ND		0.01	
Iron	0.06		0.05	40000
Vanadium	ND		0.005	
Zinc	ND		0.02	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X104A** Lab Sample ID: **SE31235-06**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/21/13 11:45

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/21/13 11:45

Units: ug/kg dry Analyzed: 05/28/13 18:26

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloromethane	ND		1.9	
Vinyl chloride	ND		1.9	
Bromomethane	ND		1.9	
Chloroethane	ND		1.9	
Trichlorofluoromethane	ND		1.9	
Acetone	82	J6, M	9.7	
1,1-Dichloroethene	ND		1.9	
Methylene chloride	ND		4.8	
Carbon disulfide	ND		1.9	
trans-1,2-Dichloroethene	ND		1.9	
Methyl tert-butyl ether	ND		1.9	
1,1-Dichloroethane	ND		1.9	
2-Butanone (MEK) *	ND		9.7	
cis-1,2-Dichloroethene	ND		1.9	
Bromochloromethane	ND		1.9	
Chloroform	ND		1.9	
2,2-Dichloropropane	ND		1.9	
1,2-Dichloroethane	ND		1.9	
1,1,1-Trichloroethane	ND		1.9	
1,1-Dichloropropene	ND		1.9	
Carbon tetrachloride	ND		1.9	
Benzene	4.0		1.9	
Dibromomethane	ND		1.9	
1,2-Dichloropropane	ND		1.9	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X104A** Lab Sample ID: **SE31235-06**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/21/13 11:45

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/21/13 11:45

Units: ug/kg dry Analyzed: 05/28/13 18:26

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Trichloroethene	ND		1.9	
Bromodichloromethane	ND		1.9	
cis-1,3-Dichloropropene	ND		1.9	
4-Methyl-2-pentanone (MIBK)	ND		1.9	
trans-1,3-Dichloropropene	ND		1.9	
1,1,2-Trichloroethane	ND		1.9	
Toluene	11		1.9	
1,3-Dichloropropane	ND		1.9	
2-Hexanone (MBK) *	ND		1.9	
Dibromochloromethane	ND		1.9	
1,2-Dibromoethane	ND		1.9	
Tetrachloroethene	ND		1.9	
1,1,1,2-Tetrachloroethane	ND		1.9	
Chlorobenzene	ND		1.9	
Ethylbenzene	190	L	1.9	
Bromoform	ND		1.9	
Styrene	ND		1.9	
1,1,2,2-Tetrachloroethane	ND		1.9	
Xylenes, total	580	L	1.9	
1,2,3-Trichloropropane	ND		1.9	
Isopropylbenzene	82		1.9	
Bromobenzene	ND		1.9	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X104A** Lab Sample ID: **SE31235-06**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/21/13 11:45

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/04/13 00:07

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Pyridine	ND		58	
2-Picoline	ND		58	
Methyl methanesulfonate	ND		58	
Ethyl methanesulfonate	ND		58	
Phenol	ND		58	
Bis(2-chloroethyl)ether	ND		58	
2-Chlorophenol	ND		58	
1,3-Dichlorobenzene	ND		58	
1,4-Dichlorobenzene	ND		58	
1,2-Dichlorobenzene	ND		58	
2-Methylphenol	ND		58	
2,2-Oxybis(1-chloropropane)	ND		58	
Acetophenone	ND		58	
4-Methylphenol	ND		58	
N-Nitrosodi-n-propylamine	ND		58	
Hexachloroethane	ND		58	
Nitrobenzene	ND		58	
N-Nitrosopiperidine	ND		58	
Isophorone	ND		58	
2-Nitrophenol	ND		58	
2,4-Dimethylphenol	ND		58	
Bis(2-chloroethoxy)methane	ND		58	
2,4-Dichlorophenol	ND		58	
1,2,4-Trichlorobenzene	ND		58	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X104A** Lab Sample ID: **SE31235-06**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/21/13 11:45

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/04/13 00:07

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Naphthalene	ND		58	
4-Chloroaniline	ND		58	
2,6-Dichlorophenol	ND		58	
Hexachloropropene	ND		58	
Hexachlorobutadiene	ND		58	
N-Nitrosodi-n-butylamine	ND		58	
4-Chloro-3-methylphenol	ND		58	
Isosafrole	ND		58	
2-Methylnaphthalene	ND		58	
1,2,4,5-Tetrachlorobenzene	ND		58	
Hexachlorocyclopentadiene	ND		200	
2,4,6-Trichlorophenol	ND		58	
2,4,5-Trichlorophenol	ND		58	
Safrole	ND		58	
2-Chloronaphthalene	ND		58	
1-Chloronaphthalene	ND		58	
2-Nitroaniline	ND		58	
1,4-Dinitrobenzene	ND		58	
Dimethylphthalate	ND		58	
1,3-Dinitrobenzene *	ND		58	
2,6-Dinitrotoluene	ND		58	
Acenaphthylene	ND		58	
1,2-Dinitrobenzene	ND		58	
3-Nitroaniline	ND		58	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X104A** Lab Sample ID: **SE31235-06**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/21/13 11:45

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/04/13 00:07

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Acenaphthene	ND		58	
2,4-Dinitrophenol	ND		200	
4-Nitrophenol	ND		58	
Dibenzofuran	ND		58	
2,4-Dinitrotoluene	ND		58	
Pentachlorobenzene	ND		58	
1-Naphthylamine	ND		58	
2-Naphthylamine	ND		58	
2,3,4,6-Tetrachlorophenol	ND		58	
Diethylphthalate	ND		58	
4-Chlorophenyl phenyl ether	ND		58	
Fluorene	ND		58	
4-Nitroaniline	ND		58	
4,6-Dinitro-2-methylphenol	ND		390	
Diphenylamine	ND		58	
Azobenzene *	ND		58	
Phenacetin	ND		58	
4-Bromophenyl phenyl ether	ND		58	
Hexachlorobenzene	ND		58	
Pentachlorophenol	ND		580	
Pronamide	ND		58	
Pentachloronitrobenzene	ND		58	
Phenanthrene	ND		58	
Anthracene	ND		58	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X104A** Lab Sample ID: **SE31235-06**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/21/13 11:45

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/04/13 00:07

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Carbazole	ND		58	
4-Nitrobiphenyl	ND		58	
Di-n-butylphthalate	ND		58	
5-Nitroacenaphthene	ND		58	
Isodrin	ND		58	
Fluoranthene	ND		58	
Pyrene	ND		58	
p-Dimethylaminoazobenzene	ND		58	
Butyl benzyl phthalate	ND		58	
3,3-Dichlorobenzidine	ND		58	
Benzo(a)anthracene	ND		58	
Chrysene	ND		58	
Bis(2-ethylhexyl)phthalate	ND		200	
Mestranol	ND		58	
Di-n-octylphthalate	ND		58	
Benzo(b)fluoranthene	ND		58	
7,12-Dimethylbenzo(a)anthracene	ND		58	
Benzo(k)fluoranthene	ND		58	
Benzo(a)pyrene	ND		58	
Indeno(1,2,3-cd)pyrene	ND		58	
Dibenzo(a,h)anthracene	ND		58	
Benzo(ghi)perylene	ND		58	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X104A** Lab Sample ID: **SE31235-06**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/21/13 11:45

Sample Type: Sample Depth: Total Depth:

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 05/28/13 08:18

Units: mg/kg dry Analyzed: 05/31/13 10:14

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Aluminum	1980		11.7	
Arsenic *	ND	B1	2.34	
Barium	8.28		0.58	
Beryllium	ND		0.12	
Boron	ND	B2	5.85	
Cadmium	0.93	B2	0.58	
Calcium	26900		35.1	
Chromium	3.66		0.58	
Cobalt	1.27		1.17	
Copper	3.81	B1	1.17	
Iron	2910	J6	117	
Lead	1.29	B1	0.58	
Magnesium	13000		58.5	
Manganese	80.6		1.75	
Nickel	2.97		0.58	
Potassium	505		234	
Silver	ND		0.58	
Sodium	ND		234	
Strontium	12.6		0.58	
Vanadium	5.74	B1	0.58	
Zinc	8.23	B2	5.85	
Antimony	ND	B2	2.34	
Selenium *	ND	B1	2.34	
Thallium	ND	B1	2.34	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X104A** Lab Sample ID: **SE31235-06**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/21/13 11:45

Sample Type: Sample Depth: Total Depth:

pH

Method: 9045C Prepared: 06/13/13 14:05

Units: PH Analyzed: 06/13/13 15:07

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Laboratory pH	8.1	Q	0.1	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X106A** Lab Sample ID: **SE31235-07**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/21/13 15:10

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/21/13 15:10

Units: ug/kg dry Analyzed: 05/28/13 19:02

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloromethane	ND		1.6	
Vinyl chloride	ND		1.6	
Bromomethane	ND		1.6	
Chloroethane	ND		1.6	
Trichlorofluoromethane	ND		1.6	
Acetone	ND	J5	8.0	
1,1-Dichloroethene	ND		1.6	
Methylene chloride	ND		4.0	
Carbon disulfide	2.9		1.6	
trans-1,2-Dichloroethene	ND		1.6	
Methyl tert-butyl ether	ND		1.6	
1,1-Dichloroethane	ND		1.6	
2-Butanone (MEK) *	ND		8.0	
cis-1,2-Dichloroethene	ND		1.6	
Bromochloromethane	ND		1.6	
Chloroform	ND		1.6	
2,2-Dichloropropane	ND		1.6	
1,2-Dichloroethane	ND		1.6	
1,1,1-Trichloroethane	ND		1.6	
1,1-Dichloropropene	ND		1.6	
Carbon tetrachloride	ND		1.6	
Benzene	ND		1.6	
Dibromomethane	ND		1.6	
1,2-Dichloropropane	ND		1.6	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X106A** Lab Sample ID: **SE31235-07**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/21/13 15:10

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/21/13 15:10

Units: ug/kg dry Analyzed: 05/28/13 19:02

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Trichloroethene	ND		1.6	
Bromodichloromethane	ND		1.6	
cis-1,3-Dichloropropene	ND		1.6	
4-Methyl-2-pentanone (MIBK)	ND		1.6	
trans-1,3-Dichloropropene	ND		1.6	
1,1,2-Trichloroethane	ND		1.6	
Toluene	13		1.6	
1,3-Dichloropropane	ND		1.6	
2-Hexanone (MBK) *	ND		1.6	
Dibromochloromethane	ND		1.6	
1,2-Dibromoethane	ND		1.6	
Tetrachloroethene	ND		1.6	
1,1,1,2-Tetrachloroethane	ND		1.6	
Chlorobenzene	ND		1.6	
Ethylbenzene	160	L	1.6	
Bromoform	ND		1.6	
Styrene	ND		1.6	
1,1,2,2-Tetrachloroethane	ND		1.6	
Xylenes, total	480	L	1.6	
1,2,3-Trichloropropane	ND		1.6	
Isopropylbenzene	160	L	1.6	
Bromobenzene	ND		1.6	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X106A** Lab Sample ID: **SE31235-07**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/21/13 15:10

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/04/13 17:44

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Pyridine	ND		55	
2-Picoline	ND		55	
Methyl methanesulfonate	ND		55	
Ethyl methanesulfonate	ND		55	
Phenol	ND		55	
Bis(2-chloroethyl)ether	ND		55	
2-Chlorophenol	ND		55	
1,3-Dichlorobenzene	ND		55	
1,4-Dichlorobenzene	ND		55	
1,2-Dichlorobenzene	ND		55	
2-Methylphenol	ND		55	
2,2-Oxybis(1-chloropropane)	ND		55	
Acetophenone	ND		55	
4-Methylphenol	ND		55	
N-Nitrosodi-n-propylamine	ND		55	
Hexachloroethane	ND		55	
Nitrobenzene	ND		55	
N-Nitrosopiperidine	ND		55	
Isophorone	ND		55	
2-Nitrophenol	ND		55	
2,4-Dimethylphenol	ND		55	
Bis(2-chloroethoxy)methane	ND		55	
2,4-Dichlorophenol	ND		55	
1,2,4-Trichlorobenzene	ND		55	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X106A** Lab Sample ID: **SE31235-07**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/21/13 15:10

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/04/13 17:44

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Naphthalene	270		55	
4-Chloroaniline	ND		55	
2,6-Dichlorophenol	ND		55	
Hexachloropropene	ND		55	
Hexachlorobutadiene	ND		55	
N-Nitrosodi-n-butylamine	ND		55	
4-Chloro-3-methylphenol	ND		55	
Isosafrole	ND		55	
2-Methylnaphthalene	380		55	
1,2,4,5-Tetrachlorobenzene	ND		55	
Hexachlorocyclopentadiene	ND		190	
2,4,6-Trichlorophenol	ND		55	
2,4,5-Trichlorophenol	ND		55	
Safrole	ND		55	
2-Chloronaphthalene	ND		55	
1-Chloronaphthalene	ND		55	
2-Nitroaniline	ND		55	
1,4-Dinitrobenzene	ND		55	
Dimethylphthalate	ND		55	
1,3-Dinitrobenzene *	ND		55	
2,6-Dinitrotoluene	ND		55	
Acenaphthylene	ND		55	
1,2-Dinitrobenzene	ND		55	
3-Nitroaniline	ND		55	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X106A** Lab Sample ID: **SE31235-07**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/21/13 15:10

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/04/13 17:44

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Acenaphthene	ND		55	
2,4-Dinitrophenol	ND		190	
4-Nitrophenol	ND		55	
Dibenzofuran	ND		55	
2,4-Dinitrotoluene	ND		55	
Pentachlorobenzene	ND		55	
1-Naphthylamine	ND		55	
2-Naphthylamine	ND		55	
2,3,4,6-Tetrachlorophenol	ND		55	
Diethylphthalate	ND		55	
4-Chlorophenyl phenyl ether	ND		55	
Fluorene	ND		55	
4-Nitroaniline	ND		55	
4,6-Dinitro-2-methylphenol	ND		370	
Diphenylamine	ND		55	
Azobenzene *	ND		55	
Phenacetin	ND		55	
4-Bromophenyl phenyl ether	ND		55	
Hexachlorobenzene	ND		55	
Pentachlorophenol	ND		550	
Pronamide	ND		55	
Pentachloronitrobenzene	ND		55	
Phenanthrene	ND		55	
Anthracene	ND		55	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X106A** Lab Sample ID: **SE31235-07**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/21/13 15:10

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/04/13 17:44

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Carbazole	ND		55	
4-Nitrobiphenyl	ND		55	
Di-n-butylphthalate	ND		55	
5-Nitroacenaphthene	ND		55	
Isodrin	ND		55	
Fluoranthene	ND		55	
Pyrene	ND		55	
p-Dimethylaminoazobenzene	ND		55	
Butyl benzyl phthalate	ND		55	
3,3-Dichlorobenzidine	ND		55	
Benzo(a)anthracene	ND		55	
Chrysene	ND		55	
Bis(2-ethylhexyl)phthalate	ND		190	
Mestranol	ND		55	
Di-n-octylphthalate	ND		55	
Benzo(b)fluoranthene	ND		55	
7,12-Dimethylbenzo(a)anthracene	ND		55	
Benzo(k)fluoranthene	ND		55	
Benzo(a)pyrene	ND		55	
Indeno(1,2,3-cd)pyrene	ND		55	
Dibenzo(a,h)anthracene	ND		55	
Benzo(ghi)perylene	ND		55	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X106A** Lab Sample ID: **SE31235-07**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/21/13 15:10

Sample Type: Sample Depth: Total Depth:

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 05/28/13 08:18

Units: mg/kg dry Analyzed: 05/31/13 10:23

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Aluminum	2380		11.1	
Arsenic *	ND	B1	2.22	
Barium	10.3		0.55	
Beryllium	ND		0.11	
Boron	10.1	B2	5.55	
Cadmium	3.14	B2	0.55	
Calcium	85100		33.3	
Chromium	5.08		0.55	
Cobalt	2.43		1.11	
Copper	5.72	B1	1.11	
Iron	9090	J6	111	
Lead	5.24	B1	0.55	
Magnesium	43000		55.5	
Manganese	311		1.66	
Nickel	5.46		0.55	
Potassium	563		222	
Silver	ND		0.55	
Sodium	ND		222	
Strontium	33.2		0.55	
Vanadium	17.1	B1	0.55	
Zinc	43.5	B2	5.55	
Antimony	ND	B2	2.22	
Selenium *	ND	B1	2.22	
Thallium	ND	B1	2.22	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X106A** Lab Sample ID: **SE31235-07**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/21/13 15:10

Sample Type: Sample Depth: Total Depth:

pH

Method: 9045C Prepared: 06/13/13 14:05

Units: PH Analyzed: 06/13/13 15:07

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Laboratory pH	7.9	Q	0.1	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X106B** Lab Sample ID: **SE31235-08**

Matrix: Soil Collected By: JS Date/Time Collected: 05/21/13 15:35

Sample Type: Sample Depth: Total Depth:

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 05/28/13 08:18

Units: mg/kg dry Analyzed: 05/31/13 10:27

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Aluminum	1940		11.3	
Arsenic *	2.44	B1	2.25	
Barium	8.77		0.56	
Beryllium	ND		0.11	
Boron	ND	B2	5.63	
Cadmium	2.52	B2	0.56	
Calcium	34800		33.8	
Chromium	4.98		0.56	
Cobalt	2.47		1.13	
Copper	5.66	B1	1.13	
Iron	8480	J6	113	
Lead	1.90	B1	0.56	
Magnesium	21400		56.3	
Manganese	174		1.69	
Nickel	4.54		0.56	
Potassium	446		225	
Silver	ND		0.56	
Sodium	ND		225	
Strontium	13.0		0.56	
Vanadium	14.0	B1	0.56	
Zinc	19.0	B2	5.63	
Antimony	ND	B2	2.25	
Selenium *	ND	B1	2.25	
Thallium	ND	B1	2.25	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X106B** Lab Sample ID: **SE31235-08**

Matrix: Soil Collected By: JS Date/Time Collected: 05/21/13 15:35

Sample Type: Sample Depth: Total Depth:

pH

Method: 9045C Prepared: 06/13/13 14:05

Units: PH Analyzed: 06/13/13 15:07

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Laboratory pH	7.6	Q	0.1	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X107A** Lab Sample ID: **SE31235-09**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/21/13 16:30

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/21/13 16:30

Units: ug/kg dry Analyzed: 05/28/13 19:36

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloromethane	ND		1.8	
Vinyl chloride	ND		1.8	
Bromomethane	ND		1.8	
Chloroethane	ND		1.8	
Trichlorofluoromethane	ND		1.8	
Acetone	52	J6, M	8.9	
1,1-Dichloroethene	ND		1.8	
Methylene chloride	ND		4.5	
Carbon disulfide	ND		1.8	
trans-1,2-Dichloroethene	ND		1.8	
Methyl tert-butyl ether	ND		1.8	
1,1-Dichloroethane	ND		1.8	
2-Butanone (MEK) *	ND		8.9	
cis-1,2-Dichloroethene	ND		1.8	
Bromochloromethane	ND		1.8	
Chloroform	ND		1.8	
2,2-Dichloropropane	ND		1.8	
1,2-Dichloroethane	ND		1.8	
1,1,1-Trichloroethane	ND		1.8	
1,1-Dichloropropene	ND		1.8	
Carbon tetrachloride	ND		1.8	
Benzene	2.8		1.8	
Dibromomethane	ND		1.8	
1,2-Dichloropropane	ND		1.8	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X107A** Lab Sample ID: **SE31235-09**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/21/13 16:30

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/21/13 16:30

Units: ug/kg dry Analyzed: 05/28/13 19:36

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Trichloroethene	ND		1.8	
Bromodichloromethane	ND		1.8	
cis-1,3-Dichloropropene	ND		1.8	
4-Methyl-2-pentanone (MIBK)	ND		1.8	
trans-1,3-Dichloropropene	ND		1.8	
1,1,2-Trichloroethane	ND		1.8	
Toluene	7.3		1.8	
1,3-Dichloropropane	ND		1.8	
2-Hexanone (MBK) *	ND		1.8	
Dibromochloromethane	ND		1.8	
1,2-Dibromoethane	ND		1.8	
Tetrachloroethene	ND		1.8	
1,1,1,2-Tetrachloroethane	ND		1.8	
Chlorobenzene	ND		1.8	
Ethylbenzene	10		1.8	
Bromoform	ND		1.8	
Styrene	ND		1.8	
1,1,2,2-Tetrachloroethane	ND		1.8	
Xylenes, total	39		1.8	
1,2,3-Trichloropropane	ND		1.8	
Isopropylbenzene	3.3		1.8	
Bromobenzene	ND		1.8	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X107A** Lab Sample ID: **SE31235-09**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/21/13 16:30

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/04/13 18:43

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Pyridine	ND		53	
2-Picoline	ND		53	
Methyl methanesulfonate	ND		53	
Ethyl methanesulfonate	ND		53	
Phenol	ND		53	
Bis(2-chloroethyl)ether	ND		53	
2-Chlorophenol	ND		53	
1,3-Dichlorobenzene	ND		53	
1,4-Dichlorobenzene	ND		53	
1,2-Dichlorobenzene	ND		53	
2-Methylphenol	ND		53	
2,2-Oxybis(1-chloropropane)	ND		53	
Acetophenone	ND		53	
4-Methylphenol	ND		53	
N-Nitrosodi-n-propylamine	ND		53	
Hexachloroethane	ND		53	
Nitrobenzene	ND		53	
N-Nitrosopiperidine	ND		53	
Isophorone	ND		53	
2-Nitrophenol	ND		53	
2,4-Dimethylphenol	ND		53	
Bis(2-chloroethoxy)methane	ND		53	
2,4-Dichlorophenol	ND		53	
1,2,4-Trichlorobenzene	ND		53	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X107A** Lab Sample ID: **SE31235-09**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/21/13 16:30

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/04/13 18:43

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Naphthalene	ND		53	
4-Chloroaniline	ND		53	
2,6-Dichlorophenol	ND		53	
Hexachloropropene	ND		53	
Hexachlorobutadiene	ND		53	
N-Nitrosodi-n-butylamine	ND		53	
4-Chloro-3-methylphenol	ND		53	
Isosafrole	ND		53	
2-Methylnaphthalene	ND		53	
1,2,4,5-Tetrachlorobenzene	ND		53	
Hexachlorocyclopentadiene	ND		180	
2,4,6-Trichlorophenol	ND		53	
2,4,5-Trichlorophenol	ND		53	
Safrole	ND		53	
2-Chloronaphthalene	ND		53	
1-Chloronaphthalene	ND		53	
2-Nitroaniline	ND		53	
1,4-Dinitrobenzene	ND		53	
Dimethylphthalate	ND		53	
1,3-Dinitrobenzene *	ND		53	
2,6-Dinitrotoluene	ND		53	
Acenaphthylene	ND		53	
1,2-Dinitrobenzene	ND		53	
3-Nitroaniline	ND		53	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X107A** Lab Sample ID: **SE31235-09**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/21/13 16:30

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/04/13 18:43

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Acenaphthene	ND		53	
2,4-Dinitrophenol	ND		180	
4-Nitrophenol	ND		53	
Dibenzofuran	ND		53	
2,4-Dinitrotoluene	ND		53	
Pentachlorobenzene	ND		53	
1-Naphthylamine	ND		53	
2-Naphthylamine	ND		53	
2,3,4,6-Tetrachlorophenol	ND		53	
Diethylphthalate	ND		53	
4-Chlorophenyl phenyl ether	ND		53	
Fluorene	ND		53	
4-Nitroaniline	ND		53	
4,6-Dinitro-2-methylphenol	ND		350	
Diphenylamine	ND		53	
Azobenzene *	ND		53	
Phenacetin	ND		53	
4-Bromophenyl phenyl ether	ND		53	
Hexachlorobenzene	ND		53	
Pentachlorophenol	ND		530	
Pronamide	ND		53	
Pentachloronitrobenzene	ND		53	
Phenanthrene	ND		53	
Anthracene	ND		53	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X107A** Lab Sample ID: **SE31235-09**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/21/13 16:30

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/04/13 18:43

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Carbazole	ND		53	
4-Nitrobiphenyl	ND		53	
Di-n-butylphthalate	ND		53	
5-Nitroacenaphthene	ND		53	
Isodrin	ND		53	
Fluoranthene	ND		53	
Pyrene	ND		53	
p-Dimethylaminoazobenzene	ND		53	
Butyl benzyl phthalate	ND		53	
3,3-Dichlorobenzidine	ND		53	
Benzo(a)anthracene	ND		53	
Chrysene	ND		53	
Bis(2-ethylhexyl)phthalate	ND		180	
Mestranol	ND		53	
Di-n-octylphthalate	ND		53	
Benzo(b)fluoranthene	ND		53	
7,12-Dimethylbenzo(a)anthracene	ND		53	
Benzo(k)fluoranthene	ND		53	
Benzo(a)pyrene	ND		53	
Indeno(1,2,3-cd)pyrene	ND		53	
Dibenzo(a,h)anthracene	ND		53	
Benzo(ghi)perylene	ND		53	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X107A** Lab Sample ID: **SE31235-09**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/21/13 16:30

Sample Type: Sample Depth: Total Depth:

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 05/28/13 08:18

Units: mg/kg dry Analyzed: 05/31/13 10:30

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Aluminum	2750		10.7	
Arsenic *	ND	B1	2.13	
Barium	17.9		0.53	
Beryllium	ND		0.11	
Boron	10.5	B2	5.33	
Cadmium	3.72	B2	0.53	
Calcium	66400		32.0	
Chromium	6.40		0.53	
Cobalt	3.87		1.07	
Copper	9.00	B1	1.07	
Iron	10700	J6	107	
Lead	1.97	B1	0.53	
Magnesium	50300		53.3	
Manganese	782		1.60	
Nickel	9.55		0.53	
Potassium	780		213	
Silver	ND		0.53	
Sodium	ND		213	
Strontium	32.8		0.53	
Vanadium	13.6	B1	0.53	
Zinc	29.2	B2	5.33	
Antimony	ND	B2	2.13	
Selenium *	ND	B1	2.13	
Thallium	ND	B1	2.13	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X107A** Lab Sample ID: **SE31235-09**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/21/13 16:30

Sample Type: Sample Depth: Total Depth:

pH

Method: 9045C Prepared: 06/13/13 14:05

Units: PH Analyzed: 06/13/13 15:07

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Laboratory pH	8.1	Q	0.1	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X107B** Lab Sample ID: **SE31235-10**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/21/13 17:00

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/21/13 17:00

Units: ug/kg dry Analyzed: 05/28/13 20:11

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloromethane	ND	J1	1.7	
Vinyl chloride	ND	J1	1.7	
Bromomethane	ND	J1	1.7	
Chloroethane	ND	J1	1.7	
Trichlorofluoromethane	ND	J1	1.7	
Acetone	ND	J1, J3, J5	8.4	
1,1-Dichloroethene	ND	J1	1.7	
Methylene chloride	ND	J1	4.2	
Carbon disulfide	7.0	J1	1.7	
trans-1,2-Dichloroethene	ND	J1	1.7	
Methyl tert-butyl ether	ND	J1	1.7	
1,1-Dichloroethane	ND	J1	1.7	
2-Butanone (MEK) *	ND	J1, J3	8.4	
cis-1,2-Dichloroethene	ND	J1	1.7	
Bromochloromethane	ND	J1	1.7	
Chloroform	ND	J1	1.7	
2,2-Dichloropropane	ND	J1	1.7	
1,2-Dichloroethane	ND	J2	1.7	
1,1,1-Trichloroethane	ND	J2	1.7	
1,1-Dichloropropene	ND	J2	1.7	
Carbon tetrachloride	ND	J2	1.7	
Benzene	ND	J2	1.7	
Dibromomethane	ND	J2	1.7	
1,2-Dichloropropane	ND	J2	1.7	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X107B** Lab Sample ID: **SE31235-10**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/21/13 17:00

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/21/13 17:00

Units: ug/kg dry Analyzed: 05/28/13 20:11

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Trichloroethene	ND	J2	1.7	
Bromodichloromethane	ND	J2	1.7	
cis-1,3-Dichloropropene	ND	J2	1.7	
4-Methyl-2-pentanone (MIBK)	ND	J2, J3	1.7	
trans-1,3-Dichloropropene	ND	J2	1.7	
1,1,2-Trichloroethane	ND	J2	1.7	
Toluene	ND	J2	1.7	
1,3-Dichloropropane	ND	J2, J3	1.7	
2-Hexanone (MBK) *	ND	J2	1.7	
Dibromochloromethane	ND	J2	1.7	
1,2-Dibromoethane	ND	J2	1.7	
Tetrachloroethene	ND	J2	1.7	
1,1,1,2-Tetrachloroethane	ND	J2	1.7	
Chlorobenzene	ND	J2	1.7	
Ethylbenzene	9.0	J2	1.7	
Bromoform	ND	J2	1.7	
Styrene	ND	J2	1.7	
1,1,2,2-Tetrachloroethane	ND	J2	1.7	
Xylenes, total	17	J2	1.7	
1,2,3-Trichloropropane	ND	J2	1.7	
Isopropylbenzene	26	J2, J3	1.7	
Bromobenzene	ND	J2	1.7	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X107B** Lab Sample ID: **SE31235-10**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/21/13 17:00

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/04/13 19:42

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Pyridine	ND		55	
2-Picoline	ND		55	
Methyl methanesulfonate	ND		55	
Ethyl methanesulfonate	ND		55	
Phenol	ND		55	
Bis(2-chloroethyl)ether	ND		55	
2-Chlorophenol	ND		55	
1,3-Dichlorobenzene	ND		55	
1,4-Dichlorobenzene	ND		55	
1,2-Dichlorobenzene	ND		55	
2-Methylphenol	ND		55	
2,2-Oxybis(1-chloropropane)	ND		55	
Acetophenone	ND		55	
4-Methylphenol	ND		55	
N-Nitrosodi-n-propylamine	ND		55	
Hexachloroethane	ND		55	
Nitrobenzene	ND		55	
N-Nitrosopiperidine	ND		55	
Isophorone	ND		55	
2-Nitrophenol	ND		55	
2,4-Dimethylphenol	ND		55	
Bis(2-chloroethoxy)methane	ND		55	
2,4-Dichlorophenol	ND		55	
1,2,4-Trichlorobenzene	ND		55	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X107B** Lab Sample ID: **SE31235-10**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/21/13 17:00

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/04/13 19:42

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Naphthalene	ND		55	
4-Chloroaniline	ND		55	
2,6-Dichlorophenol	ND		55	
Hexachloropropene	ND		55	
Hexachlorobutadiene	ND		55	
N-Nitrosodi-n-butylamine	ND		55	
4-Chloro-3-methylphenol	ND		55	
Isosafrole	ND		55	
2-Methylnaphthalene	ND		55	
1,2,4,5-Tetrachlorobenzene	ND		55	
Hexachlorocyclopentadiene	ND		190	
2,4,6-Trichlorophenol	ND		55	
2,4,5-Trichlorophenol	ND		55	
Safrole	ND		55	
2-Chloronaphthalene	ND		55	
1-Chloronaphthalene	ND		55	
2-Nitroaniline	ND		55	
1,4-Dinitrobenzene	ND		55	
Dimethylphthalate	ND		55	
1,3-Dinitrobenzene *	ND		55	
2,6-Dinitrotoluene	ND		55	
Acenaphthylene	ND		55	
1,2-Dinitrobenzene	ND		55	
3-Nitroaniline	ND		55	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X107B** Lab Sample ID: **SE31235-10**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/21/13 17:00

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/04/13 19:42

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Acenaphthene	ND		55	
2,4-Dinitrophenol	ND		190	
4-Nitrophenol	ND		55	
Dibenzofuran	ND		55	
2,4-Dinitrotoluene	ND		55	
Pentachlorobenzene	ND		55	
1-Naphthylamine	ND		55	
2-Naphthylamine	ND		55	
2,3,4,6-Tetrachlorophenol	ND		55	
Diethylphthalate	ND		55	
4-Chlorophenyl phenyl ether	ND		55	
Fluorene	ND		55	
4-Nitroaniline	ND		55	
4,6-Dinitro-2-methylphenol	ND		360	
Diphenylamine	ND		55	
Azobenzene *	ND		55	
Phenacetin	ND		55	
4-Bromophenyl phenyl ether	ND		55	
Hexachlorobenzene	ND		55	
Pentachlorophenol	ND		550	
Pronamide	ND		55	
Pentachloronitrobenzene	ND		55	
Phenanthrene	ND		55	
Anthracene	ND		55	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X107B** Lab Sample ID: **SE31235-10**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/21/13 17:00

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/04/13 19:42

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Carbazole	ND		55	
4-Nitrobiphenyl	ND		55	
Di-n-butylphthalate	ND		55	
5-Nitroacenaphthene	ND		55	
Isodrin	ND		55	
Fluoranthene	ND		55	
Pyrene	ND		55	
p-Dimethylaminoazobenzene	ND		55	
Butyl benzyl phthalate	ND		55	
3,3-Dichlorobenzidine	ND		55	
Benzo(a)anthracene	ND		55	
Chrysene	ND		55	
Bis(2-ethylhexyl)phthalate	ND		190	
Mestranol	ND		55	
Di-n-octylphthalate	ND		55	
Benzo(b)fluoranthene	ND		55	
7,12-Dimethylbenzo(a)anthracene	ND		55	
Benzo(k)fluoranthene	ND		55	
Benzo(a)pyrene	ND		55	
Indeno(1,2,3-cd)pyrene	ND		55	
Dibenzo(a,h)anthracene	ND		55	
Benzo(ghi)perylene	ND		55	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X107B** Lab Sample ID: **SE31235-10**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/21/13 17:00

Sample Type: Sample Depth: Total Depth:

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 05/28/13 08:18

Units: mg/kg dry Analyzed: 05/31/13 10:34

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Aluminum	2080		11.0	
Arsenic *	ND	B1	2.20	
Barium	6.24		0.55	
Beryllium	ND		0.11	
Boron	5.98	B2	5.50	
Cadmium	1.65	B2	0.55	
Calcium	64800		33.0	
Chromium	6.53		0.55	
Cobalt	1.73		1.10	
Copper	4.20	B1	1.10	
Iron	4830	J6	110	
Lead	1.49	B1	0.55	
Magnesium	28800		55.0	
Manganese	160		1.65	
Nickel	5.10		0.55	
Potassium	499		220	
Silver	ND		0.55	
Sodium	ND		220	
Strontium	34.0		0.55	
Vanadium	6.28	B1	0.55	
Zinc	15.3	B2	5.50	
Antimony	ND	B2	2.20	
Selenium *	ND	B1	2.20	
Thallium	ND	B1	2.20	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X107B** Lab Sample ID: **SE31235-10**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/21/13 17:00

Sample Type: Sample Depth: Total Depth:

pH

Method: 9045C Prepared: 06/13/13 14:05

Units: PH Analyzed: 06/13/13 15:07

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Laboratory pH	8.1	Q	0.1	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X107C** Lab Sample ID: **SE31235-11**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/21/13 17:10

Sample Type: Sample Depth: Total Depth:

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 05/28/13 08:18

Units: mg/kg dry Analyzed: 05/31/13 10:38

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Aluminum	1760		11.8	
Arsenic *	ND	B1	2.36	
Barium	9.46		0.59	
Beryllium	ND		0.12	
Boron	ND	B2	5.90	
Cadmium	1.82	B2	0.59	
Calcium	32000		35.4	
Chromium	4.08		0.59	
Cobalt	2.15		1.18	
Copper	4.59	B1	1.18	
Iron	5780	J6	118	
Lead	1.78	B1	0.59	
Magnesium	16100		59.0	
Manganese	175		1.77	
Nickel	4.88		0.59	
Potassium	395		236	
Silver	ND		0.59	
Sodium	ND		236	
Strontium	15.5		0.59	
Vanadium	10.5	B1	0.59	
Zinc	17.1	B2	5.90	
Antimony	ND	B2	2.36	
Selenium *	ND	B1	2.36	
Thallium	ND	B1	2.36	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X107C** Lab Sample ID: **SE31235-11**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/21/13 17:10

Sample Type: Sample Depth: Total Depth:

pH

Method: 9045C Prepared: 06/13/13 14:05

Units: PH Analyzed: 06/13/13 15:07

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Laboratory pH	7.9	Q	0.1	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X108A** Lab Sample ID: **SE31235-12**

Matrix: Soil Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 9:30

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/22/13 09:30

Units: ug/kg dry Analyzed: 05/28/13 21:58

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloromethane	ND		1.7	
Vinyl chloride	ND		1.7	
Bromomethane	ND		1.7	
Chloroethane	ND		1.7	
Trichlorofluoromethane	ND		1.7	
Acetone	ND	J5	8.5	
1,1-Dichloroethene	ND		1.7	
Methylene chloride	ND		4.2	
Carbon disulfide	ND		1.7	
trans-1,2-Dichloroethene	ND		1.7	
Methyl tert-butyl ether	ND		1.7	
1,1-Dichloroethane	ND		1.7	
2-Butanone (MEK) *	ND		8.5	
cis-1,2-Dichloroethene	ND		1.7	
Bromochloromethane	ND		1.7	
Chloroform	ND		1.7	
2,2-Dichloropropane	ND		1.7	
1,2-Dichloroethane	ND		1.7	
1,1,1-Trichloroethane	ND		1.7	
1,1-Dichloropropene	ND		1.7	
Carbon tetrachloride	ND		1.7	
Benzene	ND		1.7	
Dibromomethane	ND		1.7	
1,2-Dichloropropane	ND		1.7	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X108A** Lab Sample ID: **SE31235-12**

Matrix: Soil Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 9:30

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/22/13 09:30

Units: ug/kg dry Analyzed: 05/28/13 21:58

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Trichloroethene	ND		1.7	
Bromodichloromethane	ND		1.7	
cis-1,3-Dichloropropene	ND		1.7	
4-Methyl-2-pentanone (MIBK)	ND		1.7	
trans-1,3-Dichloropropene	ND		1.7	
1,1,2-Trichloroethane	ND		1.7	
Toluene	4.6		1.7	
1,3-Dichloropropane	ND		1.7	
2-Hexanone (MBK) *	ND		1.7	
Dibromochloromethane	ND		1.7	
1,2-Dibromoethane	ND		1.7	
Tetrachloroethene	ND		1.7	
1,1,1,2-Tetrachloroethane	ND		1.7	
Chlorobenzene	ND		1.7	
Ethylbenzene	37		1.7	
Bromoform	ND		1.7	
Styrene	ND		1.7	
1,1,2,2-Tetrachloroethane	ND		1.7	
Xylenes, total	20		1.7	
1,2,3-Trichloropropane	ND		1.7	
Isopropylbenzene	40		1.7	
Bromobenzene	ND		1.7	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X108A** Lab Sample ID: **SE31235-12**

Matrix: Soil Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 9:30

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/04/13 20:40

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Pyridine	ND		61	
2-Picoline	ND		61	
Methyl methanesulfonate	ND		61	
Ethyl methanesulfonate	ND		61	
Phenol	ND		61	
Bis(2-chloroethyl)ether	ND		61	
2-Chlorophenol	ND		61	
1,3-Dichlorobenzene	ND		61	
1,4-Dichlorobenzene	ND		61	
1,2-Dichlorobenzene	ND		61	
2-Methylphenol	ND		61	
2,2-Oxybis(1-chloropropane)	ND		61	
Acetophenone	ND		61	
4-Methylphenol	ND		61	
N-Nitrosodi-n-propylamine	ND		61	
Hexachloroethane	ND		61	
Nitrobenzene	ND		61	
N-Nitrosopiperidine	ND		61	
Isophorone	ND		61	
2-Nitrophenol	ND		61	
2,4-Dimethylphenol	ND		61	
Bis(2-chloroethoxy)methane	ND		61	
2,4-Dichlorophenol	ND		61	
1,2,4-Trichlorobenzene	ND		61	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X108A** Lab Sample ID: **SE31235-12**

Matrix: Soil Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 9:30

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/04/13 20:40

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Naphthalene	210		61	
4-Chloroaniline	ND		61	
2,6-Dichlorophenol	ND		61	
Hexachloropropene	ND		61	
Hexachlorobutadiene	ND		61	
N-Nitrosodi-n-butylamine	ND		61	
4-Chloro-3-methylphenol	ND		61	
Isosafrole	ND		61	
2-Methylnaphthalene	240		61	
1,2,4,5-Tetrachlorobenzene	ND		61	
Hexachlorocyclopentadiene	ND		210	
2,4,6-Trichlorophenol	ND		61	
2,4,5-Trichlorophenol	ND		61	
Safrole	ND		61	
2-Chloronaphthalene	ND		61	
1-Chloronaphthalene	ND		61	
2-Nitroaniline	ND		61	
1,4-Dinitrobenzene	ND		61	
Dimethylphthalate	ND		61	
1,3-Dinitrobenzene *	ND		61	
2,6-Dinitrotoluene	ND		61	
Acenaphthylene	ND		61	
1,2-Dinitrobenzene	ND		61	
3-Nitroaniline	ND		61	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X108A** Lab Sample ID: **SE31235-12**

Matrix: Soil Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 9:30

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/04/13 20:40

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Acenaphthene	ND		61	
2,4-Dinitrophenol	ND		210	
4-Nitrophenol	ND		61	
Dibenzofuran	ND		61	
2,4-Dinitrotoluene	ND		61	
Pentachlorobenzene	ND		61	
1-Naphthylamine	ND		61	
2-Naphthylamine	ND		61	
2,3,4,6-Tetrachlorophenol	ND		61	
Diethylphthalate	ND		61	
4-Chlorophenyl phenyl ether	ND		61	
Fluorene	ND		61	
4-Nitroaniline	ND		61	
4,6-Dinitro-2-methylphenol	ND		400	
Diphenylamine	ND		61	
Azobenzene *	ND		61	
Phenacetin	ND		61	
4-Bromophenyl phenyl ether	ND		61	
Hexachlorobenzene	ND		61	
Pentachlorophenol	ND		610	
Pronamide	ND		61	
Pentachloronitrobenzene	ND		61	
Phenanthrene	ND		61	
Anthracene	ND		61	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X108A** Lab Sample ID: **SE31235-12**

Matrix: Soil Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 9:30

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/04/13 20:40

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Carbazole	ND		61	
4-Nitrobiphenyl	ND		61	
Di-n-butylphthalate	ND		61	
5-Nitroacenaphthene	ND		61	
Isodrin	ND		61	
Fluoranthene	ND		61	
Pyrene	ND		61	
p-Dimethylaminoazobenzene	ND		61	
Butyl benzyl phthalate	ND		61	
3,3-Dichlorobenzidine	ND		61	
Benzo(a)anthracene	ND		61	
Chrysene	ND		61	
Bis(2-ethylhexyl)phthalate	ND		210	
Mestranol	ND		61	
Di-n-octylphthalate	ND		61	
Benzo(b)fluoranthene	ND		61	
7,12-Dimethylbenzo(a)anthracene	ND		61	
Benzo(k)fluoranthene	ND		61	
Benzo(a)pyrene	ND		61	
Indeno(1,2,3-cd)pyrene	ND		61	
Dibenzo(a,h)anthracene	ND		61	
Benzo(ghi)perylene	ND		61	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X108A** Lab Sample ID: **SE31235-12**

Matrix: Soil Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 9:30

Sample Type: Sample Depth: Total Depth:

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 05/28/13 08:18

Units: mg/kg dry Analyzed: 05/31/13 10:41

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Aluminum	16900		12.1	
Arsenic *	ND	B1	2.42	
Barium	68.0		0.61	
Beryllium	0.49		0.12	
Boron	26.4	B2	6.06	
Cadmium	6.78	B2	0.61	
Calcium	51900		36.3	
Chromium	22.8		0.61	
Cobalt	9.63		1.21	
Copper	22.5	B1	1.21	
Iron	21400	J6	121	
Lead	9.74	B1	0.61	
Magnesium	28200		60.6	
Manganese	550		1.82	
Nickel	34.9		0.61	
Potassium	4070		242	
Silver	ND		0.61	
Sodium	271		242	
Strontium	36.1		0.61	
Vanadium	36.8	B1	0.61	
Zinc	58.3	B2	6.06	
Antimony	ND	B2	2.42	
Selenium *	ND	B1	2.42	
Thallium	ND	B1	2.42	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X108A** Lab Sample ID: **SE31235-12**

Matrix: Soil Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 9:30

Sample Type: Sample Depth: Total Depth:

pH

Method: 9045C Prepared: 06/13/13 14:05

Units: PH Analyzed: 06/13/13 15:07

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Laboratory pH	7.6	Q	0.1	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X108B** Lab Sample ID: **SE31235-13**

Matrix: Soil Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 9:30

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/22/13 10:05

Units: ug/kg dry Analyzed: 06/04/13 22:01

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloromethane	ND		1.7	
Vinyl chloride	ND		1.7	
Bromomethane	ND		1.7	
Chloroethane	ND		1.7	
Trichlorofluoromethane	ND		1.7	
Acetone	ND		8.7	
1,1-Dichloroethene	ND		1.7	
Methylene chloride	ND		4.4	
Carbon disulfide	ND		1.7	
trans-1,2-Dichloroethene	ND		1.7	
Methyl tert-butyl ether	ND		1.7	
1,1-Dichloroethane	ND		1.7	
2-Butanone (MEK) *	ND		8.7	
cis-1,2-Dichloroethene	ND		1.7	
Bromochloromethane	ND		1.7	
Chloroform	ND		1.7	
2,2-Dichloropropane	ND		1.7	
1,2-Dichloroethane	ND		1.7	
1,1,1-Trichloroethane	ND		1.7	
1,1-Dichloropropene	ND		1.7	
Carbon tetrachloride	ND		1.7	
Benzene	ND		1.7	
Dibromomethane	ND		1.7	
1,2-Dichloropropane	ND		1.7	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X108B** Lab Sample ID: **SE31235-13**

Matrix: Soil Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 9:30

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/22/13 10:05

Units: ug/kg dry Analyzed: 06/04/13 22:01

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Trichloroethene	ND		1.7	
Bromodichloromethane	ND		1.7	
cis-1,3-Dichloropropene	ND		1.7	
4-Methyl-2-pentanone (MIBK)	ND		1.7	
trans-1,3-Dichloropropene	ND		1.7	
1,1,2-Trichloroethane	ND		1.7	
Toluene	170	J7, L	1.7	
1,3-Dichloropropane	ND		1.7	
2-Hexanone (MBK) *	ND		1.7	
Dibromochloromethane	ND		1.7	
1,2-Dibromoethane	ND		1.7	
Tetrachloroethene	ND		1.7	
1,1,1,2-Tetrachloroethane	ND		1.7	
Chlorobenzene	ND		1.7	
Ethylbenzene	170	J7, L	1.7	
Bromoform	ND		1.7	
Styrene	ND		1.7	
1,1,2,2-Tetrachloroethane	ND		1.7	
Xylenes, total	520	L	1.7	
1,2,3-Trichloropropane	ND		1.7	
Isopropylbenzene	170	L	1.7	
Bromobenzene	ND		1.7	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X108B** Lab Sample ID: **SE31235-13**

Matrix: Soil Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 9:30

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/04/13 21:38

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Pyridine	ND		54	
2-Picoline	ND		54	
Methyl methanesulfonate	ND		54	
Ethyl methanesulfonate	ND		54	
Phenol	ND		54	
Bis(2-chloroethyl)ether	ND		54	
2-Chlorophenol	ND		54	
1,3-Dichlorobenzene	ND		54	
1,4-Dichlorobenzene	ND		54	
1,2-Dichlorobenzene	ND		54	
2-Methylphenol	ND		54	
2,2-Oxybis(1-chloropropane)	ND		54	
Acetophenone	ND		54	
4-Methylphenol	ND		54	
N-Nitrosodi-n-propylamine	ND		54	
Hexachloroethane	ND		54	
Nitrobenzene	ND		54	
N-Nitrosopiperidine	ND		54	
Isophorone	ND		54	
2-Nitrophenol	ND		54	
2,4-Dimethylphenol	ND		54	
Bis(2-chloroethoxy)methane	ND		54	
2,4-Dichlorophenol	ND		54	
1,2,4-Trichlorobenzene	ND		54	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X108B** Lab Sample ID: **SE31235-13**

Matrix: Soil Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 9:30

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/04/13 21:38

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Naphthalene	2100		54	
4-Chloroaniline	ND		54	
2,6-Dichlorophenol	ND		54	
Hexachloropropene	ND		54	
Hexachlorobutadiene	ND		54	
N-Nitrosodi-n-butylamine	ND		54	
4-Chloro-3-methylphenol	ND		54	
Isosafrole	ND		54	
2-Methylnaphthalene	4100		54	
1,2,4,5-Tetrachlorobenzene	ND		54	
Hexachlorocyclopentadiene	ND		180	
2,4,6-Trichlorophenol	ND		54	
2,4,5-Trichlorophenol	ND		54	
Safrole	ND		54	
2-Chloronaphthalene	ND		54	
1-Chloronaphthalene	ND		54	
2-Nitroaniline	ND		54	
1,4-Dinitrobenzene	ND		54	
Dimethylphthalate	ND		54	
1,3-Dinitrobenzene *	ND		54	
2,6-Dinitrotoluene	ND		54	
Acenaphthylene	ND		54	
1,2-Dinitrobenzene	ND		54	
3-Nitroaniline	ND		54	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X108B** Lab Sample ID: **SE31235-13**

Matrix: Soil Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 9:30

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/04/13 21:38

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Acenaphthene	ND		54	
2,4-Dinitrophenol	ND		180	
4-Nitrophenol	ND		54	
Dibenzofuran	ND		54	
2,4-Dinitrotoluene	ND		54	
Pentachlorobenzene	ND		54	
1-Naphthylamine	ND		54	
2-Naphthylamine	ND		54	
2,3,4,6-Tetrachlorophenol	ND		54	
Diethylphthalate	ND		54	
4-Chlorophenyl phenyl ether	ND		54	
Fluorene	63		54	
4-Nitroaniline	ND		54	
4,6-Dinitro-2-methylphenol	ND		360	
Diphenylamine	ND		54	
Azobenzene *	ND		54	
Phenacetin	ND		54	
4-Bromophenyl phenyl ether	ND		54	
Hexachlorobenzene	ND		54	
Pentachlorophenol	ND		540	
Pronamide	ND		54	
Pentachloronitrobenzene	ND		54	
Phenanthrene	110		54	
Anthracene	ND		54	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X108B** Lab Sample ID: **SE31235-13**

Matrix: Soil Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 9:30

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/04/13 21:38

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Carbazole	ND		54	
4-Nitrobiphenyl	ND		54	
Di-n-butylphthalate	ND		54	
5-Nitroacenaphthene	ND		54	
Isodrin	ND		54	
Fluoranthene	ND		54	
Pyrene	ND		54	
p-Dimethylaminoazobenzene	ND		54	
Butyl benzyl phthalate	ND		54	
3,3-Dichlorobenzidine	ND		54	
Benzo(a)anthracene	ND		54	
Chrysene	ND		54	
Bis(2-ethylhexyl)phthalate	ND		180	
Mestranol	ND		54	
Di-n-octylphthalate	ND		54	
Benzo(b)fluoranthene	ND		54	
7,12-Dimethylbenzo(a)anthracene	ND		54	
Benzo(k)fluoranthene	ND		54	
Benzo(a)pyrene	ND		54	
Indeno(1,2,3-cd)pyrene	ND		54	
Dibenzo(a,h)anthracene	ND		54	
Benzo(ghi)perylene	ND		54	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X108B** Lab Sample ID: **SE31235-13**

Matrix: Soil Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 9:30

Sample Type: Sample Depth: Total Depth:

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 05/28/13 08:18

Units: mg/kg dry Analyzed: 05/31/13 10:44

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Aluminum	2740		10.8	
Arsenic *	ND	B1	2.16	
Barium	11.3		0.54	
Beryllium	ND		0.11	
Boron	8.40	B2	5.39	
Cadmium	2.85	B2	0.54	
Calcium	59900		32.3	
Chromium	4.63		0.54	
Cobalt	2.90		1.08	
Copper	7.74	B1	1.08	
Iron	8450	J6	108	
Lead	8.15	B1	0.54	
Magnesium	34100		53.9	
Manganese	271		1.62	
Nickel	6.78		0.54	
Potassium	646		216	
Silver	ND		0.54	
Sodium	ND		216	
Strontium	26.3		0.54	
Vanadium	7.29	B1	0.54	
Zinc	23.1	B2	5.39	
Antimony	ND	B2	2.16	
Selenium *	ND	B1	2.16	
Thallium	ND	B1	2.16	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X108B** Lab Sample ID: **SE31235-13**

Matrix: Soil Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 9:30

Sample Type: Sample Depth: Total Depth:

pH

Method: 9045C Prepared: 06/13/13 14:05

Units: PH Analyzed: 06/13/13 15:07

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Laboratory pH	8.0	Q	0.1	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X158A** Lab Sample ID: **SE31235-14**

Matrix: Soil Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 9:30

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/04/13 22:37

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Pyridine	ND		60	
2-Picoline	ND		60	
Methyl methanesulfonate	ND		60	
Ethyl methanesulfonate	ND		60	
Phenol	ND		60	
Bis(2-chloroethyl)ether	ND		60	
2-Chlorophenol	ND		60	
1,3-Dichlorobenzene	ND		60	
1,4-Dichlorobenzene	ND		60	
1,2-Dichlorobenzene	ND		60	
2-Methylphenol	ND		60	
2,2-Oxybis(1-chloropropane)	ND		60	
Acetophenone	ND		60	
4-Methylphenol	ND		60	
N-Nitrosodi-n-propylamine	ND		60	
Hexachloroethane	ND		60	
Nitrobenzene	ND		60	
N-Nitrosopiperidine	ND		60	
Isophorone	ND		60	
2-Nitrophenol	ND		60	
2,4-Dimethylphenol	ND		60	
Bis(2-chloroethoxy)methane	ND		60	
2,4-Dichlorophenol	ND		60	
1,2,4-Trichlorobenzene	ND		60	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X158A** Lab Sample ID: **SE31235-14**

Matrix: Soil Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 9:30

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/04/13 22:37

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Naphthalene	300		60	
4-Chloroaniline	ND		60	
2,6-Dichlorophenol	ND		60	
Hexachloropropene	ND		60	
Hexachlorobutadiene	ND		60	
N-Nitrosodi-n-butylamine	ND		60	
4-Chloro-3-methylphenol	ND		60	
Isosafrole	ND		60	
2-Methylnaphthalene	1300		60	
1,2,4,5-Tetrachlorobenzene	ND		60	
Hexachlorocyclopentadiene	ND		200	
2,4,6-Trichlorophenol	ND		60	
2,4,5-Trichlorophenol	ND		60	
Safrole	ND		60	
2-Chloronaphthalene	ND		60	
1-Chloronaphthalene	ND		60	
2-Nitroaniline	ND		60	
1,4-Dinitrobenzene	ND		60	
Dimethylphthalate	ND		60	
1,3-Dinitrobenzene *	ND		60	
2,6-Dinitrotoluene	ND		60	
Acenaphthylene	ND		60	
1,2-Dinitrobenzene	ND		60	
3-Nitroaniline	ND		60	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X158A** Lab Sample ID: **SE31235-14**

Matrix: Soil Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 9:30

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/04/13 22:37

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Acenaphthene	ND		60	
2,4-Dinitrophenol	ND		200	
4-Nitrophenol	ND		60	
Dibenzofuran	ND		60	
2,4-Dinitrotoluene	ND		60	
Pentachlorobenzene	ND		60	
1-Naphthylamine	ND		60	
2-Naphthylamine	ND		60	
2,3,4,6-Tetrachlorophenol	ND		60	
Diethylphthalate	ND		60	
4-Chlorophenyl phenyl ether	ND		60	
Fluorene	ND		60	
4-Nitroaniline	ND		60	
4,6-Dinitro-2-methylphenol	ND		400	
Diphenylamine	ND		60	
Azobenzene *	ND		60	
Phenacetin	ND		60	
4-Bromophenyl phenyl ether	ND		60	
Hexachlorobenzene	ND		60	
Pentachlorophenol	ND		600	
Pronamide	ND		60	
Pentachloronitrobenzene	ND		60	
Phenanthrene	ND		60	
Anthracene	ND		60	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X158A** Lab Sample ID: **SE31235-14**

Matrix: Soil Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 9:30

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/04/13 22:37

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Carbazole	ND		60	
4-Nitrobiphenyl	ND		60	
Di-n-butylphthalate	ND		60	
5-Nitroacenaphthene	ND		60	
Isodrin	ND		60	
Fluoranthene	ND		60	
Pyrene	ND		60	
p-Dimethylaminoazobenzene	ND		60	
Butyl benzyl phthalate	ND		60	
3,3-Dichlorobenzidine	ND		60	
Benzo(a)anthracene	ND		60	
Chrysene	ND		60	
Bis(2-ethylhexyl)phthalate	ND		200	
Mestranol	ND		60	
Di-n-octylphthalate	ND		60	
Benzo(b)fluoranthene	ND		60	
7,12-Dimethylbenzo(a)anthracene	ND		60	
Benzo(k)fluoranthene	ND		60	
Benzo(a)pyrene	ND		60	
Indeno(1,2,3-cd)pyrene	ND		60	
Dibenzo(a,h)anthracene	ND		60	
Benzo(ghi)perylene	ND		60	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X158A** Lab Sample ID: **SE31235-14**

Matrix: Soil Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 9:30

Sample Type: Sample Depth: Total Depth:

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 05/28/13 08:18

Units: mg/kg dry Analyzed: 05/31/13 10:47

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Aluminum	7320		12.0	
Arsenic *	ND	B1	2.40	
Barium	29.4		0.60	
Beryllium	0.15		0.12	
Boron	13.1	B2	6.01	
Cadmium	3.46	B2	0.60	
Calcium	53200		36.1	
Chromium	11.3		0.60	
Cobalt	4.83		1.20	
Copper	14.6	B1	1.20	
Iron	11300	J6	120	
Lead	10.6	B1	0.60	
Magnesium	28500		60.1	
Manganese	314		1.80	
Nickel	14.3		0.60	
Potassium	1700		240	
Silver	ND		0.60	
Sodium	ND		240	
Strontium	27.0		0.60	
Vanadium	24.7	B1	0.60	
Zinc	30.7	B2	6.01	
Antimony	ND	B2	2.40	
Selenium *	ND	B1	2.40	
Thallium	ND	B1	2.40	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X158A** Lab Sample ID: **SE31235-14**

Matrix: Soil Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 9:30

Sample Type: Sample Depth: Total Depth:

pH

Method: 9045C Prepared: 06/13/13 14:05

Units: PH Analyzed: 06/13/13 15:07

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Laboratory pH	7.4	Q	0.1	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X109** Lab Sample ID: **SE31235-15**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/22/13 12:15

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/04/13 23:35

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Pyridine	ND		58	
2-Picoline	ND		58	
Methyl methanesulfonate	ND		58	
Ethyl methanesulfonate	ND		58	
Phenol	ND		58	
Bis(2-chloroethyl)ether	ND		58	
2-Chlorophenol	ND		58	
1,3-Dichlorobenzene	ND		58	
1,4-Dichlorobenzene	ND		58	
1,2-Dichlorobenzene	ND		58	
2-Methylphenol	ND		58	
2,2-Oxybis(1-chloropropane)	ND		58	
Acetophenone	ND		58	
4-Methylphenol	ND		58	
N-Nitrosodi-n-propylamine	ND		58	
Hexachloroethane	ND		58	
Nitrobenzene	ND		58	
N-Nitrosopiperidine	ND		58	
Isophorone	ND		58	
2-Nitrophenol	ND		58	
2,4-Dimethylphenol	ND		58	
Bis(2-chloroethoxy)methane	ND		58	
2,4-Dichlorophenol	ND		58	
1,2,4-Trichlorobenzene	ND		58	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X109** Lab Sample ID: **SE31235-15**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/22/13 12:15

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/04/13 23:35

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Naphthalene	6200		58	
4-Chloroaniline	ND		58	
2,6-Dichlorophenol	ND		58	
Hexachloropropene	ND		58	
Hexachlorobutadiene	ND		58	
N-Nitrosodi-n-butylamine	ND		58	
4-Chloro-3-methylphenol	ND		58	
Isosafrole	ND		58	
2-Methylnaphthalene	5000		58	
1,2,4,5-Tetrachlorobenzene	ND		58	
Hexachlorocyclopentadiene	ND		200	
2,4,6-Trichlorophenol	ND		58	
2,4,5-Trichlorophenol	ND		58	
Safrole	ND		58	
2-Chloronaphthalene	ND		58	
1-Chloronaphthalene	ND		58	
2-Nitroaniline	ND		58	
1,4-Dinitrobenzene	ND		58	
Dimethylphthalate	ND		58	
1,3-Dinitrobenzene *	ND		58	
2,6-Dinitrotoluene	ND		58	
Acenaphthylene	ND		58	
1,2-Dinitrobenzene	ND		58	
3-Nitroaniline	ND		58	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X109** Lab Sample ID: **SE31235-15**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/22/13 12:15

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/04/13 23:35

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Acenaphthene	ND		58	
2,4-Dinitrophenol	ND		200	
4-Nitrophenol	ND		58	
Dibenzofuran	ND		58	
2,4-Dinitrotoluene	ND		58	
Pentachlorobenzene	ND		58	
1-Naphthylamine	ND		58	
2-Naphthylamine	ND		58	
2,3,4,6-Tetrachlorophenol	ND		58	
Diethylphthalate	ND		58	
4-Chlorophenyl phenyl ether	ND		58	
Fluorene	68		58	
4-Nitroaniline	ND		58	
4,6-Dinitro-2-methylphenol	ND		380	
Diphenylamine	ND		58	
Azobenzene *	ND		58	
Phenacetin	ND		58	
4-Bromophenyl phenyl ether	ND		58	
Hexachlorobenzene	ND		58	
Pentachlorophenol	ND		580	
Pronamide	ND		58	
Pentachloronitrobenzene	ND		58	
Phenanthrene	78		58	
Anthracene	ND		58	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X109** Lab Sample ID: **SE31235-15**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/22/13 12:15

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/04/13 23:35

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Carbazole	ND		58	
4-Nitrobiphenyl	ND		58	
Di-n-butylphthalate	ND		58	
5-Nitroacenaphthene	ND		58	
Isodrin	ND		58	
Fluoranthene	ND		58	
Pyrene	ND		58	
p-Dimethylaminoazobenzene	ND		58	
Butyl benzyl phthalate	ND		58	
3,3-Dichlorobenzidine	ND		58	
Benzo(a)anthracene	ND		58	
Chrysene	ND		58	
Bis(2-ethylhexyl)phthalate	ND		200	
Mestranol	ND		58	
Di-n-octylphthalate	ND		58	
Benzo(b)fluoranthene	ND		58	
7,12-Dimethylbenzo(a)anthracene	ND		58	
Benzo(k)fluoranthene	ND		58	
Benzo(a)pyrene	ND		58	
Indeno(1,2,3-cd)pyrene	ND		58	
Dibenzo(a,h)anthracene	ND		58	
Benzo(ghi)perylene	ND		58	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X109** Lab Sample ID: **SE31235-15**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/22/13 12:15

Sample Type: Sample Depth: Total Depth:

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 05/28/13 08:18

Units: mg/kg dry Analyzed: 05/31/13 10:51

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Aluminum	1400		11.5	
Arsenic *	ND	B1	2.30	
Barium	9.14		0.58	
Beryllium	ND		0.12	
Boron	ND	B2	5.76	
Cadmium	1.33	B2	0.58	
Calcium	39700		34.6	
Chromium	3.32		0.58	
Cobalt	2.13		1.15	
Copper	4.05	B1	1.15	
Iron	3370	J6	115	
Lead	6.62	B1	0.58	
Magnesium	15800		57.6	
Manganese	363		1.73	
Nickel	5.35		0.58	
Potassium	390		230	
Silver	ND		0.58	
Sodium	ND		230	
Strontium	19.2		0.58	
Vanadium	5.38	B1	0.58	
Zinc	18.2	B2	5.76	
Antimony	ND	B2	2.30	
Selenium *	ND	B1	2.30	
Thallium	ND	B1	2.30	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X109** Lab Sample ID: **SE31235-15**

Matrix: Soil Collected By: JIM SALCH Date/Time Collected: 05/22/13 12:15

Sample Type: Sample Depth: Total Depth:

pH

Method: 9045C Prepared: 06/13/13 14:05

Units: PH Analyzed: 06/13/13 15:07

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Laboratory pH	8.0	Q	0.1	

SPLP Metals by EPA Methods 1312/6010*

Method: 6010-SPLP Prepared: 07/03/13 09:06

Units: mg/L Analyzed: 07/09/13 09:47

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Antimony	ND		0.01	
Arsenic	ND		0.01	5
Barium	0.009		0.005	100
Beryllium	ND		0.001	
Cadmium	ND		0.003	1
Chromium	ND		0.005	5
Lead	0.01		0.005	5
Nickel	ND		0.005	
Selenium	ND		0.01	1
Silver	ND		0.003	5
Thallium	ND		0.01	
Iron	0.09		0.05	40000
Vanadium	ND		0.005	
Zinc	ND		0.02	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X110A** Lab Sample ID: **SE31235-16**

Matrix: Soil Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 15:05

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/05/13 00:34

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Pyridine	ND	J1	56	
2-Picoline	ND	J1	56	
Methyl methanesulfonate	ND	J1	56	
Ethyl methanesulfonate	ND	J1	56	
Phenol	ND	J1	56	
Bis(2-chloroethyl)ether	ND	J1	56	
2-Chlorophenol	ND	J1	56	
1,3-Dichlorobenzene	ND	J1	56	
1,4-Dichlorobenzene	ND	J1	56	
1,2-Dichlorobenzene	ND	J1	56	
2-Methylphenol	ND	J1	56	
2,2-Oxybis(1-chloropropane)	ND	J1	56	
Acetophenone	ND	J1	56	
4-Methylphenol	ND	J1	56	
N-Nitrosodi-n-propylamine	ND	J1	56	
Hexachloroethane	ND	J1	56	
Nitrobenzene	ND	J1	56	
N-Nitrosopiperidine	ND	J1	56	
Isophorone	ND	J1	56	
2-Nitrophenol	ND	J1	56	
2,4-Dimethylphenol	ND	J1	56	
Bis(2-chloroethoxy)methane	ND	J1	56	
2,4-Dichlorophenol	ND	J1	56	
1,2,4-Trichlorobenzene	ND	J1	56	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X110A** Lab Sample ID: **SE31235-16**

Matrix: Soil Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 15:05

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/05/13 00:34

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Naphthalene	1000	J1	56	
4-Chloroaniline	ND	J1	56	
2,6-Dichlorophenol	ND	J1	56	
Hexachloropropene	ND	J1	56	
Hexachlorobutadiene	ND	J1	56	
N-Nitrosodi-n-butylamine	ND	J1	56	
4-Chloro-3-methylphenol	ND	J1	56	
Isosafrole	ND	J1	56	
2-Methylnaphthalene	710	J1	56	
1,2,4,5-Tetrachlorobenzene	ND	J1	56	
Hexachlorocyclopentadiene	ND	J1	190	
2,4,6-Trichlorophenol	ND	J1	56	
2,4,5-Trichlorophenol	ND	J1	56	
Safrole	ND	J1	56	
2-Chloronaphthalene	ND	J1	56	
1-Chloronaphthalene	ND	J1	56	
2-Nitroaniline	ND	J1	56	
1,4-Dinitrobenzene	ND	J1	56	
Dimethylphthalate	ND	J1	56	
1,3-Dinitrobenzene *	ND	J1	56	
2,6-Dinitrotoluene	ND	J1	56	
Acenaphthylene	ND	J1	56	
1,2-Dinitrobenzene	ND	J1	56	
3-Nitroaniline	ND	J1	56	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X110A** Lab Sample ID: **SE31235-16**

Matrix: Soil Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 15:05

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/05/13 00:34

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Acenaphthene	ND	J1	56	
2,4-Dinitrophenol	ND	J1	190	
4-Nitrophenol	ND	J1	56	
Dibenzofuran	ND	J1	56	
2,4-Dinitrotoluene	ND	J1	56	
Pentachlorobenzene	ND	J1	56	
1-Naphthylamine	ND	J1	56	
2-Naphthylamine	ND	J1	56	
2,3,4,6-Tetrachlorophenol	ND	J1	56	
Diethylphthalate	ND	J1	56	
4-Chlorophenyl phenyl ether	ND	J1	56	
Fluorene	ND	J1	56	
4-Nitroaniline	ND	J1	56	
4,6-Dinitro-2-methylphenol	ND	J1	370	
Diphenylamine	ND	J1	56	
Azobenzene *	ND	J1	56	
Phenacetin	ND	J1	56	
4-Bromophenyl phenyl ether	ND	J1	56	
Hexachlorobenzene	ND	J1	56	
Pentachlorophenol	ND	J1	560	
Pronamide	ND	J1	56	
Pentachloronitrobenzene	ND	J1	56	
Phenanthrene	ND	J1	56	
Anthracene	ND	J1	56	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X110A** Lab Sample ID: **SE31235-16**

Matrix: Soil Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 15:05

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/05/13 00:34

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Carbazole	ND	J1	56	
4-Nitrobiphenyl	ND	J1	56	
Di-n-butylphthalate	ND	J1	56	
5-Nitroacenaphthene	ND	J1	56	
Isodrin	ND	J1	56	
Fluoranthene	ND	J1	56	
Pyrene	ND	J1	56	
p-Dimethylaminoazobenzene	ND	J1	56	
Butyl benzyl phthalate	ND	J1	56	
3,3-Dichlorobenzidine	ND	J1	56	
Benzo(a)anthracene	ND	J1	56	
Chrysene	ND	J1	56	
Bis(2-ethylhexyl)phthalate	ND	J1	190	
Mestranol	ND	J1	56	
Di-n-octylphthalate	ND	J1	56	
Benzo(b)fluoranthene	ND	J1	56	
7,12-Dimethylbenzo(a)anthracene	ND	J1	56	
Benzo(k)fluoranthene	ND	J1	56	
Benzo(a)pyrene	ND	J1	56	
Indeno(1,2,3-cd)pyrene	ND	J1	56	
Dibenzo(a,h)anthracene	ND	J1	56	
Benzo(ghi)perylene	ND	J1	56	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X110A** Lab Sample ID: **SE31235-16**

Matrix: Soil Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 15:05

Sample Type: Sample Depth: Total Depth:

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 05/28/13 08:18

Units: mg/kg dry Analyzed: 05/31/13 10:53

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Aluminum	5730		11.2	
Arsenic *	10.2	B1	2.25	
Barium	77.7		0.56	
Beryllium	1.14		0.11	
Boron	42.6	B2	5.62	
Cadmium	8.93	B2	0.56	
Calcium	49200		33.7	
Chromium	14.9		0.56	
Cobalt	8.69		1.12	
Copper	44.0	B1	1.12	
Iron	25800	J6	112	
Lead	156	B1	0.56	
Magnesium	25400		56.2	
Manganese	370		1.69	
Nickel	25.0		0.56	
Potassium	918		225	
Silver	ND		0.56	
Sodium	296		225	
Strontium	32.8		0.56	
Vanadium	17.3	B1	0.56	
Zinc	179	B2	5.62	
Antimony	ND	B2	2.25	
Selenium *	ND	B1	2.25	
Thallium	ND	B1	2.25	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X110A** Lab Sample ID: **SE31235-16**

Matrix: Soil Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 15:05

Sample Type: Sample Depth: Total Depth:

pH

Method: 9045C Prepared: 06/13/13 14:05

Units: PH Analyzed: 06/13/13 15:07

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Laboratory pH	7.4	Q	0.1	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X110B** Lab Sample ID: **SE31235-17**

Matrix: Soil Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 15:20

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/05/13 01:32

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Pyridine	ND		59	
2-Picoline	ND		59	
Methyl methanesulfonate	ND		59	
Ethyl methanesulfonate	ND		59	
Phenol	ND		59	
Bis(2-chloroethyl)ether	ND		59	
2-Chlorophenol	ND		59	
1,3-Dichlorobenzene	ND		59	
1,4-Dichlorobenzene	ND		59	
1,2-Dichlorobenzene	ND		59	
2-Methylphenol	ND		59	
2,2-Oxybis(1-chloropropane)	ND		59	
Acetophenone	ND		59	
4-Methylphenol	ND		59	
N-Nitrosodi-n-propylamine	ND		59	
Hexachloroethane	ND		59	
Nitrobenzene	ND		59	
N-Nitrosopiperidine	ND		59	
Isophorone	ND		59	
2-Nitrophenol	ND		59	
2,4-Dimethylphenol	ND		59	
Bis(2-chloroethoxy)methane	ND		59	
2,4-Dichlorophenol	ND		59	
1,2,4-Trichlorobenzene	ND		59	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X110B** Lab Sample ID: **SE31235-17**

Matrix: Soil Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 15:20

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/05/13 01:32

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Naphthalene	2900		59	
4-Chloroaniline	ND		59	
2,6-Dichlorophenol	ND		59	
Hexachloropropene	ND		59	
Hexachlorobutadiene	ND		59	
N-Nitrosodi-n-butylamine	ND		59	
4-Chloro-3-methylphenol	ND		59	
Isosafrole	ND		59	
2-Methylnaphthalene	5600		59	
1,2,4,5-Tetrachlorobenzene	ND		59	
Hexachlorocyclopentadiene	ND		200	
2,4,6-Trichlorophenol	ND		59	
2,4,5-Trichlorophenol	ND		59	
Safrole	ND		59	
2-Chloronaphthalene	ND		59	
1-Chloronaphthalene	ND		59	
2-Nitroaniline	ND		59	
1,4-Dinitrobenzene	ND		59	
Dimethylphthalate	ND		59	
1,3-Dinitrobenzene *	ND		59	
2,6-Dinitrotoluene	ND		59	
Acenaphthylene	ND		59	
1,2-Dinitrobenzene	ND		59	
3-Nitroaniline	ND		59	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X110B** Lab Sample ID: **SE31235-17**

Matrix: Soil Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 15:20

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/05/13 01:32

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Acenaphthene	ND		59	
2,4-Dinitrophenol	ND		200	
4-Nitrophenol	ND		59	
Dibenzofuran	180		59	
2,4-Dinitrotoluene	ND		59	
Pentachlorobenzene	ND		59	
1-Naphthylamine	ND		59	
2-Naphthylamine	ND		59	
2,3,4,6-Tetrachlorophenol	ND		59	
Diethylphthalate	ND		59	
4-Chlorophenyl phenyl ether	ND		59	
Fluorene	290		59	
4-Nitroaniline	ND		59	
4,6-Dinitro-2-methylphenol	ND		390	
Diphenylamine	ND		59	
Azobenzene *	ND		59	
Phenacetin	ND		59	
4-Bromophenyl phenyl ether	ND		59	
Hexachlorobenzene	ND		59	
Pentachlorophenol	ND		590	
Pronamide	ND		59	
Pentachloronitrobenzene	ND		59	
Phenanthrene	340		59	
Anthracene	ND		59	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X110B** Lab Sample ID: **SE31235-17**

Matrix: Soil Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 15:20

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/05/13 01:32

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Carbazole	ND		59	
4-Nitrobiphenyl	ND		59	
Di-n-butylphthalate	ND		59	
5-Nitroacenaphthene	ND		59	
Isodrin	ND		59	
Fluoranthene	ND		59	
Pyrene	ND		59	
p-Dimethylaminoazobenzene	ND		59	
Butyl benzyl phthalate	ND		59	
3,3-Dichlorobenzidine	ND		59	
Benzo(a)anthracene	ND		59	
Chrysene	ND		59	
Bis(2-ethylhexyl)phthalate	ND		200	
Mestranol	ND		59	
Di-n-octylphthalate	ND		59	
Benzo(b)fluoranthene	ND		59	
7,12-Dimethylbenzo(a)anthracene	ND		59	
Benzo(k)fluoranthene	ND		59	
Benzo(a)pyrene	ND		59	
Indeno(1,2,3-cd)pyrene	ND		59	
Dibenzo(a,h)anthracene	ND		59	
Benzo(ghi)perylene	ND		59	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X110B** Lab Sample ID: **SE31235-17**

Matrix: Soil Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 15:20

Sample Type: Sample Depth: Total Depth:

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 05/28/13 08:18

Units: mg/kg dry Analyzed: 05/31/13 11:04

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Aluminum	6500		11.8	
Arsenic *	ND	B1	2.35	
Barium	65.3		0.59	
Beryllium	0.18		0.12	
Boron	12.3	B2	5.89	
Cadmium	2.16	B2	0.59	
Calcium	31400		35.3	
Chromium	9.03		0.59	
Cobalt	2.65		1.18	
Copper	10.4	B1	1.18	
Iron	7230	J6	118	
Lead	10.9	B1	0.59	
Magnesium	16000		58.9	
Manganese	133		1.77	
Nickel	7.59		0.59	
Potassium	1730		235	
Silver	ND		0.59	
Sodium	ND		235	
Strontium	18.3		0.59	
Vanadium	13.2	B1	0.59	
Zinc	29.0	B2	5.89	
Antimony	ND	B2	2.35	
Selenium *	ND	B1	2.35	
Thallium	ND	B1	2.35	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X110B** Lab Sample ID: **SE31235-17**

Matrix: Soil Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 15:20

Sample Type: Sample Depth: Total Depth:

pH

Method: 9045C Prepared: 06/13/13 14:05

Units: PH Analyzed: 06/13/13 15:07

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Laboratory pH	8.0	Q	0.1	

SPLP Metals by EPA Methods 1312/6010*

Method: 6010-SPLP Prepared: 07/03/13 09:06

Units: mg/L Analyzed: 07/09/13 09:49

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Antimony	ND		0.01	
Arsenic	ND		0.01	5
Barium	0.009		0.005	100
Beryllium	ND		0.001	
Cadmium	ND		0.003	1
Chromium	ND		0.005	5
Lead	0.01		0.005	5
Nickel	ND		0.005	
Selenium	ND		0.01	1
Silver	ND		0.003	5
Thallium	ND		0.01	
Iron	0.63		0.05	40000
Vanadium	ND		0.005	
Zinc	ND		0.02	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X110C** Lab Sample ID: **SE31235-18**

Matrix: Soil Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 15:35

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/05/13 02:31

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Pyridine	ND		55	
2-Picoline	ND		55	
Methyl methanesulfonate	ND		55	
Ethyl methanesulfonate	ND		55	
Phenol	ND		55	
Bis(2-chloroethyl)ether	ND		55	
2-Chlorophenol	ND		55	
1,3-Dichlorobenzene	ND		55	
1,4-Dichlorobenzene	ND		55	
1,2-Dichlorobenzene	ND		55	
2-Methylphenol	ND		55	
2,2-Oxybis(1-chloropropane)	ND		55	
Acetophenone	ND		55	
4-Methylphenol	ND		55	
N-Nitrosodi-n-propylamine	ND		55	
Hexachloroethane	ND		55	
Nitrobenzene	ND		55	
N-Nitrosopiperidine	ND		55	
Isophorone	ND		55	
2-Nitrophenol	ND		55	
2,4-Dimethylphenol	ND		55	
Bis(2-chloroethoxy)methane	ND		55	
2,4-Dichlorophenol	ND		55	
1,2,4-Trichlorobenzene	ND		55	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X110C** Lab Sample ID: **SE31235-18**

Matrix: Soil Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 15:35

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/05/13 02:31

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Naphthalene	1300		55	
4-Chloroaniline	ND		55	
2,6-Dichlorophenol	ND		55	
Hexachloropropene	ND		55	
Hexachlorobutadiene	ND		55	
N-Nitrosodi-n-butylamine	ND		55	
4-Chloro-3-methylphenol	ND		55	
Isosafrole	ND		55	
2-Methylnaphthalene	1100		55	
1,2,4,5-Tetrachlorobenzene	ND		55	
Hexachlorocyclopentadiene	ND		190	
2,4,6-Trichlorophenol	ND		55	
2,4,5-Trichlorophenol	ND		55	
Safrole	ND		55	
2-Chloronaphthalene	ND		55	
1-Chloronaphthalene	ND		55	
2-Nitroaniline	ND		55	
1,4-Dinitrobenzene	ND		55	
Dimethylphthalate	ND		55	
1,3-Dinitrobenzene *	ND		55	
2,6-Dinitrotoluene	ND		55	
Acenaphthylene	ND		55	
1,2-Dinitrobenzene	ND		55	
3-Nitroaniline	ND		55	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X110C** Lab Sample ID: **SE31235-18**

Matrix: Soil Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 15:35

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/05/13 02:31

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Acenaphthene	ND		55	
2,4-Dinitrophenol	ND		190	
4-Nitrophenol	ND		55	
Dibenzofuran	ND		55	
2,4-Dinitrotoluene	ND		55	
Pentachlorobenzene	ND		55	
1-Naphthylamine	ND		55	
2-Naphthylamine	ND		55	
2,3,4,6-Tetrachlorophenol	ND		55	
Diethylphthalate	ND		55	
4-Chlorophenyl phenyl ether	ND		55	
Fluorene	ND		55	
4-Nitroaniline	ND		55	
4,6-Dinitro-2-methylphenol	ND		360	
Diphenylamine	ND		55	
Azobenzene *	ND		55	
Phenacetin	ND		55	
4-Bromophenyl phenyl ether	ND		55	
Hexachlorobenzene	ND		55	
Pentachlorophenol	ND		550	
Pronamide	ND		55	
Pentachloronitrobenzene	ND		55	
Phenanthrene	70		55	
Anthracene	ND		55	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X110C** Lab Sample ID: **SE31235-18**

Matrix: Soil Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 15:35

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/05/13 02:31

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Carbazole	ND		55	
4-Nitrobiphenyl	ND		55	
Di-n-butylphthalate	ND		55	
5-Nitroacenaphthene	ND		55	
Isodrin	ND		55	
Fluoranthene	ND		55	
Pyrene	ND		55	
p-Dimethylaminoazobenzene	ND		55	
Butyl benzyl phthalate	ND		55	
3,3-Dichlorobenzidine	ND		55	
Benzo(a)anthracene	ND		55	
Chrysene	ND		55	
Bis(2-ethylhexyl)phthalate	ND		190	
Mestranol	ND		55	
Di-n-octylphthalate	ND		55	
Benzo(b)fluoranthene	ND		55	
7,12-Dimethylbenzo(a)anthracene	ND		55	
Benzo(k)fluoranthene	ND		55	
Benzo(a)pyrene	ND		55	
Indeno(1,2,3-cd)pyrene	ND		55	
Dibenzo(a,h)anthracene	ND		55	
Benzo(ghi)perylene	ND		55	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X110C** Lab Sample ID: **SE31235-18**

Matrix: Soil Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 15:35

Sample Type: Sample Depth: Total Depth:

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 05/28/13 08:18

Units: mg/kg dry Analyzed: 05/31/13 11:07

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Aluminum	2300		11.0	
Arsenic *	ND	B1	2.21	
Barium	8.49		0.55	
Beryllium	ND		0.11	
Boron	8.97	B2	5.52	
Cadmium	2.35	B2	0.55	
Calcium	59000		33.1	
Chromium	4.92		0.55	
Cobalt	1.67		1.10	
Copper	4.82	B1	1.10	
Iron	7300	J6	110	
Lead	5.34	B1	0.55	
Magnesium	31400		55.2	
Manganese	176		1.66	
Nickel	4.09		0.55	
Potassium	676		221	
Silver	ND		0.55	
Sodium	ND		221	
Strontium	26.0		0.55	
Vanadium	15.2	B1	0.55	
Zinc	22.8	B2	5.52	
Antimony	ND	B2	2.21	
Selenium *	ND	B1	2.21	
Thallium	ND	B1	2.21	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X110C** Lab Sample ID: **SE31235-18**

Matrix: Soil Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 15:35

Sample Type: Sample Depth: Total Depth:

pH

Method: 9045C Prepared: 06/13/13 14:05

Units: PH Analyzed: 06/13/13 15:07

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Laboratory pH	8.2	Q	0.1	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X111A** Lab Sample ID: **SE31235-19**

Matrix: Soil Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 17:50

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/22/13 17:50

Units: ug/kg dry Analyzed: 06/13/13 16:23

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloromethane	ND	Q	1.6	
Vinyl chloride	ND	Q	1.6	
Bromomethane	ND	Q	1.6	
Chloroethane	ND	Q	1.6	
Trichlorofluoromethane	ND	Q	1.6	
Acetone	43	M, Q	8.1	
1,1-Dichloroethene	ND	Q	1.6	
Methylene chloride	ND	Q	4.1	
Carbon disulfide	ND	Q	1.6	
trans-1,2-Dichloroethene	ND	Q	1.6	
Methyl tert-butyl ether	ND	Q	1.6	
1,1-Dichloroethane	ND	Q	1.6	
2-Butanone (MEK) *	ND	Q	8.1	
cis-1,2-Dichloroethene	ND	Q	1.6	
Bromochloromethane	ND	Q	1.6	
Chloroform	ND	Q	1.6	
2,2-Dichloropropane	ND	Q	1.6	
1,2-Dichloroethane	ND	Q	1.6	
1,1,1-Trichloroethane	ND	Q	1.6	
1,1-Dichloropropene	ND	Q	1.6	
Carbon tetrachloride	ND	Q	1.6	
Benzene	ND	Q	1.6	
Dibromomethane	ND	Q	1.6	
1,2-Dichloropropane	ND	Q	1.6	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X111A** Lab Sample ID: **SE31235-19**

Matrix: Soil Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 17:50

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/22/13 17:50

Units: ug/kg dry Analyzed: 06/13/13 16:23

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Trichloroethene	ND	Q	1.6	
Bromodichloromethane	ND	Q	1.6	
cis-1,3-Dichloropropene	ND	Q	1.6	
4-Methyl-2-pentanone (MIBK)	ND	Q	1.6	
trans-1,3-Dichloropropene	ND	Q	1.6	
1,1,2-Trichloroethane	ND	Q	1.6	
Toluene	2.3	Q	1.6	
1,3-Dichloropropane	ND	Q	1.6	
2-Hexanone (MBK) *	ND	Q	1.6	
Dibromochloromethane	ND	Q	1.6	
1,2-Dibromoethane	ND	Q	1.6	
Tetrachloroethene	ND	Q	1.6	
1,1,1,2-Tetrachloroethane	ND	Q	1.6	
Chlorobenzene	ND	Q	1.6	
Ethylbenzene	ND	Q	1.6	
Bromoform	ND	Q	1.6	
Styrene	ND	Q	1.6	
1,1,2,2-Tetrachloroethane	ND	Q	1.6	
Xylenes, total	ND	Q	1.6	
1,2,3-Trichloropropane	ND	Q	1.6	
Isopropylbenzene	ND	Q	1.6	
Bromobenzene	ND	Q	1.6	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X111A** Lab Sample ID: **SE31235-19**

Matrix: Soil Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 17:50

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/05/13 18:20

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Pyridine	ND		53	
2-Picoline	ND		53	
Methyl methanesulfonate	ND		53	
Ethyl methanesulfonate	ND		53	
Phenol	ND		53	
Bis(2-chloroethyl)ether	ND		53	
2-Chlorophenol	ND		53	
1,3-Dichlorobenzene	ND		53	
1,4-Dichlorobenzene	ND		53	
1,2-Dichlorobenzene	ND		53	
2-Methylphenol	ND		53	
2,2-Oxybis(1-chloropropane)	ND		53	
Acetophenone	ND		53	
4-Methylphenol	ND		53	
N-Nitrosodi-n-propylamine	ND		53	
Hexachloroethane	ND		53	
Nitrobenzene	ND		53	
N-Nitrosopiperidine	ND		53	
Isophorone	ND		53	
2-Nitrophenol	ND		53	
2,4-Dimethylphenol	ND		53	
Bis(2-chloroethoxy)methane	ND		53	
2,4-Dichlorophenol	ND		53	
1,2,4-Trichlorobenzene	ND		53	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X111A** Lab Sample ID: **SE31235-19**

Matrix: Soil Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 17:50

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/05/13 18:20

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Naphthalene	ND		53	
4-Chloroaniline	ND		53	
2,6-Dichlorophenol	ND		53	
Hexachloropropene	ND		53	
Hexachlorobutadiene	ND		53	
N-Nitrosodi-n-butylamine	ND		53	
4-Chloro-3-methylphenol	ND		53	
Isosafrole	ND		53	
2-Methylnaphthalene	ND		53	
1,2,4,5-Tetrachlorobenzene	ND		53	
Hexachlorocyclopentadiene	ND		180	
2,4,6-Trichlorophenol	ND		53	
2,4,5-Trichlorophenol	ND		53	
Safrole	ND		53	
2-Chloronaphthalene	ND		53	
1-Chloronaphthalene	ND		53	
2-Nitroaniline	ND		53	
1,4-Dinitrobenzene	ND		53	
Dimethylphthalate	ND		53	
1,3-Dinitrobenzene *	ND		53	
2,6-Dinitrotoluene	ND		53	
Acenaphthylene	ND		53	
1,2-Dinitrobenzene	ND		53	
3-Nitroaniline	ND		53	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X111A** Lab Sample ID: **SE31235-19**

Matrix: Soil Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 17:50

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/05/13 18:20

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Acenaphthene	ND		53	
2,4-Dinitrophenol	ND		180	
4-Nitrophenol	ND		53	
Dibenzofuran	ND		53	
2,4-Dinitrotoluene	ND		53	
Pentachlorobenzene	ND		53	
1-Naphthylamine	ND		53	
2-Naphthylamine	ND		53	
2,3,4,6-Tetrachlorophenol	ND		53	
Diethylphthalate	ND		53	
4-Chlorophenyl phenyl ether	ND		53	
Fluorene	ND		53	
4-Nitroaniline	ND		53	
4,6-Dinitro-2-methylphenol	ND		350	
Diphenylamine	ND		53	
Azobenzene *	ND		53	
Phenacetin	ND		53	
4-Bromophenyl phenyl ether	ND		53	
Hexachlorobenzene	ND		53	
Pentachlorophenol	ND		530	
Pronamide	ND		53	
Pentachloronitrobenzene	ND		53	
Phenanthrene	ND		53	
Anthracene	ND		53	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X111A** Lab Sample ID: **SE31235-19**

Matrix: Soil Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 17:50

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 07/05/13 18:20

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Carbazole	ND		53	
4-Nitrobiphenyl	ND		53	
Di-n-butylphthalate	ND		53	
5-Nitroacenaphthene	ND		53	
Isodrin	ND		53	
Fluoranthene	ND		53	
Pyrene	ND		53	
p-Dimethylaminoazobenzene	ND		53	
Butyl benzyl phthalate	ND		53	
3,3-Dichlorobenzidine	ND		53	
Benzo(a)anthracene	ND		53	
Chrysene	ND		53	
Bis(2-ethylhexyl)phthalate	ND		180	
Mestranol	ND		53	
Di-n-octylphthalate	ND		53	
Benzo(b)fluoranthene	ND		53	
7,12-Dimethylbenzo(a)anthracene	ND		53	
Benzo(k)fluoranthene	ND		53	
Benzo(a)pyrene	ND		53	
Indeno(1,2,3-cd)pyrene	ND		53	
Dibenzo(a,h)anthracene	ND		53	
Benzo(ghi)perylene	ND		53	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X111A** Lab Sample ID: **SE31235-19**

Matrix: Soil Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 17:50

Sample Type: Sample Depth: Total Depth:

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 05/28/13 08:18

Units: mg/kg dry Analyzed: 05/31/13 11:10

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Aluminum	14600		10.6	
Arsenic *	ND	B1	2.12	
Barium	48.0		0.53	
Beryllium	0.43		0.11	
Boron	22.3	B2	5.31	
Cadmium	4.38	B2	0.53	
Calcium	40400		31.8	
Chromium	20.2		0.53	
Cobalt	8.04		1.06	
Copper	17.0	B1	1.06	
Iron	14400	J6	106	
Lead	6.12	B1	0.53	
Magnesium	21600		53.1	
Manganese	278		1.59	
Nickel	22.2		0.53	
Potassium	3780		212	
Silver	ND		0.53	
Sodium	269		212	
Strontium	31.3		0.53	
Vanadium	24.4	B1	0.53	
Zinc	44.3	B2	5.31	
Antimony	ND	B2	2.12	
Selenium *	ND	B1	2.12	
Thallium	ND	B1	2.12	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X111A** Lab Sample ID: **SE31235-19**

Matrix: Soil Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 17:50

Sample Type: Sample Depth: Total Depth:

pH

Method: 9045C Prepared: 06/13/13 14:05

Units: PH Analyzed: 06/13/13 15:07

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Laboratory pH	8.1	Q	0.1	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X111B** Lab Sample ID: **SE31235-20**

Matrix: Soil Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 17:50

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/22/13 17:55

Units: ug/kg dry Analyzed: 06/13/13 16:55

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloromethane	ND	Q	2.1	
Vinyl chloride	ND	Q	2.1	
Bromomethane	ND	Q	2.1	
Chloroethane	ND	Q	2.1	
Trichlorofluoromethane	ND	Q	2.1	
Acetone	ND	Q	10	
1,1-Dichloroethene	ND	Q	2.1	
Methylene chloride	ND	Q	5.1	
Carbon disulfide	ND	Q	2.1	
trans-1,2-Dichloroethene	ND	Q	2.1	
Methyl tert-butyl ether	ND	Q	2.1	
1,1-Dichloroethane	ND	Q	2.1	
2-Butanone (MEK) *	ND	Q	10	
cis-1,2-Dichloroethene	ND	Q	2.1	
Bromochloromethane	ND	Q	2.1	
Chloroform	ND	Q	2.1	
2,2-Dichloropropane	ND	Q	2.1	
1,2-Dichloroethane	ND	Q	2.1	
1,1,1-Trichloroethane	ND	Q	2.1	
1,1-Dichloropropene	ND	Q	2.1	
Carbon tetrachloride	ND	Q	2.1	
Benzene	ND	Q	2.1	
Dibromomethane	ND	Q	2.1	
1,2-Dichloropropane	ND	Q	2.1	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X111B** Lab Sample ID: **SE31235-20**

Matrix: Soil Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 17:50

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/22/13 17:55

Units: ug/kg dry Analyzed: 06/13/13 16:55

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Trichloroethene	ND	Q	2.1	
Bromodichloromethane	ND	Q	2.1	
cis-1,3-Dichloropropene	ND	Q	2.1	
4-Methyl-2-pentanone (MIBK)	ND	Q	2.1	
trans-1,3-Dichloropropene	ND	Q	2.1	
1,1,2-Trichloroethane	ND	Q	2.1	
Toluene	72	Q	2.1	
1,3-Dichloropropane	ND	Q	2.1	
2-Hexanone (MBK) *	ND	Q	2.1	
Dibromochloromethane	ND	Q	2.1	
1,2-Dibromoethane	ND	Q	2.1	
Tetrachloroethene	ND	Q	2.1	
1,1,1,2-Tetrachloroethane	ND	Q	2.1	
Chlorobenzene	ND	Q	2.1	
Ethylbenzene	210	L, Q	2.1	
Bromoform	ND	Q	2.1	
Styrene	ND	Q	2.1	
1,1,2,2-Tetrachloroethane	ND	Q	2.1	
Xylenes, total	620	L, Q	2.1	
1,2,3-Trichloropropane	ND	Q	2.1	
Isopropylbenzene	33	Q	2.1	
Bromobenzene	ND	Q	2.1	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X111B** Lab Sample ID: **SE31235-20**

Matrix: Soil Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 17:50

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 06/28/13 20:46

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Pyridine	ND		62	
2-Picoline	ND		62	
Methyl methanesulfonate	ND		62	
Ethyl methanesulfonate	ND		62	
Phenol	ND		62	
Bis(2-chloroethyl)ether	ND		62	
2-Chlorophenol	ND		62	
1,3-Dichlorobenzene	ND		62	
1,4-Dichlorobenzene	ND		62	
1,2-Dichlorobenzene	ND		62	
2-Methylphenol	ND		62	
2,2-Oxybis(1-chloropropane)	ND		62	
Acetophenone	ND		62	
4-Methylphenol	ND		62	
N-Nitrosodi-n-propylamine	ND		62	
Hexachloroethane	ND		62	
Nitrobenzene	ND		62	
N-Nitrosopiperidine	ND		62	
Isophorone	ND		62	
2-Nitrophenol	ND		62	
2,4-Dimethylphenol	ND		62	
Bis(2-chloroethoxy)methane	ND		62	
2,4-Dichlorophenol	ND		62	
1,2,4-Trichlorobenzene	ND		62	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X111B** Lab Sample ID: **SE31235-20**

Matrix: Soil Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 17:50

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 06/28/13 20:46

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Naphthalene	370		62	
4-Chloroaniline	ND		62	
2,6-Dichlorophenol	ND		62	
Hexachloropropene	ND		62	
Hexachlorobutadiene	ND		62	
N-Nitrosodi-n-butylamine	ND		62	
4-Chloro-3-methylphenol	ND		62	
Isosafrole	ND		62	
2-Methylnaphthalene	160		62	
1,2,4,5-Tetrachlorobenzene	ND		62	
Hexachlorocyclopentadiene	ND		210	
2,4,6-Trichlorophenol	ND		62	
2,4,5-Trichlorophenol	ND		62	
Safrole	ND		62	
2-Chloronaphthalene	ND		62	
1-Chloronaphthalene	ND		62	
2-Nitroaniline	ND		62	
1,4-Dinitrobenzene	ND		62	
Dimethylphthalate	ND		62	
1,3-Dinitrobenzene *	ND		62	
2,6-Dinitrotoluene	ND		62	
Acenaphthylene	ND		62	
1,2-Dinitrobenzene	ND		62	
3-Nitroaniline	ND		62	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X111B** Lab Sample ID: **SE31235-20**

Matrix: Soil Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 17:50

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 06/28/13 20:46

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Acenaphthene	ND		62	
2,4-Dinitrophenol	ND		210	
4-Nitrophenol	ND		62	
Dibenzofuran	ND		62	
2,4-Dinitrotoluene	ND		62	
Pentachlorobenzene	ND		62	
1-Naphthylamine	ND		62	
2-Naphthylamine	ND		62	
2,3,4,6-Tetrachlorophenol	ND		62	
Diethylphthalate	ND		62	
4-Chlorophenyl phenyl ether	ND		62	
Fluorene	ND		62	
4-Nitroaniline	ND		62	
4,6-Dinitro-2-methylphenol	ND		410	
Diphenylamine	ND		62	
Azobenzene *	ND		62	
Phenacetin	ND		62	
4-Bromophenyl phenyl ether	ND		62	
Hexachlorobenzene	ND		62	
Pentachlorophenol	ND		620	
Pronamide	ND		62	
Pentachloronitrobenzene	ND		62	
Phenanthrene	ND		62	
Anthracene	ND		62	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X111B** Lab Sample ID: **SE31235-20**

Matrix: Soil Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 17:50

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/30/13 11:24

Units: ug/kg dry Analyzed: 06/28/13 20:46

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Carbazole	ND		62	
4-Nitrobiphenyl	ND		62	
Di-n-butylphthalate	ND		62	
5-Nitroacenaphthene	ND		62	
Isodrin	ND		62	
Fluoranthene	ND		62	
Pyrene	ND		62	
p-Dimethylaminoazobenzene	ND		62	
Butyl benzyl phthalate	ND		62	
3,3-Dichlorobenzidine	ND		62	
Benzo(a)anthracene	ND		62	
Chrysene	ND		62	
Bis(2-ethylhexyl)phthalate	ND		210	
Mestranol	ND		62	
Di-n-octylphthalate	ND		62	
Benzo(b)fluoranthene	ND		62	
7,12-Dimethylbenzo(a)anthracene	ND		62	
Benzo(k)fluoranthene	ND		62	
Benzo(a)pyrene	ND		62	
Indeno(1,2,3-cd)pyrene	ND		62	
Dibenzo(a,h)anthracene	ND		62	
Benzo(ghi)perylene	ND		62	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X111B** Lab Sample ID: **SE31235-20**

Matrix: Soil Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 17:50

Sample Type: Sample Depth: Total Depth:

Metals by EPA Method 6010 - ICP

Method: SW-846 6010 Prepared: 05/28/13 08:18

Units: mg/kg dry Analyzed: 05/31/13 11:13

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Aluminum	5030		12.5	
Arsenic *	ND	B1	2.49	
Barium	25.4		0.62	
Beryllium	ND		0.12	
Boron	13.9	B2	6.23	
Cadmium	3.73	B2	0.62	
Calcium	84500		37.4	
Chromium	7.22		0.62	
Cobalt	4.20		1.25	
Copper	10.6	B1	1.25	
Iron	11400	J6	125	
Lead	2.53	B1	0.62	
Magnesium	46400		62.3	
Manganese	360		1.87	
Nickel	9.59		0.62	
Potassium	1370		249	
Silver	ND		0.62	
Sodium	283		249	
Strontium	36.8		0.62	
Vanadium	13.9	B1	0.62	
Zinc	38.7	B2	6.23	
Antimony	ND	B2	2.49	
Selenium *	ND	B1	2.49	
Thallium	ND	B1	2.49	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X111B** Lab Sample ID: **SE31235-20**

Matrix: Soil Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 17:50

Sample Type: Sample Depth: Total Depth:

pH

Method: 9045C Prepared: 06/13/13 14:05

Units: PH Analyzed: 06/13/13 15:07

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Laboratory pH	8.1	Q	0.1	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X101A** Lab Sample ID: **SE31235-21**

Matrix: Soil-- methanol Collected By: JIM SALCH Date/Time Collected: 05/20/13 14:50

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/20/13 14:50

Units: ug/kg dry Analyzed: 05/30/13 17:58

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Ethylbenzene	490		160	
Isopropylbenzene	630		160	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X101B** Lab Sample ID: **SE31235-22**

Matrix: Soil-- methanol Collected By: JIM SALCH Date/Time Collected: 05/20/13 14:20

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/20/13 14:20

Units: ug/kg dry Analyzed: 05/30/13 18:32

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Ethylbenzene	5900		190	
Xylenes, total	18000		190	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X104A** Lab Sample ID: **SE31235-23**

Matrix: Soil-- methanol Collected By: JIM SALCH Date/Time Collected: 05/21/13 11:45

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/21/13 11:45

Units: ug/kg dry Analyzed: 05/30/13 20:14

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Ethylbenzene	ND		190	
Xylenes, total	ND		190	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X106A** Lab Sample ID: **SE31235-24**

Matrix: Soil-- methanol Collected By: JIM SALCH Date/Time Collected: 05/21/13 15:10

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/21/13 15:10

Units: ug/kg dry Analyzed: 05/30/13 20:49

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Ethylbenzene	1000		160	
Isopropylbenzene	1100		160	
Xylenes, total	2200		160	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X108B** Lab Sample ID: **SE31235-25**

Matrix: Soil-- methanol Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 9:30

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/22/13 10:05

Units: ug/kg dry Analyzed: 06/20/13 20:24

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Toluene	540	Q	160	
Ethylbenzene	37000		1600	
Isopropylbenzene	5700		1600	
Xylenes, total	97000		1600	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X158A** Lab Sample ID: **SE31235-26**

Matrix: Soil-- methanol Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 9:30

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/22/13 09:30

Units: ug/kg dry Analyzed: 05/30/13 21:57

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloromethane	ND		180	
Vinyl chloride	ND	J7	180	
Bromomethane	ND		180	
Chloroethane	ND		180	
Trichlorofluoromethane	ND		180	
Acetone	ND		920	
1,1-Dichloroethene	ND		180	
Methylene chloride	ND		460	
Carbon disulfide	ND		180	
trans-1,2-Dichloroethene	ND		180	
Methyl tert-butyl ether	ND		180	
1,1-Dichloroethane	ND		180	
2-Butanone (MEK) *	ND		920	
cis-1,2-Dichloroethene	ND		180	
Bromochloromethane	ND		180	
Chloroform	ND		180	
2,2-Dichloropropane	ND		180	
1,2-Dichloroethane	ND		180	
1,1,1-Trichloroethane	ND		180	
1,1-Dichloropropene	ND		180	
Carbon tetrachloride	ND		180	
Benzene	ND		180	
Dibromomethane	ND		180	
1,2-Dichloropropane	ND		180	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X158A** Lab Sample ID: **SE31235-26**

Matrix: Soil-- methanol Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 9:30

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/22/13 09:30

Units: ug/kg dry Analyzed: 05/30/13 21:57

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Trichloroethene	ND		180	
Bromodichloromethane	ND		180	
cis-1,3-Dichloropropene	ND		180	
4-Methyl-2-pentanone (MIBK)	ND		180	
trans-1,3-Dichloropropene	ND		180	
1,1,2-Trichloroethane	ND		180	
Toluene	ND		180	
1,3-Dichloropropane	ND		180	
2-Hexanone (MBK) *	ND		180	
Dibromochloromethane	ND		180	
1,2-Dibromoethane	ND		180	
Tetrachloroethene	ND		180	
1,1,1,2-Tetrachloroethane	ND		180	
Chlorobenzene	ND		180	
Ethylbenzene	300		180	
Bromoform	ND		180	
Styrene	ND		180	
1,1,2,2-Tetrachloroethane	ND		180	
1,2,3-Trichloropropane	ND		180	
Isopropylbenzene	230		180	
Bromobenzene	ND		180	
Xylenes, total	290		180	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X109** Lab Sample ID: **SE31235-27**

Matrix: Soil-- methanol Collected By: JIM SALCH Date/Time Collected: 05/22/13 12:15

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/22/13 12:15

Units: ug/kg dry Analyzed: 06/11/13 17:54

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloromethane	ND	Q	180	
Vinyl chloride	ND	Q, J7	180	
Bromomethane	ND	Q	180	
Chloroethane	ND	Q	180	
Trichlorofluoromethane	ND	Q	180	
Acetone	ND	Q	880	
1,1-Dichloroethene	ND	Q	180	
Methylene chloride	ND	Q	440	
Carbon disulfide	ND	Q	180	
trans-1,2-Dichloroethene	ND	Q	180	
Methyl tert-butyl ether	ND	Q	180	
1,1-Dichloroethane	ND	Q	180	
2-Butanone (MEK) *	ND	Q	880	
cis-1,2-Dichloroethene	ND	Q	180	
Bromochloromethane	ND	Q	180	
Chloroform	ND	Q	180	
2,2-Dichloropropane	ND	Q	180	
1,2-Dichloroethane	ND	Q	180	
1,1,1-Trichloroethane	ND	Q	180	
1,1-Dichloropropene	ND	Q	180	
Carbon tetrachloride	ND	Q	180	
Benzene	ND	Q	180	
Dibromomethane	ND	Q	180	
1,2-Dichloropropane	ND	Q	180	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X109** Lab Sample ID: **SE31235-27**

Matrix: Soil-- methanol Collected By: JIM SALCH Date/Time Collected: 05/22/13 12:15

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/22/13 12:15

Units: ug/kg dry Analyzed: 06/11/13 17:54

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Trichloroethene	ND	Q	180	
Bromodichloromethane	ND	Q	180	
cis-1,3-Dichloropropene	ND	Q	180	
4-Methyl-2-pentanone (MIBK)	ND	Q	180	
trans-1,3-Dichloropropene	ND	Q	180	
1,1,2-Trichloroethane	ND	Q	180	
Toluene	900	Q	180	
1,3-Dichloropropane	ND	Q	180	
2-Hexanone (MBK) *	ND	Q	180	
Dibromochloromethane	ND	Q	180	
1,2-Dibromoethane	ND	Q	180	
Tetrachloroethene	ND	Q	180	
1,1,1,2-Tetrachloroethane	ND	Q	180	
Chlorobenzene	ND	Q	180	
Ethylbenzene	6800	Q	180	
Bromoform	ND	Q	180	
Styrene	ND	Q	180	
1,1,2,2-Tetrachloroethane	ND	Q	180	
1,2,3-Trichloropropane	ND	Q	180	
Isopropylbenzene	420	Q	180	
Bromobenzene	ND	Q	180	
Xylenes, total	30000	Q	180	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X110A** Lab Sample ID: **SE31235-28**

Matrix: Soil-- methanol Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 15:05

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/22/13 15:05

Units: ug/kg dry Analyzed: 06/11/13 21:03

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloromethane	ND	Q	190	
Vinyl chloride	ND	Q, J7	190	
Bromomethane	ND	Q	190	
Chloroethane	ND	Q	190	
Trichlorofluoromethane	ND	Q	190	
Acetone	ND	Q	970	
1,1-Dichloroethene	ND	Q	190	
Methylene chloride	ND	Q	490	
Carbon disulfide	ND	Q	190	
trans-1,2-Dichloroethene	ND	Q	190	
Methyl tert-butyl ether	ND	Q	190	
1,1-Dichloroethane	ND	Q	190	
2-Butanone (MEK) *	ND	Q	970	
cis-1,2-Dichloroethene	ND	Q	190	
Bromochloromethane	ND	Q	190	
Chloroform	ND	Q	190	
2,2-Dichloropropane	ND	Q	190	
1,2-Dichloroethane	ND	Q	190	
1,1,1-Trichloroethane	ND	Q	190	
1,1-Dichloropropene	ND	Q	190	
Carbon tetrachloride	ND	Q	190	
Benzene	290	Q	190	
Dibromomethane	ND	Q	190	
1,2-Dichloropropane	ND	Q	190	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X110A** Lab Sample ID: **SE31235-28**

Matrix: Soil-- methanol Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 15:05

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/22/13 15:05

Units: ug/kg dry Analyzed: 06/11/13 21:03

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Trichloroethene	ND	Q	190	
Bromodichloromethane	ND	Q	190	
cis-1,3-Dichloropropene	ND	Q	190	
4-Methyl-2-pentanone (MIBK)	ND	Q	190	
trans-1,3-Dichloropropene	ND	Q	190	
1,1,2-Trichloroethane	ND	Q	190	
Toluene	3500	Q	190	
1,3-Dichloropropane	ND	Q	190	
2-Hexanone (MBK) *	ND	Q	190	
Dibromochloromethane	ND	Q	190	
1,2-Dibromoethane	ND	Q	190	
Tetrachloroethene	ND	Q	190	
1,1,1,2-Tetrachloroethane	ND	Q	190	
Chlorobenzene	ND	Q	190	
Ethylbenzene	69000	Q	1900	
Bromoform	ND	Q	190	
Styrene	ND	Q	190	
1,1,2,2-Tetrachloroethane	ND	Q	190	
1,2,3-Trichloropropane	ND	Q	190	
Isopropylbenzene	16000	Q	1900	
Bromobenzene	ND	Q	190	
Xylenes, total	310000	Q	1900	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X110B** Lab Sample ID: **SE31235-29**

Matrix: Soil-- methanol Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 15:20

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/22/13 15:20

Units: ug/kg dry Analyzed: 06/11/13 18:57

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloromethane	ND	Q	160	
Vinyl chloride	ND	Q, J7	160	
Bromomethane	ND	Q	160	
Chloroethane	ND	Q	160	
Trichlorofluoromethane	ND	Q	160	
Acetone	ND	Q	800	
1,1-Dichloroethene	ND	Q	160	
Methylene chloride	ND	Q	400	
Carbon disulfide	ND	Q	160	
trans-1,2-Dichloroethene	ND	Q	160	
Methyl tert-butyl ether	ND	Q	160	
1,1-Dichloroethane	ND	Q	160	
2-Butanone (MEK) *	ND	Q	800	
cis-1,2-Dichloroethene	ND	Q	160	
Bromochloromethane	ND	Q	160	
Chloroform	ND	Q	160	
2,2-Dichloropropane	ND	Q	160	
1,2-Dichloroethane	ND	Q	160	
1,1,1-Trichloroethane	ND	Q	160	
1,1-Dichloropropene	ND	Q	160	
Carbon tetrachloride	ND	Q	160	
Benzene	ND	Q	160	
Dibromomethane	ND	Q	160	
1,2-Dichloropropane	ND	Q	160	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X110B** Lab Sample ID: **SE31235-29**

Matrix: Soil-- methanol Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 15:20

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/22/13 15:20

Units: ug/kg dry Analyzed: 06/11/13 18:57

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Trichloroethene	ND	Q	160	
Bromodichloromethane	ND	Q	160	
cis-1,3-Dichloropropene	ND	Q	160	
4-Methyl-2-pentanone (MIBK)	ND	Q	160	
trans-1,3-Dichloropropene	ND	Q	160	
1,1,2-Trichloroethane	ND	Q	160	
Toluene	ND	Q	160	
1,3-Dichloropropane	ND	Q	160	
2-Hexanone (MBK) *	ND	Q	160	
Dibromochloromethane	ND	Q	160	
1,2-Dibromoethane	ND	Q	160	
Tetrachloroethene	ND	Q	160	
1,1,1,2-Tetrachloroethane	ND	Q	160	
Chlorobenzene	ND	Q	160	
Ethylbenzene	39000	Q	1600	
Bromoform	ND	Q	160	
Styrene	ND	Q	160	
1,1,2,2-Tetrachloroethane	ND	Q	160	
1,2,3-Trichloropropane	ND	Q	160	
Isopropylbenzene	4200	Q	160	
Bromobenzene	ND	Q	160	
Xylenes, total	130000	Q	1600	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X110C** Lab Sample ID: **SE31235-30**

Matrix: Soil-- methanol Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 15:35

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/22/13 15:35

Units: ug/kg dry Analyzed: 06/11/13 19:28

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloromethane	ND	Q	180	
Vinyl chloride	ND	J7, Q	180	
Bromomethane	ND	Q	180	
Chloroethane	ND	Q	180	
Trichlorofluoromethane	ND	Q	180	
Acetone	ND	Q	900	
1,1-Dichloroethene	ND	Q	180	
Methylene chloride	ND	Q	450	
Carbon disulfide	ND	Q	180	
trans-1,2-Dichloroethene	ND	Q	180	
Methyl tert-butyl ether	ND	Q	180	
1,1-Dichloroethane	ND	Q	180	
2-Butanone (MEK) *	ND	Q	900	
cis-1,2-Dichloroethene	ND	Q	180	
Bromochloromethane	ND	Q	180	
Chloroform	ND	Q	180	
2,2-Dichloropropane	ND	Q	180	
1,2-Dichloroethane	ND	Q	180	
1,1,1-Trichloroethane	ND	Q	180	
1,1-Dichloropropene	ND	Q	180	
Carbon tetrachloride	ND	Q	180	
Benzene	ND	Q	180	
Dibromomethane	ND	Q	180	
1,2-Dichloropropane	ND	Q	180	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X110C** Lab Sample ID: **SE31235-30**

Matrix: Soil-- methanol Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 15:35

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/22/13 15:35

Units: ug/kg dry Analyzed: 06/11/13 19:28

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Trichloroethene	ND	Q	180	
Bromodichloromethane	ND	Q	180	
cis-1,3-Dichloropropene	ND	Q	180	
4-Methyl-2-pentanone (MIBK)	ND	Q	180	
trans-1,3-Dichloropropene	ND	Q	180	
1,1,2-Trichloroethane	ND	Q	180	
Toluene	12000	Q	180	
1,3-Dichloropropane	ND	Q	180	
2-Hexanone (MBK) *	ND	Q	180	
Dibromochloromethane	ND	Q	180	
1,2-Dibromoethane	ND	Q	180	
Tetrachloroethene	ND	Q	180	
1,1,1,2-Tetrachloroethane	ND	Q	180	
Chlorobenzene	ND	Q	180	
Ethylbenzene	69000	Q	1800	
Bromoform	ND	Q	180	
Styrene	ND	Q	180	
1,1,2,2-Tetrachloroethane	ND	Q	180	
1,2,3-Trichloropropane	ND	Q	180	
Isopropylbenzene	6500	Q	180	
Bromobenzene	ND	Q	180	
Xylenes, total	350000	Q	1800	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X111B** Lab Sample ID: **SE31235-31**

Matrix: Soil-- methanol Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 17:50

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/22/13 17:55

Units: ug/kg dry Analyzed: 06/11/13 20:31

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Ethylbenzene	2500	Q	220	
Xylenes, total	12000	Q	220	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X103B** Lab Sample ID: **SE31235-32**

Matrix: Soil-- methanol Collected By: JIM SALCH Date/Time Collected: 05/21/13 9:50

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/21/13 09:50

Units: ug/kg dry Analyzed: 05/30/13 19:40

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloromethane	ND		180	
Vinyl chloride	ND	J7	180	
Bromomethane	ND		180	
Chloroethane	ND		180	
Trichlorofluoromethane	ND		180	
Acetone	ND		910	
1,1-Dichloroethene	ND		180	
Methylene chloride	ND		460	
Carbon disulfide	ND		180	
trans-1,2-Dichloroethene	ND		180	
Methyl tert-butyl ether	ND		180	
1,1-Dichloroethane	ND		180	
2-Butanone (MEK) *	ND		910	
cis-1,2-Dichloroethene	ND		180	
Bromochloromethane	ND		180	
Chloroform	ND		180	
2,2-Dichloropropane	ND		180	
1,2-Dichloroethane	ND		180	
1,1,1-Trichloroethane	ND		180	
1,1-Dichloropropene	ND		180	
Carbon tetrachloride	ND		180	
Benzene	ND		180	
Dibromomethane	ND		180	
1,2-Dichloropropane	ND		180	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Client Sample ID: **X103B** Lab Sample ID: **SE31235-32**

Matrix: Soil-- methanol Collected By: JIM SALCH Date/Time Collected: 05/21/13 9:50

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/21/13 09:50

Units: ug/kg dry Analyzed: 05/30/13 19:40

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Trichloroethene	ND		180	
Bromodichloromethane	ND		180	
cis-1,3-Dichloropropene	ND		180	
4-Methyl-2-pentanone (MIBK)	ND		180	
trans-1,3-Dichloropropene	ND		180	
1,1,2-Trichloroethane	ND		180	
Toluene	ND		180	
1,3-Dichloropropane	ND		180	
2-Hexanone (MBK) *	ND		180	
Dibromochloromethane	ND		180	
1,2-Dibromoethane	ND		180	
Tetrachloroethene	ND		180	
1,1,1,2-Tetrachloroethane	ND		180	
Chlorobenzene	ND		180	
Ethylbenzene	22000		1800	
Bromoform	ND		180	
Styrene	ND		180	
1,1,2,2-Tetrachloroethane	ND		180	
1,2,3-Trichloropropane	ND		180	
Isopropylbenzene	2500		180	
Bromobenzene	ND		180	
Xylenes, total	76000		1800	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 6.00

Notes and Definitions

- Q Maximum holding time exceeded.
- M Presence of material verified (i.e., positive detection). Value is estimated.
- L Actual value not known, but known to be greater than value shown. Value shown is the highest acceptable level for quantitation. (For bacteria, result calculated as if the smallest filtration volume had a count of 200).
- J7 Blank spike failed low - possible low bias or false non-detect result.
- J6 Blank spike failed high - possible high bias or false positive result.
- J5 Blank spike failed high, result was less than the reporting limit - impact on data may be minimal.
- J3 The reported value failed to meet the established quality control criteria for either precision or accuracy possibly due to matrix effects.
- J2 Internal Standard criteria were not met.
- J1 Surrogate compound recovery limits have not been met.
- B2 The sample matrix caused possible effects on measurement. The result may be biased high.
- B1 The sample matrix caused possible effects on measurement. The result may be biased low.
- ND Analyte NOT DETECTED at or above the reporting limit
- * Non-NELAP accredited

Method 8260: Tentatively Identified Compounds (TICs) were detected in the volatile analysis for samples SE31235-01 to SE31235-07, SE31235-09 to SE31235-10, SE31235-12 to SE31235-20. Please contact the laboratory if additional information about the TICs is needed.

Method 8260: Matrix spike and matrix spike duplicate could not be performed with samples SE31235-13, -21, -22, -23, -24, -25, -26, -27, -28, -29, -30, -31, -32, therefore, not all NELAC and method requirements were met.

Method 8260: Only methanol dilutions were performed for samples SE31235-05, -14, -15, -16, -17 and -18 due to the high level of volatile analytes found in these samples.

Method 8260: Samples SE31235-19, -20, -27, -28, -29, -30 and -31 exceeded the holding time for analysis due to instrument contamination issues caused by other samples in this work order.

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LABORATORY RESULTS

Name:	HOXSEY	Date Received :	05/23/13
Project/Facility Number:	0998290003	Visit Number:	
Funding Code:	LC00-71	Temperature C:	6.00
Trip ID:			

Method 8270: Tentatively Identified Compounds (TICs) were detected in the semi-volatile analysis of the samples SE31235-01, -02, -03, -04, -05, -06, -07, -09, -10, -12, -13, -14, -15, -16, -17, -18, -19, and -20. Please contact the laboratory if additional information about the TICs is needed.

Report Authorized by:

Celeste M. Crowley
Acting Laboratory Manager

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **G103** Lab Sample ID: **SE31243-01**

Matrix: Water Collected By: TONY WASILEWSKI Date/Time Collected: 05/21/13 11:50

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/29/13 08:00

Units: ug/L Analyzed: 05/29/13 16:12

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloromethane	ND		2.0	
Vinyl chloride	ND		2.0	
Bromomethane	ND		2.0	
Chloroethane	ND		2.0	
Trichlorofluoromethane	ND		2.0	
Acetone	ND		10	
1,1-Dichloroethene	ND		2.0	
Methylene chloride	ND		5.0	
Carbon disulfide	ND		2.0	
trans-1,2-Dichloroethene	ND		2.0	
Methyl tert-butyl ether	ND		2.0	
1,1-Dichloroethane	ND		2.0	
2-Butanone (MEK) *	ND		10	
cis-1,2-Dichloroethene	ND		2.0	
Bromochloromethane	ND		2.0	
Chloroform	ND		2.0	
2,2-Dichloropropane	ND		2.0	
1,2-Dichloroethane	ND		2.0	
1,1,1-Trichloroethane	ND		2.0	
1,1-Dichloropropene	ND		2.0	
Carbon tetrachloride	ND		2.0	
Benzene	20		2.0	
Dibromomethane	ND		2.0	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **G103** Lab Sample ID: **SE31243-01**

Matrix: Water Collected By: TONY WASILEWSKI Date/Time Collected: 05/21/13 11:50

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/29/13 08:00

Units: ug/L Analyzed: 05/29/13 16:12

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
1,2-Dichloropropane	ND		2.0	
Trichloroethene	ND		2.0	
Bromodichloromethane	ND		2.0	
cis-1,3-Dichloropropene	ND		2.0	
4-Methyl-2-pentanone (MIBK)	ND		2.0	
trans-1,3-Dichloropropene	ND		2.0	
1,1,2-Trichloroethane	ND		2.0	
Toluene	60		2.0	
1,3-Dichloropropane	ND		2.0	
2-Hexanone (MBK) *	ND		2.0	
Dibromochloromethane	ND		2.0	
1,2-Dibromoethane	ND		2.0	
Tetrachloroethene	ND		2.0	
1,1,1,2-Tetrachloroethane	ND		2.0	
Chlorobenzene	ND		2.0	
Ethylbenzene	1300		20	
Bromoform	ND		2.0	
Styrene	ND		2.0	
1,1,2,2-Tetrachloroethane	ND		2.0	
Xylenes, total	4300		20	
1,2,3-Trichloropropane	ND		2.0	
Isopropylbenzene	100		2.0	
Bromobenzene	ND		2.0	

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825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **G103** Lab Sample ID: **SE31243-01**

Matrix: Water Collected By: TONY WASILEWSKI Date/Time Collected: 05/21/13 11:50

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/28/13 10:49

Units: ug/L Analyzed: 06/20/13 19:49

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Pyridine	ND		1.5	
2-Picoline	ND		1.5	
Methyl methanesulfonate	ND		1.5	
Ethyl methanesulfonate	ND		1.5	
Phenol	ND		1.5	
Bis(2-chloroethyl)ether	ND		1.5	
2-Chlorophenol	ND		1.5	
1,3-Dichlorobenzene	ND		1.5	
1,4-Dichlorobenzene	ND		1.5	
1,2-Dichlorobenzene	ND		1.5	
2-Methylphenol	ND		1.5	
2,2-Oxybis(1-chloropropane)	ND		1.5	
Acetophenone	ND		1.5	
4-Methylphenol	ND		1.5	
N-Nitrosodi-n-propylamine	ND		1.5	
Hexachloroethane	ND		1.5	
Nitrobenzene	ND		1.5	
N-Nitrosopiperidine	ND		1.5	
Isophorone	ND		1.5	
2-Nitrophenol	ND		1.5	
2,4-Dimethylphenol	ND		1.5	
Bis(2-chloroethoxy)methane	ND		1.5	
2,4-Dichlorophenol	ND		1.5	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **G103** Lab Sample ID: **SE31243-01**

Matrix: Water Collected By: TONY WASILEWSKI Date/Time Collected: 05/21/13 11:50

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/28/13 10:49

Units: ug/L Analyzed: 06/20/13 19:49

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
1,2,4-Trichlorobenzene	ND		1.5	
Naphthalene	57		1.5	
4-Chloroaniline	ND		1.5	
2,6-Dichlorophenol	ND		1.5	
Hexachloropropene	ND		1.5	
Hexachlorobutadiene	ND		1.5	
N-Nitrosodi-n-butylamine	ND		1.5	
4-Chloro-3-methylphenol	ND		1.5	
Isosafrole	ND		1.5	
2-Methylnaphthalene	19		1.5	
1,2,4,5-Tetrachlorobenzene	ND		1.5	
Hexachlorocyclopentadiene	ND		1.5	
2,4,6-Trichlorophenol	ND		1.5	
2,4,5-Trichlorophenol	ND		1.5	
Safrole	ND		1.5	
2-Chloronaphthalene	ND		1.5	
1-Chloronaphthalene	ND		1.5	
2-Nitroaniline	ND		1.5	
1,4-Dinitrobenzene	ND		1.5	
Dimethylphthalate	ND		1.5	
1,3-Dinitrobenzene *	ND		1.5	
2,6-Dinitrotoluene	ND		1.5	
Acenaphthylene	ND		1.5	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **G103** Lab Sample ID: **SE31243-01**

Matrix: Water Collected By: TONY WASILEWSKI Date/Time Collected: 05/21/13 11:50

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/28/13 10:49

Units: ug/L Analyzed: 06/20/13 19:49

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
1,2-Dinitrobenzene	ND		1.5	
3-Nitroaniline	ND		1.5	
Acenaphthene	ND		1.5	
2,4-Dinitrophenol	ND		5.0	
4-Nitrophenol	ND		1.5	
Dibenzofuran	ND		1.5	
2,4-Dinitrotoluene	ND		1.5	
Pentachlorobenzene	ND		1.5	
1-Naphthylamine	ND		1.5	
2-Naphthylamine	ND		1.5	
2,3,4,6-Tetrachlorophenol	ND		1.5	
Diethylphthalate	ND		1.5	
4-Chlorophenyl phenyl ether	ND		1.5	
Fluorene	ND		1.5	
4-Nitroaniline	ND		1.5	
4,6-Dinitro-2-methylphenol	ND		1.5	
Diphenylamine	ND		1.5	
Azobenzene *	ND		1.5	
Phenacetin	ND		1.5	
4-Bromophenyl phenyl ether	ND		1.5	
Hexachlorobenzene	ND		1.5	
Pentachlorophenol	ND		1.5	
Pronamide	ND		1.5	

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825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **G103** Lab Sample ID: **SE31243-01**

Matrix: Water Collected By: TONY WASILEWSKI Date/Time Collected: 05/21/13 11:50

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/28/13 10:49

Units: ug/L Analyzed: 06/20/13 19:49

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Pentachloronitrobenzene	ND		1.5	
Phenanthrene	ND		1.5	
Anthracene	ND		1.5	
Carbazole	ND		1.5	
4-Nitrobiphenyl	ND		1.5	
Di-n-butylphthalate	ND		1.5	
5-Nitroacenaphthene	ND		1.5	
Isodrin	ND		1.5	
Fluoranthene	ND		1.5	
Pyrene	ND		1.5	
p-Dimethylaminoazobenzene	ND		1.5	
Butyl benzyl phthalate	ND		1.5	
3,3-Dichlorobenzidine	ND		1.5	
Benzo(a)anthracene	ND		1.5	
Chrysene	ND		1.5	
Bis(2-ethylhexyl)phthalate	ND		1.5	
Mestranol	ND		1.5	
Di-n-octylphthalate	ND		1.5	
Benzo(b)fluoranthene	ND		1.5	
7,12-Dimethylbenzo(a)anthracene	ND		1.5	
Benzo(k)fluoranthene	ND		1.5	
Benzo(a)pyrene	ND		1.5	
Indeno(1,2,3-cd)pyrene	ND		1.5	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **G103** Lab Sample ID: **SE31243-01**

Matrix: Water Collected By: TONY WASILEWSKI Date/Time Collected: 05/21/13 11:50

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/28/13 10:49

Units: ug/L Analyzed: 06/20/13 19:49

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Dibenzo(a,h)anthracene	ND		1.5	
Benzo(ghi)perylene	ND		1.5	

Metals by EPA 6000/7000 Series Methods

Method: 6010 Prepared: 05/31/13 09:58

Units: ug/L Analyzed: 06/03/13 10:55

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Aluminum	131		60.0	40000
Antimony	ND		10.0	
Arsenic *	ND		10.0	
Barium	176		5.00	
Beryllium	ND		1.00	
Boron	221	V	10.0	
Cadmium	ND		3.00	
Calcium	74400		300	100000
Chromium	ND		5.00	
Cobalt	ND		10.0	
Copper	16.6		10.0	
Iron	6530		50.0	40000
Lead	14.7	V	5.00	
Magnesium	38300		300	100000

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **G103** Lab Sample ID: **SE31243-01**

Matrix: Water Collected By: TONY WASILEWSKI Date/Time Collected: 05/21/13 11:50

Sample Type: Sample Depth: Total Depth:

Metals by EPA 6000/7000 Series Methods

Method: 6010 Prepared: 05/31/13 09:58

Units: ug/L Analyzed: 06/03/13 10:55

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Manganese	64.7		15.0	
Nickel	ND		5.00	
Potassium	ND		1400	100000
Selenium *	ND		10.0	
Silver	ND		3.00	
Sodium	122000		300	
Strontium	108		5.00	
Thallium	ND		10.0	
Vanadium	ND		5.00	
Zinc	ND		25.0	
Hardness	343000		1980	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **G153** Lab Sample ID: **SE31243-02**

Matrix: Water Collected By: TONY WASILEWSKI Date/Time Collected: 05/21/13 11:50

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/29/13 08:00

Units: ug/L Analyzed: 05/29/13 16:47

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloromethane	ND		2.0	
Vinyl chloride	ND		2.0	
Bromomethane	ND		2.0	
Chloroethane	ND		2.0	
Trichlorofluoromethane	ND		2.0	
Acetone	ND		10	
1,1-Dichloroethene	ND		2.0	
Methylene chloride	ND		5.0	
Carbon disulfide	ND		2.0	
trans-1,2-Dichloroethene	ND		2.0	
Methyl tert-butyl ether	ND		2.0	
1,1-Dichloroethane	ND		2.0	
2-Butanone (MEK) *	ND		10	
cis-1,2-Dichloroethene	ND		2.0	
Bromochloromethane	ND		2.0	
Chloroform	ND		2.0	
2,2-Dichloropropane	ND		2.0	
1,2-Dichloroethane	ND		2.0	
1,1,1-Trichloroethane	ND		2.0	
1,1-Dichloropropene	ND		2.0	
Carbon tetrachloride	ND		2.0	
Benzene	24		2.0	
Dibromomethane	ND		2.0	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **G153** Lab Sample ID: **SE31243-02**

Matrix: Water Collected By: TONY WASILEWSKI Date/Time Collected: 05/21/13 11:50

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/29/13 08:00

Units: ug/L Analyzed: 05/29/13 16:47

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
1,2-Dichloropropane	ND		2.0	
Trichloroethene	ND		2.0	
Bromodichloromethane	ND		2.0	
cis-1,3-Dichloropropene	ND		2.0	
4-Methyl-2-pentanone (MIBK)	ND		2.0	
trans-1,3-Dichloropropene	ND		2.0	
1,1,2-Trichloroethane	ND		2.0	
Toluene	73		2.0	
1,3-Dichloropropane	ND		2.0	
2-Hexanone (MBK) *	ND		2.0	
Dibromochloromethane	ND		2.0	
1,2-Dibromoethane	ND		2.0	
Tetrachloroethene	ND		2.0	
1,1,1,2-Tetrachloroethane	ND		2.0	
Chlorobenzene	ND		2.0	
Ethylbenzene	1400		20	
Bromoform	ND		2.0	
Styrene	ND		2.0	
1,1,2,2-Tetrachloroethane	ND		2.0	
Xylenes, total	4500		20	
1,2,3-Trichloropropane	ND		2.0	
Isopropylbenzene	120		2.0	
Bromobenzene	ND		2.0	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **G153** Lab Sample ID: **SE31243-02**

Matrix: Water Collected By: TONY WASILEWSKI Date/Time Collected: 05/21/13 11:50

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/28/13 10:49

Units: ug/L Analyzed: 06/20/13 21:46

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Pyridine	ND		1.5	
2-Picoline	ND		1.5	
Methyl methanesulfonate	ND		1.5	
Ethyl methanesulfonate	ND		1.5	
Phenol	ND		1.5	
Bis(2-chloroethyl)ether	ND		1.5	
2-Chlorophenol	ND		1.5	
1,3-Dichlorobenzene	ND		1.5	
1,4-Dichlorobenzene	ND		1.5	
1,2-Dichlorobenzene	ND		1.5	
2-Methylphenol	ND		1.5	
2,2-Oxybis(1-chloropropane)	ND		1.5	
Acetophenone	ND		1.5	
4-Methylphenol	ND		1.5	
N-Nitrosodi-n-propylamine	ND		1.5	
Hexachloroethane	ND		1.5	
Nitrobenzene	ND		1.5	
N-Nitrosopiperidine	ND		1.5	
Isophorone	ND		1.5	
2-Nitrophenol	ND		1.5	
2,4-Dimethylphenol	ND		1.5	
Bis(2-chloroethoxy)methane	ND		1.5	
2,4-Dichlorophenol	ND		1.5	

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825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **G153** Lab Sample ID: **SE31243-02**

Matrix: Water Collected By: TONY WASILEWSKI Date/Time Collected: 05/21/13 11:50

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/28/13 10:49

Units: ug/L Analyzed: 06/20/13 21:46

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
1,2,4-Trichlorobenzene	ND		1.5	
Naphthalene	48		1.5	
4-Chloroaniline	ND		1.5	
2,6-Dichlorophenol	ND		1.5	
Hexachloropropene	ND		1.5	
Hexachlorobutadiene	ND		1.5	
N-Nitrosodi-n-butylamine	ND		1.5	
4-Chloro-3-methylphenol	ND		1.5	
Isosafrole	ND		1.5	
2-Methylnaphthalene	16		1.5	
1,2,4,5-Tetrachlorobenzene	ND		1.5	
Hexachlorocyclopentadiene	ND		1.5	
2,4,6-Trichlorophenol	ND		1.5	
2,4,5-Trichlorophenol	ND		1.5	
Safrole	ND		1.5	
2-Chloronaphthalene	ND		1.5	
1-Chloronaphthalene	ND		1.5	
2-Nitroaniline	ND		1.5	
1,4-Dinitrobenzene	ND		1.5	
Dimethylphthalate	ND		1.5	
1,3-Dinitrobenzene *	ND		1.5	
2,6-Dinitrotoluene	ND		1.5	
Acenaphthylene	ND		1.5	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **G153** Lab Sample ID: **SE31243-02**

Matrix: Water Collected By: TONY WASILEWSKI Date/Time Collected: 05/21/13 11:50

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/28/13 10:49

Units: ug/L Analyzed: 06/20/13 21:46

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
1,2-Dinitrobenzene	ND		1.5	
3-Nitroaniline	ND		1.5	
Acenaphthene	ND		1.5	
2,4-Dinitrophenol	ND		5.0	
4-Nitrophenol	ND		1.5	
Dibenzofuran	ND		1.5	
2,4-Dinitrotoluene	ND		1.5	
Pentachlorobenzene	ND		1.5	
1-Naphthylamine	ND		1.5	
2-Naphthylamine	ND		1.5	
2,3,4,6-Tetrachlorophenol	ND		1.5	
Diethylphthalate	ND		1.5	
4-Chlorophenyl phenyl ether	ND		1.5	
Fluorene	ND		1.5	
4-Nitroaniline	ND		1.5	
4,6-Dinitro-2-methylphenol	ND		1.5	
Diphenylamine	ND		1.5	
Azobenzene *	ND		1.5	
Phenacetin	ND		1.5	
4-Bromophenyl phenyl ether	ND		1.5	
Hexachlorobenzene	ND		1.5	
Pentachlorophenol	ND		1.5	
Pronamide	ND		1.5	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

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Trip ID: Temperature C: 3.00

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Method: 8270 Prepared: 05/28/13 10:49

Units: ug/L Analyzed: 06/20/13 21:46

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Pentachloronitrobenzene	ND		1.5	
Phenanthrene	ND		1.5	
Anthracene	ND		1.5	
Carbazole	ND		1.5	
4-Nitrobiphenyl	ND		1.5	
Di-n-butylphthalate	ND		1.5	
5-Nitroacenaphthene	ND		1.5	
Isodrin	ND		1.5	
Fluoranthene	ND		1.5	
Pyrene	ND		1.5	
p-Dimethylaminoazobenzene	ND		1.5	
Butyl benzyl phthalate	ND		1.5	
3,3-Dichlorobenzidine	ND		1.5	
Benzo(a)anthracene	ND		1.5	
Chrysene	ND		1.5	
Bis(2-ethylhexyl)phthalate	ND		1.5	
Mestranol	ND		1.5	
Di-n-octylphthalate	ND		1.5	
Benzo(b)fluoranthene	ND		1.5	
7,12-Dimethylbenzo(a)anthracene	ND		1.5	
Benzo(k)fluoranthene	ND		1.5	
Benzo(a)pyrene	ND		1.5	
Indeno(1,2,3-cd)pyrene	ND		1.5	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **G153** Lab Sample ID: **SE31243-02**

Matrix: Water Collected By: TONY WASILEWSKI Date/Time Collected: 05/21/13 11:50

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/28/13 10:49

Units: ug/L Analyzed: 06/20/13 21:46

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Dibenzo(a,h)anthracene	ND		1.5	
Benzo(ghi)perylene	ND		1.5	

Metals by EPA 6000/7000 Series Methods

Method: 6010 Prepared: 05/31/13 09:58

Units: ug/L Analyzed: 06/03/13 10:57

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Aluminum	89.9		60.0	40000
Antimony	ND		10.0	
Arsenic *	ND		10.0	
Barium	175		5.00	
Beryllium	ND		1.00	
Boron	223	V	10.0	
Cadmium	ND		3.00	
Calcium	74400		300	100000
Chromium	ND		5.00	
Cobalt	ND		10.0	
Copper	15.6		10.0	
Iron	6310		50.0	40000
Lead	14.1	V	5.00	
Magnesium	38800		300	100000

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **G153** Lab Sample ID: **SE31243-02**

Matrix: Water Collected By: TONY WASILEWSKI Date/Time Collected: 05/21/13 11:50

Sample Type: Sample Depth: Total Depth:

Metals by EPA 6000/7000 Series Methods

Method: 6010 Prepared: 05/31/13 09:58

Units: ug/L Analyzed: 06/03/13 10:57

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Manganese	64.4		15.0	
Nickel	ND		5.00	
Potassium	ND		1400	100000
Selenium *	ND		10.0	
Silver	ND		3.00	
Sodium	125000		300	
Strontium	110		5.00	
Thallium	ND		10.0	
Vanadium	ND		5.00	
Zinc	ND		25.0	
Hardness	345000		1980	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **TRIP BLANK** Lab Sample ID: **SE31243-03**

Matrix: Water Collected By: NA Date/Time Collected: 05/22/13 0:00

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/29/13 08:00

Units: ug/L Analyzed: 05/29/13 17:21

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloromethane	ND		2.0	
Vinyl chloride	ND		2.0	
Bromomethane	ND		2.0	
Chloroethane	ND		2.0	
Trichlorofluoromethane	ND		2.0	
Acetone	ND		10	
1,1-Dichloroethene	ND		2.0	
Methylene chloride	ND		5.0	
Carbon disulfide	ND		2.0	
trans-1,2-Dichloroethene	ND		2.0	
Methyl tert-butyl ether	ND		2.0	
1,1-Dichloroethane	ND		2.0	
2-Butanone (MEK) *	ND		10	
cis-1,2-Dichloroethene	ND		2.0	
Bromochloromethane	ND		2.0	
Chloroform	ND		2.0	
2,2-Dichloropropane	ND		2.0	
1,2-Dichloroethane	ND		2.0	
1,1,1-Trichloroethane	ND		2.0	
1,1-Dichloropropene	ND		2.0	
Carbon tetrachloride	ND		2.0	
Benzene	ND		2.0	
Dibromomethane	ND		2.0	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **TRIP BLANK** Lab Sample ID: **SE31243-03**

Matrix: Water Collected By: NA Date/Time Collected: 05/22/13 0:00

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/29/13 08:00

Units: ug/L Analyzed: 05/29/13 17:21

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
1,2-Dichloropropane	ND		2.0	
Trichloroethene	ND		2.0	
Bromodichloromethane	ND		2.0	
cis-1,3-Dichloropropene	ND		2.0	
4-Methyl-2-pentanone (MIBK)	ND		2.0	
trans-1,3-Dichloropropene	ND		2.0	
1,1,2-Trichloroethane	ND		2.0	
Toluene	ND		2.0	
1,3-Dichloropropane	ND		2.0	
2-Hexanone (MBK) *	ND		2.0	
Dibromochloromethane	ND		2.0	
1,2-Dibromoethane	ND		2.0	
Tetrachloroethene	ND		2.0	
1,1,1,2-Tetrachloroethane	ND		2.0	
Chlorobenzene	ND		2.0	
Ethylbenzene	ND		2.0	
Bromoform	ND		2.0	
Styrene	ND		2.0	
1,1,2,2-Tetrachloroethane	ND		2.0	
Xylenes, total	4.5		2.0	
1,2,3-Trichloropropane	ND		2.0	
Isopropylbenzene	ND		2.0	
Bromobenzene	ND		2.0	

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LABORATORY RESULTS

Name:	HOXSEY	Date Received :	05/23/13
Project/Facility Number:	0998290003	Visit Number:	
Funding Code:	LC00-71	Temperature C:	3.00
Trip ID:			

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **FIELD BLANK** Lab Sample ID: **SE31243-04**

Matrix: Water Collected By: TONY WASILEWSKI Date/Time Collected: 05/21/13 12:50

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/29/13 08:00

Units: ug/L Analyzed: 05/29/13 17:55

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloromethane	ND		2.0	
Vinyl chloride	ND		2.0	
Bromomethane	ND		2.0	
Chloroethane	ND		2.0	
Trichlorofluoromethane	ND		2.0	
Acetone	ND		10	
1,1-Dichloroethene	ND		2.0	
Methylene chloride	ND		5.0	
Carbon disulfide	ND		2.0	
trans-1,2-Dichloroethene	ND		2.0	
Methyl tert-butyl ether	ND		2.0	
1,1-Dichloroethane	ND		2.0	
2-Butanone (MEK) *	ND		10	
cis-1,2-Dichloroethene	ND		2.0	
Bromochloromethane	ND		2.0	
Chloroform	ND		2.0	
2,2-Dichloropropane	ND		2.0	
1,2-Dichloroethane	ND		2.0	
1,1,1-Trichloroethane	ND		2.0	
1,1-Dichloropropene	ND		2.0	
Carbon tetrachloride	ND		2.0	
Benzene	ND		2.0	
Dibromomethane	ND		2.0	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **FIELD BLANK** Lab Sample ID: **SE31243-04**

Matrix: Water Collected By: TONY WASILEWSKI Date/Time Collected: 05/21/13 12:50

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/29/13 08:00

Units: ug/L Analyzed: 05/29/13 17:55

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
1,2-Dichloropropane	ND		2.0	
Trichloroethene	ND		2.0	
Bromodichloromethane	ND		2.0	
cis-1,3-Dichloropropene	ND		2.0	
4-Methyl-2-pentanone (MIBK)	ND		2.0	
trans-1,3-Dichloropropene	ND		2.0	
1,1,2-Trichloroethane	ND		2.0	
Toluene	ND		2.0	
1,3-Dichloropropane	ND		2.0	
2-Hexanone (MBK) *	ND		2.0	
Dibromochloromethane	ND		2.0	
1,2-Dibromoethane	ND		2.0	
Tetrachloroethene	ND		2.0	
1,1,1,2-Tetrachloroethane	ND		2.0	
Chlorobenzene	ND		2.0	
Ethylbenzene	ND		2.0	
Bromoform	ND		2.0	
Styrene	ND		2.0	
1,1,2,2-Tetrachloroethane	ND		2.0	
Xylenes, total	ND		2.0	
1,2,3-Trichloropropane	ND		2.0	
Isopropylbenzene	ND		2.0	
Bromobenzene	ND		2.0	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **FIELD BLANK** Lab Sample ID: **SE31243-04**

Matrix: Water Collected By: TONY WASILEWSKI Date/Time Collected: 05/21/13 12:50

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/28/13 10:49

Units: ug/L Analyzed: 06/24/13 15:43

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Pyridine	ND		1.5	
2-Picoline	ND		1.5	
Methyl methanesulfonate	ND		1.5	
Ethyl methanesulfonate	ND		1.5	
Phenol	ND		1.5	
Bis(2-chloroethyl)ether	ND		1.5	
2-Chlorophenol	ND		1.5	
1,3-Dichlorobenzene	ND		1.5	
1,4-Dichlorobenzene	ND		1.5	
1,2-Dichlorobenzene	ND		1.5	
2-Methylphenol	ND		1.5	
2,2-Oxybis(1-chloropropane)	ND		1.5	
Acetophenone	ND		1.5	
4-Methylphenol	ND		1.5	
N-Nitrosodi-n-propylamine	ND		1.5	
Hexachloroethane	ND		1.5	
Nitrobenzene	ND		1.5	
N-Nitrosopiperidine	ND		1.5	
Isophorone	ND		1.5	
2-Nitrophenol	ND		1.5	
2,4-Dimethylphenol	ND		1.5	
Bis(2-chloroethoxy)methane	ND		1.5	
2,4-Dichlorophenol	ND		1.5	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **FIELD BLANK** Lab Sample ID: **SE31243-04**

Matrix: Water Collected By: TONY WASILEWSKI Date/Time Collected: 05/21/13 12:50

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/28/13 10:49

Units: ug/L Analyzed: 06/24/13 15:43

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
1,2,4-Trichlorobenzene	ND		1.5	
Naphthalene	ND		1.5	
4-Chloroaniline	ND		1.5	
2,6-Dichlorophenol	ND		1.5	
Hexachloropropene	ND		1.5	
Hexachlorobutadiene	ND		1.5	
N-Nitrosodi-n-butylamine	ND		1.5	
4-Chloro-3-methylphenol	ND		1.5	
Isosafrole	ND		1.5	
2-Methylnaphthalene	ND		1.5	
1,2,4,5-Tetrachlorobenzene	ND		1.5	
Hexachlorocyclopentadiene	ND		1.5	
2,4,6-Trichlorophenol	ND		1.5	
2,4,5-Trichlorophenol	ND		1.5	
Safrole	ND		1.5	
2-Chloronaphthalene	ND		1.5	
1-Chloronaphthalene	ND		1.5	
2-Nitroaniline	ND		1.5	
1,4-Dinitrobenzene	ND		1.5	
Dimethylphthalate	ND		1.5	
1,3-Dinitrobenzene *	ND		1.5	
2,6-Dinitrotoluene	ND		1.5	
Acenaphthylene	ND		1.5	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **FIELD BLANK** Lab Sample ID: **SE31243-04**

Matrix: Water Collected By: TONY WASILEWSKI Date/Time Collected: 05/21/13 12:50

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/28/13 10:49

Units: ug/L Analyzed: 06/24/13 15:43

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
1,2-Dinitrobenzene	ND		1.5	
3-Nitroaniline	ND		1.5	
Acenaphthene	ND		1.5	
2,4-Dinitrophenol	ND		5.0	
4-Nitrophenol	ND		1.5	
Dibenzofuran	ND		1.5	
2,4-Dinitrotoluene	ND		1.5	
Pentachlorobenzene	ND		1.5	
1-Naphthylamine	ND		1.5	
2-Naphthylamine	ND		1.5	
2,3,4,6-Tetrachlorophenol	ND		1.5	
Diethylphthalate	ND		1.5	
4-Chlorophenyl phenyl ether	ND		1.5	
Fluorene	ND		1.5	
4-Nitroaniline	ND		1.5	
4,6-Dinitro-2-methylphenol	ND		1.5	
Diphenylamine	ND		1.5	
Azobenzene *	ND		1.5	
Phenacetin	ND		1.5	
4-Bromophenyl phenyl ether	ND		1.5	
Hexachlorobenzene	ND		1.5	
Pentachlorophenol	ND		1.5	
Pronamide	ND		1.5	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **FIELD BLANK** Lab Sample ID: **SE31243-04**

Matrix: Water Collected By: TONY WASILEWSKI Date/Time Collected: 05/21/13 12:50

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/28/13 10:49

Units: ug/L Analyzed: 06/24/13 15:43

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Pentachloronitrobenzene	ND		1.5	
Phenanthrene	ND		1.5	
Anthracene	ND		1.5	
Carbazole	ND		1.5	
4-Nitrobiphenyl	ND		1.5	
Di-n-butylphthalate	ND		1.5	
5-Nitroacenaphthene	ND		1.5	
Isodrin	ND		1.5	
Fluoranthene	ND		1.5	
Pyrene	ND		1.5	
p-Dimethylaminoazobenzene	ND		1.5	
Butyl benzyl phthalate	ND		1.5	
3,3-Dichlorobenzidine	ND		1.5	
Benzo(a)anthracene	ND		1.5	
Chrysene	ND		1.5	
Bis(2-ethylhexyl)phthalate	ND		1.5	
Mestranol	ND		1.5	
Di-n-octylphthalate	ND		1.5	
Benzo(b)fluoranthene	ND		1.5	
7,12-Dimethylbenzo(a)anthracene	ND		1.5	
Benzo(k)fluoranthene	ND		1.5	
Benzo(a)pyrene	ND		1.5	
Indeno(1,2,3-cd)pyrene	ND		1.5	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **FIELD BLANK** Lab Sample ID: **SE31243-04**

Matrix: Water Collected By: TONY WASILEWSKI Date/Time Collected: 05/21/13 12:50

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/28/13 10:49

Units: ug/L Analyzed: 06/24/13 15:43

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Dibenzo(a,h)anthracene	ND		1.5	
Benzo(ghi)perylene	ND		1.5	

Metals by EPA 6000/7000 Series Methods

Method: 6010 Prepared: 05/31/13 09:58

Units: ug/L Analyzed: 06/03/13 11:04

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Aluminum	ND		60.0	40000
Antimony	ND		10.0	
Arsenic *	ND		10.0	
Barium	ND		5.00	
Beryllium	ND		1.00	
Boron	ND	V	10.0	
Cadmium	ND		3.00	
Calcium	ND		300	100000
Chromium	ND		5.00	
Cobalt	ND		10.0	
Copper	ND		10.0	
Iron	ND		50.0	40000
Lead	ND		5.00	
Magnesium	ND		300	100000

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825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **FIELD BLANK** Lab Sample ID: **SE31243-04**

Matrix: Water Collected By: TONY WASILEWSKI Date/Time Collected: 05/21/13 12:50

Sample Type: Sample Depth: Total Depth:

Metals by EPA 6000/7000 Series Methods

Method: 6010 Prepared: 05/31/13 09:58

Units: ug/L Analyzed: 06/03/13 11:04

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Manganese	ND		15.0	
Nickel	ND		5.00	
Potassium	ND		1400	100000
Selenium *	ND		10.0	
Silver	ND		3.00	
Sodium	ND		300	
Strontium	ND		5.00	
Thallium	ND		10.0	
Vanadium	ND		5.00	
Zinc	ND		25.0	
Hardness	ND		1980	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **G154** Lab Sample ID: **SE31243-05**

Matrix: Water Collected By: JIM SALCH Date/Time Collected: 05/22/13 8:30

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/29/13 08:00

Units: ug/L Analyzed: 05/29/13 18:29

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloromethane	ND		2.0	
Vinyl chloride	ND		2.0	
Bromomethane	ND		2.0	
Chloroethane	ND		2.0	
Trichlorofluoromethane	ND		2.0	
Acetone	ND		10	
1,1-Dichloroethene	ND		2.0	
Methylene chloride	ND		5.0	
Carbon disulfide	ND		2.0	
trans-1,2-Dichloroethene	ND		2.0	
Methyl tert-butyl ether	ND		2.0	
1,1-Dichloroethane	ND		2.0	
2-Butanone (MEK) *	ND		10	
cis-1,2-Dichloroethene	ND		2.0	
Bromochloromethane	ND		2.0	
Chloroform	ND		2.0	
2,2-Dichloropropane	ND		2.0	
1,2-Dichloroethane	ND		2.0	
1,1,1-Trichloroethane	ND		2.0	
1,1-Dichloropropene	ND		2.0	
Carbon tetrachloride	ND		2.0	
Benzene	ND		2.0	
Dibromomethane	ND		2.0	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **G154** Lab Sample ID: **SE31243-05**

Matrix: Water Collected By: JIM SALCH Date/Time Collected: 05/22/13 8:30

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/29/13 08:00

Units: ug/L Analyzed: 05/29/13 18:29

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
1,2-Dichloropropane	ND		2.0	
Trichloroethene	ND		2.0	
Bromodichloromethane	ND		2.0	
cis-1,3-Dichloropropene	ND		2.0	
4-Methyl-2-pentanone (MIBK)	ND		2.0	
trans-1,3-Dichloropropene	ND		2.0	
1,1,2-Trichloroethane	ND		2.0	
Toluene	ND		2.0	
1,3-Dichloropropane	ND		2.0	
2-Hexanone (MBK) *	ND		2.0	
Dibromochloromethane	ND		2.0	
1,2-Dibromoethane	ND		2.0	
Tetrachloroethene	ND		2.0	
1,1,1,2-Tetrachloroethane	ND		2.0	
Chlorobenzene	ND		2.0	
Ethylbenzene	ND		2.0	
Bromoform	ND		2.0	
Styrene	ND		2.0	
1,1,2,2-Tetrachloroethane	ND		2.0	
Xylenes, total	ND		2.0	
1,2,3-Trichloropropane	ND		2.0	
Isopropylbenzene	ND		2.0	
Bromobenzene	ND		2.0	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **G154** Lab Sample ID: **SE31243-05**

Matrix: Water Collected By: JIM SALCH Date/Time Collected: 05/22/13 8:30

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/28/13 10:49

Units: ug/L Analyzed: 06/24/13 16:41

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Pyridine	ND		1.5	
2-Picoline	ND		1.5	
Methyl methanesulfonate	ND		1.5	
Ethyl methanesulfonate	ND		1.5	
Phenol	ND		1.5	
Bis(2-chloroethyl)ether	ND		1.5	
2-Chlorophenol	ND		1.5	
1,3-Dichlorobenzene	ND		1.5	
1,4-Dichlorobenzene	ND		1.5	
1,2-Dichlorobenzene	ND		1.5	
2-Methylphenol	ND		1.5	
2,2-Oxybis(1-chloropropane)	ND		1.5	
Acetophenone	ND		1.5	
4-Methylphenol	ND		1.5	
N-Nitrosodi-n-propylamine	ND		1.5	
Hexachloroethane	ND		1.5	
Nitrobenzene	ND		1.5	
N-Nitrosopiperidine	ND		1.5	
Isophorone	ND		1.5	
2-Nitrophenol	ND		1.5	
2,4-Dimethylphenol	ND		1.5	
Bis(2-chloroethoxy)methane	ND		1.5	
2,4-Dichlorophenol	ND		1.5	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **G154** Lab Sample ID: **SE31243-05**

Matrix: Water Collected By: JIM SALCH Date/Time Collected: 05/22/13 8:30

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/28/13 10:49

Units: ug/L Analyzed: 06/24/13 16:41

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
1,2,4-Trichlorobenzene	ND		1.5	
Naphthalene	ND		1.5	
4-Chloroaniline	ND		1.5	
2,6-Dichlorophenol	ND		1.5	
Hexachloropropene	ND		1.5	
Hexachlorobutadiene	ND		1.5	
N-Nitrosodi-n-butylamine	ND		1.5	
4-Chloro-3-methylphenol	ND		1.5	
Isosafrole	ND		1.5	
2-Methylnaphthalene	ND		1.5	
1,2,4,5-Tetrachlorobenzene	ND		1.5	
Hexachlorocyclopentadiene	ND		1.5	
2,4,6-Trichlorophenol	ND		1.5	
2,4,5-Trichlorophenol	ND		1.5	
Safrole	ND		1.5	
2-Chloronaphthalene	ND		1.5	
1-Chloronaphthalene	ND		1.5	
2-Nitroaniline	ND		1.5	
1,4-Dinitrobenzene	ND		1.5	
Dimethylphthalate	ND		1.5	
1,3-Dinitrobenzene *	ND		1.5	
2,6-Dinitrotoluene	ND		1.5	
Acenaphthylene	ND		1.5	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **G154** Lab Sample ID: **SE31243-05**

Matrix: Water Collected By: JIM SALCH Date/Time Collected: 05/22/13 8:30

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/28/13 10:49

Units: ug/L Analyzed: 06/24/13 16:41

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
1,2-Dinitrobenzene	ND		1.5	
3-Nitroaniline	ND		1.5	
Acenaphthene	ND		1.5	
2,4-Dinitrophenol	ND		5.0	
4-Nitrophenol	ND		1.5	
Dibenzofuran	ND		1.5	
2,4-Dinitrotoluene	ND		1.5	
Pentachlorobenzene	ND		1.5	
1-Naphthylamine	ND		1.5	
2-Naphthylamine	ND		1.5	
2,3,4,6-Tetrachlorophenol	ND		1.5	
Diethylphthalate	ND		1.5	
4-Chlorophenyl phenyl ether	ND		1.5	
Fluorene	ND		1.5	
4-Nitroaniline	ND		1.5	
4,6-Dinitro-2-methylphenol	ND		1.5	
Diphenylamine	ND		1.5	
Azobenzene *	ND		1.5	
Phenacetin	ND		1.5	
4-Bromophenyl phenyl ether	ND		1.5	
Hexachlorobenzene	ND		1.5	
Pentachlorophenol	ND		1.5	
Pronamide	ND		1.5	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **G154** Lab Sample ID: **SE31243-05**

Matrix: Water Collected By: JIM SALCH Date/Time Collected: 05/22/13 8:30

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/28/13 10:49

Units: ug/L Analyzed: 06/24/13 16:41

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Pentachloronitrobenzene	ND		1.5	
Phenanthrene	ND		1.5	
Anthracene	ND		1.5	
Carbazole	ND		1.5	
4-Nitrobiphenyl	ND		1.5	
Di-n-butylphthalate	ND		1.5	
5-Nitroacenaphthene	ND		1.5	
Isodrin	ND		1.5	
Fluoranthene	ND		1.5	
Pyrene	ND		1.5	
p-Dimethylaminoazobenzene	ND		1.5	
Butyl benzyl phthalate	ND		1.5	
3,3-Dichlorobenzidine	ND		1.5	
Benzo(a)anthracene	ND		1.5	
Chrysene	ND		1.5	
Bis(2-ethylhexyl)phthalate	ND		1.5	
Mestranol	ND		1.5	
Di-n-octylphthalate	ND		1.5	
Benzo(b)fluoranthene	ND		1.5	
7,12-Dimethylbenzo(a)anthracene	ND		1.5	
Benzo(k)fluoranthene	ND		1.5	
Benzo(a)pyrene	ND		1.5	
Indeno(1,2,3-cd)pyrene	ND		1.5	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **G154** Lab Sample ID: **SE31243-05**

Matrix: Water Collected By: JIM SALCH Date/Time Collected: 05/22/13 8:30

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/28/13 10:49

Units: ug/L Analyzed: 06/24/13 16:41

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Dibenzo(a,h)anthracene	ND		1.5	
Benzo(ghi)perylene	ND		1.5	

Metals by EPA 6000/7000 Series Methods

Method: 6010 Prepared: 05/31/13 09:58

Units: ug/L Analyzed: 06/03/13 11:07

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Aluminum	ND		60.0	40000
Antimony	ND		10.0	
Arsenic *	ND		10.0	
Barium	ND		5.00	
Beryllium	ND		1.00	
Boron	ND	V	10.0	
Cadmium	ND		3.00	
Calcium	ND		300	100000
Chromium	ND		5.00	
Cobalt	ND		10.0	
Copper	ND		10.0	
Iron	ND		50.0	40000
Lead	ND		5.00	
Magnesium	ND		300	100000

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **G154** Lab Sample ID: **SE31243-05**

Matrix: Water Collected By: JIM SALCH Date/Time Collected: 05/22/13 8:30

Sample Type: Sample Depth: Total Depth:

Metals by EPA 6000/7000 Series Methods

Method: 6010 Prepared: 05/31/13 09:58

Units: ug/L Analyzed: 06/03/13 11:07

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Manganese	ND		15.0	
Nickel	ND		5.00	
Potassium	ND		1400	100000
Selenium *	ND		10.0	
Silver	ND		3.00	
Sodium	ND		300	
Strontium	ND		5.00	
Thallium	ND		10.0	
Vanadium	ND		5.00	
Zinc	ND		25.0	
Hardness	ND		1980	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **G108 &108MS/MSD** Lab Sample ID: **SE31243-06**

Matrix: Water Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 11:25

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/29/13 08:00

Units: ug/L Analyzed: 05/29/13 19:03

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloromethane	ND		2.0	
Vinyl chloride	ND		2.0	
Bromomethane	ND		2.0	
Chloroethane	ND		2.0	
Trichlorofluoromethane	ND		2.0	
Acetone	ND	J3	10	
1,1-Dichloroethene	ND		2.0	
Methylene chloride	ND		5.0	
Carbon disulfide	ND		2.0	
trans-1,2-Dichloroethene	ND		2.0	
Methyl tert-butyl ether	ND		2.0	
1,1-Dichloroethane	ND		2.0	
2-Butanone (MEK) *	ND	J3	10	
cis-1,2-Dichloroethene	ND		2.0	
Bromochloromethane	ND		2.0	
Chloroform	ND		2.0	
2,2-Dichloropropane	ND		2.0	
1,2-Dichloroethane	ND		2.0	
1,1,1-Trichloroethane	ND		2.0	
1,1-Dichloropropene	ND		2.0	
Carbon tetrachloride	ND		2.0	
Benzene	22		2.0	
Dibromomethane	ND		2.0	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **G108 &108MS/MSD** Lab Sample ID: **SE31243-06**

Matrix: Water Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 11:25

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/29/13 08:00

Units: ug/L Analyzed: 05/29/13 19:03

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
1,2-Dichloropropane	ND		2.0	
Trichloroethene	ND		2.0	
Bromodichloromethane	ND		2.0	
cis-1,3-Dichloropropene	ND		2.0	
4-Methyl-2-pentanone (MIBK)	ND		2.0	
trans-1,3-Dichloropropene	ND		2.0	
1,1,2-Trichloroethane	ND		2.0	
Toluene	64	J3	2.0	
1,3-Dichloropropane	ND		2.0	
2-Hexanone (MBK) *	ND		2.0	
Dibromochloromethane	ND		2.0	
1,2-Dibromoethane	ND		2.0	
Tetrachloroethene	ND		2.0	
1,1,1,2-Tetrachloroethane	ND		2.0	
Chlorobenzene	ND		2.0	
Ethylbenzene	990	J3	20	
Bromoform	ND		2.0	
Styrene	ND		2.0	
1,1,2,2-Tetrachloroethane	ND		2.0	
Xylenes, total	1900	J3	20	
1,2,3-Trichloropropane	ND		2.0	
Isopropylbenzene	100	J3	2.0	
Bromobenzene	ND		2.0	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **G108 &108MS/MSD** Lab Sample ID: **SE31243-06**

Matrix: Water Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 11:25

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/28/13 10:49

Units: ug/L Analyzed: 06/24/13 17:40

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Pyridine	ND		1.5	
2-Picoline	ND		1.5	
Methyl methanesulfonate	ND		1.5	
Ethyl methanesulfonate	ND		1.5	
Phenol	ND		1.5	
Bis(2-chloroethyl)ether	ND		1.5	
2-Chlorophenol	ND		1.5	
1,3-Dichlorobenzene	ND		1.5	
1,4-Dichlorobenzene	ND		1.5	
1,2-Dichlorobenzene	ND		1.5	
2-Methylphenol	ND		1.5	
2,2-Oxybis(1-chloropropane)	ND		1.5	
Acetophenone	ND		1.5	
4-Methylphenol	ND		1.5	
N-Nitrosodi-n-propylamine	ND		1.5	
Hexachloroethane	ND		1.5	
Nitrobenzene	ND		1.5	
N-Nitrosopiperidine	ND		1.5	
Isophorone	ND		1.5	
2-Nitrophenol	ND		1.5	
2,4-Dimethylphenol	ND		1.5	
Bis(2-chloroethoxy)methane	ND		1.5	
2,4-Dichlorophenol	ND		1.5	

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825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **G108 &108MS/MSD** Lab Sample ID: **SE31243-06**

Matrix: Water Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 11:25

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/28/13 10:49

Units: ug/L Analyzed: 06/24/13 17:40

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
1,2,4-Trichlorobenzene	ND		1.5	
Naphthalene	57		1.5	
4-Chloroaniline	ND		1.5	
2,6-Dichlorophenol	ND		1.5	
Hexachloropropene	ND		1.5	
Hexachlorobutadiene	ND		1.5	
N-Nitrosodi-n-butylamine	ND		1.5	
4-Chloro-3-methylphenol	ND		1.5	
Isosafrole	ND		1.5	
2-Methylnaphthalene	29		1.5	
1,2,4,5-Tetrachlorobenzene	ND		1.5	
Hexachlorocyclopentadiene	ND		1.5	
2,4,6-Trichlorophenol	ND		1.5	
2,4,5-Trichlorophenol	ND		1.5	
Safrole	ND		1.5	
2-Chloronaphthalene	ND		1.5	
1-Chloronaphthalene	ND		1.5	
2-Nitroaniline	ND		1.5	
1,4-Dinitrobenzene	ND		1.5	
Dimethylphthalate	ND		1.5	
1,3-Dinitrobenzene *	ND		1.5	
2,6-Dinitrotoluene	ND		1.5	
Acenaphthylene	ND		1.5	

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825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **G108 &108MS/MSD** Lab Sample ID: **SE31243-06**

Matrix: Water Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 11:25

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/28/13 10:49

Units: ug/L Analyzed: 06/24/13 17:40

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
1,2-Dinitrobenzene	ND		1.5	
3-Nitroaniline	ND		1.5	
Acenaphthene	ND		1.5	
2,4-Dinitrophenol	ND		5.0	
4-Nitrophenol	ND		1.5	
Dibenzofuran	ND		1.5	
2,4-Dinitrotoluene	ND		1.5	
Pentachlorobenzene	ND		1.5	
1-Naphthylamine	ND		1.5	
2-Naphthylamine	ND		1.5	
2,3,4,6-Tetrachlorophenol	ND		1.5	
Diethylphthalate	ND		1.5	
4-Chlorophenyl phenyl ether	ND		1.5	
Fluorene	ND		1.5	
4-Nitroaniline	ND		1.5	
4,6-Dinitro-2-methylphenol	ND		1.5	
Diphenylamine	ND		1.5	
Azobenzene *	ND		1.5	
Phenacetin	ND		1.5	
4-Bromophenyl phenyl ether	ND		1.5	
Hexachlorobenzene	ND		1.5	
Pentachlorophenol	ND		1.5	
Pronamide	ND		1.5	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **G108 &108MS/MSD** Lab Sample ID: **SE31243-06**

Matrix: Water Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 11:25

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/28/13 10:49

Units: ug/L Analyzed: 06/24/13 17:40

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Pentachloronitrobenzene	ND		1.5	
Phenanthrene	ND		1.5	
Anthracene	ND		1.5	
Carbazole	ND		1.5	
4-Nitrobiphenyl	ND		1.5	
Di-n-butylphthalate	ND		1.5	
5-Nitroacenaphthene	ND		1.5	
Isodrin	ND		1.5	
Fluoranthene	ND		1.5	
Pyrene	ND		1.5	
p-Dimethylaminoazobenzene	ND		1.5	
Butyl benzyl phthalate	ND		1.5	
3,3-Dichlorobenzidine	ND		1.5	
Benzo(a)anthracene	ND		1.5	
Chrysene	ND		1.5	
Bis(2-ethylhexyl)phthalate	ND		1.5	
Mestranol	ND		1.5	
Di-n-octylphthalate	ND		1.5	
Benzo(b)fluoranthene	ND		1.5	
7,12-Dimethylbenzo(a)anthracene	ND		1.5	
Benzo(k)fluoranthene	ND		1.5	
Benzo(a)pyrene	ND		1.5	
Indeno(1,2,3-cd)pyrene	ND		1.5	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **G108 &108MS/MSD** Lab Sample ID: **SE31243-06**

Matrix: Water Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 11:25

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/28/13 10:49

Units: ug/L Analyzed: 06/24/13 17:40

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Dibenzo(a,h)anthracene	ND		1.5	
Benzo(ghi)perylene	ND		1.5	

Metals by EPA 6000/7000 Series Methods

Method: 6010 Prepared: 05/31/13 09:58

Units: ug/L Analyzed: 06/03/13 11:09

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Aluminum	94.8		60.0	40000
Antimony	ND	B2	10.0	
Arsenic *	ND	B2	10.0	
Barium	326		5.00	
Beryllium	ND		1.00	
Boron	191	B1, V	10.0	
Cadmium	ND		3.00	
Calcium	167000		300	100000
Chromium	ND		5.00	
Cobalt	ND		10.0	
Copper	10.9	B2	10.0	
Iron	15000		50.0	40000
Lead	6.72	V	5.00	
Magnesium	74600		300	100000

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **G108 &108MS/MSD** Lab Sample ID: **SE31243-06**

Matrix: Water Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 11:25

Sample Type: Sample Depth: Total Depth:

Metals by EPA 6000/7000 Series Methods

Method: 6010 Prepared: 05/31/13 09:58

Units: ug/L Analyzed: 06/03/13 11:09

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Manganese	126		15.0	
Nickel	8.67		5.00	
Potassium	2150		1400	100000
Selenium *	ND		10.0	
Silver	ND		3.00	
Sodium	269000		300	
Strontium	313		5.00	
Thallium	ND		10.0	
Vanadium	ND		5.00	
Zinc	ND		25.0	
Hardness	724000		1980	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **G109** Lab Sample ID: **SE31243-07**

Matrix: Water Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 14:30

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/29/13 08:00

Units: ug/L Analyzed: 05/29/13 20:46

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloromethane	ND		2.0	
Vinyl chloride	ND		2.0	
Bromomethane	ND		2.0	
Chloroethane	ND		2.0	
Trichlorofluoromethane	ND		2.0	
Acetone	ND		10	
1,1-Dichloroethene	ND		2.0	
Methylene chloride	ND		5.0	
Carbon disulfide	ND		2.0	
trans-1,2-Dichloroethene	ND		2.0	
Methyl tert-butyl ether	ND		2.0	
1,1-Dichloroethane	ND		2.0	
2-Butanone (MEK) *	ND		10	
cis-1,2-Dichloroethene	ND		2.0	
Bromochloromethane	ND		2.0	
Chloroform	ND		2.0	
2,2-Dichloropropane	ND		2.0	
1,2-Dichloroethane	ND		2.0	
1,1,1-Trichloroethane	ND		2.0	
1,1-Dichloropropene	ND		2.0	
Carbon tetrachloride	ND		2.0	
Benzene	130		2.0	
Dibromomethane	ND		2.0	

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Illinois Environmental Protection Agency Laboratory

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **G109** Lab Sample ID: **SE31243-07**

Matrix: Water Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 14:30

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/29/13 08:00

Units: ug/L Analyzed: 05/29/13 20:46

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
1,2-Dichloropropane	ND		2.0	
Trichloroethene	ND		2.0	
Bromodichloromethane	ND		2.0	
cis-1,3-Dichloropropene	ND		2.0	
4-Methyl-2-pentanone (MIBK)	ND		2.0	
trans-1,3-Dichloropropene	ND		2.0	
1,1,2-Trichloroethane	ND		2.0	
Toluene	350		40	
1,3-Dichloropropane	ND		2.0	
2-Hexanone (MBK) *	ND		2.0	
Dibromochloromethane	ND		2.0	
1,2-Dibromoethane	ND		2.0	
Tetrachloroethene	ND		2.0	
1,1,1,2-Tetrachloroethane	ND		2.0	
Chlorobenzene	ND		2.0	
Ethylbenzene	2900		40	
Bromoform	ND		2.0	
Styrene	ND		2.0	
1,1,2,2-Tetrachloroethane	ND		2.0	
Xylenes, total	9000		40	
1,2,3-Trichloropropane	ND		2.0	
Isopropylbenzene	130		2.0	
Bromobenzene	ND		2.0	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **G109** Lab Sample ID: **SE31243-07**

Matrix: Water Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 14:30

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/28/13 10:49

Units: ug/L Analyzed: 06/24/13 18:39

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Pyridine	ND		1.5	
2-Picoline	ND		1.5	
Methyl methanesulfonate	ND		1.5	
Ethyl methanesulfonate	ND		1.5	
Phenol	ND		1.5	
Bis(2-chloroethyl)ether	ND		1.5	
2-Chlorophenol	ND		1.5	
1,3-Dichlorobenzene	ND		1.5	
1,4-Dichlorobenzene	ND		1.5	
1,2-Dichlorobenzene	ND		1.5	
2-Methylphenol	ND		1.5	
2,2-Oxybis(1-chloropropane)	ND		1.5	
Acetophenone	1.8		1.5	
4-Methylphenol	1.6		1.5	
N-Nitrosodi-n-propylamine	ND		1.5	
Hexachloroethane	ND		1.5	
Nitrobenzene	ND		1.5	
N-Nitrosopiperidine	ND		1.5	
Isophorone	ND		1.5	
2-Nitrophenol	ND		1.5	
2,4-Dimethylphenol	6.6		1.5	
Bis(2-chloroethoxy)methane	ND		1.5	
2,4-Dichlorophenol	ND		1.5	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **G109** Lab Sample ID: **SE31243-07**

Matrix: Water Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 14:30

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/28/13 10:49

Units: ug/L Analyzed: 06/24/13 18:39

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
1,2,4-Trichlorobenzene	ND		1.5	
Naphthalene	160		1.5	
4-Chloroaniline	ND		1.5	
2,6-Dichlorophenol	ND		1.5	
Hexachloropropene	ND		1.5	
Hexachlorobutadiene	ND		1.5	
N-Nitrosodi-n-butylamine	ND		1.5	
4-Chloro-3-methylphenol	ND		1.5	
Isosafrole	ND		1.5	
2-Methylnaphthalene	32		1.5	
1,2,4,5-Tetrachlorobenzene	ND		1.5	
Hexachlorocyclopentadiene	ND		1.5	
2,4,6-Trichlorophenol	ND		1.5	
2,4,5-Trichlorophenol	ND		1.5	
Safrole	ND		1.5	
2-Chloronaphthalene	ND		1.5	
1-Chloronaphthalene	ND		1.5	
2-Nitroaniline	ND		1.5	
1,4-Dinitrobenzene	ND		1.5	
Dimethylphthalate	ND		1.5	
1,3-Dinitrobenzene *	ND		1.5	
2,6-Dinitrotoluene	ND		1.5	
Acenaphthylene	ND		1.5	

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825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **G109** Lab Sample ID: **SE31243-07**

Matrix: Water Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 14:30

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/28/13 10:49

Units: ug/L Analyzed: 06/24/13 18:39

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
1,2-Dinitrobenzene	ND		1.5	
3-Nitroaniline	ND		1.5	
Acenaphthene	ND		1.5	
2,4-Dinitrophenol	ND		5.0	
4-Nitrophenol	ND		1.5	
Dibenzofuran	ND		1.5	
2,4-Dinitrotoluene	ND		1.5	
Pentachlorobenzene	ND		1.5	
1-Naphthylamine	ND		1.5	
2-Naphthylamine	ND		1.5	
2,3,4,6-Tetrachlorophenol	ND		1.5	
Diethylphthalate	ND		1.5	
4-Chlorophenyl phenyl ether	ND		1.5	
Fluorene	ND		1.5	
4-Nitroaniline	ND		1.5	
4,6-Dinitro-2-methylphenol	ND		1.5	
Diphenylamine	ND		1.5	
Azobenzene *	ND		1.5	
Phenacetin	ND		1.5	
4-Bromophenyl phenyl ether	ND		1.5	
Hexachlorobenzene	ND		1.5	
Pentachlorophenol	ND		1.5	
Pronamide	ND		1.5	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **G109** Lab Sample ID: **SE31243-07**

Matrix: Water Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 14:30

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/28/13 10:49

Units: ug/L Analyzed: 06/24/13 18:39

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Pentachloronitrobenzene	ND		1.5	
Phenanthrene	ND		1.5	
Anthracene	ND		1.5	
Carbazole	ND		1.5	
4-Nitrobiphenyl	ND		1.5	
Di-n-butylphthalate	13		1.5	
5-Nitroacenaphthene	ND		1.5	
Isodrin	ND		1.5	
Fluoranthene	ND		1.5	
Pyrene	ND		1.5	
p-Dimethylaminoazobenzene	ND		1.5	
Butyl benzyl phthalate	ND		1.5	
3,3-Dichlorobenzidine	ND		1.5	
Benzo(a)anthracene	ND		1.5	
Chrysene	ND		1.5	
Bis(2-ethylhexyl)phthalate	ND		1.5	
Mestranol	ND		1.5	
Di-n-octylphthalate	ND		1.5	
Benzo(b)fluoranthene	ND		1.5	
7,12-Dimethylbenzo(a)anthracene	ND		1.5	
Benzo(k)fluoranthene	ND		1.5	
Benzo(a)pyrene	ND		1.5	
Indeno(1,2,3-cd)pyrene	ND		1.5	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **G109** Lab Sample ID: **SE31243-07**

Matrix: Water Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 14:30

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/28/13 10:49

Units: ug/L Analyzed: 06/24/13 18:39

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Dibenzo(a,h)anthracene	ND		1.5	
Benzo(ghi)perylene	ND		1.5	

Metals by EPA 6000/7000 Series Methods

Method: 6010 Prepared: 05/31/13 09:58

Units: ug/L Analyzed: 06/03/13 11:11

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Aluminum	134		60.0	40000
Antimony	ND	B2	10.0	
Arsenic *	17.0	B2	10.0	
Barium	364		5.00	
Beryllium	ND		1.00	
Boron	180	B1, V	10.0	
Cadmium	ND		3.00	
Calcium	124000		300	100000
Chromium	ND		5.00	
Cobalt	ND		10.0	
Copper	12.7	B2	10.0	
Iron	13500		50.0	40000
Lead	16.0	V	5.00	
Magnesium	50100		300	100000

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **G109** Lab Sample ID: **SE31243-07**

Matrix: Water Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 14:30

Sample Type: Sample Depth: Total Depth:

Metals by EPA 6000/7000 Series Methods

Method: 6010 Prepared: 05/31/13 09:58

Units: ug/L Analyzed: 06/03/13 11:11

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Manganese	95.8		15.0	
Nickel	ND		5.00	
Potassium	2330		1400	100000
Selenium *	ND		10.0	
Silver	ND		3.00	
Sodium	137000		300	
Strontium	245		5.00	
Thallium	ND		10.0	
Vanadium	ND		5.00	
Zinc	ND		25.0	
Hardness	517000		1980	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **G110** Lab Sample ID: **SE31243-08**

Matrix: Water Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 16:50

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/29/13 08:00

Units: ug/L Analyzed: 05/29/13 21:20

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloromethane	ND		2.0	
Vinyl chloride	ND		2.0	
Bromomethane	ND		2.0	
Chloroethane	ND		2.0	
Trichlorofluoromethane	ND		2.0	
Acetone	66	M	10	
1,1-Dichloroethene	ND		2.0	
Methylene chloride	ND		5.0	
Carbon disulfide	ND		2.0	
trans-1,2-Dichloroethene	ND		2.0	
Methyl tert-butyl ether	ND		2.0	
1,1-Dichloroethane	ND		2.0	
2-Butanone (MEK) *	ND		10	
cis-1,2-Dichloroethene	ND		2.0	
Bromochloromethane	ND		2.0	
Chloroform	ND		2.0	
2,2-Dichloropropane	ND		2.0	
1,2-Dichloroethane	ND		2.0	
1,1,1-Trichloroethane	ND		2.0	
1,1-Dichloropropene	ND		2.0	
Carbon tetrachloride	ND		2.0	
Benzene	200		2.0	
Dibromomethane	ND		2.0	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **G110** Lab Sample ID: **SE31243-08**

Matrix: Water Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 16:50

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/29/13 08:00

Units: ug/L Analyzed: 05/29/13 21:20

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
1,2-Dichloropropane	ND		2.0	
Trichloroethene	ND		2.0	
Bromodichloromethane	ND		2.0	
cis-1,3-Dichloropropene	ND		2.0	
4-Methyl-2-pentanone (MIBK)	ND		2.0	
trans-1,3-Dichloropropene	ND		2.0	
1,1,2-Trichloroethane	ND		2.0	
Toluene	2200		40	
1,3-Dichloropropane	ND		2.0	
2-Hexanone (MBK) *	ND		2.0	
Dibromochloromethane	ND		2.0	
1,2-Dibromoethane	ND		2.0	
Tetrachloroethene	ND		2.0	
1,1,1,2-Tetrachloroethane	ND		2.0	
Chlorobenzene	ND		2.0	
Ethylbenzene	3400		40	
Bromoform	ND		2.0	
Styrene	ND		2.0	
1,1,2,2-Tetrachloroethane	ND		2.0	
Xylenes, total	20000	Q	100	
1,2,3-Trichloropropane	ND		2.0	
Isopropylbenzene	96		2.0	
Bromobenzene	ND		2.0	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **G110** Lab Sample ID: **SE31243-08**

Matrix: Water Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 16:50

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/28/13 10:49

Units: ug/L Analyzed: 06/24/13 19:37

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Pyridine	ND	J1	1.5	
2-Picoline	ND	J1	1.5	
Methyl methanesulfonate	ND	J1	1.5	
Ethyl methanesulfonate	ND	J1	1.5	
Phenol	5.5	J1	1.5	
Bis(2-chloroethyl)ether	ND	J1	1.5	
2-Chlorophenol	ND	J1	1.5	
1,3-Dichlorobenzene	ND	J1	1.5	
1,4-Dichlorobenzene	ND	J1	1.5	
1,2-Dichlorobenzene	ND	J1	1.5	
2-Methylphenol	ND	J1	1.5	
2,2-Oxybis(1-chloropropane)	ND	J1	1.5	
Acetophenone	4.0	J1	1.5	
4-Methylphenol	13	J1	1.5	
N-Nitrosodi-n-propylamine	ND	J1	1.5	
Hexachloroethane	ND	J1	1.5	
Nitrobenzene	ND	J1	1.5	
N-Nitrosopiperidine	ND	J1	1.5	
Isophorone	ND	J1	1.5	
2-Nitrophenol	ND	J1	1.5	
2,4-Dimethylphenol	3.4	J1	1.5	
Bis(2-chloroethoxy)methane	ND	J1	1.5	
2,4-Dichlorophenol	ND	J1	1.5	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **G110** Lab Sample ID: **SE31243-08**

Matrix: Water Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 16:50

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/28/13 10:49

Units: ug/L Analyzed: 06/24/13 19:37

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
1,2,4-Trichlorobenzene	ND		1.5	
Naphthalene	160		1.5	
4-Chloroaniline	ND		1.5	
2,6-Dichlorophenol	ND		1.5	
Hexachloropropene	ND		1.5	
Hexachlorobutadiene	ND		1.5	
N-Nitrosodi-n-butylamine	ND		1.5	
4-Chloro-3-methylphenol	ND		1.5	
Isosafrole	ND		1.5	
2-Methylnaphthalene	46		1.5	
1,2,4,5-Tetrachlorobenzene	ND		1.5	
Hexachlorocyclopentadiene	ND		1.5	
2,4,6-Trichlorophenol	ND		1.5	
2,4,5-Trichlorophenol	ND		1.5	
Safrole	ND		1.5	
2-Chloronaphthalene	ND		1.5	
1-Chloronaphthalene	ND		1.5	
2-Nitroaniline	ND		1.5	
1,4-Dinitrobenzene	ND		1.5	
Dimethylphthalate	ND		1.5	
1,3-Dinitrobenzene *	ND		1.5	
2,6-Dinitrotoluene	ND		1.5	
Acenaphthylene	ND		1.5	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **G110** Lab Sample ID: **SE31243-08**

Matrix: Water Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 16:50

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/28/13 10:49

Units: ug/L Analyzed: 06/24/13 19:37

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
1,2-Dinitrobenzene	ND		1.5	
3-Nitroaniline	ND		1.5	
Acenaphthene	ND		1.5	
2,4-Dinitrophenol	ND		5.0	
4-Nitrophenol	ND		1.5	
Dibenzofuran	ND		1.5	
2,4-Dinitrotoluene	ND		1.5	
Pentachlorobenzene	ND		1.5	
1-Naphthylamine	ND		1.5	
2-Naphthylamine	ND		1.5	
2,3,4,6-Tetrachlorophenol	ND		1.5	
Diethylphthalate	ND		1.5	
4-Chlorophenyl phenyl ether	ND		1.5	
Fluorene	2.0		1.5	
4-Nitroaniline	ND		1.5	
4,6-Dinitro-2-methylphenol	ND		1.5	
Diphenylamine	ND		1.5	
Azobenzene *	ND		1.5	
Phenacetin	ND		1.5	
4-Bromophenyl phenyl ether	ND		1.5	
Hexachlorobenzene	ND		1.5	
Pentachlorophenol	ND		1.5	
Pronamide	ND		1.5	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **G110** Lab Sample ID: **SE31243-08**

Matrix: Water Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 16:50

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/28/13 10:49

Units: ug/L Analyzed: 06/24/13 19:37

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Pentachloronitrobenzene	ND		1.5	
Phenanthrene	2.1		1.5	
Anthracene	ND		1.5	
Carbazole	ND		1.5	
4-Nitrobiphenyl	ND		1.5	
Di-n-butylphthalate	ND		1.5	
5-Nitroacenaphthene	ND		1.5	
Isodrin	ND		1.5	
Fluoranthene	ND		1.5	
Pyrene	ND		1.5	
p-Dimethylaminoazobenzene	ND		1.5	
Butyl benzyl phthalate	ND		1.5	
3,3-Dichlorobenzidine	ND		1.5	
Benzo(a)anthracene	ND		1.5	
Chrysene	ND		1.5	
Bis(2-ethylhexyl)phthalate	ND		1.5	
Mestranol	ND		1.5	
Di-n-octylphthalate	ND		1.5	
Benzo(b)fluoranthene	ND		1.5	
7,12-Dimethylbenzo(a)anthracene	ND		1.5	
Benzo(k)fluoranthene	ND		1.5	
Benzo(a)pyrene	ND		1.5	
Indeno(1,2,3-cd)pyrene	ND		1.5	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **G110** Lab Sample ID: **SE31243-08**

Matrix: Water Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 16:50

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/28/13 10:49

Units: ug/L Analyzed: 06/24/13 19:37

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Dibenzo(a,h)anthracene	ND		1.5	
Benzo(ghi)perylene	ND		1.5	

Metals by EPA 6000/7000 Series Methods

Method: 6010 Prepared: 05/31/13 09:58

Units: ug/L Analyzed: 06/03/13 11:13

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Aluminum	135		60.0	40000
Antimony	ND		10.0	
Arsenic *	ND		10.0	
Barium	107		5.00	
Beryllium	ND		1.00	
Boron	180	V	10.0	
Cadmium	ND		3.00	
Calcium	84100		300	100000
Chromium	ND		5.00	
Cobalt	ND		10.0	
Copper	ND		10.0	
Iron	7130		50.0	40000
Lead	14.7	V	5.00	
Magnesium	42300		300	100000

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **G110** Lab Sample ID: **SE31243-08**

Matrix: Water Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 16:50

Sample Type: Sample Depth: Total Depth:

Metals by EPA 6000/7000 Series Methods

Method: 6010 Prepared: 05/31/13 09:58

Units: ug/L Analyzed: 06/03/13 11:13

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Manganese	42.3		15.0	
Nickel	ND		5.00	
Potassium	1400		1400	100000
Selenium *	ND		10.0	
Silver	ND		3.00	
Sodium	123000		300	
Strontium	128		5.00	
Thallium	ND		10.0	
Vanadium	ND		5.00	
Zinc	ND		25.0	
Hardness	384000		1980	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **G111** Lab Sample ID: **SE31243-09**

Matrix: Water Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 10:10

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/29/13 08:00

Units: ug/L Analyzed: 05/29/13 21:54

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloromethane	ND		2.0	
Vinyl chloride	ND		2.0	
Bromomethane	ND		2.0	
Chloroethane	ND		2.0	
Trichlorofluoromethane	ND		2.0	
Acetone	ND		10	
1,1-Dichloroethene	ND		2.0	
Methylene chloride	ND		5.0	
Carbon disulfide	ND		2.0	
trans-1,2-Dichloroethene	ND		2.0	
Methyl tert-butyl ether	ND		2.0	
1,1-Dichloroethane	ND		2.0	
2-Butanone (MEK) *	ND		10	
cis-1,2-Dichloroethene	ND		2.0	
Bromochloromethane	ND		2.0	
Chloroform	ND		2.0	
2,2-Dichloropropane	ND		2.0	
1,2-Dichloroethane	ND		2.0	
1,1,1-Trichloroethane	ND		2.0	
1,1-Dichloropropene	ND		2.0	
Carbon tetrachloride	ND		2.0	
Benzene	ND		2.0	
Dibromomethane	ND		2.0	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **G111** Lab Sample ID: **SE31243-09**

Matrix: Water Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 10:10

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/29/13 08:00

Units: ug/L Analyzed: 05/29/13 21:54

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
1,2-Dichloropropane	ND		2.0	
Trichloroethene	ND		2.0	
Bromodichloromethane	ND		2.0	
cis-1,3-Dichloropropene	ND		2.0	
4-Methyl-2-pentanone (MIBK)	ND		2.0	
trans-1,3-Dichloropropene	ND		2.0	
1,1,2-Trichloroethane	ND		2.0	
Toluene	18		2.0	
1,3-Dichloropropane	ND		2.0	
2-Hexanone (MBK) *	ND		2.0	
Dibromochloromethane	ND		2.0	
1,2-Dibromoethane	ND		2.0	
Tetrachloroethene	ND		2.0	
1,1,1,2-Tetrachloroethane	ND		2.0	
Chlorobenzene	ND		2.0	
Ethylbenzene	82		2.0	
Bromoform	ND		2.0	
Styrene	ND		2.0	
1,1,2,2-Tetrachloroethane	ND		2.0	
Xylenes, total	400		2.0	
1,2,3-Trichloropropane	ND		2.0	
Isopropylbenzene	12		2.0	
Bromobenzene	ND		2.0	

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825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **G111** Lab Sample ID: **SE31243-09**

Matrix: Water Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 10:10

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/28/13 10:49

Units: ug/L Analyzed: 06/24/13 20:35

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Pyridine	ND		1.5	
2-Picoline	ND		1.5	
Methyl methanesulfonate	ND		1.5	
Ethyl methanesulfonate	ND		1.5	
Phenol	ND		1.5	
Bis(2-chloroethyl)ether	ND		1.5	
2-Chlorophenol	ND		1.5	
1,3-Dichlorobenzene	ND		1.5	
1,4-Dichlorobenzene	ND		1.5	
1,2-Dichlorobenzene	ND		1.5	
2-Methylphenol	ND		1.5	
2,2-Oxybis(1-chloropropane)	ND		1.5	
Acetophenone	ND		1.5	
4-Methylphenol	ND		1.5	
N-Nitrosodi-n-propylamine	ND		1.5	
Hexachloroethane	ND		1.5	
Nitrobenzene	ND		1.5	
N-Nitrosopiperidine	ND		1.5	
Isophorone	ND		1.5	
2-Nitrophenol	ND		1.5	
2,4-Dimethylphenol	ND		1.5	
Bis(2-chloroethoxy)methane	ND		1.5	
2,4-Dichlorophenol	ND		1.5	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **G111** Lab Sample ID: **SE31243-09**

Matrix: Water Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 10:10

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/28/13 10:49

Units: ug/L Analyzed: 06/24/13 20:35

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
1,2,4-Trichlorobenzene	ND		1.5	
Naphthalene	2.8		1.5	
4-Chloroaniline	ND		1.5	
2,6-Dichlorophenol	ND		1.5	
Hexachloropropene	ND		1.5	
Hexachlorobutadiene	ND		1.5	
N-Nitrosodi-n-butylamine	ND		1.5	
4-Chloro-3-methylphenol	ND		1.5	
Isosafrole	ND		1.5	
2-Methylnaphthalene	2.5		1.5	
1,2,4,5-Tetrachlorobenzene	ND		1.5	
Hexachlorocyclopentadiene	ND		1.5	
2,4,6-Trichlorophenol	ND		1.5	
2,4,5-Trichlorophenol	ND		1.5	
Safrole	ND		1.5	
2-Chloronaphthalene	ND		1.5	
1-Chloronaphthalene	ND		1.5	
2-Nitroaniline	ND		1.5	
1,4-Dinitrobenzene	ND		1.5	
Dimethylphthalate	ND		1.5	
1,3-Dinitrobenzene *	ND		1.5	
2,6-Dinitrotoluene	ND		1.5	
Acenaphthylene	ND		1.5	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **G111** Lab Sample ID: **SE31243-09**

Matrix: Water Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 10:10

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/28/13 10:49

Units: ug/L Analyzed: 06/24/13 20:35

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
1,2-Dinitrobenzene	ND		1.5	
3-Nitroaniline	ND		1.5	
Acenaphthene	ND		1.5	
2,4-Dinitrophenol	ND		5.0	
4-Nitrophenol	ND		1.5	
Dibenzofuran	ND		1.5	
2,4-Dinitrotoluene	ND		1.5	
Pentachlorobenzene	ND		1.5	
1-Naphthylamine	ND		1.5	
2-Naphthylamine	ND		1.5	
2,3,4,6-Tetrachlorophenol	ND		1.5	
Diethylphthalate	ND		1.5	
4-Chlorophenyl phenyl ether	ND		1.5	
Fluorene	ND		1.5	
4-Nitroaniline	ND		1.5	
4,6-Dinitro-2-methylphenol	ND		1.5	
Diphenylamine	ND		1.5	
Azobenzene *	ND		1.5	
Phenacetin	ND		1.5	
4-Bromophenyl phenyl ether	ND		1.5	
Hexachlorobenzene	ND		1.5	
Pentachlorophenol	ND		1.5	
Pronamide	ND		1.5	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **G111** Lab Sample ID: **SE31243-09**

Matrix: Water Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 10:10

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/28/13 10:49

Units: ug/L Analyzed: 06/24/13 20:35

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Pentachloronitrobenzene	ND		1.5	
Phenanthrene	ND		1.5	
Anthracene	ND		1.5	
Carbazole	ND		1.5	
4-Nitrobiphenyl	ND		1.5	
Di-n-butylphthalate	ND		1.5	
5-Nitroacenaphthene	ND		1.5	
Isodrin	ND		1.5	
Fluoranthene	ND		1.5	
Pyrene	ND		1.5	
p-Dimethylaminoazobenzene	ND		1.5	
Butyl benzyl phthalate	ND		1.5	
3,3-Dichlorobenzidine	ND		1.5	
Benzo(a)anthracene	ND		1.5	
Chrysene	ND		1.5	
Bis(2-ethylhexyl)phthalate	ND		1.5	
Mestranol	ND		1.5	
Di-n-octylphthalate	ND		1.5	
Benzo(b)fluoranthene	ND		1.5	
7,12-Dimethylbenzo(a)anthracene	ND		1.5	
Benzo(k)fluoranthene	ND		1.5	
Benzo(a)pyrene	ND		1.5	
Indeno(1,2,3-cd)pyrene	ND		1.5	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **G111** Lab Sample ID: **SE31243-09**

Matrix: Water Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 10:10

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/28/13 10:49

Units: ug/L Analyzed: 06/24/13 20:35

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Dibenzo(a,h)anthracene	ND		1.5	
Benzo(ghi)perylene	ND		1.5	

Metals by EPA 6000/7000 Series Methods

Method: 6010 Prepared: 05/31/13 09:58

Units: ug/L Analyzed: 06/03/13 11:16

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Aluminum	536		60.0	40000
Antimony	ND		10.0	
Arsenic *	ND		10.0	
Barium	153		5.00	
Beryllium	ND		1.00	
Boron	293	V	10.0	
Cadmium	ND		3.00	
Calcium	62200		300	100000
Chromium	ND		5.00	
Cobalt	ND		10.0	
Copper	13.9		10.0	
Iron	8380		50.0	40000
Lead	10.6	V	5.00	
Magnesium	42100		300	100000

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **G111** Lab Sample ID: **SE31243-09**

Matrix: Water Collected By: TONY WASILEWSKI Date/Time Collected: 05/22/13 10:10

Sample Type: Sample Depth: Total Depth:

Metals by EPA 6000/7000 Series Methods

Method: 6010 Prepared: 05/31/13 09:58

Units: ug/L Analyzed: 06/03/13 11:16

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Manganese	96.4		15.0	
Nickel	14.9		5.00	
Potassium	1910		1400	100000
Selenium *	ND		10.0	
Silver	ND		3.00	
Sodium	158000		300	
Strontium	115		5.00	
Thallium	ND		10.0	
Vanadium	ND		5.00	
Zinc	ND		25.0	
Hardness	329000		1980	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **G112** Lab Sample ID: **SE31243-10**

Matrix: Water Collected By: TONY WASILEWSKI Date/Time Collected: 05/23/13 10:50

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/29/13 08:00

Units: ug/L Analyzed: 05/29/13 22:28

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Chloromethane	ND		2.0	
Vinyl chloride	ND		2.0	
Bromomethane	ND		2.0	
Chloroethane	ND		2.0	
Trichlorofluoromethane	ND		2.0	
Acetone	ND		10	
1,1-Dichloroethene	ND		2.0	
Methylene chloride	ND		5.0	
Carbon disulfide	ND		2.0	
trans-1,2-Dichloroethene	ND		2.0	
Methyl tert-butyl ether	ND		2.0	
1,1-Dichloroethane	ND		2.0	
2-Butanone (MEK) *	ND		10	
cis-1,2-Dichloroethene	ND		2.0	
Bromochloromethane	ND		2.0	
Chloroform	ND		2.0	
2,2-Dichloropropane	ND		2.0	
1,2-Dichloroethane	ND		2.0	
1,1,1-Trichloroethane	ND		2.0	
1,1-Dichloropropene	ND		2.0	
Carbon tetrachloride	ND		2.0	
Benzene	ND		2.0	
Dibromomethane	ND		2.0	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **G112** Lab Sample ID: **SE31243-10**

Matrix: Water Collected By: TONY WASILEWSKI Date/Time Collected: 05/23/13 10:50

Sample Type: Sample Depth: Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Prepared: 05/29/13 08:00

Units: ug/L Analyzed: 05/29/13 22:28

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
1,2-Dichloropropane	ND		2.0	
Trichloroethene	ND		2.0	
Bromodichloromethane	ND		2.0	
cis-1,3-Dichloropropene	ND		2.0	
4-Methyl-2-pentanone (MIBK)	ND		2.0	
trans-1,3-Dichloropropene	ND		2.0	
1,1,2-Trichloroethane	ND		2.0	
Toluene	ND		2.0	
1,3-Dichloropropane	ND		2.0	
2-Hexanone (MBK) *	ND		2.0	
Dibromochloromethane	ND		2.0	
1,2-Dibromoethane	ND		2.0	
Tetrachloroethene	ND		2.0	
1,1,1,2-Tetrachloroethane	ND		2.0	
Chlorobenzene	ND		2.0	
Ethylbenzene	ND		2.0	
Bromoform	ND		2.0	
Styrene	ND		2.0	
1,1,2,2-Tetrachloroethane	ND		2.0	
Xylenes, total	3.8		2.0	
1,2,3-Trichloropropane	ND		2.0	
Isopropylbenzene	ND		2.0	
Bromobenzene	ND		2.0	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **G112** Lab Sample ID: **SE31243-10**

Matrix: Water Collected By: TONY WASILEWSKI Date/Time Collected: 05/23/13 10:50

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/28/13 10:49

Units: ug/L Analyzed: 06/24/13 21:34

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Pyridine	ND		1.5	
2-Picoline	ND		1.5	
Methyl methanesulfonate	ND		1.5	
Ethyl methanesulfonate	ND		1.5	
Phenol	ND		1.5	
Bis(2-chloroethyl)ether	ND		1.5	
2-Chlorophenol	ND		1.5	
1,3-Dichlorobenzene	ND		1.5	
1,4-Dichlorobenzene	ND		1.5	
1,2-Dichlorobenzene	ND		1.5	
2-Methylphenol	ND		1.5	
2,2-Oxybis(1-chloropropane)	ND		1.5	
Acetophenone	ND		1.5	
4-Methylphenol	ND		1.5	
N-Nitrosodi-n-propylamine	ND		1.5	
Hexachloroethane	ND		1.5	
Nitrobenzene	ND		1.5	
N-Nitrosopiperidine	ND		1.5	
Isophorone	ND		1.5	
2-Nitrophenol	ND		1.5	
2,4-Dimethylphenol	ND		1.5	
Bis(2-chloroethoxy)methane	ND		1.5	
2,4-Dichlorophenol	ND		1.5	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **G112** Lab Sample ID: **SE31243-10**

Matrix: Water Collected By: TONY WASILEWSKI Date/Time Collected: 05/23/13 10:50

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/28/13 10:49

Units: ug/L Analyzed: 06/24/13 21:34

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
1,2,4-Trichlorobenzene	ND		1.5	
Naphthalene	ND		1.5	
4-Chloroaniline	ND		1.5	
2,6-Dichlorophenol	ND		1.5	
Hexachloropropene	ND		1.5	
Hexachlorobutadiene	ND		1.5	
N-Nitrosodi-n-butylamine	ND		1.5	
4-Chloro-3-methylphenol	ND		1.5	
Isosafrole	ND		1.5	
2-Methylnaphthalene	ND		1.5	
1,2,4,5-Tetrachlorobenzene	ND		1.5	
Hexachlorocyclopentadiene	ND		1.5	
2,4,6-Trichlorophenol	ND		1.5	
2,4,5-Trichlorophenol	ND		1.5	
Safrole	ND		1.5	
2-Chloronaphthalene	ND		1.5	
1-Chloronaphthalene	ND		1.5	
2-Nitroaniline	ND		1.5	
1,4-Dinitrobenzene	ND		1.5	
Dimethylphthalate	ND		1.5	
1,3-Dinitrobenzene *	ND		1.5	
2,6-Dinitrotoluene	ND		1.5	
Acenaphthylene	ND		1.5	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **G112** Lab Sample ID: **SE31243-10**

Matrix: Water Collected By: TONY WASILEWSKI Date/Time Collected: 05/23/13 10:50

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/28/13 10:49

Units: ug/L Analyzed: 06/24/13 21:34

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
1,2-Dinitrobenzene	ND		1.5	
3-Nitroaniline	ND		1.5	
Acenaphthene	ND		1.5	
2,4-Dinitrophenol	ND		5.0	
4-Nitrophenol	ND		1.5	
Dibenzofuran	ND		1.5	
2,4-Dinitrotoluene	ND		1.5	
Pentachlorobenzene	ND		1.5	
1-Naphthylamine	ND		1.5	
2-Naphthylamine	ND		1.5	
2,3,4,6-Tetrachlorophenol	ND		1.5	
Diethylphthalate	ND		1.5	
4-Chlorophenyl phenyl ether	ND		1.5	
Fluorene	ND		1.5	
4-Nitroaniline	ND		1.5	
4,6-Dinitro-2-methylphenol	ND		1.5	
Diphenylamine	ND		1.5	
Azobenzene *	ND		1.5	
Phenacetin	ND		1.5	
4-Bromophenyl phenyl ether	ND		1.5	
Hexachlorobenzene	ND		1.5	
Pentachlorophenol	ND		1.5	
Pronamide	ND		1.5	

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825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **G112** Lab Sample ID: **SE31243-10**

Matrix: Water Collected By: TONY WASILEWSKI Date/Time Collected: 05/23/13 10:50

Sample Type: Sample Depth: Total Depth:

Semivolatiles by GC/MS

Method: 8270 Prepared: 05/28/13 10:49

Units: ug/L Analyzed: 06/24/13 21:34

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Pentachloronitrobenzene	ND		1.5	
Phenanthrene	ND		1.5	
Anthracene	ND		1.5	
Carbazole	ND		1.5	
4-Nitrobiphenyl	ND		1.5	
Di-n-butylphthalate	ND		1.5	
5-Nitroacenaphthene	ND		1.5	
Isodrin	ND		1.5	
Fluoranthene	ND		1.5	
Pyrene	ND		1.5	
p-Dimethylaminoazobenzene	ND		1.5	
Butyl benzyl phthalate	ND		1.5	
3,3-Dichlorobenzidine	ND		1.5	
Benzo(a)anthracene	ND		1.5	
Chrysene	ND		1.5	
Bis(2-ethylhexyl)phthalate	ND		1.5	
Mestranol	ND		1.5	
Di-n-octylphthalate	ND		1.5	
Benzo(b)fluoranthene	ND		1.5	
7,12-Dimethylbenzo(a)anthracene	ND		1.5	
Benzo(k)fluoranthene	ND		1.5	
Benzo(a)pyrene	ND		1.5	
Indeno(1,2,3-cd)pyrene	ND		1.5	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **G112** Lab Sample ID: **SE31243-10**

Matrix: Water Collected By: TONY WASILEWSKI Date/Time Collected: 05/23/13 10:50

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Semivolatiles by GC/MS

Method: 8270 Prepared: 05/28/13 10:49

Units: ug/L Analyzed: 06/24/13 21:34

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Dibenzo(a,h)anthracene	ND		1.5	
Benzo(ghi)perylene	ND		1.5	

Metals by EPA 6000/7000 Series Methods

Method: 6010 Prepared: 05/31/13 09:58

Units: ug/L Analyzed: 06/03/13 11:18

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Aluminum	92.6		60.0	40000
Antimony	ND	B2	10.0	
Arsenic *	ND	B2	10.0	
Barium	104		5.00	
Beryllium	ND		1.00	
Boron	210	B1, V	10.0	
Cadmium	ND		3.00	
Calcium	122000		300	100000
Chromium	ND		5.00	
Cobalt	ND		10.0	
Copper	ND	B2	10.0	
Iron	381		50.0	40000
Lead	ND		5.00	
Magnesium	50900		300	100000

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Client Sample ID: **G112** Lab Sample ID: **SE31243-10**

Matrix: Water Collected By: TONY WASILEWSKI Date/Time Collected: 05/23/13 10:50

Sample Type: Sample Depth: Total Depth:

Metals by EPA 6000/7000 Series Methods

Method: 6010 Prepared: 05/31/13 09:58

Units: ug/L Analyzed: 06/03/13 11:18

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>Reporting Limit</u>	<u>Regulatory Level</u>
Manganese	28.1		15.0	
Nickel	ND		5.00	
Potassium	1590		1400	100000
Selenium *	ND		10.0	
Silver	ND		3.00	
Sodium	151000		300	
Strontium	160		5.00	
Thallium	ND		10.0	
Vanadium	ND		5.00	
Zinc	ND		25.0	
Hardness	515000		1980	

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LABORATORY RESULTS

Name: **HOXSEY**

Project/Facility Number: 0998290003 Date Received : 05/23/13

Funding Code: LC00-71 Visit Number:

Trip ID: Temperature C: 3.00

Notes and Definitions

- V Indicates the analyte was detected in both the sample and the associated method blank and was outside method blank acceptance criteria.
- Q Maximum holding time exceeded.
- M Presence of material verified (i.e., positive detection). Value is estimated.
- J3 The reported value failed to meet the established quality control criteria for either precision or accuracy possibly due to matrix effects.
- J1 Surrogate compound recovery limits have not been met.
- B2 The sample matrix caused possible effects on measurement. The result may be biased high.
- B1 The sample matrix caused possible effects on measurement. The result may be biased low.
- ND Analyte NOT DETECTED at or above the reporting limit
- * Non-NELAP accredited

Method 8260: Tentatively Identified Compounds (TICs) were detected in the volatile analysis of samples SE31243-01, SE31243-02, SE31243-06, SE31243-07, SE31243-08 and SE31243-09 . Please contact the laboratory if additional information about the TICs is needed.

SE31243-08: One of the Method 8260 dilutions was analyzed outside of the holding time leading to the Q qualifier for Total Xylenes.

Method 8270: Tentatively Identified Compounds (TICs) were detected in the semi-volatile analysis of the samples SE31243-01, -02, -04, -05, -06, -07, -08, -09, and -10. Please contact the laboratory if additional information about the TICs is needed.

Report Authorized by:

Sally Geyston
Sample Prep Unit Supervisor

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