PCBS BY SW-846 METHOD 8082

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
RO-FB-01	1104570-01	Soil	4/21/2011	4/25/2011	4/25/2011

2. Holding Times

The samples were analyzed within the required holding time limit of 14 days from sample collection to extraction and 40 days from extraction to analysis.

3. Blanks

The method blanks were free of target compound contamination above the reporting limit.

4. Surrogates

The surrogate recovery results were within the laboratory-established QC limits.

5. LCS Results

The LCS recoveries were within the laboratory-established QC limits.

6. MS and MSD Results

Percent recoveries and RPDs for the MS/MSD samples were within laboratory QC limits.

7. Field Duplicate Results

No duplicate samples were collected. No qualification of the data is needed as the sample was a field blank.

8. Overall Assessment

The PCB data are acceptable for use based on the information received.

ARSENIC AND LEAD BY SW-846 METHOD 6020A

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
RO-FB-01	1104570-01	Soil	4/21/2011	4/26/2011	4/26/2011

2. Holding Times

The samples were analyzed within the required holding time limit of 180 days from sample collection to analysis.

3. Blanks

The method blank was free of target compound contamination above the reporting limit.

4. LCS Results

The LCS recoveries were within the laboratory-established QC limits.

5. MS and MSD Results

Percent recoveries and RPDs for the MS/MSD samples were within laboratory QC limits.

6. Field Duplicate Results

No duplicate samples were collected. No qualification of the data is needed as the sample was a field blank.

7. Overall Assessment

The metals data are acceptable for use based on the information received.

DISCREPANCY FROM QAPP

The sample identification code on the chain-of-custody (COC) for the field blank did not follow the field identification system provided in the QAPP. Notations were made on the COC, the laboratory was notified, and the sample identification codes were revised accordingly. No qualification of the data is needed. The Horizon Field Team Leader was informed of the sample identification code discrepancy so that corrective measures could be taken for future sampling events.

ATTACHMENT

ALS LABORATORY GROUP
RESULTS SUMMARY WITH QUALIFIERS

ALS Environmental

02-May-2011

Bill Davidson
Horizon Environmental
4771 50th Street
Grand Rapids, MI 49512

Re: **Reclamation Oil** Work Order: **1104570**

Dear Bill,

ALS Environmental received 1 sample on 22-Apr-2011 07:30 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 23.

If you have any questions regarding this report, please feel free to contact me.

Sincerely,

Joseph Ribar

Electronically approved by: Joseph Ribar

Joseph Ribar
Project Manager

ACCREDITED IN ACCORDANCE WITH nelac

Certificate No: IL100452

ALS Group USA, Corp

Date: 02-May-11

Client: Horizon Environmental
Project: Reclamation Oil
Work Order: **1104570**

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
1104570-01	RO-FB-01	Water		4/21/2011 11:10	4/22/2011 07:30	☐

Client: Horizon Environmental
Project: Reclamation Oil
Work Order: 1104570

Case Narrative

QC Summary

Volatile Organic Compounds

Batch R89491, Method 8260, Sample 1104641-03A MS/MSD: Recoveries for several compounds were outside control limits due to matrix interference.

ALS Group USA, Corp

Date: 02-May-11

Client: Horizon Environmental
Project: Reclamation Oil
WorkOrder: **1104570**

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL

Acronym	Description
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitation Limit
SD	Serial Dilution
TDL	Target Detection Limit

Units Reported	Description
µg/L	Micrograms per Liter
mg/L	Milligrams per Liter

ALS Group USA, Corp

Date: *02-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-FB-01
Collection Date: 4/21/2011 11:10 AM

Work Order: 1104570
Lab ID: 1104570-01
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS			**SW8082**		Prep Date: **4/25/2011**	Analyst: **JD**
Aroclor 1016	ND		0.40	µg/L	1	4/25/2011 05:30 PM
Aroclor 1221	ND		0.40	µg/L	1	4/25/2011 05:30 PM
Aroclor 1232	ND		0.40	µg/L	1	4/25/2011 05:30 PM
Aroclor 1242	ND		0.40	µg/L	1	4/25/2011 05:30 PM
Aroclor 1248	ND		0.40	µg/L	1	4/25/2011 05:30 PM
Aroclor 1254	ND		0.40	µg/L	1	4/25/2011 05:30 PM
Aroclor 1260	ND		0.40	µg/L	1	4/25/2011 05:30 PM
Aroclor 1262	ND		0.40	µg/L	1	4/25/2011 05:30 PM
Aroclor 1268	ND		0.40	µg/L	1	4/25/2011 05:30 PM
Surr: Decachlorobiphenyl	*105*		*30-150*	*%REC*	1	4/25/2011 05:30 PM
METALS BY ICP-MS			**SW6020A**		Prep Date: **4/26/2011**	Analyst: **RH**
Arsenic	ND		0.0050	mg/L	1	4/26/2011 08:12 PM
Lead	ND		0.0050	mg/L	1	4/26/2011 08:12 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **BG**
1,1,1,2-Tetrachloroethane	ND		1.0	µg/L	1	4/28/2011 04:44 AM
1,1,1-Trichloroethane	ND		1.0	µg/L	1	4/28/2011 04:44 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	4/28/2011 04:44 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	4/28/2011 04:44 AM
1,1,2-Trichlorotrifluoroethane	ND		1.0	µg/L	1	4/28/2011 04:44 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	4/28/2011 04:44 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	4/28/2011 04:44 AM
1,1-Dichloropropene	ND		1.0	µg/L	1	4/28/2011 04:44 AM
1,2,3-Trichlorobenzene	ND		1.0	µg/L	1	4/28/2011 04:44 AM
1,2,3-Trichloropropane	ND		1.0	µg/L	1	4/28/2011 04:44 AM
1,2,4-Trichlorobenzene	ND		1.0	µg/L	1	4/28/2011 04:44 AM
1,2,4-Trimethylbenzene	ND		1.0	µg/L	1	4/28/2011 04:44 AM
1,2-Dibromo-3-chloropropane	ND		1.0	µg/L	1	4/28/2011 04:44 AM
1,2-Dibromoethane	ND		1.0	µg/L	1	4/28/2011 04:44 AM
1,2-Dichlorobenzene	ND		1.0	µg/L	1	4/28/2011 04:44 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	4/28/2011 04:44 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	4/28/2011 04:44 AM
1,3,5-Trimethylbenzene	ND		1.0	µg/L	1	4/28/2011 04:44 AM
1,3-Dichlorobenzene	ND		1.0	µg/L	1	4/28/2011 04:44 AM
1,3-Dichloropropane	ND		1.0	µg/L	1	4/28/2011 04:44 AM
1,4-Dichlorobenzene	ND		1.0	µg/L	1	4/28/2011 04:44 AM
2,2-Dichloropropane	ND	UJ	1.0	µg/L	1	4/28/2011 04:44 AM
2-Butanone	ND		5.0	µg/L	1	4/28/2011 04:44 AM
2-Chloroethyl vinyl ether	ND		1.0	µg/L	1	4/28/2011 04:44 AM

KMA 5/3/11

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *02-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-FB-01
Collection Date: 4/21/2011 11:10 AM

Work Order: 1104570
Lab ID: 1104570-01
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Chlorotoluene	ND		1.0	µg/L	1	4/28/2011 04:44 AM
2-Hexanone	ND		5.0	µg/L	1	4/28/2011 04:44 AM
2-Methylnaphthalene	ND		5.0	µg/L	1	4/29/2011 02:16 AM
4-Chlorotoluene	ND		1.0	µg/L	1	4/28/2011 04:44 AM
4-Methyl-2-pentanone	ND	UJ	5.0	µg/L	1	4/28/2011 04:44 AM
Acetone	ND		10	µg/L	1	4/28/2011 04:44 AM
Acrolein	ND		5.0	µg/L	1	4/28/2011 04:44 AM
Acrylonitrile	ND		1.0	µg/L	1	4/28/2011 04:44 AM
Benzene	ND		1.0	µg/L	1	4/28/2011 04:44 AM
Bromobenzene	ND		1.0	µg/L	1	4/28/2011 04:44 AM
Bromochloromethane	ND		1.0	µg/L	1	4/28/2011 04:44 AM
Bromodichloromethane	ND		1.0	µg/L	1	4/28/2011 04:44 AM
Bromoform	ND		1.0	µg/L	1	4/28/2011 04:44 AM
Bromomethane	ND		1.0	µg/L	1	4/28/2011 04:44 AM
Carbon disulfide	ND		2.5	µg/L	1	4/28/2011 04:44 AM
Carbon tetrachloride	ND		1.0	µg/L	1	4/28/2011 04:44 AM
Chlorobenzene	ND		1.0	µg/L	1	4/28/2011 04:44 AM
Chloroethane	ND		1.0	µg/L	1	4/28/2011 04:44 AM
Chloroform	ND		1.0	µg/L	1	4/28/2011 04:44 AM
Chloromethane	ND		1.0	µg/L	1	4/28/2011 04:44 AM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	4/28/2011 04:44 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	4/28/2011 04:44 AM
Dibromochloromethane	ND		1.0	µg/L	1	4/28/2011 04:44 AM
Dibromomethane	ND		1.0	µg/L	1	4/28/2011 04:44 AM
Dichlorodifluoromethane	ND		1.0	µg/L	1	4/28/2011 04:44 AM
Diethyl ether	ND		10	µg/L	1	4/28/2011 04:44 AM
Diisopropyl ether	ND		5.0	µg/L	1	4/28/2011 04:44 AM
Ethylbenzene	ND		1.0	µg/L	1	4/28/2011 04:44 AM
Hexachlorobutadiene	ND		5.0	µg/L	1	4/28/2011 04:44 AM
Hexachloroethane	ND		1.0	µg/L	1	4/28/2011 04:44 AM
Hexane	ND		5.0	µg/L	1	4/28/2011 04:44 AM
Iodomethane	ND	UJ	1.0	µg/L	1	4/28/2011 04:44 AM
Isopropylbenzene	ND		1.0	µg/L	1	4/28/2011 04:44 AM
m,p-Xylene	ND		2.0	µg/L	1	4/28/2011 04:44 AM
Methyl tert-butyl ether	ND		5.0	µg/L	1	4/28/2011 04:44 AM
Methylene chloride	ND		5.0	µg/L	1	4/28/2011 04:44 AM
n-Butylbenzene	ND		1.0	µg/L	1	4/28/2011 04:44 AM
n-Heptane	ND		5.0	µg/L	1	4/28/2011 04:44 AM
n-Propylbenzene	ND		1.0	µg/L	1	4/28/2011 04:44 AM
Naphthalene	ND		5.0	µg/L	1	4/28/2011 04:44 AM

KH 5/3/11

KH 5/3/11

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *02-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-FB-01
Collection Date: 4/21/2011 11:10 AM

Work Order: 1104570
Lab ID: 1104570-01
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
o-Xylene	ND		1.0	µg/L	1	4/28/2011 04:44 AM
p-Isopropyltoluene	ND		1.0	µg/L	1	4/28/2011 04:44 AM
sec-Butylbenzene	ND		1.0	µg/L	1	4/28/2011 04:44 AM
Styrene	ND		1.0	µg/L	1	4/28/2011 04:44 AM
t-Butyl ethyl ether	ND		1.0	µg/L	1	4/28/2011 04:44 AM
tert-Butyl alcohol	ND		50	µg/L	1	4/28/2011 04:44 AM
tert-Butylbenzene	ND		1.0	µg/L	1	4/28/2011 04:44 AM
Tertiaryamylmethylether	ND		1.0	µg/L	1	4/28/2011 04:44 AM
Tetrachloroethene	ND		1.0	µg/L	1	4/28/2011 04:44 AM
Tetrahydrofuran	ND		20	µg/L	1	4/28/2011 04:44 AM
Toluene	ND		1.0	µg/L	1	4/28/2011 04:44 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	4/28/2011 04:44 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	4/28/2011 04:44 AM
trans-1,4-Dichloro-2-butene	ND		1.0	µg/L	1	4/28/2011 04:44 AM
Trichloroethene	ND		1.0	µg/L	1	4/28/2011 04:44 AM
Trichlorofluoromethane	ND		1.0	µg/L	1	4/28/2011 04:44 AM
Vinyl acetate	ND		1.0	µg/L	1	4/28/2011 04:44 AM
Vinyl chloride	ND		1.0	µg/L	1	4/28/2011 04:44 AM
1,2-Dichloroethene, Total	ND		2.0	µg/L	1	4/28/2011 04:44 AM
1,3-Dichloropropene, Total	ND		1.0	µg/L	1	4/28/2011 04:44 AM
Xylenes, Total	ND		3.0	µg/L	1	4/28/2011 04:44 AM
Surr: 1,2-Dichloroethane-d4	*91.8*		*70-120*	*%REC*	1	4/29/2011 02:16 AM
Surr: 1,2-Dichloroethane-d4	*101*		*70-120*	*%REC*	1	4/28/2011 04:44 AM
Surr: 4-Bromofluorobenzene	*94.8*		*75-120*	*%REC*	1	4/29/2011 02:16 AM
Surr: 4-Bromofluorobenzene	*96.4*		*75-120*	*%REC*	1	4/28/2011 04:44 AM
Surr: Dibromofluoromethane	*96.9*		*85-115*	*%REC*	1	4/29/2011 02:16 AM
Surr: Dibromofluoromethane	*103*		*85-115*	*%REC*	1	4/28/2011 04:44 AM
Surr: Toluene-d8	*99.3*		*85-120*	*%REC*	1	4/28/2011 04:44 AM
Surr: Toluene-d8	*101*		*85-120*	*%REC*	1	4/29/2011 02:16 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: 02-May-11

Client: Horizon Environmental
Work Order: 1104570
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **32985** Instrument ID **GC4** Method: **SW8082**

MBLK Sample ID: **PBLKW1-32985-32985** Units: **µg/L** Analysis Date: **4/25/2011 05:30 PM**

Client ID: Run ID: **GC4_110425A** SeqNo: **1610972** Prep Date: **4/25/2011** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	ND	0.40								
Aroclor 1221	ND	0.40								
Aroclor 1232	ND	0.40								
Aroclor 1242	ND	0.40								
Aroclor 1248	ND	0.40								
Aroclor 1254	ND	0.40								
Aroclor 1260	ND	0.40								
Surr: Decachlorobiphenyl	*0.094*	0	*0.1*	0	*94*	*30-150*		0		

MBLK Sample ID: **PBLKW1-32985-32985** Units: **µg/L** Analysis Date: **4/25/2011 05:30 PM**

Client ID: Run ID: **GC4_110425A** SeqNo: **1610975** Prep Date: **4/25/2011** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	ND	0.40								
Aroclor 1221	ND	0.40								
Aroclor 1232	ND	0.40								
Aroclor 1242	ND	0.40								
Aroclor 1248	ND	0.40								
Aroclor 1254	ND	0.40								
Aroclor 1260	ND	0.40								
Surr: Decachlorobiphenyl	*0.094*	0	*0.1*	0	*94*	*50-130*		0		

LCS Sample ID: **PLCSW1-32985-32985** Units: **µg/L** Analysis Date: **4/25/2011 05:30 PM**

Client ID: Run ID: **GC4_110425A** SeqNo: **1610974** Prep Date: **4/25/2011** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	2.14	0.40	2.5	0	85.6	30-150		0		
Aroclor 1260	2.467	0.40	2.5	0	98.7	30-150		0		
Surr: Decachlorobiphenyl	*0.1*	0	*0.1*	0	*100*	*30-150*		0		

LCS Sample ID: **PLCSW1-32985-32985** Units: **µg/L** Analysis Date: **4/25/2011 05:30 PM**

Client ID: Run ID: **GC4_110425A** SeqNo: **1610977** Prep Date: **4/25/2011** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	2.14	0.40	2.5	0	85.6	50-130		0		
Aroclor 1260	2.467	0.40	2.5	0	98.7	50-130		0		
Surr: Decachlorobiphenyl	*0.1*	0	*0.1*	0	*100*	*50-130*		0		

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104570
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **32985** Instrument ID **GC4** Method: **SW8082**

LCSD Sample ID: **PLCSDW1-32985-32985** Units: **µg/L** Analysis Date: **4/25/2011 05:30 PM**
Client ID: Run ID: **GC4_110425A** SeqNo: **1610973** Prep Date: **4/25/2011** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	2.051	0.40	2.5	0	82	30-150	2.14	4.25	40	
Aroclor 1260	2.554	0.40	2.5	0	102	30-150	2.467	3.47	40	
Surr: Decachlorobiphenyl	*0.103*	0	*0.1*	0	*103*	*30-150*	0.1	*2.96*	*40*	

LCSD Sample ID: **PLCSDW1-32985-32985** Units: **µg/L** Analysis Date: **4/25/2011 05:30 PM**
Client ID: Run ID: **GC4_110425A** SeqNo: **1610976** Prep Date: **4/25/2011** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	2.051	0.40	2.5	0	82	50-130	2.14	4.25	25	
Aroclor 1260	2.554	0.40	2.5	0	102	50-130	2.467	3.47	25	
Surr: Decachlorobiphenyl	*0.103*	0	*0.1*	0	*103*	*50-130*	0.1	*2.96*	*25*	

MS Sample ID: **1104570-01B MS** Units: **µg/L** Analysis Date: **4/25/2011 05:30 PM**
Client ID: **RO-FB-01** Run ID: **GC4_110425A** SeqNo: **1610968** Prep Date: **4/25/2011** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	21.56	4.0	25	0	86.2	30-150	0			
Aroclor 1260	25.73	4.0	25	0	103	30-150	0			
Surr: Decachlorobiphenyl	*1*	0	*1*	0	*100*	*30-150*	0			

MSD Sample ID: **1104570-01B MSD** Units: **µg/L** Analysis Date: **4/25/2011 05:30 PM**
Client ID: **RO-FB-01** Run ID: **GC4_110425A** SeqNo: **1610969** Prep Date: **4/25/2011** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	21.36	4.0	25	0	85.4	30-150	21.56	0.932	40	
Aroclor 1260	27.93	4.0	25	0	112	30-150	25.73	8.2	40	
Surr: Decachlorobiphenyl	*1.12*	0	*1*	0	*112*	*30-150*	1	*11.3*	*40*	

The following samples were analyzed in this batch: 1104570-01B

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104570
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **32997** Instrument ID **ICPMS2** Method: **SW6020A**

MBLK Sample ID: **MBLK-32997-32997** Units: **mg/L** Analysis Date: **4/26/2011 05:41 PM**
Client ID: Run ID: **ICPMS2_110426A** SeqNo: **1611242** Prep Date: **4/26/2011** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	ND	0.0050								
Lead	ND	0.0050								

LCS Sample ID: **LCS-32997-32997** Units: **mg/L** Analysis Date: **4/26/2011 05:46 PM**
Client ID: Run ID: **ICPMS2_110426A** SeqNo: **1611243** Prep Date: **4/26/2011** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.1037	0.0050	0.1	0	104	80-120	0			
Lead	0.0994	0.0050	0.1	0	99.4	80-120	0			

LCSD Sample ID: **LCSD-32997-32997** Units: **mg/L** Analysis Date: **4/26/2011 06:05 PM**
Client ID: Run ID: **ICPMS2_110426A** SeqNo: **1611246** Prep Date: **4/26/2011** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.1017	0.0050	0.1	0	102	80-120	0.1037	1.95	20	
Lead	0.09922	0.0050	0.1	0	99.2	80-120	0.0994	0.181	20	

MS Sample ID: **1104558-02AMS** Units: **mg/L** Analysis Date: **4/26/2011 06:25 PM**
Client ID: Run ID: **ICPMS2_110426A** SeqNo: **1611250** Prep Date: **4/26/2011** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.106	0.0050	0.1	0.0007632	105	80-120	0			
Lead	0.1022	0.0050	0.1	0.0001308	102	80-120	0			

MSD Sample ID: **1104558-02AMSD** Units: **mg/L** Analysis Date: **4/26/2011 06:29 PM**
Client ID: Run ID: **ICPMS2_110426A** SeqNo: **1611251** Prep Date: **4/26/2011** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.1025	0.0050	0.1	0.0007632	102	80-120	0.106	3.36	20	
Lead	0.1009	0.0050	0.1	0.0001308	101	80-120	0.1022	1.28	20	

The following samples were analyzed in this batch: 1104570-01C

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104570
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R89491** Instrument ID **VMS6** Method: **SW8260**

MBLK Sample ID: **VBLKW1-110427-R89491** Units: **µg/L** Analysis Date: **4/28/2011 03:53 AM**

Client ID: Run ID: **VMS6_110427A** SeqNo: **1612568** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	ND	1.0								
1,1,1-Trichloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
1,1,2-Trichlorotrifluoroethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,1-Dichloropropene	ND	1.0								
1,2,3-Trichlorobenzene	ND	3.0								
1,2,3-Trichloropropane	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,2,4-Trimethylbenzene	ND	1.0								
1,2-Dibromo-3-chloropropane	ND	1.0								
1,2-Dibromoethane	ND	1.0								
1,2-Dichlorobenzene	ND	1.0								
1,2-Dichloroethane	ND	1.0								
1,2-Dichloropropane	ND	2.0								
1,3,5-Trimethylbenzene	ND	1.0								
1,3-Dichlorobenzene	ND	2.0								
1,3-Dichloropropane	ND	1.0								
1,4-Dichlorobenzene	ND	2.0								
2,2-Dichloropropane	ND	1.0								
2-Butanone	ND	5.0								
2-Chloroethyl vinyl ether	ND	10								
2-Chlorotoluene	ND	2.0								
2-Hexanone	ND	5.0								
4-Chlorotoluene	ND	1.0								
4-Methyl-2-pentanone	ND	5.0								
Acetone	ND	20								
Acrolein	ND	5.0								
Acrylonitrile	ND	1.0								
Benzene	ND	1.0								
Bromobenzene	ND	1.0								
Bromochloromethane	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	1.0								
Carbon disulfide	ND	2.5								
Carbon tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	1.0								
Chloroform	ND	1.0								

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104570
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R89491** Instrument ID **VMS6** Method: **SW8260**

Chloromethane	ND	1.0					
cis-1,2-Dichloroethene	ND	1.0					
cis-1,3-Dichloropropene	ND	1.0					
Dibromochloromethane	ND	1.0					
Dibromomethane	ND	1.0					
Dichlorodifluoromethane	ND	1.0					
Diethyl ether	ND	10					
Diisopropyl ether	ND	5.0					
Ethylbenzene	ND	1.0					
Hexachlorobutadiene	ND	5.0					
Hexachloroethane	ND	1.0					
Hexane	ND	5.0					
Iodomethane	ND	5.0					
Isopropylbenzene	ND	1.0					
m,p-Xylene	ND	2.0					
Methyl tert-butyl ether	ND	5.0					
Methylene chloride	ND	5.0					
n-Butylbenzene	ND	1.0					
n-Heptane	ND	0					
n-Propylbenzene	ND	1.0					
Naphthalene	ND	5.0					
o-Xylene	ND	1.0					
p-Isopropyltoluene	ND	2.0					
sec-Butylbenzene	ND	2.0					
Styrene	ND	1.0					
t-Butyl ethyl ether	ND	0					
tert-Butyl alcohol	ND	50					
tert-Butylbenzene	ND	2.0					
Tertiaryamylmethylether	ND	0					
Tetrachloroethene	ND	2.0					
Tetrahydrofuran	ND	10					
Toluene	ND	1.0					
trans-1,2-Dichloroethene	ND	1.0					
trans-1,3-Dichloropropene	ND	1.0					
trans-1,4-Dichloro-2-butene	ND	5.0					
Trichloroethene	ND	1.0					
Trichlorofluoromethane	ND	1.0					
Vinyl acetate	ND	1.0					
Vinyl chloride	ND	1.0					
1,2-Dichloroethene, Total	ND	2.0					
1,3-Dichloropropene, Total	ND	2.0					
Xylenes, Total	ND	2.0					
Surr: 1,2-Dichloroethane-d4	*100.9*	0	*100*	0	*101*	*70-120*	0
Surr: 4-Bromofluorobenzene	*96.15*	0	*100*	0	*96.2*	*75-120*	0
Surr: Dibromofluoromethane	*100*	0	*100*	0	*100*	*85-115*	0
Surr: Toluene-d8	*99.24*	0	*100*	0	*99.2*	*85-120*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104570
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R89491** Instrument ID **VMS6** Method: **SW8260**

LCS Sample ID: **VLCSW1-110427-R89491** Units: **µg/L** Analysis Date: **4/28/2011 02:36 AM**

Client ID: Run ID: **VMS6_110427A** SeqNo: **1612566** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	20.95	1.0	20	0	105	80-130	0			
1,1,1-Trichloroethane	20.88	1.0	20	0	104	65-130	0			
1,1,2,2-Tetrachloroethane	21.63	1.0	20	0	108	65-130	0			
1,1,2-Trichloroethane	21.19	1.0	20	0	106	75-125	0			
1,1-Dichloroethane	20.46	1.0	20	0	102	70-135	0			
1,1-Dichloroethene	20.89	1.0	20	0	104	70-130	0			
1,1-Dichloropropene	20.57	1.0	20	0	103	75-130	0			
1,2,3-Trichlorobenzene	21.48	3.0	20	0	107	55-140	0			
1,2,3-Trichloropropane	20.93	1.0	20	0	105	75-125	0			
1,2,4-Trichlorobenzene	20.5	1.0	20	0	102	65-135	0			
1,2,4-Trimethylbenzene	20.34	1.0	20	0	102	75-130	0			
1,2-Dibromo-3-chloropropane	21.28	1.0	20	0	106	50-130	0			
1,2-Dibromoethane	20.04	1.0	20	0	100	80-120	0			
1,2-Dichlorobenzene	21.73	1.0	20	0	109	70-120	0			
1,2-Dichloroethane	21.29	1.0	20	0	106	70-130	0			
1,2-Dichloropropane	21.07	2.0	20	0	105	75-125	0			
1,3,5-Trimethylbenzene	20.43	1.0	20	0	102	75-130	0			
1,3-Dichlorobenzene	21.48	2.0	20	0	107	75-125	0			
1,3-Dichloropropane	21.03	1.0	20	0	105	75-125	0			
1,4-Dichlorobenzene	21.6	2.0	20	0	108	75-125	0			
2,2-Dichloropropane	16.1	1.0	20	0	80.5	70-135	0			
2-Butanone	17.05	5.0	20	0	85.2	30-150	0			
2-Chlorotoluene	21.18	2.0	20	0	106	75-125	0			
2-Hexanone	21.35	5.0	20	0	107	55-130	0			
4-Chlorotoluene	20.33	1.0	20	0	102	75-135	0			
4-Methyl-2-pentanone	26.71	5.0	20	0	134	60-135	0			
Acetone	26.36	20	20	0	132	40-140	0			
Acrylonitrile	20.64	1.0	20	0	103	70-135	0			
Benzene	21.29	1.0	20	0	106	80-120	0			
Bromobenzene	21.25	1.0	20	0	106	75-125	0			
Bromochloromethane	21.4	1.0	20	0	107	65-130	0			
Bromodichloromethane	21.1	1.0	20	0	106	75-120	0			
Bromoform	21.33	1.0	20	0	107	70-130	0			
Bromomethane	24.68	1.0	20	0	123	30-145	0			
Carbon disulfide	21.3	2.5	20	0	106	35-165	0			
Carbon tetrachloride	19.94	1.0	20	0	99.7	65-140	0			
Chlorobenzene	21.23	1.0	20	0	106	80-120	0			
Chloroethane	19.57	1.0	20	0	97.8	60-135	0			
Chloroform	20.85	1.0	20	0	104	65-135	0			
Chloromethane	18.42	1.0	20	0	92.1	70-125	0			
cis-1,2-Dichloroethene	21.12	1.0	20	0	106	70-125	0			
cis-1,3-Dichloropropene	21.9	1.0	20	0	110	70-130	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104570
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R89491** Instrument ID **VMS6** Method: **SW8260**

Dibromochloromethane	20.14	1.0	20	0	101	60-135	0
Dibromomethane	20.5	1.0	20	0	102	75-125	0
Dichlorodifluoromethane	15.15	1.0	20	0	75.8	30-155	0
Ethylbenzene	21.12	1.0	20	0	106	75-125	0
Hexachlorobutadiene	23.25	5.0	20	0	116	50-140	0
Hexachloroethane	21.9	1.0	20	0	110	70-135	0
Iodomethane	20.82	5.0	20	0	104	70-135	0
Isopropylbenzene	20.25	1.0	20	0	101	75-125	0
m,p-Xylene	42.65	2.0	40	0	107	75-130	0
Methyl tert-butyl ether	21.26	5.0	20	0	106	65-125	0
Methylene chloride	21.33	5.0	20	0	107	55-140	0
n-Butylbenzene	20.58	1.0	20	0	103	70-135	0
n-Propylbenzene	19.93	1.0	20	0	99.6	70-130	0
Naphthalene	20.16	5.0	20	0	101	55-140	0
o-Xylene	21.04	1.0	20	0	105	80-120	0
p-Isopropyltoluene	20.73	2.0	20	0	104	75-130	0
sec-Butylbenzene	20.34	2.0	20	0	102	70-125	0
Styrene	20.54	1.0	20	0	103	65-135	0
tert-Butylbenzene	20.91	2.0	20	0	105	70-130	0
Tetrachloroethene	21.27	2.0	20	0	106	45-150	0
Tetrahydrofuran	20.35	10	20	0	102	70-135	0
Toluene	20.2	1.0	20	0	101	75-120	0
trans-1,2-Dichloroethene	21.22	1.0	20	0	106	60-140	0
trans-1,3-Dichloropropene	19.37	1.0	20	0	96.8	55-140	0
trans-1,4-Dichloro-2-butene	22.09	5.0	20	0	110	70-135	0
Trichloroethene	21.08	1.0	20	0	105	70-125	0
Trichlorofluoromethane	18.78	1.0	20	0	93.9	60-145	0
Vinyl chloride	20.24	1.0	20	0	101	50-145	0
Xylenes, Total	63.69	2.0	60	0	106	75-130	0
Surr: 1,2-Dichloroethane-d4	*100*	0	*100*	0	*100*	*70-120*	0
Surr: 4-Bromofluorobenzene	*99.81*	0	*100*	0	*99.8*	*75-120*	0
Surr: Dibromofluoromethane	*102.3*	0	*100*	0	*102*	*85-115*	0
Surr: Toluene-d8	*98.8*	0	*100*	0	*98.8*	*85-120*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104570
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R89491** Instrument ID **VMS6** Method: **SW8260**

LCSD Sample ID: **VLCSDW1-110427-R89491** Units: **µg/L** Analysis Date: **4/28/2011 03:01 AM**

Client ID: Run ID: **VMS6_110427A** SeqNo: **1612567** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	20.24	1.0	20	0	101	80-130	20.95	3.45	30	
1,1,1-Trichloroethane	19.75	1.0	20	0	98.8	65-130	20.88	5.56	30	
1,1,2,2-Tetrachloroethane	21.43	1.0	20	0	107	65-130	21.63	0.929	30	
1,1,2-Trichloroethane	21.04	1.0	20	0	105	75-125	21.19	0.71	30	
1,1-Dichloroethane	19.92	1.0	20	0	99.6	70-135	20.46	2.67	30	
1,1-Dichloroethene	19.83	1.0	20	0	99.2	70-130	20.89	5.21	30	
1,1-Dichloropropene	19.21	1.0	20	0	96	75-130	20.57	6.84	30	
1,2,3-Trichlorobenzene	20.49	3.0	20	0	102	55-140	21.48	4.72	30	
1,2,3-Trichloropropane	21.19	1.0	20	0	106	75-125	20.93	1.23	30	
1,2,4-Trichlorobenzene	19.5	1.0	20	0	97.5	65-135	20.5	5	30	
1,2,4-Trimethylbenzene	19.67	1.0	20	0	98.4	75-130	20.34	3.35	30	
1,2-Dibromo-3-chloropropane	20.6	1.0	20	0	103	50-130	21.28	3.25	30	
1,2-Dibromoethane	19.81	1.0	20	0	99	80-120	20.04	1.15	30	
1,2-Dichlorobenzene	20.98	1.0	20	0	105	70-120	21.73	3.51	30	
1,2-Dichloroethane	20.59	1.0	20	0	103	70-130	21.29	3.34	30	
1,2-Dichloropropane	20.33	2.0	20	0	102	75-125	21.07	3.57	30	
1,3,5-Trimethylbenzene	19.61	1.0	20	0	98	75-130	20.43	4.1	30	
1,3-Dichlorobenzene	20.61	2.0	20	0	103	75-125	21.48	4.13	30	
1,3-Dichloropropane	20.44	1.0	20	0	102	75-125	21.03	2.85	30	
1,4-Dichlorobenzene	20.83	2.0	20	0	104	75-125	21.6	3.63	30	
2,2-Dichloropropane	15.8	1.0	20	0	79	70-135	16.1	1.88	30	
2-Butanone	16.75	5.0	20	0	83.8	30-150	17.05	1.78	30	
2-Chlorotoluene	20.44	2.0	20	0	102	75-125	21.18	3.56	30	
2-Hexanone	20.73	5.0	20	0	104	55-130	21.35	2.95	30	
4-Chlorotoluene	19.44	1.0	20	0	97.2	75-135	20.33	4.48	30	
4-Methyl-2-pentanone	26.47	5.0	20	0	132	60-135	26.71	0.903	30	
Acetone	23.91	20	20	0	120	40-140	26.36	9.75	30	
Acrylonitrile	20.7	1.0	20	0	104	70-135	20.64	0.29	30	
Benzene	20.37	1.0	20	0	102	80-120	21.29	4.42	30	
Bromobenzene	20.62	1.0	20	0	103	75-125	21.25	3.01	30	
Bromochloromethane	20.78	1.0	20	0	104	65-130	21.4	2.94	30	
Bromodichloromethane	20.49	1.0	20	0	102	75-120	21.1	2.93	30	
Bromoform	20.72	1.0	20	0	104	70-130	21.33	2.9	30	
Bromomethane	24.26	1.0	20	0	121	30-145	24.68	1.72	30	
Carbon disulfide	20.12	2.5	20	0	101	35-165	21.3	5.7	30	
Carbon tetrachloride	18.73	1.0	20	0	93.6	65-140	19.94	6.26	30	
Chlorobenzene	20.53	1.0	20	0	103	80-120	21.23	3.35	30	
Chloroethane	18.54	1.0	20	0	92.7	60-135	19.57	5.41	30	
Chloroform	20.13	1.0	20	0	101	65-135	20.85	3.51	30	
Chloromethane	17.44	1.0	20	0	87.2	70-125	18.42	5.47	30	
cis-1,2-Dichloroethene	19.89	1.0	20	0	99.4	70-125	21.12	6	30	
cis-1,3-Dichloropropene	21.24	1.0	20	0	106	70-130	21.9	3.06	30	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104570
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R89491** Instrument ID **VMS6** Method: **SW8260**

Dibromochloromethane	19.94	1.0	20	0	99.7	60-135	20.14	0.998	30
Dibromomethane	20.04	1.0	20	0	100	75-125	20.5	2.27	30
Dichlorodifluoromethane	14.54	1.0	20	0	72.7	30-155	15.15	4.11	30
Ethylbenzene	20.04	1.0	20	0	100	75-125	21.12	5.25	30
Hexachlorobutadiene	21.19	5.0	20	0	106	50-140	23.25	9.27	30
Hexachloroethane	20.9	1.0	20	0	104	70-135	21.9	4.67	30
Iodomethane	20.87	5.0	20	0	104	70-135	20.82	0.24	30
Isopropylbenzene	19.28	1.0	20	0	96.4	75-125	20.25	4.91	30
m,p-Xylene	40.6	2.0	40	0	102	75-130	42.65	4.92	30
Methyl tert-butyl ether	21.24	5.0	20	0	106	65-125	21.26	0.0941	30
Methylene chloride	20.53	5.0	20	0	103	55-140	21.33	3.82	30
n-Butylbenzene	19.34	1.0	20	0	96.7	70-135	20.58	6.21	30
n-Propylbenzene	18.96	1.0	20	0	94.8	70-130	19.93	4.99	30
Naphthalene	19.21	5.0	20	0	96	55-140	20.16	4.83	30
o-Xylene	20.19	1.0	20	0	101	80-120	21.04	4.12	30
p-Isopropyltoluene	19.27	2.0	20	0	96.4	75-130	20.73	7.3	30
sec-Butylbenzene	19.33	2.0	20	0	96.6	70-125	20.34	5.09	30
Styrene	19.88	1.0	20	0	99.4	65-135	20.54	3.27	30
tert-Butylbenzene	19.75	2.0	20	0	98.8	70-130	20.91	5.71	30
Tetrachloroethene	20.13	2.0	20	0	101	45-150	21.27	5.51	30
Tetrahydrofuran	19.8	10	20	0	99	70-135	20.35	2.74	30
Toluene	19.26	1.0	20	0	96.3	75-120	20.2	4.76	30
trans-1,2-Dichloroethene	20.25	1.0	20	0	101	60-140	21.22	4.68	30
trans-1,3-Dichloropropene	19.16	1.0	20	0	95.8	55-140	19.37	1.09	30
trans-1,4-Dichloro-2-butene	22.03	5.0	20	0	110	70-135	22.09	0.272	30
Trichloroethene	20.05	1.0	20	0	100	70-125	21.08	5.01	30
Trichlorofluoromethane	17.82	1.0	20	0	89.1	60-145	18.78	5.25	30
Vinyl chloride	19.23	1.0	20	0	96.2	50-145	20.24	5.12	30
Xylenes, Total	60.79	2.0	60	0	101	75-130	63.69	4.66	30
Surr: 1,2-Dichloroethane-d4	*99.99*	0	*100*	0	*100*	*70-120*	100	*0.01*	*30*
Surr: 4-Bromofluorobenzene	*100.9*	0	*100*	0	*101*	*75-120*	99.81	*1.1*	*30*
Surr: Dibromofluoromethane	*102.3*	0	*100*	0	*102*	*85-115*	102.3	*0.0489*	*30*
Surr: Toluene-d8	*99.49*	0	*100*	0	*99.5*	*85-120*	98.8	*0.696*	*30*

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104570
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R89491** Instrument ID **VMS6** Method: **SW8260**

MS Sample ID: **1104641-03A MS** Units: **µg/Kg** Analysis Date: **4/28/2011 12:45 PM**

Client ID: Run ID: **VMS6_110427A** SeqNo: **1612812** Prep Date: DF: **100**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	1779	150	2000	0	89	75-125	0			
1,1,1-Trichloroethane	1708	100	2000	0	85.4	70-135	0			
1,1,2,2-Tetrachloroethane	1947	200	2000	0	97.4	55-130	0			
1,1,2-Trichloroethane	1882	200	2000	0	94.1	60-125	0			
1,1-Dichloroethane	1707	100	2000	0	85.4	75-125	0			
1,1-Dichloroethene	1754	100	2000	0	87.7	65-135	0			
1,1-Dichloropropene	1768	100	2000	0	88.4	70-135	0			
1,2,3-Trichlorobenzene	1661	200	2000	0	83	60-135	0			
1,2,3-Trichloropropane	1888	200	2000	0	94.4	65-130	0			
1,2,4-Trichlorobenzene	1639	100	2000	0	82	65-130	0			
1,2,4-Trimethylbenzene	1742	100	2000	0	87.1	65-135	0			
1,2-Dibromo-3-chloropropane	1665	200	2000	0	83.2	40-135	0			
1,2-Dibromoethane	1784	150	2000	0	89.2	70-125	0			
1,2-Dichlorobenzene	1875	100	2000	0	93.8	75-120	0			
1,2-Dichloroethane	1891	100	2000	0	94.6	70-135	0			
1,2-Dichloropropane	1814	350	2000	0	90.7	70-120	0			
1,3,5-Trimethylbenzene	1723	100	2000	0	86.2	65-135	0			
1,3-Dichlorobenzene	1773	100	2000	0	88.6	70-125	0			
1,3-Dichloropropane	1855	150	2000	0	92.8	75-125	0			
1,4-Dichlorobenzene	1800	100	2000	0	90	70-125	0			
2,2-Dichloropropane	884	60	2000	0	44.2	65-135	0			S
2-Butanone	1698	750	2000	0	84.9	30-160	0			
2-Chlorotoluene	1773	150	2000	0	88.6	70-130	0			
2-Hexanone	2037	500	2000	0	102	45-145	0			
4-Chlorotoluene	1688	200	2000	0	84.4	75-125	0			
4-Methyl-2-pentanone	2609	500	2000	0	130	45-145	0			
Acetone	2561	450	2000	0	128	20-160	0			
Acrylonitrile	1923	400	2000	0	96.2	70-135	0			
Benzene	1810	100	2000	0	90.5	75-125	0			
Bromobenzene	1803	150	2000	0	90.2	65-120	0			
Bromochloromethane	1870	150	2000	0	93.5	70-125	0			
Bromodichloromethane	1761	150	2000	0	88	70-130	0			
Bromoform	1706	100	2000	0	85.3	55-135	0			
Bromomethane	1776	150	2000	0	88.8	30-160	0			
Carbon disulfide	1703	150	2000	0	85.2	45-160	0			
Carbon tetrachloride	1641	100	2000	0	82	65-135	0			
Chlorobenzene	1811	150	2000	0	90.6	75-125	0			
Chloroethane	1777	300	2000	0	88.8	40-155	0			
Chloroform	1770	100	2000	0	88.5	70-125	0			
Chloromethane	1772	300	2000	0	88.6	50-130	0			
cis-1,2-Dichloroethene	1772	200	2000	0	88.6	65-125	0			
cis-1,3-Dichloropropene	1716	100	2000	0	85.8	70-125	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104570
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R89491** Instrument ID **VMS6** Method: **SW8260**

Dibromochloromethane	1664	200	2000	0	83.2	65-135	0	
Dibromomethane	1809	200	2000	0	90.4	75-130	0	
Dichlorodifluoromethane	1456	100	2000	0	72.8	35-135	0	
Ethylbenzene	1757	200	2000	0	87.8	75-125	0	
Hexachlorobutadiene	2183	100	2000	0	109	55-140	0	
Hexachloroethane	1657	100	2000	0	82.8	70-135	0	
Iodomethane	1151	250	2000	170	49	70-135	0	S
Isopropylbenzene	1729	100	2000	0	86.4	75-130	0	
m,p-Xylene	3573	200	4000	0	89.3	80-125	0	
Methyl tert-butyl ether	2309	150	2000	0	115	75-125	0	
Methylene chloride	1831	200	2000	0	91.6	55-145	0	
n-Butylbenzene	1697	50	2000	0	84.8	65-140	0	
n-Propylbenzene	1681	200	2000	0	84	65-135	0	
Naphthalene	1618	200	2000	0	80.9	40-140	0	
o-Xylene	1758	100	2000	0	87.9	75-125	0	
p-Isopropyltoluene	1702	950	2000	0	85.1	75-135	0	
sec-Butylbenzene	1744	100	2000	0	87.2	65-130	0	
Styrene	1713	150	2000	0	85.6	75-125	0	
tert-Butylbenzene	1778	150	2000	0	88.9	65-130	0	
Tetrachloroethene	1777	100	2000	0	88.8	64-140	0	
Tetrahydrofuran	2096	150	2000	0	105	70-135	0	
Toluene	1663	150	2000	0	83.2	70-125	0	
trans-1,2-Dichloroethene	1788	100	2000	0	89.4	65-135	0	
trans-1,3-Dichloropropene	1508	150	2000	0	75.4	65-125	0	
trans-1,4-Dichloro-2-butene	1496	350	2000	0	74.8	70-135	0	
Trichloroethene	1767	100	2000	0	88.4	75-125	0	
Trichlorofluoromethane	1693	100	2000	0	84.6	25-185	0	
Vinyl chloride	1834	200	2000	0	91.7	60-125	0	
Xylenes, Total	5331	300	6000	0	88.8	75-125	0	
Surr: 1,2-Dichloroethane-d4	*10440*	0	*10000*	0	*104*	*70-120*	0	
Surr: 4-Bromofluorobenzene	*10050*	0	*10000*	0	*100*	*75-120*	0	
Surr: Dibromofluoromethane	*10130*	0	*10000*	0	*101*	*85-115*	0	
Surr: Toluene-d8	*9774*	0	*10000*	0	*97.7*	*85-115*	0	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104570
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R89491** Instrument ID **VMS6** Method: **SW8260**

MSD Sample ID: **1104641-03A MSD** Units: **µg/Kg** Analysis Date: **4/28/2011 01:10 PM**

Client ID: Run ID: **VMS6_110427A** SeqNo: **1612813** Prep Date: DF: **100**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	1743	150	2000	0	87.2	75-125	1779	2.04	30	
1,1,1-Trichloroethane	1637	100	2000	0	81.8	70-135	1708	4.25	30	
1,1,2,2-Tetrachloroethane	2100	200	2000	0	105	55-130	1947	7.56	30	
1,1,2-Trichloroethane	2001	200	2000	0	100	60-125	1882	6.13	30	
1,1-Dichloroethane	1679	100	2000	0	84	75-125	1707	1.65	30	
1,1-Dichloroethene	1701	100	2000	0	85	65-135	1754	3.07	30	
1,1-Dichloropropene	1743	100	2000	0	87.2	70-135	1768	1.42	30	
1,2,3-Trichlorobenzene	1837	200	2000	0	91.8	60-135	1661	10.1	30	
1,2,3-Trichloropropane	2053	200	2000	0	103	65-130	1888	8.37	30	
1,2,4-Trichlorobenzene	1730	100	2000	0	86.5	65-130	1639	5.4	30	
1,2,4-Trimethylbenzene	1696	100	2000	0	84.8	65-135	1742	2.68	30	
1,2-Dibromo-3-chloropropane	1761	200	2000	0	88	40-135	1665	5.6	30	
1,2-Dibromoethane	1927	150	2000	0	96.4	70-125	1784	7.71	30	
1,2-Dichlorobenzene	1897	100	2000	0	94.8	75-120	1875	1.17	30	
1,2-Dichloroethane	1952	100	2000	0	97.6	70-135	1891	3.17	30	
1,2-Dichloropropane	1769	350	2000	0	88.4	70-120	1814	2.51	30	
1,3,5-Trimethylbenzene	1693	100	2000	0	84.6	65-135	1723	1.76	30	
1,3-Dichlorobenzene	1763	100	2000	0	88.2	70-125	1773	0.566	30	
1,3-Dichloropropane	1979	150	2000	0	99	75-125	1855	6.47	30	
1,4-Dichlorobenzene	1804	100	2000	0	90.2	70-125	1800	0.222	30	
2,2-Dichloropropane	865	60	2000	0	43.2	65-135	884	2.17	30	S
2-Butanone	1823	750	2000	0	91.2	30-160	1698	7.1	30	
2-Chlorotoluene	1763	150	2000	0	88.2	70-130	1773	0.566	30	
2-Hexanone	2318	500	2000	0	116	45-145	2037	12.9	30	
4-Chlorotoluene	1656	200	2000	0	82.8	75-125	1688	1.91	30	
4-Methyl-2-pentanone	2916	500	2000	0	146	45-145	2609	11.1	30	S
Acetone	2996	450	2000	0	150	20-160	2561	15.7	30	
Acrylonitrile	2072	400	2000	0	104	70-135	1923	7.46	30	
Benzene	1791	100	2000	0	89.6	75-125	1810	1.06	30	
Bromobenzene	1840	150	2000	0	92	65-120	1803	2.03	30	
Bromochloromethane	1919	150	2000	0	96	70-125	1870	2.59	30	
Bromodichloromethane	1748	150	2000	0	87.4	70-130	1761	0.741	30	
Bromoform	1750	100	2000	0	87.5	55-135	1706	2.55	30	
Bromomethane	2002	150	2000	0	100	30-160	1776	12	30	
Carbon disulfide	1641	150	2000	0	82	45-160	1703	3.71	30	
Carbon tetrachloride	1546	100	2000	0	77.3	65-135	1641	5.96	30	
Chlorobenzene	1785	150	2000	0	89.2	75-125	1811	1.45	30	
Chloroethane	1767	300	2000	0	88.4	40-155	1777	0.564	30	
Chloroform	1735	100	2000	0	86.8	70-125	1770	2	30	
Chloromethane	1869	300	2000	0	93.4	50-130	1772	5.33	30	
cis-1,2-Dichloroethene	1699	200	2000	0	85	65-125	1772	4.21	30	
cis-1,3-Dichloropropene	1770	100	2000	0	88.5	70-125	1716	3.1	30	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104570
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R89491** Instrument ID **VMS6** Method: **SW8260**

Dibromochloromethane	1703	200	2000	0	85.2	65-135	1664	2.32	30	
Dibromomethane	1922	200	2000	0	96.1	75-130	1809	6.06	30	
Dichlorodifluoromethane	1411	100	2000	0	70.6	35-135	1456	3.14	30	
Ethylbenzene	1711	200	2000	0	85.6	75-125	1757	2.65	30	
Hexachlorobutadiene	2215	100	2000	0	111	55-140	2183	1.46	30	
Hexachloroethane	1553	100	2000	0	77.6	70-135	1657	6.48	30	
Iodomethane	1328	250	2000	170	57.9	70-135	1151	14.3	30	S
Isopropylbenzene	1667	100	2000	0	83.4	75-130	1729	3.65	30	
m,p-Xylene	3480	200	4000	0	87	80-125	3573	2.64	30	
Methyl tert-butyl ether	2470	150	2000	0	124	75-125	2309	6.74	30	
Methylene chloride	1881	200	2000	0	94	55-145	1831	2.69	30	
n-Butylbenzene	1702	50	2000	0	85.1	65-140	1697	0.294	30	
n-Propylbenzene	1642	200	2000	0	82.1	65-135	1681	2.35	30	
Naphthalene	1757	200	2000	0	87.8	40-140	1618	8.24	30	
o-Xylene	1752	100	2000	0	87.6	75-125	1758	0.342	30	
p-Isopropyltoluene	1648	950	2000	0	82.4	75-135	1702	3.22	30	
sec-Butylbenzene	1730	100	2000	0	86.5	65-130	1744	0.806	30	
Styrene	1721	150	2000	0	86	75-125	1713	0.466	30	
tert-Butylbenzene	1727	150	2000	0	86.4	65-130	1778	2.91	30	
Tetrachloroethene	1714	100	2000	0	85.7	64-140	1777	3.61	30	
Tetrahydrofuran	2301	150	2000	0	115	70-135	2096	9.32	30	
Toluene	1654	150	2000	0	82.7	70-125	1663	0.543	30	
trans-1,2-Dichloroethene	1695	100	2000	0	84.8	65-135	1788	5.34	30	
trans-1,3-Dichloropropene	1540	150	2000	0	77	65-125	1508	2.1	30	
trans-1,4-Dichloro-2-butene	1557	350	2000	0	77.8	70-135	1496	4	30	
Trichloroethene	1680	100	2000	0	84	75-125	1767	5.05	30	
Trichlorofluoromethane	1606	100	2000	0	80.3	25-185	1693	5.27	30	
Vinyl chloride	1813	200	2000	0	90.6	60-125	1834	1.15	30	
Xylenes, Total	5232	300	6000	0	87.2	75-125	5331	1.87	30	
Surr: 1,2-Dichloroethane-d4	*10770*	0	*10000*	0	*108*	*70-120*	10440	*3.12*	*30*	
Surr: 4-Bromofluorobenzene	*10200*	0	*10000*	0	*102*	*75-120*	10050	*1.48*	*30*	
Surr: Dibromofluoromethane	*10300*	0	*10000*	0	*103*	*85-115*	10130	*1.72*	*30*	
Surr: Toluene-d8	*9880*	0	*10000*	0	*98.8*	*85-115*	9774	*1.08*	*30*	

The following samples were analyzed in this batch: 1104570-01A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104570
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R89519** Instrument ID **VMS5** Method: **SW8260**

MBLK Sample ID: **VBLKW2-110428-R89519** Units: **µg/L** Analysis Date: **4/29/2011 01:50 AM**

Client ID: Run ID: **VMS5_110428B** SeqNo: **1613442** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2-Methylnaphthalene	0.59	10								J
Surr: 1,2-Dichloroethane-d4	*90.18*	0	*100*	0	*90.2*	*70-120*	0			
Surr: 4-Bromofluorobenzene	*94.69*	0	*100*	0	*94.7*	*75-120*	0			
Surr: Dibromofluoromethane	*98.26*	0	*100*	0	*98.3*	*85-115*	0			
Surr: Toluene-d8	*100.8*	0	*100*	0	*101*	*85-120*	0			

The following samples were analyzed in this batch: 1104570-01A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

☐ **ALS Environmental**
10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. +1 281 530 5656
Fax. +1 281 530 5887

Chain of Custody Form

Page _____ of _____

COC ID: 11146

☐ **ALS Environmental**
3352 128th Ave.
Holland, MI 49424-9263
Tel: +1 616 399 6070
Fax: +1 616 399 6185

ALS Project Manager: | ALS Work Order #: 1104570

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	Reclamation Oil	A	VOC's
Work Order		Project Number		B	PCB's
Company Name	Horizon Environmental	Bill To Company	Horizon Environmental	C	LEAD
Send Report To	Bill Davidson	Invoice Attn	Accounts Payable	D	Arsenic
Address	4771 50th Street	Address	4771 50th Street	E	
				F	
City/State/Zip	Grand Rapids, MI 49512	City/State/Zip	Grand Rapids, MI 49512	G	
Phone	(616) 554-3210	Phone	(616) 554-3210	H	
Fax	(616) 554-3211	Fax	(616) 554-3211	I	
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	~~Field Blank~~ RO-FB-01	4-21-11	1110	water	HCL HNO3	5	X	X	X	X							
2	RA 5/2/11																
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	

Sampler(s) Please Print & Sign: Mike Potter

Shipment Method:

Required Turnaround Time: (Check Box) STANDARD ☐ Std 10 WK Days ☐ 5 WK Days ☐ 2 WK Days ☐ 24 Hour ☐ Other _____

Results Due Date:

Notes:

Relinquished by:	Date: 4-21-11	Time: 3:00 pm	Received by:	
Relinquished by:	Date:	Time:	Received by (Laboratory):	4/22/11 0730
Logged by (Laboratory): DFS	Date: 4/22/11	Time: 0800	Checked by (Laboratory):	

Cooler ID	Cooler Temp.
	4.4°C

QC Package: (Check One Box Below)
☐ Level II Std QC ☐ TRRP CheckList
☐ Level III Std QC/Raw Data ☐ TRRP Level IV
☐ Level IV SW846/CLP
☐ Other _____

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
3. The Chain of Custody is a legal document. All information must be completed accurately.

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ALS Group USA, Corp

Sample Receipt Checklist

Client Name: **HORIZONENV-GR** Date/Time Received: **22-Apr-11 07:30**

Work Order: **1104570** Received by: **DS**

Checklist completed by Diane Shaw (eSignature) 22-Apr-11 (Date) Reviewed by: Joseph Rebar (eSignature) 25-Apr-11 (Date)

Matrices: Water
Carrier name: City Transfer

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Temperature(s)/Thermometer(s):	4.4 c		
Cooler(s)/Kit(s):			
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐
pH adjusted?	Yes ☐	No ☑	N/A ☐
pH adjusted by:	-		

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction:

DATA VALIDATION REPORT

RECLAMATION OIL SITE
6472 SELKIRK STREET
DETROIT, MICHIGAN

Date: May 2, 2011
Laboratory: ALS Laboratory Group (ALS), Holland, Michigan
Laboratory Work Order #: 1104569
Data Validation Performed By: Karen Hathaway, Horizon Environmental

This data validation report has been prepared by Horizon Environmental Corporation on behalf of the Respondents to the Administrative Settlement Agreement and Order on Consent for Removal Action Docket No. V-W-10-C-955 (Settlement Agreement) entered into by the U.S. Environmental Protection Agency (U.S. EPA) and Respondents[1] with an effective date of September 30, 2010.

This report documents the data validation for 6 soil samples (plus one duplicate sample and one methanol trip blank) collected from the Reclamation Oil Site that were analyzed for the following parameters by U.S. Environmental Protection Agency (U.S. EPA) methods:

- Target Compound List (TCL) Volatile Organic Compounds (VOC) by SW-846 Method 8260B;
- Polychlorinated biphenyls (PCB) by SW-846 Method 8082; and
- Arsenic and lead by SW-846 Method 6020A.

All of the collected samples were analyzed by the laboratory (100% completeness). A Level II data package was requested from ALS. The data validation was conducted in general accordance with the U.S. EPA "Contract Laboratory Program National Functional Guidance for Superfund Organic Methods Data Review" dated June 2008. The Attachment contains the results summary sheets with the hand-written qualifiers applied during data validation.

VOCs BY SW-846 METHOD 8260B

1. Samples

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

[1] The Respondents consist of Univar USA Inc., SPX Corporation, BorgWarner Inc., and Ford Motor Company.

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
RO-S-VS-33	1104569-01	Soil	4/21/2011	4/27/2011
RO-S-VS-34	1104569-02	Soil	4/21/2011	4/27/2011
RO-S-VS-35	1104569-03	Soil	4/21/2011	4/27/2011
RO-S-VS-36	1104569-04	Soil	4/21/2011	4/25/2011
RO-FD-VS-36	1104569-05	Soil	4/21/2011	4/25/2011
RO-S-BD-1	1104569-06	Soil	4/21/2011	4/27/2011
RO-MB-04	1104569-08	Soil	4/21/2011	4/25/2011

2. Holding Times

The samples were analyzed within the required holding time limit of 14 days from sample collection.

3. Blanks

Method blanks were analyzed with the samples for VOC analyses. The method blanks were free of target compound contamination above the reporting limit with one exception. Chloroform was detected above the practical quantitation limit (PQL) in one method blank analyzed on April 27, 2011. However, samples were rerun and reported from a different analytical run. Therefore, no qualifications are required for the reported data.

2-Butanone, acetone, chloroform, and naphthalene were detected in the method blanks below the PQLs. No qualifications are required because either 1) the investigative results were non-detect at limits higher than the blank detection, or 2) the compounds were detected at much higher concentrations in the investigative samples.

The methanol blank RO-MB-04 was free of target compound contamination above the reporting limit.

4. Surrogate Results

The surrogate recovery results were within the laboratory-established quality control (QC) limits.

5. Laboratory Control Sample (LCS) Results

The LCS percent recoveries were within laboratory-established QC limits except as follows. For the LCS associated with analysis date April 24, 2011, acetone was outside the QC limits. For analyses of acetone dated April 25, 2011, non-detect quantitation limits were flagged "UJ" as estimated.

6. Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Results

The MS/MSD results associated with the samples analyzed on April 25, 2011 had recoveries outside QC limits for the following: 2,2-dichloropropane and trans-1,4-dichloro-2-butene. For samples analyzed on April 25, 2011, quantitation limits for non-detected results for these compounds were flagged "UJ" as estimated.

The MS/MSD results associated with the samples analyzed on April 27, 2011 had recoveries outside QC limits for the following: 2,2-dichloropropane, hexachloroethane, n-nutylbenzene, p-isopropyltoluene, sec-butylbenzene, and tert-butylbenzene. For samples analyzed on April 27, 2011, detections for these compounds were flagged "J" as estimated and quantitation limits for non-detected results for these compounds were flagged "UJ" as estimated.

7. Field Duplicate Results

A field duplicate sample was collected at the frequency specified in the QAPP. Sample RO-FD-VS-36 is a duplicate of sample RO-S-VS-36. Field duplicate sample RO-FD-VS-36 showed good correlation with the investigative sample for some compounds and poor correlation with the investigative sample for other compounds. This poor correlation in duplicate results was attributed to the heterogeneous nature of the sample location. The area from which the sample and duplicate were collected was subsequently over-excavated and re-sampled. The results of these subsequent analyses are validated in a separate report.

8. Overall Assessment

The VOC data are acceptable for use as qualified based on the information received.

PCBS BY SW-846 METHOD 8082

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
RO-S-VS-36	1104569-04	Soil	4/21/2011	4/22/2011	4/22/2011
RO-FD-VS-36	1104569-05	Soil	4/21/2011	4/22/2011	4/22/2011
RO-S-BD-1	1104569-06	Soil	4/21/2011	4/26/2011	4/26/2011

2. Holding Times

The samples were analyzed within the required holding time limit of 14 days from sample collection to extraction and 40 days from extraction to analysis.

3. Blanks

The method blanks were free of target compound contamination above the reporting limit.

4. Surrogates

The surrogate recovery results were within the laboratory-established QC limits.

5. LCS Results

The LCS recoveries were within the laboratory-established QC limits.

6. MS and MSD Results

Percent recoveries and RPDs for the MS/MSD samples were within laboratory QC limits.

7. Field Duplicate Results

Field duplicate samples for PCB analysis were collected at the frequency specified in the QAPP. Sample RO-FD-VS-36 is a duplicate of sample RO-S-VS-36. Field duplicate sample RO-FD-VS-36 showed good correlation with the investigative sample (all non-detect).

8. Overall Assessment

The PCB data are acceptable for use based on the information received.

ARSENIC AND LEAD BY SW-846 METHOD 6020A

1. Samples

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

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
RO-S-VS-36	1104569-04	Soil	4/21/2011	4/24/2011	4/25/2011
RO-FD-VS-36	1104569-05	Soil	4/21/2011	4/24/2011	4/25/2011
RO-S-BD-1	1104569-06	Soil	4/21/2011	4/26/2011	4/26/2011
RO-S-VS-38	1104569-07	Soil	4/21/2011	4/24/2011	4/25/2011

2. Holding Times

The samples were analyzed within the required holding time limit of 180 days from sample collection to analysis.

3. Blanks

The method blanks were free of target compound contamination above the reporting limit. Arsenic and lead were detected below the PQL in the method blanks. Because arsenic and lead were detected at higher concentrations in the samples, no qualification is required.

4. LCS Results

The LCS recoveries were within the laboratory-established QC limits.

5. MS and MSD Results

Arsenic and lead recoveries were outside laboratory QC limits for the MS/MSD samples analyzed on April 25 and April 26, 2011. For samples analyzed for arsenic and lead on April 25 and April 26, 2011, detected results were flagged "J" as estimated.

6. Field Duplicate Results

Field duplicate samples for metals analysis were collected at the frequency specified in the QAPP. Sample RO-FD-VS-36 is a duplicate of sample RO-S-VS-36. Field duplicate sample RO-FD-VS-36 showed good correlation for arsenic and lead in the investigative sample.

7. Overall Assessment

The metals data are acceptable for use as qualified based on the information received.

DISCREPANCY FROM QAPP

The sample identification codes on the chain-of-custody (COC) for the field duplicate sample and methanol blank did not follow the field identification system provided in the QAPP. Notations were made on the COC, the laboratory was notified, and the sample identification codes were revised accordingly. No qualification of the data is needed. The Horizon Field Team Leader was informed of the sample identification code discrepancies so that corrective measures could be taken for future sampling events.

ATTACHMENT

ALS LABORATORY GROUP
RESULTS SUMMARY WITH QUALIFIERS

ALS Environmental

01-May-2011

Bill Davidson
Horizon Environmental
4771 50th Street
Grand Rapids, MI 49512

Re: **Reclamation Oil** Work Order: **1104569**

Dear Bill,

ALS Environmental received 8 samples on 22-Apr-2011 07:30 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 61.

If you have any questions regarding this report, please feel free to contact me.

Sincerely,

Joseph Ribar

Electronically approved by: Joseph Ribar

Joseph Ribar
Project Manager

ACCREDITED IN ACCORDANCE WITH nelac

Certificate No: IL100452

ALS Group USA, Corp

Date: 01-May-11

Client: Horizon Environmental
Project: Reclamation Oil
Work Order: **1104569**

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
1104569-01	RO-S-VS-33	Soil		4/21/2011 12:00	4/22/2011 07:30	☐
1104569-02	RO-S-VS-34	Soil		4/21/2011 12:10	4/22/2011 07:30	☐
1104569-03	RO-S-VS-35	Soil		4/21/2011 12:15	4/22/2011 07:30	☐
1104569-04	RO-S-VS-36	Soil		4/21/2011 12:20	4/22/2011 07:30	☐
1104569-05	RO-FD-VS-36	Soil		4/21/2011 12:25	4/22/2011 07:30	☐
1104569-06	RO-S-BD-1	Soil		4/21/2011 13:30	4/22/2011 07:30	☐
1104569-07	RO-S-VS-38	Soil		4/21/2011 12:35	4/22/2011 07:30	☐
1104569-08	RO-MB-04	Soil		4/21/2011	4/22/2011 07:30	☐

Client: Horizon Environmental
Project: Reclamation Oil
Work Order: 1104569

Case Narrative

QC Summary

Metals by ICP-MS

Batch 32980, Method 6020A, Sample 1104561-03A MS/MSD recoveries were outside control limits due to matrix interference.

Batch 33007, Method 6020A, Sample 1104569-06B MS/MSD recoveries were outside control limits due to matrix interference.

Volatile Organic Compounds

Batch R89343, Method 8260, Sample VLCSW1-110424: Acetone recovery exceeded the upper control limit due to a sporadic marginal exceedance.

Batch R89343, Method 8260, Sample 1104498-09A MS/MSD: Compound recoveries were outside control limits due to matrix interference.

Batch R89446, Method 8260, Sample VLCSW2/VLCSDW2-110426: Chloroform was "B" flagged; however samples were rerun and reported from a different analytical run.

ALS Group USA, Corp

Date: 01-May-11

Client: Horizon Environmental
Project: Reclamation Oil
WorkOrder: **1104569**

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL

Acronym	Description
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitation Limit
SD	Serial Dilution
TDL	Target Detection Limit

Units Reported	Description
% of sample	Percent of Sample
µg/Kg	Micrograms per Kilogram
µg/Kg-dry	Micrograms per Kilogram Dry Weight
mg/Kg-dry	Milligrams per Kilogram Dry Weight

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-S-VS-33
Collection Date: 4/21/2011 12:00 PM

Work Order: 1104569
Lab ID: 1104569-01
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **AK**
1,1,1,2-Tetrachloroethane	ND		170	µg/Kg-dry	100	4/27/2011 04:36 AM
1,1,1-Trichloroethane	ND		110	µg/Kg-dry	100	4/27/2011 04:36 AM
1,1,2,2-Tetrachloroethane	ND		110	µg/Kg-dry	100	4/27/2011 04:36 AM
1,1,2-Trichloroethane	ND		56	µg/Kg-dry	100	4/27/2011 04:36 AM
1,1,2-Trichlorotrifluoroethane	ND		110	µg/Kg-dry	100	4/27/2011 04:36 AM
1,1-Dichloroethane	ND		110	µg/Kg-dry	100	4/27/2011 04:36 AM
1,1-Dichloroethene	ND		56	µg/Kg-dry	100	4/27/2011 04:36 AM
1,1-Dichloropropene	ND		110	µg/Kg-dry	100	4/27/2011 04:36 AM
1,2,3-Trichlorobenzene	ND		230	µg/Kg-dry	100	4/27/2011 04:36 AM
1,2,3-Trichloropropane	ND		230	µg/Kg-dry	100	4/27/2011 04:36 AM
1,2,4-Trichlorobenzene	ND		110	µg/Kg-dry	100	4/27/2011 04:36 AM
1,2,4-Trimethylbenzene	**710**		**110**	**µg/Kg-dry**	100	4/27/2011 04:36 AM
1,2-Dibromo-3-chloropropane	ND		110	µg/Kg-dry	100	4/27/2011 04:36 AM
1,2-Dibromoethane	ND		170	µg/Kg-dry	100	4/27/2011 04:36 AM
1,2-Dichlorobenzene	ND		110	µg/Kg-dry	100	4/27/2011 04:36 AM
1,2-Dichloroethane	ND		56	µg/Kg-dry	100	4/27/2011 04:36 AM
1,2-Dichloropropane	ND		56	µg/Kg-dry	100	4/27/2011 04:36 AM
1,3,5-Trimethylbenzene	**300**		**110**	**µg/Kg-dry**	100	4/27/2011 04:36 AM
1,3-Dichlorobenzene	ND		56	µg/Kg-dry	100	4/27/2011 04:36 AM
1,3-Dichloropropane	ND		56	µg/Kg-dry	100	4/27/2011 04:36 AM
1,4-Dichlorobenzene	ND		56	µg/Kg-dry	100	4/27/2011 04:36 AM
2,2-Dichloropropane	ND	UJ	56	µg/Kg-dry	100	4/27/2011 04:36 AM
2-Butanone	ND		850	µg/Kg-dry	100	4/27/2011 10:37 AM
2-Chlorotoluene	ND		56	µg/Kg-dry	100	4/27/2011 04:36 AM
2-Hexanone	ND		560	µg/Kg-dry	100	4/27/2011 04:36 AM
2-Methylnaphthalene	**390**		**340**	**µg/Kg-dry**	100	4/27/2011 04:36 AM
4-Chlorotoluene	ND		230	µg/Kg-dry	100	4/27/2011 04:36 AM
4-Methyl-2-pentanone	ND		560	µg/Kg-dry	100	4/27/2011 04:36 AM
Acetone	ND		510	µg/Kg-dry	100	4/27/2011 10:37 AM
Acrylonitrile	ND		110	µg/Kg-dry	100	4/27/2011 04:36 AM
Benzene	ND		56	µg/Kg-dry	100	4/27/2011 04:36 AM
Bromobenzene	ND		170	µg/Kg-dry	100	4/27/2011 04:36 AM
Bromochloromethane	ND		170	µg/Kg-dry	100	4/27/2011 04:36 AM
Bromodichloromethane	ND		170	µg/Kg-dry	100	4/27/2011 04:36 AM
Bromoform	ND		110	µg/Kg-dry	100	4/27/2011 04:36 AM
Carbon disulfide	ND		170	µg/Kg-dry	100	4/27/2011 04:36 AM
Carbon tetrachloride	ND		110	µg/Kg-dry	100	4/27/2011 04:36 AM
Chlorobenzene	ND		170	µg/Kg-dry	100	4/27/2011 04:36 AM
Chloroethane	ND		340	µg/Kg-dry	100	4/27/2011 04:36 AM

KA 5/2/11

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-S-VS-33
Collection Date: 4/21/2011 12:00 PM

Work Order: 1104569
Lab ID: 1104569-01
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Chloroform	ND		110	µg/Kg-dry	100	4/27/2011 10:37 AM
Chloromethane	ND		340	µg/Kg-dry	100	4/27/2011 04:36 AM
cis-1,2-Dichloroethene	ND		230	µg/Kg-dry	100	4/27/2011 04:36 AM
cis-1,3-Dichloropropene	ND		110	µg/Kg-dry	100	4/27/2011 04:36 AM
Dibromochloromethane	ND		230	µg/Kg-dry	100	4/27/2011 04:36 AM
Dibromomethane	ND		230	µg/Kg-dry	100	4/27/2011 04:36 AM
Dichlorodifluoromethane	ND		110	µg/Kg-dry	100	4/27/2011 04:36 AM
Diethyl ether	ND		110	µg/Kg-dry	100	4/27/2011 04:36 AM
Diisopropyl ether	ND		560	µg/Kg-dry	100	4/27/2011 04:36 AM
Ethyl tert butyl ether	ND		110	µg/Kg-dry	100	4/27/2011 04:36 AM
Ethylbenzene	ND		230	µg/Kg-dry	100	4/27/2011 04:36 AM
Heptane	ND		110	µg/Kg-dry	100	4/27/2011 04:36 AM
Hexachlorobutadiene	ND		110	µg/Kg-dry	100	4/27/2011 04:36 AM
Hexachloroethane	ND	UJ	110	µg/Kg-dry	100	4/27/2011 04:36 AM
Hexane	ND		340	µg/Kg-dry	100	4/27/2011 04:36 AM
Iodomethane	ND		280	µg/Kg-dry	100	4/27/2011 04:36 AM
Isopropylbenzene	ND		110	µg/Kg-dry	100	4/27/2011 04:36 AM
m,p-Xylene	**460**		**230**	**µg/Kg-dry**	100	4/27/2011 04:36 AM
Methyl tert-butyl ether	ND		170	µg/Kg-dry	100	4/27/2011 04:36 AM
Methylene chloride	ND		110	µg/Kg-dry	100	4/27/2011 04:36 AM
n-Butylbenzene	ND	UJ	56	µg/Kg-dry	100	4/27/2011 04:36 AM
n-Propylbenzene	ND		230	µg/Kg-dry	100	4/27/2011 04:36 AM
Naphthalene	**320**		**230**	**µg/Kg-dry**	100	4/27/2011 04:36 AM
o-Xylene	**220**		**110**	**µg/Kg-dry**	100	4/27/2011 04:36 AM
p-Isopropyltoluene	**740**	J	**110**	**µg/Kg-dry**	100	4/27/2011 04:36 AM
sec-Butylbenzene	ND	UJ	110	µg/Kg-dry	100	4/27/2011 04:36 AM
Styrene	ND		170	µg/Kg-dry	100	4/27/2011 04:36 AM
tert-Amyl methyl ether	ND		110	µg/Kg-dry	100	4/27/2011 04:36 AM
tert-Butyl alcohol	ND		560	µg/Kg-dry	100	4/27/2011 04:36 AM
tert-Butylbenzene	ND	UJ	170	µg/Kg-dry	100	4/27/2011 04:36 AM
Tetrachloroethene	ND		56	µg/Kg-dry	100	4/27/2011 04:36 AM
Tetrahydrofuran	ND		170	µg/Kg-dry	100	4/27/2011 10:37 AM
Toluene	ND		170	µg/Kg-dry	100	4/27/2011 04:36 AM
trans-1,2-Dichloroethene	ND		110	µg/Kg-dry	100	4/27/2011 04:36 AM
trans-1,3-Dichloropropene	ND		170	µg/Kg-dry	100	4/27/2011 04:36 AM
trans-1,4-Dichloro-2-butene	ND		400	µg/Kg-dry	100	4/27/2011 04:36 AM
Trichloroethene	ND		56	µg/Kg-dry	100	4/27/2011 04:36 AM
Trichlorofluoromethane	ND		110	µg/Kg-dry	100	4/27/2011 04:36 AM
Vinyl acetate	ND		1,700	µg/Kg-dry	100	4/27/2011 04:36 AM
Vinyl chloride	ND		45	µg/Kg-dry	100	4/27/2011 04:36 AM

KH 5/2/11

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-S-VS-33
Collection Date: 4/21/2011 12:00 PM

Work Order: 1104569
Lab ID: 1104569-01
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
1,2-Dichloroethene, Total	ND		280	µg/Kg-dry	100	4/27/2011 04:36 AM
1,3-Dichloropropene, Total	ND		110	µg/Kg-dry	100	4/27/2011 04:36 AM
Xylenes, Total	**680**		**340**	**µg/Kg-dry**	100	4/27/2011 04:36 AM
Surr: 1,2-Dichloroethane-d4	*104*		*70-120*	*%REC*	100	4/27/2011 10:37 AM
Surr: 1,2-Dichloroethane-d4	*101*		*70-120*	*%REC*	100	4/27/2011 04:36 AM
Surr: 4-Bromofluorobenzene	*104*		*75-120*	*%REC*	100	4/27/2011 10:37 AM
Surr: 4-Bromofluorobenzene	*101*		*75-120*	*%REC*	100	4/27/2011 04:36 AM
Surr: Dibromofluoromethane	*100*		*85-115*	*%REC*	100	4/27/2011 10:37 AM
Surr: Dibromofluoromethane	*98.7*		*85-115*	*%REC*	100	4/27/2011 04:36 AM
Surr: Toluene-d8	*99.6*		*85-115*	*%REC*	100	4/27/2011 04:36 AM
Surr: Toluene-d8	*93.3*		*85-115*	*%REC*	100	4/27/2011 10:37 AM
MOISTURE			**A2540 G**			Analyst: **JJG**
Moisture	**11**		**0.050**	**% of sample**	1	4/22/2011 12:13 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-S-VS-34
Collection Date: 4/21/2011 12:10 PM

Work Order: 1104569
Lab ID: 1104569-02
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **AK**
1,1,1,2-Tetrachloroethane	ND		180	µg/Kg-dry	100	4/27/2011 05:03 AM
1,1,1-Trichloroethane	ND		120	µg/Kg-dry	100	4/27/2011 05:03 AM
1,1,2,2-Tetrachloroethane	ND		120	µg/Kg-dry	100	4/27/2011 05:03 AM
1,1,2-Trichloroethane	ND		60	µg/Kg-dry	100	4/27/2011 05:03 AM
1,1,2-Trichlorotrifluoroethane	ND		120	µg/Kg-dry	100	4/27/2011 05:03 AM
1,1-Dichloroethane	ND		120	µg/Kg-dry	100	4/27/2011 05:03 AM
1,1-Dichloroethene	ND		60	µg/Kg-dry	100	4/27/2011 05:03 AM
1,1-Dichloropropene	ND		120	µg/Kg-dry	100	4/27/2011 05:03 AM
1,2,3-Trichlorobenzene	ND		240	µg/Kg-dry	100	4/27/2011 05:03 AM
1,2,3-Trichloropropane	ND		240	µg/Kg-dry	100	4/27/2011 05:03 AM
1,2,4-Trichlorobenzene	ND		120	µg/Kg-dry	100	4/27/2011 05:03 AM
1,2,4-Trimethylbenzene	**310**		**120**	**µg/Kg-dry**	100	4/27/2011 05:03 AM
1,2-Dibromo-3-chloropropane	ND		120	µg/Kg-dry	100	4/27/2011 05:03 AM
1,2-Dibromoethane	ND		180	µg/Kg-dry	100	4/27/2011 05:03 AM
1,2-Dichlorobenzene	ND		120	µg/Kg-dry	100	4/27/2011 05:03 AM
1,2-Dichloroethane	ND		60	µg/Kg-dry	100	4/27/2011 05:03 AM
1,2-Dichloropropane	ND		60	µg/Kg-dry	100	4/27/2011 05:03 AM
1,3,5-Trimethylbenzene	**180**		**120**	**µg/Kg-dry**	100	4/27/2011 05:03 AM
1,3-Dichlorobenzene	ND		60	µg/Kg-dry	100	4/27/2011 05:03 AM
1,3-Dichloropropane	ND		60	µg/Kg-dry	100	4/27/2011 05:03 AM
1,4-Dichlorobenzene	ND		60	µg/Kg-dry	100	4/27/2011 05:03 AM
2,2-Dichloropropane	ND	UJ	60	µg/Kg-dry	100	4/27/2011 05:03 AM
2-Butanone	ND		900	µg/Kg-dry	100	4/27/2011 11:02 AM
2-Chlorotoluene	ND		60	µg/Kg-dry	100	4/27/2011 05:03 AM
2-Hexanone	ND		600	µg/Kg-dry	100	4/27/2011 05:03 AM
2-Methylnaphthalene	**400**		**360**	**µg/Kg-dry**	100	4/27/2011 05:03 AM
4-Chlorotoluene	ND		240	µg/Kg-dry	100	4/27/2011 05:03 AM
4-Methyl-2-pentanone	ND		600	µg/Kg-dry	100	4/27/2011 05:03 AM
Acetone	ND		540	µg/Kg-dry	100	4/27/2011 11:02 AM
Acrylonitrile	ND		120	µg/Kg-dry	100	4/27/2011 05:03 AM
Benzene	ND		60	µg/Kg-dry	100	4/27/2011 05:03 AM
Bromobenzene	ND		180	µg/Kg-dry	100	4/27/2011 05:03 AM
Bromochloromethane	ND		180	µg/Kg-dry	100	4/27/2011 05:03 AM
Bromodichloromethane	ND		180	µg/Kg-dry	100	4/27/2011 05:03 AM
Bromoform	ND		120	µg/Kg-dry	100	4/27/2011 05:03 AM
Carbon disulfide	ND		180	µg/Kg-dry	100	4/27/2011 05:03 AM
Carbon tetrachloride	ND		120	µg/Kg-dry	100	4/27/2011 05:03 AM
Chlorobenzene	ND		180	µg/Kg-dry	100	4/27/2011 05:03 AM
Chloroethane	ND		360	µg/Kg-dry	100	4/27/2011 05:03 AM

KA 5/2/11

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-S-VS-34
Collection Date: 4/21/2011 12:10 PM

Work Order: 1104569
Lab ID: 1104569-02
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Chloroform	ND		120	µg/Kg-dry	100	4/27/2011 11:02 AM
Chloromethane	ND		360	µg/Kg-dry	100	4/27/2011 05:03 AM
cis-1,2-Dichloroethene	ND		240	µg/Kg-dry	100	4/27/2011 05:03 AM
cis-1,3-Dichloropropene	ND		120	µg/Kg-dry	100	4/27/2011 05:03 AM
Dibromochloromethane	ND		240	µg/Kg-dry	100	4/27/2011 05:03 AM
Dibromomethane	ND		240	µg/Kg-dry	100	4/27/2011 05:03 AM
Dichlorodifluoromethane	ND		120	µg/Kg-dry	100	4/27/2011 05:03 AM
Diethyl ether	ND		120	µg/Kg-dry	100	4/27/2011 05:03 AM
Diisopropyl ether	ND		600	µg/Kg-dry	100	4/27/2011 05:03 AM
Ethyl tert butyl ether	ND		120	µg/Kg-dry	100	4/27/2011 05:03 AM
Ethylbenzene	ND		240	µg/Kg-dry	100	4/27/2011 05:03 AM
Heptane	ND		120	µg/Kg-dry	100	4/27/2011 05:03 AM
Hexachlorobutadiene	ND		120	µg/Kg-dry	100	4/27/2011 05:03 AM
Hexachloroethane	ND	UJ	120	µg/Kg-dry	100	4/27/2011 05:03 AM
Hexane	ND		360	µg/Kg-dry	100	4/27/2011 05:03 AM
Iodomethane	ND		300	µg/Kg-dry	100	4/27/2011 05:03 AM
Isopropylbenzene	ND		120	µg/Kg-dry	100	4/27/2011 05:03 AM
m,p-Xylene	**380**		**240**	**µg/Kg-dry**	100	4/27/2011 05:03 AM
Methyl tert-butyl ether	ND		180	µg/Kg-dry	100	4/27/2011 05:03 AM
Methylene chloride	ND		120	µg/Kg-dry	100	4/27/2011 05:03 AM
n-Butylbenzene	**160**	J	**60**	**µg/Kg-dry**	100	4/27/2011 05:03 AM
n-Propylbenzene	ND		240	µg/Kg-dry	100	4/27/2011 05:03 AM
Naphthalene	**320**		**240**	**µg/Kg-dry**	100	4/27/2011 05:03 AM
o-Xylene	**170**		**120**	**µg/Kg-dry**	100	4/27/2011 05:03 AM
p-Isopropyltoluene	**490**	J	**120**	**µg/Kg-dry**	100	4/27/2011 05:03 AM
sec-Butylbenzene	ND	UJ	120	µg/Kg-dry	100	4/27/2011 05:03 AM
Styrene	ND		180	µg/Kg-dry	100	4/27/2011 05:03 AM
tert-Amyl methyl ether	ND		120	µg/Kg-dry	100	4/27/2011 05:03 AM
tert-Butyl alcohol	ND		600	µg/Kg-dry	100	4/27/2011 05:03 AM
tert-Butylbenzene	ND	UJ	180	µg/Kg-dry	100	4/27/2011 05:03 AM
Tetrachloroethene	ND		60	µg/Kg-dry	100	4/27/2011 05:03 AM
Tetrahydrofuran	ND		180	µg/Kg-dry	100	4/27/2011 11:02 AM
Toluene	ND		180	µg/Kg-dry	100	4/27/2011 05:03 AM
trans-1,2-Dichloroethene	ND		120	µg/Kg-dry	100	4/27/2011 05:03 AM
trans-1,3-Dichloropropene	ND		180	µg/Kg-dry	100	4/27/2011 05:03 AM
trans-1,4-Dichloro-2-butene	ND		420	µg/Kg-dry	100	4/27/2011 05:03 AM
Trichloroethene	ND		60	µg/Kg-dry	100	4/27/2011 05:03 AM
Trichlorofluoromethane	ND		120	µg/Kg-dry	100	4/27/2011 05:03 AM
Vinyl acetate	ND		1,800	µg/Kg-dry	100	4/27/2011 05:03 AM
Vinyl chloride	ND		48	µg/Kg-dry	100	4/27/2011 05:03 AM

KA 5/2/11

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-S-VS-34
Collection Date: 4/21/2011 12:10 PM

Work Order: 1104569
Lab ID: 1104569-02
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
1,2-Dichloroethene, Total	ND		300	µg/Kg-dry	100	4/27/2011 05:03 AM
1,3-Dichloropropene, Total	ND		120	µg/Kg-dry	100	4/27/2011 05:03 AM
Xylenes, Total	**550**		**360**	**µg/Kg-dry**	100	4/27/2011 05:03 AM
Surr: 1,2-Dichloroethane-d4	*104*		*70-120*	*%REC*	100	4/27/2011 11:02 AM
Surr: 1,2-Dichloroethane-d4	*100*		*70-120*	*%REC*	100	4/27/2011 05:03 AM
Surr: 4-Bromofluorobenzene	*103*		*75-120*	*%REC*	100	4/27/2011 11:02 AM
Surr: 4-Bromofluorobenzene	*101*		*75-120*	*%REC*	100	4/27/2011 05:03 AM
Surr: Dibromofluoromethane	*98.5*		*85-115*	*%REC*	100	4/27/2011 11:02 AM
Surr: Dibromofluoromethane	*96.3*		*85-115*	*%REC*	100	4/27/2011 05:03 AM
Surr: Toluene-d8	*99.9*		*85-115*	*%REC*	100	4/27/2011 05:03 AM
Surr: Toluene-d8	*93.7*		*85-115*	*%REC*	100	4/27/2011 11:02 AM
MOISTURE			**A2540 G**			Analyst: **JJG**
Moisture	**17**		**0.050**	**% of sample**	1	4/22/2011 12:13 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-S-VS-35
Collection Date: 4/21/2011 12:15 PM

Work Order: 1104569
Lab ID: 1104569-03
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **AK**
1,1,1,2-Tetrachloroethane	ND		170	µg/Kg-dry	100	4/27/2011 05:30 AM
1,1,1-Trichloroethane	ND		110	µg/Kg-dry	100	4/27/2011 05:30 AM
1,1,2,2-Tetrachloroethane	ND		110	µg/Kg-dry	100	4/27/2011 05:30 AM
1,1,2-Trichloroethane	ND		57	µg/Kg-dry	100	4/27/2011 05:30 AM
1,1,2-Trichlorotrifluoroethane	ND		110	µg/Kg-dry	100	4/27/2011 05:30 AM
1,1-Dichloroethane	ND		110	µg/Kg-dry	100	4/27/2011 05:30 AM
1,1-Dichloroethene	ND		57	µg/Kg-dry	100	4/27/2011 05:30 AM
1,1-Dichloropropene	ND		110	µg/Kg-dry	100	4/27/2011 05:30 AM
1,2,3-Trichlorobenzene	ND		230	µg/Kg-dry	100	4/27/2011 05:30 AM
1,2,3-Trichloropropane	ND		230	µg/Kg-dry	100	4/27/2011 05:30 AM
1,2,4-Trichlorobenzene	ND		110	µg/Kg-dry	100	4/27/2011 05:30 AM
1,2,4-Trimethylbenzene	ND		110	µg/Kg-dry	100	4/27/2011 05:30 AM
1,2-Dibromo-3-chloropropane	ND		110	µg/Kg-dry	100	4/27/2011 05:30 AM
1,2-Dibromoethane	ND		170	µg/Kg-dry	100	4/27/2011 05:30 AM
1,2-Dichlorobenzene	ND		110	µg/Kg-dry	100	4/27/2011 05:30 AM
1,2-Dichloroethane	ND		57	µg/Kg-dry	100	4/27/2011 05:30 AM
1,2-Dichloropropane	ND		57	µg/Kg-dry	100	4/27/2011 05:30 AM
1,3,5-Trimethylbenzene	ND		110	µg/Kg-dry	100	4/27/2011 05:30 AM
1,3-Dichlorobenzene	ND		57	µg/Kg-dry	100	4/27/2011 05:30 AM
1,3-Dichloropropane	ND		57	µg/Kg-dry	100	4/27/2011 05:30 AM
1,4-Dichlorobenzene	ND		57	µg/Kg-dry	100	4/27/2011 05:30 AM KH
2,2-Dichloropropane	ND	UJ	57	µg/Kg-dry	100	4/27/2011 05:30 AM 5/2/11
2-Butanone	ND		860	µg/Kg-dry	100	4/27/2011 11:28 AM
2-Chlorotoluene	ND		57	µg/Kg-dry	100	4/27/2011 05:30 AM
2-Hexanone	ND		570	µg/Kg-dry	100	4/27/2011 05:30 AM
2-Methylnaphthalene	ND		340	µg/Kg-dry	100	4/27/2011 05:30 AM
4-Chlorotoluene	ND		230	µg/Kg-dry	100	4/27/2011 05:30 AM
4-Methyl-2-pentanone	ND		570	µg/Kg-dry	100	4/27/2011 05:30 AM
Acetone	ND		510	µg/Kg-dry	100	4/27/2011 11:28 AM
Acrylonitrile	ND		110	µg/Kg-dry	100	4/27/2011 05:30 AM
Benzene	ND		57	µg/Kg-dry	100	4/27/2011 05:30 AM
Bromobenzene	ND		170	µg/Kg-dry	100	4/27/2011 05:30 AM
Bromochloromethane	ND		170	µg/Kg-dry	100	4/27/2011 05:30 AM
Bromodichloromethane	ND		170	µg/Kg-dry	100	4/27/2011 05:30 AM
Bromoform	ND		110	µg/Kg-dry	100	4/27/2011 05:30 AM
Carbon disulfide	ND		170	µg/Kg-dry	100	4/27/2011 05:30 AM
Carbon tetrachloride	ND		110	µg/Kg-dry	100	4/27/2011 05:30 AM
Chlorobenzene	ND		170	µg/Kg-dry	100	4/27/2011 05:30 AM
Chloroethane	ND		340	µg/Kg-dry	100	4/27/2011 05:30 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-S-VS-35
Collection Date: 4/21/2011 12:15 PM

Work Order: 1104569
Lab ID: 1104569-03
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Chloroform	ND		110	µg/Kg-dry	100	4/27/2011 11:28 AM
Chloromethane	ND		340	µg/Kg-dry	100	4/27/2011 05:30 AM
cis-1,2-Dichloroethene	ND		230	µg/Kg-dry	100	4/27/2011 05:30 AM
cis-1,3-Dichloropropene	ND		110	µg/Kg-dry	100	4/27/2011 05:30 AM
Dibromochloromethane	ND		230	µg/Kg-dry	100	4/27/2011 05:30 AM
Dibromomethane	ND		230	µg/Kg-dry	100	4/27/2011 05:30 AM
Dichlorodifluoromethane	ND		110	µg/Kg-dry	100	4/27/2011 05:30 AM
Diethyl ether	ND		110	µg/Kg-dry	100	4/27/2011 05:30 AM
Diisopropyl ether	ND		570	µg/Kg-dry	100	4/27/2011 05:30 AM
Ethyl tert butyl ether	ND		110	µg/Kg-dry	100	4/27/2011 05:30 AM
Ethylbenzene	ND		230	µg/Kg-dry	100	4/27/2011 05:30 AM
Heptane	ND		110	µg/Kg-dry	100	4/27/2011 05:30 AM
Hexachlorobutadiene	ND		110	µg/Kg-dry	100	4/27/2011 05:30 AM
Hexachloroethane	ND	UJ	110	µg/Kg-dry	100	4/27/2011 05:30 AM
Hexane	ND		340	µg/Kg-dry	100	4/27/2011 05:30 AM
Iodomethane	ND		290	µg/Kg-dry	100	4/27/2011 05:30 AM
Isopropylbenzene	ND		110	µg/Kg-dry	100	4/27/2011 05:30 AM
m,p-Xylene	ND		230	µg/Kg-dry	100	4/27/2011 05:30 AM
Methyl tert-butyl ether	ND		170	µg/Kg-dry	100	4/27/2011 05:30 AM
Methylene chloride	ND		110	µg/Kg-dry	100	4/27/2011 05:30 AM
n-Butylbenzene	ND	UJ	57	µg/Kg-dry	100	4/27/2011 05:30 AM
n-Propylbenzene	ND		230	µg/Kg-dry	100	4/27/2011 05:30 AM
Naphthalene	ND		230	µg/Kg-dry	100	4/27/2011 05:30 AM
o-Xylene	ND		110	µg/Kg-dry	100	4/27/2011 05:30 AM
p-Isopropyltoluene	**190**	J	**110**	**µg/Kg-dry**	100	4/27/2011 05:30 AM
sec-Butylbenzene	ND	UJ	110	µg/Kg-dry	100	4/27/2011 05:30 AM
Styrene	ND		170	µg/Kg-dry	100	4/27/2011 05:30 AM
tert-Amyl methyl ether	ND		110	µg/Kg-dry	100	4/27/2011 05:30 AM
tert-Butyl alcohol	ND		570	µg/Kg-dry	100	4/27/2011 05:30 AM
tert-Butylbenzene	ND	UJ	170	µg/Kg-dry	100	4/27/2011 05:30 AM
Tetrachloroethene	ND		57	µg/Kg-dry	100	4/27/2011 05:30 AM
Tetrahydrofuran	ND		170	µg/Kg-dry	100	4/27/2011 11:28 AM
Toluene	ND		170	µg/Kg-dry	100	4/27/2011 05:30 AM
trans-1,2-Dichloroethene	ND		110	µg/Kg-dry	100	4/27/2011 05:30 AM
trans-1,3-Dichloropropene	ND		170	µg/Kg-dry	100	4/27/2011 05:30 AM
trans-1,4-Dichloro-2-butene	ND		400	µg/Kg-dry	100	4/27/2011 05:30 AM
Trichloroethene	ND		57	µg/Kg-dry	100	4/27/2011 05:30 AM
Trichlorofluoromethane	ND		110	µg/Kg-dry	100	4/27/2011 05:30 AM
Vinyl acetate	ND		1,700	µg/Kg-dry	100	4/27/2011 05:30 AM
Vinyl chloride	ND		46	µg/Kg-dry	100	4/27/2011 05:30 AM

KA 5/2/11

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-S-VS-35
Collection Date: 4/21/2011 12:15 PM

Work Order: 1104569
Lab ID: 1104569-03
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
1,2-Dichloroethene, Total	ND		290	µg/Kg-dry	100	4/27/2011 05:30 AM
1,3-Dichloropropene, Total	ND		110	µg/Kg-dry	100	4/27/2011 05:30 AM
Xylenes, Total	ND		340	µg/Kg-dry	100	4/27/2011 05:30 AM
Surr: 1,2-Dichloroethane-d4	*104*		*70-120*	*%REC*	100	4/27/2011 11:28 AM
Surr: 1,2-Dichloroethane-d4	*101*		*70-120*	*%REC*	100	4/27/2011 05:30 AM
Surr: 4-Bromofluorobenzene	*103*		*75-120*	*%REC*	100	4/27/2011 11:28 AM
Surr: 4-Bromofluorobenzene	*99.1*		*75-120*	*%REC*	100	4/27/2011 05:30 AM
Surr: Dibromofluoromethane	*98.6*		*85-115*	*%REC*	100	4/27/2011 11:28 AM
Surr: Dibromofluoromethane	*95.7*		*85-115*	*%REC*	100	4/27/2011 05:30 AM
Surr: Toluene-d8	*99.1*		*85-115*	*%REC*	100	4/27/2011 05:30 AM
Surr: Toluene-d8	*94.2*		*85-115*	*%REC*	100	4/27/2011 11:28 AM
MOISTURE			**A2540 G**			Analyst: **JJG**
Moisture	**12**		**0.050**	**% of sample**	1	4/22/2011 12:13 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-S-VS-36
Collection Date: 4/21/2011 12:20 PM

Work Order: 1104569
Lab ID: 1104569-04
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS			**SW8082**		Prep Date: **4/22/2011**	Analyst: **JD**
Aroclor 1016	ND		43	µg/Kg-dry	1	4/22/2011 06:34 PM
Aroclor 1221	ND		43	µg/Kg-dry	1	4/22/2011 06:34 PM
Aroclor 1232	ND		43	µg/Kg-dry	1	4/22/2011 06:34 PM
Aroclor 1242	ND		43	µg/Kg-dry	1	4/22/2011 06:34 PM
Aroclor 1248	ND		43	µg/Kg-dry	1	4/22/2011 06:34 PM
Aroclor 1254	ND		43	µg/Kg-dry	1	4/22/2011 06:34 PM
Aroclor 1260	ND		43	µg/Kg-dry	1	4/22/2011 06:34 PM
Aroclor 1262	ND		43	µg/Kg-dry	1	4/22/2011 06:34 PM
Aroclor 1268	ND		43	µg/Kg-dry	1	4/22/2011 06:34 PM
Surr: Decachlorobiphenyl	*69.1*		*40-140*	*%REC*	1	4/22/2011 06:34 PM
METALS BY ICP-MS			**SW6020A**		Prep Date: **4/24/2011**	Analyst: **CES**
Arsenic	**0.69**	J	**0.19**	**mg/Kg-dry**	1	4/25/2011 03:01 PM
Lead	**2.0**	J	**0.019**	**mg/Kg-dry**	1	4/25/2011 03:01 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **BG**
1,1,1,2-Tetrachloroethane	ND		1,700	µg/Kg-dry	1000	4/25/2011 08:29 AM
1,1,1-Trichloroethane	**23,000**		**1,100**	**µg/Kg-dry**	1000	4/25/2011 08:29 AM
1,1,2,2-Tetrachloroethane	ND		1,100	µg/Kg-dry	1000	4/25/2011 08:29 AM
1,1,2-Trichloroethane	ND		570	µg/Kg-dry	1000	4/25/2011 08:29 AM
1,1,2-Trichlorotrifluoroethane	ND		1,100	µg/Kg-dry	1000	4/25/2011 08:29 AM
1,1-Dichloroethane	ND		1,100	µg/Kg-dry	1000	4/25/2011 08:29 AM
1,1-Dichloroethene	ND		570	µg/Kg-dry	1000	4/25/2011 08:29 AM
1,1-Dichloropropene	ND		1,100	µg/Kg-dry	1000	4/25/2011 08:29 AM
1,2,3-Trichlorobenzene	ND		2,300	µg/Kg-dry	1000	4/25/2011 08:29 AM
1,2,3-Trichloropropane	ND		2,300	µg/Kg-dry	1000	4/25/2011 08:29 AM
1,2,4-Trichlorobenzene	ND		1,100	µg/Kg-dry	1000	4/25/2011 08:29 AM
1,2,4-Trimethylbenzene	**130,000**		**5,700**	**µg/Kg-dry**	5000	4/25/2011 02:24 PM
1,2-Dibromo-3-chloropropane	ND		1,100	µg/Kg-dry	1000	4/25/2011 08:29 AM
1,2-Dibromoethane	ND		1,700	µg/Kg-dry	1000	4/25/2011 08:29 AM
1,2-Dichlorobenzene	ND		1,100	µg/Kg-dry	1000	4/25/2011 08:29 AM
1,2-Dichloroethane	ND		570	µg/Kg-dry	1000	4/25/2011 08:29 AM
1,2-Dichloropropane	ND		570	µg/Kg-dry	1000	4/25/2011 08:29 AM
1,3,5-Trimethylbenzene	**51,000**		**1,100**	**µg/Kg-dry**	1000	4/25/2011 08:29 AM
1,3-Dichlorobenzene	ND		570	µg/Kg-dry	1000	4/25/2011 08:29 AM
1,3-Dichloropropane	ND		570	µg/Kg-dry	1000	4/25/2011 08:29 AM
1,4-Dichlorobenzene	ND		570	µg/Kg-dry	1000	4/25/2011 08:29 AM
2,2-Dichloropropane	ND	UJ	570	µg/Kg-dry	1000	4/25/2011 08:29 AM
2-Butanone	ND		8,600	µg/Kg-dry	1000	4/25/2011 08:29 AM
2-Chlorotoluene	ND		570	µg/Kg-dry	1000	4/25/2011 08:29 AM

KA 5/2/11

KA 5/2/11

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-S-VS-36
Collection Date: 4/21/2011 12:20 PM

Work Order: 1104569
Lab ID: 1104569-04
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Hexanone	ND		5,700	µg/Kg-dry	1000	4/25/2011 08:29 AM
2-Methylnaphthalene	**32,000**		**3,400**	**µg/Kg-dry**	1000	4/25/2011 08:29 AM
4-Chlorotoluene	ND		2,300	µg/Kg-dry	1000	4/25/2011 08:29 AM
4-Methyl-2-pentanone	ND		5,700	µg/Kg-dry	1000	4/25/2011 08:29 AM
Acetone	ND	UJ	5,100	µg/Kg-dry	1000	4/25/2011 08:29 AM
Acrylonitrile	ND		1,100	µg/Kg-dry	1000	4/25/2011 08:29 AM
Benzene	ND		570	µg/Kg-dry	1000	4/25/2011 08:29 AM
Bromobenzene	ND		1,700	µg/Kg-dry	1000	4/25/2011 08:29 AM
Bromochloromethane	ND		1,700	µg/Kg-dry	1000	4/25/2011 08:29 AM
Bromodichloromethane	ND		1,700	µg/Kg-dry	1000	4/25/2011 08:29 AM
Bromoform	ND		1,100	µg/Kg-dry	1000	4/25/2011 08:29 AM
Carbon disulfide	ND		1,700	µg/Kg-dry	1000	4/25/2011 08:29 AM
Carbon tetrachloride	ND		1,100	µg/Kg-dry	1000	4/25/2011 08:29 AM
Chlorobenzene	ND		1,700	µg/Kg-dry	1000	4/25/2011 08:29 AM
Chloroethane	ND		3,400	µg/Kg-dry	1000	4/25/2011 08:29 AM
Chloroform	ND		1,100	µg/Kg-dry	1000	4/25/2011 08:29 AM
Chloromethane	ND		3,400	µg/Kg-dry	1000	4/25/2011 08:29 AM
cis-1,2-Dichloroethene	**5,600**		**2,300**	**µg/Kg-dry**	1000	4/25/2011 08:29 AM
cis-1,3-Dichloropropene	ND		1,100	µg/Kg-dry	1000	4/25/2011 08:29 AM
Dibromochloromethane	ND		2,300	µg/Kg-dry	1000	4/25/2011 08:29 AM
Dibromomethane	ND		2,300	µg/Kg-dry	1000	4/25/2011 08:29 AM
Dichlorodifluoromethane	ND		1,100	µg/Kg-dry	1000	4/25/2011 08:29 AM
Diethyl ether	ND		1,100	µg/Kg-dry	1000	4/25/2011 08:29 AM
Diisopropyl ether	ND		5,700	µg/Kg-dry	1000	4/25/2011 08:29 AM
Ethyl tert butyl ether	ND		1,100	µg/Kg-dry	1000	4/25/2011 08:29 AM
Ethylbenzene	**54,000**		**2,300**	**µg/Kg-dry**	1000	4/25/2011 08:29 AM
Heptane	**9,300**		**1,100**	**µg/Kg-dry**	1000	4/25/2011 08:29 AM
Hexachlorobutadiene	ND		1,100	µg/Kg-dry	1000	4/25/2011 08:29 AM
Hexachloroethane	ND		1,100	µg/Kg-dry	1000	4/25/2011 08:29 AM
Hexane	**82,000**		**3,400**	**µg/Kg-dry**	1000	4/25/2011 08:29 AM
Iodomethane	ND		2,900	µg/Kg-dry	1000	4/25/2011 08:29 AM
Isopropylbenzene	**12,000**		**1,100**	**µg/Kg-dry**	1000	4/25/2011 08:29 AM
m,p-Xylene	**220,000**		**2,300**	**µg/Kg-dry**	1000	4/25/2011 08:29 AM
Methyl tert-butyl ether	ND		1,700	µg/Kg-dry	1000	4/25/2011 08:29 AM
Methylene chloride	ND		1,100	µg/Kg-dry	1000	4/25/2011 08:29 AM
n-Butylbenzene	**25,000**		**570**	**µg/Kg-dry**	1000	4/25/2011 08:29 AM
n-Propylbenzene	**29,000**		**2,300**	**µg/Kg-dry**	1000	4/25/2011 08:29 AM
Naphthalene	**46,000**		**2,300**	**µg/Kg-dry**	1000	4/25/2011 08:29 AM
o-Xylene	**110,000**		**1,100**	**µg/Kg-dry**	1000	4/25/2011 08:29 AM
p-Isopropyltoluene	**210,000**		**5,700**	**µg/Kg-dry**	5000	4/25/2011 02:24 PM

KH 5/2/11

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-S-VS-36
Collection Date: 4/21/2011 12:20 PM

Work Order: 1104569
Lab ID: 1104569-04
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
sec-Butylbenzene	**3,300**		**1,100**	**µg/Kg-dry**	1000	4/25/2011 08:29 AM
Styrene	ND		1,700	µg/Kg-dry	1000	4/25/2011 08:29 AM
tert-Amyl methyl ether	ND		1,100	µg/Kg-dry	1000	4/25/2011 08:29 AM
tert-Butyl alcohol	ND		5,700	µg/Kg-dry	1000	4/25/2011 08:29 AM
tert-Butylbenzene	ND		1,700	µg/Kg-dry	1000	4/25/2011 08:29 AM
Tetrachloroethene	ND		570	µg/Kg-dry	1000	4/25/2011 08:29 AM
Tetrahydrofuran	ND		1,700	µg/Kg-dry	1000	4/25/2011 08:29 AM
Toluene	**200,000**		**8,600**	**µg/Kg-dry**	5000	4/25/2011 02:24 PM
trans-1,2-Dichloroethene	ND		1,100	µg/Kg-dry	1000	4/25/2011 08:29 AM
trans-1,3-Dichloropropene	ND		1,700	µg/Kg-dry	1000	4/25/2011 08:29 AM
trans-1,4-Dichloro-2-butene	ND	UJ	4,000	µg/Kg-dry	1000	4/25/2011 08:29 AM
Trichloroethene	ND		570	µg/Kg-dry	1000	4/25/2011 08:29 AM
Trichlorofluoromethane	ND		1,100	µg/Kg-dry	1000	4/25/2011 08:29 AM
Vinyl acetate	ND		17,000	µg/Kg-dry	1000	4/25/2011 08:29 AM
Vinyl chloride	ND		460	µg/Kg-dry	1000	4/25/2011 08:29 AM
1,2-Dichloroethene, Total	**5,600**		**2,900**	**µg/Kg-dry**	1000	4/25/2011 08:29 AM
1,3-Dichloropropene, Total	ND		1,100	µg/Kg-dry	1000	4/25/2011 08:29 AM
Xylenes, Total	**330,000**		**3,400**	**µg/Kg-dry**	1000	4/25/2011 08:29 AM
Surr: 1,2-Dichloroethane-d4	*103*		*70-120*	*%REC*	1000	4/25/2011 08:29 AM
Surr: 1,2-Dichloroethane-d4	*98.9*		*70-120*	*%REC*	5000	4/25/2011 02:24 PM
Surr: 4-Bromofluorobenzene	*102*		*75-120*	*%REC*	1000	4/25/2011 08:29 AM
Surr: 4-Bromofluorobenzene	*102*		*75-120*	*%REC*	5000	4/25/2011 02:24 PM
Surr: Dibromofluoromethane	*101*		*85-115*	*%REC*	1000	4/25/2011 08:29 AM
Surr: Dibromofluoromethane	*101*		*85-115*	*%REC*	5000	4/25/2011 02:24 PM
Surr: Toluene-d8	*99.2*		*85-115*	*%REC*	5000	4/25/2011 02:24 PM
Surr: Toluene-d8	*99.6*		*85-115*	*%REC*	1000	4/25/2011 08:29 AM
MOISTURE			**A2540 G**			Analyst: **JJG**
Moisture	**12**		**0.050**	**% of sample**	1	4/22/2011 12:13 PM

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Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-FD-VS-36
Collection Date: 4/21/2011 12:25 PM

Work Order: 1104569
Lab ID: 1104569-05
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS			**SW8082**		Prep Date: **4/22/2011**	Analyst: **JD**
Aroclor 1016	ND		45	µg/Kg-dry	1	4/22/2011 06:34 PM
Aroclor 1221	ND		45	µg/Kg-dry	1	4/22/2011 06:34 PM
Aroclor 1232	ND		45	µg/Kg-dry	1	4/22/2011 06:34 PM
Aroclor 1242	ND		45	µg/Kg-dry	1	4/22/2011 06:34 PM
Aroclor 1248	ND		45	µg/Kg-dry	1	4/22/2011 06:34 PM
Aroclor 1254	ND		45	µg/Kg-dry	1	4/22/2011 06:34 PM
Aroclor 1260	ND		45	µg/Kg-dry	1	4/22/2011 06:34 PM
Aroclor 1262	ND		45	µg/Kg-dry	1	4/22/2011 06:34 PM
Aroclor 1268	ND		45	µg/Kg-dry	1	4/22/2011 06:34 PM
Surr: Decachlorobiphenyl	*72.1*		*40-140*	*%REC*	1	4/22/2011 06:34 PM
METALS BY ICP-MS			**SW6020A**		Prep Date: **4/24/2011**	Analyst: **CES**
Arsenic	**0.77**	J	**0.20**	**mg/Kg-dry**	1	4/25/2011 03:07 PM
Lead	**1.9**	J	**0.020**	**mg/Kg-dry**	1	4/25/2011 03:07 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **BG**
1,1,1,2-Tetrachloroethane	ND		1,700	µg/Kg-dry	1000	4/25/2011 08:55 AM
1,1,1-Trichloroethane	**36,000**		**1,100**	**µg/Kg-dry**	1000	4/25/2011 08:55 AM
1,1,2,2-Tetrachloroethane	ND		1,100	µg/Kg-dry	1000	4/25/2011 08:55 AM
1,1,2-Trichloroethane	ND		570	µg/Kg-dry	1000	4/25/2011 08:55 AM
1,1,2-Trichlorotrifluoroethane	ND		1,100	µg/Kg-dry	1000	4/25/2011 08:55 AM
1,1-Dichloroethane	ND		1,100	µg/Kg-dry	1000	4/25/2011 08:55 AM
1,1-Dichloroethene	**1,500**		**570**	**µg/Kg-dry**	1000	4/25/2011 08:55 AM
1,1-Dichloropropene	ND		1,100	µg/Kg-dry	1000	4/25/2011 08:55 AM
1,2,3-Trichlorobenzene	ND		2,300	µg/Kg-dry	1000	4/25/2011 08:55 AM
1,2,3-Trichloropropane	ND		2,300	µg/Kg-dry	1000	4/25/2011 08:55 AM
1,2,4-Trichlorobenzene	ND		1,100	µg/Kg-dry	1000	4/25/2011 08:55 AM
1,2,4-Trimethylbenzene	**190,000**		**5,700**	**µg/Kg-dry**	5000	4/25/2011 02:50 PM
1,2-Dibromo-3-chloropropane	ND		1,100	µg/Kg-dry	1000	4/25/2011 08:55 AM
1,2-Dibromoethane	ND		1,700	µg/Kg-dry	1000	4/25/2011 08:55 AM
1,2-Dichlorobenzene	ND		1,100	µg/Kg-dry	1000	4/25/2011 08:55 AM
1,2-Dichloroethane	ND		570	µg/Kg-dry	1000	4/25/2011 08:55 AM
1,2-Dichloropropane	ND		570	µg/Kg-dry	1000	4/25/2011 08:55 AM
1,3,5-Trimethylbenzene	**64,000**		**1,100**	**µg/Kg-dry**	1000	4/25/2011 08:55 AM
1,3-Dichlorobenzene	ND		570	µg/Kg-dry	1000	4/25/2011 08:55 AM
1,3-Dichloropropane	ND		570	µg/Kg-dry	1000	4/25/2011 08:55 AM
1,4-Dichlorobenzene	ND		570	µg/Kg-dry	1000	4/25/2011 08:55 AM
2,2-Dichloropropane	ND	UJ	570	µg/Kg-dry	1000	4/25/2011 08:55 AM
2-Butanone	ND		8,600	µg/Kg-dry	1000	4/25/2011 08:55 AM
2-Chlorotoluene	ND		570	µg/Kg-dry	1000	4/25/2011 08:55 AM

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Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-FD-VS-36
Collection Date: 4/21/2011 12:25 PM

Work Order: 1104569
Lab ID: 1104569-05
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Hexanone	ND		5,700	µg/Kg-dry	1000	4/25/2011 08:55 AM
2-Methylnaphthalene	**33,000**		**3,400**	**µg/Kg-dry**	1000	4/25/2011 08:55 AM
4-Chlorotoluene	ND		2,300	µg/Kg-dry	1000	4/25/2011 08:55 AM
4-Methyl-2-pentanone	ND		5,700	µg/Kg-dry	1000	4/25/2011 08:55 AM
Acetone	ND	UJ	5,100	µg/Kg-dry	1000	4/25/2011 08:55 AM
Acrylonitrile	ND		1,100	µg/Kg-dry	1000	4/25/2011 08:55 AM
Benzene	ND		570	µg/Kg-dry	1000	4/25/2011 08:55 AM
Bromobenzene	ND		1,700	µg/Kg-dry	1000	4/25/2011 08:55 AM
Bromochloromethane	ND		1,700	µg/Kg-dry	1000	4/25/2011 08:55 AM
Bromodichloromethane	ND		1,700	µg/Kg-dry	1000	4/25/2011 08:55 AM
Bromoform	ND		1,100	µg/Kg-dry	1000	4/25/2011 08:55 AM
Carbon disulfide	ND		1,700	µg/Kg-dry	1000	4/25/2011 08:55 AM
Carbon tetrachloride	ND		1,100	µg/Kg-dry	1000	4/25/2011 08:55 AM
Chlorobenzene	ND		1,700	µg/Kg-dry	1000	4/25/2011 08:55 AM
Chloroethane	ND		3,400	µg/Kg-dry	1000	4/25/2011 08:55 AM
Chloroform	ND		1,100	µg/Kg-dry	1000	4/25/2011 08:55 AM
Chloromethane	ND		3,400	µg/Kg-dry	1000	4/25/2011 08:55 AM
cis-1,2-Dichloroethene	**8,600**		**2,300**	**µg/Kg-dry**	1000	4/25/2011 08:55 AM
cis-1,3-Dichloropropene	ND		1,100	µg/Kg-dry	1000	4/25/2011 08:55 AM
Dibromochloromethane	ND		2,300	µg/Kg-dry	1000	4/25/2011 08:55 AM
Dibromomethane	ND		2,300	µg/Kg-dry	1000	4/25/2011 08:55 AM
Dichlorodifluoromethane	ND		1,100	µg/Kg-dry	1000	4/25/2011 08:55 AM
Diethyl ether	ND		1,100	µg/Kg-dry	1000	4/25/2011 08:55 AM
Diisopropyl ether	ND		5,700	µg/Kg-dry	1000	4/25/2011 08:55 AM
Ethyl tert butyl ether	ND		1,100	µg/Kg-dry	1000	4/25/2011 08:55 AM
Ethylbenzene	**71,000**		**2,300**	**µg/Kg-dry**	1000	4/25/2011 08:55 AM
Heptane	**12,000**		**1,100**	**µg/Kg-dry**	1000	4/25/2011 08:55 AM
Hexachlorobutadiene	ND		1,100	µg/Kg-dry	1000	4/25/2011 08:55 AM
Hexachloroethane	ND		1,100	µg/Kg-dry	1000	4/25/2011 08:55 AM
Hexane	**110,000**		**3,400**	**µg/Kg-dry**	1000	4/25/2011 08:55 AM
Iodomethane	ND		2,900	µg/Kg-dry	1000	4/25/2011 08:55 AM
Isopropylbenzene	**16,000**		**1,100**	**µg/Kg-dry**	1000	4/25/2011 08:55 AM
m,p-Xylene	**320,000**		**11,000**	**µg/Kg-dry**	5000	4/25/2011 02:50 PM
Methyl tert-butyl ether	ND		1,700	µg/Kg-dry	1000	4/25/2011 08:55 AM
Methylene chloride	ND		1,100	µg/Kg-dry	1000	4/25/2011 08:55 AM
n-Butylbenzene	**31,000**		**570**	**µg/Kg-dry**	1000	4/25/2011 08:55 AM
n-Propylbenzene	**36,000**		**2,300**	**µg/Kg-dry**	1000	4/25/2011 08:55 AM
Naphthalene	**58,000**		**2,300**	**µg/Kg-dry**	1000	4/25/2011 08:55 AM
o-Xylene	**160,000**		**5,700**	**µg/Kg-dry**	5000	4/25/2011 02:50 PM
p-Isopropyltoluene	**290,000**		**5,700**	**µg/Kg-dry**	5000	4/25/2011 02:50 PM

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Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-FD-VS-36
Collection Date: 4/21/2011 12:25 PM

Work Order: 1104569
Lab ID: 1104569-05
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
sec-Butylbenzene	**4,100**		**1,100**	**µg/Kg-dry**	1000	4/25/2011 08:55 AM
Styrene	ND		1,700	µg/Kg-dry	1000	4/25/2011 08:55 AM
tert-Amyl methyl ether	ND		1,100	µg/Kg-dry	1000	4/25/2011 08:55 AM
tert-Butyl alcohol	ND		5,700	µg/Kg-dry	1000	4/25/2011 08:55 AM
tert-Butylbenzene	ND		1,700	µg/Kg-dry	1000	4/25/2011 08:55 AM
Tetrachloroethene	ND		570	µg/Kg-dry	1000	4/25/2011 08:55 AM
Tetrahydrofuran	ND		1,700	µg/Kg-dry	1000	4/25/2011 08:55 AM
Toluene	**330,000**		**8,600**	**µg/Kg-dry**	5000	4/25/2011 02:50 PM
trans-1,2-Dichloroethene	ND		1,100	µg/Kg-dry	1000	4/25/2011 08:55 AM
trans-1,3-Dichloropropene	ND		1,700	µg/Kg-dry	1000	4/25/2011 08:55 AM
trans-1,4-Dichloro-2-butene	ND	UJ	4,000	µg/Kg-dry	1000	4/25/2011 08:55 AM
Trichloroethene	ND		570	µg/Kg-dry	1000	4/25/2011 08:55 AM
Trichlorofluoromethane	ND		1,100	µg/Kg-dry	1000	4/25/2011 08:55 AM
Vinyl acetate	ND		17,000	µg/Kg-dry	1000	4/25/2011 08:55 AM
Vinyl chloride	ND		460	µg/Kg-dry	1000	4/25/2011 08:55 AM
1,2-Dichloroethene, Total	**8,600**		**2,900**	**µg/Kg-dry**	1000	4/25/2011 08:55 AM
1,3-Dichloropropene, Total	ND		1,100	µg/Kg-dry	1000	4/25/2011 08:55 AM
Xylenes, Total	**470,000**		**17,000**	**µg/Kg-dry**	5000	4/25/2011 02:50 PM
Surr: 1,2-Dichloroethane-d4	*101*		*70-120*	*%REC*	1000	4/25/2011 08:55 AM
Surr: 1,2-Dichloroethane-d4	*98.6*		*70-120*	*%REC*	5000	4/25/2011 02:50 PM
Surr: 4-Bromofluorobenzene	*105*		*75-120*	*%REC*	1000	4/25/2011 08:55 AM
Surr: 4-Bromofluorobenzene	*102*		*75-120*	*%REC*	5000	4/25/2011 02:50 PM
Surr: Dibromofluoromethane	*99.4*		*85-115*	*%REC*	1000	4/25/2011 08:55 AM
Surr: Dibromofluoromethane	*101*		*85-115*	*%REC*	5000	4/25/2011 02:50 PM
Surr: Toluene-d8	*98.0*		*85-115*	*%REC*	5000	4/25/2011 02:50 PM
Surr: Toluene-d8	*99.8*		*85-115*	*%REC*	1000	4/25/2011 08:55 AM
MOISTURE			**A2540 G**			Analyst: **JJG**
Moisture	**13**		**0.050**	**% of sample**	1	4/22/2011 12:13 PM

KH 5/2/11

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-S-BD-1
Collection Date: 4/21/2011 01:30 PM

Work Order: 1104569
Lab ID: 1104569-06
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS			**SW8082**		Prep Date: **4/26/2011**	Analyst: **JD**
Aroclor 1016	ND		45	µg/Kg-dry	1	4/26/2011 12:59 PM
Aroclor 1221	ND		45	µg/Kg-dry	1	4/26/2011 12:59 PM
Aroclor 1232	ND		45	µg/Kg-dry	1	4/26/2011 12:59 PM
Aroclor 1242	ND		45	µg/Kg-dry	1	4/26/2011 12:59 PM
Aroclor 1248	ND		45	µg/Kg-dry	1	4/26/2011 12:59 PM
Aroclor 1254	**49**		**45**	**µg/Kg-dry**	1	4/26/2011 12:59 PM
Aroclor 1260	ND		45	µg/Kg-dry	1	4/26/2011 12:59 PM
Aroclor 1262	ND		45	µg/Kg-dry	1	4/26/2011 12:59 PM
Aroclor 1268	ND		45	µg/Kg-dry	1	4/26/2011 12:59 PM
Surr: Decachlorobiphenyl	*71.1*		*40-140*	*%REC*	1	4/26/2011 12:59 PM
METALS BY ICP-MS			**SW6020A**		Prep Date: **4/26/2011**	Analyst: **RH**
Arsenic	**5.3**	J	**0.23**	**mg/Kg-dry**	1	4/26/2011 01:36 PM KA 5/2/11
Lead	**130**	J	**0.023**	**mg/Kg-dry**	1	4/26/2011 01:36 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **AK**
1,1,1,2-Tetrachloroethane	ND		180	µg/Kg-dry	100	4/27/2011 05:57 AM
1,1,1-Trichloroethane	**9,600**		**120**	**µg/Kg-dry**	100	4/27/2011 05:57 AM
1,1,2,2-Tetrachloroethane	ND		120	µg/Kg-dry	100	4/27/2011 05:57 AM
1,1,2-Trichloroethane	ND		59	µg/Kg-dry	100	4/27/2011 05:57 AM
1,1,2-Trichlorotrifluoroethane	ND		120	µg/Kg-dry	100	4/27/2011 05:57 AM
1,1-Dichloroethane	**3,300**		**120**	**µg/Kg-dry**	100	4/27/2011 05:57 AM
1,1-Dichloroethene	ND		59	µg/Kg-dry	100	4/27/2011 05:57 AM
1,1-Dichloropropene	ND		120	µg/Kg-dry	100	4/27/2011 05:57 AM
1,2,3-Trichlorobenzene	ND		240	µg/Kg-dry	100	4/27/2011 05:57 AM
1,2,3-Trichloropropane	ND		240	µg/Kg-dry	100	4/27/2011 05:57 AM
1,2,4-Trichlorobenzene	ND		120	µg/Kg-dry	100	4/27/2011 05:57 AM
1,2,4-Trimethylbenzene	**1,500**		**120**	**µg/Kg-dry**	100	4/27/2011 05:57 AM
1,2-Dibromo-3-chloropropane	ND		120	µg/Kg-dry	100	4/27/2011 05:57 AM
1,2-Dibromoethane	ND		180	µg/Kg-dry	100	4/27/2011 05:57 AM
1,2-Dichlorobenzene	ND		120	µg/Kg-dry	100	4/27/2011 05:57 AM
1,2-Dichloroethane	ND		59	µg/Kg-dry	100	4/27/2011 05:57 AM
1,2-Dichloropropane	ND		59	µg/Kg-dry	100	4/27/2011 05:57 AM
1,3,5-Trimethylbenzene	**1,100**		**120**	**µg/Kg-dry**	100	4/27/2011 05:57 AM
1,3-Dichlorobenzene	ND		59	µg/Kg-dry	100	4/27/2011 05:57 AM
1,3-Dichloropropane	ND		59	µg/Kg-dry	100	4/27/2011 05:57 AM KA 5/2/11
1,4-Dichlorobenzene	ND		59	µg/Kg-dry	100	4/27/2011 05:57 AM
2,2-Dichloropropane	ND	UJ	59	µg/Kg-dry	100	4/27/2011 05:57 AM
2-Butanone	ND		890	µg/Kg-dry	100	4/27/2011 11:53 AM
2-Chlorotoluene	ND		59	µg/Kg-dry	100	4/27/2011 05:57 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-S-BD-1
Collection Date: 4/21/2011 01:30 PM

Work Order: 1104569
Lab ID: 1104569-06
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Hexanone	ND		590	µg/Kg-dry	100	4/27/2011 05:57 AM
2-Methylnaphthalene	**2,800**		**360**	**µg/Kg-dry**	100	4/27/2011 05:57 AM
4-Chlorotoluene	ND		240	µg/Kg-dry	100	4/27/2011 05:57 AM
4-Methyl-2-pentanone	ND		590	µg/Kg-dry	100	4/27/2011 05:57 AM
Acetone	ND		530	µg/Kg-dry	100	4/27/2011 11:53 AM
Acrylonitrile	ND		120	µg/Kg-dry	100	4/27/2011 05:57 AM
Benzene	**150**		**59**	**µg/Kg-dry**	100	4/27/2011 05:57 AM
Bromobenzene	ND		180	µg/Kg-dry	100	4/27/2011 05:57 AM
Bromochloromethane	ND		180	µg/Kg-dry	100	4/27/2011 05:57 AM
Bromodichloromethane	ND		180	µg/Kg-dry	100	4/27/2011 05:57 AM
Bromoform	ND		120	µg/Kg-dry	100	4/27/2011 05:57 AM
Carbon disulfide	ND		180	µg/Kg-dry	100	4/27/2011 05:57 AM
Carbon tetrachloride	ND		120	µg/Kg-dry	100	4/27/2011 05:57 AM
Chlorobenzene	ND		180	µg/Kg-dry	100	4/27/2011 05:57 AM
Chloroethane	ND		360	µg/Kg-dry	100	4/27/2011 05:57 AM
Chloroform	ND		120	µg/Kg-dry	100	4/27/2011 05:57 AM
Chloromethane	ND		360	µg/Kg-dry	100	4/27/2011 05:57 AM
cis-1,2-Dichloroethene	**45,000**		**2,400**	**µg/Kg-dry**	1000	4/27/2011 08:30 AM
cis-1,3-Dichloropropene	ND		120	µg/Kg-dry	100	4/27/2011 05:57 AM
Dibromochloromethane	ND		240	µg/Kg-dry	100	4/27/2011 05:57 AM
Dibromomethane	ND		240	µg/Kg-dry	100	4/27/2011 05:57 AM
Dichlorodifluoromethane	ND		120	µg/Kg-dry	100	4/27/2011 05:57 AM
Diethyl ether	ND		120	µg/Kg-dry	100	4/27/2011 05:57 AM
Diisopropyl ether	ND		590	µg/Kg-dry	100	4/27/2011 05:57 AM
Ethyl tert butyl ether	ND		120	µg/Kg-dry	100	4/27/2011 05:57 AM
Ethylbenzene	**490**		**240**	**µg/Kg-dry**	100	4/27/2011 05:57 AM
Heptane	ND		120	µg/Kg-dry	100	4/27/2011 05:57 AM
Hexachlorobutadiene	ND		120	µg/Kg-dry	100	4/27/2011 05:57 AM
Hexachloroethane	ND	UJ	120	µg/Kg-dry	100	4/27/2011 05:57 AM
Hexane	**480**		**360**	**µg/Kg-dry**	100	4/27/2011 05:57 AM
Iodomethane	ND		300	µg/Kg-dry	100	4/27/2011 05:57 AM
Isopropylbenzene	ND		120	µg/Kg-dry	100	4/27/2011 05:57 AM
m,p-Xylene	**2,800**		**240**	**µg/Kg-dry**	100	4/27/2011 05:57 AM
Methyl tert-butyl ether	ND		180	µg/Kg-dry	100	4/27/2011 05:57 AM
Methylene chloride	**160**		**120**	**µg/Kg-dry**	100	4/27/2011 05:57 AM
n-Butylbenzene	ND	UJ	59	µg/Kg-dry	100	4/27/2011 05:57 AM
n-Propylbenzene	**270**		**240**	**µg/Kg-dry**	100	4/27/2011 05:57 AM
Naphthalene	**1,900**		**240**	**µg/Kg-dry**	100	4/27/2011 05:57 AM
o-Xylene	**1,700**		**120**	**µg/Kg-dry**	100	4/27/2011 05:57 AM
p-Isopropyltoluene	**560**	J	**120**	**µg/Kg-dry**	100	4/27/2011 05:57 AM

KH 5/2/11

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-S-BD-1
Collection Date: 4/21/2011 01:30 PM

Work Order: 1104569
Lab ID: 1104569-06
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
sec-Butylbenzene	ND	UJ	120	µg/Kg-dry	100	4/27/2011 05:57 AM
Styrene	ND		180	µg/Kg-dry	100	4/27/2011 05:57 AM
tert-Amyl methyl ether	ND		120	µg/Kg-dry	100	4/27/2011 05:57 AM
tert-Butyl alcohol	ND		590	µg/Kg-dry	100	4/27/2011 05:57 AM
tert-Butylbenzene	ND	UJ	180	µg/Kg-dry	100	4/27/2011 05:57 AM
Tetrachloroethene	**3,900**		**59**	**µg/Kg-dry**	100	4/27/2011 05:57 AM
Tetrahydrofuran	ND		180	µg/Kg-dry	100	4/27/2011 11:53 AM
Toluene	**3,000**		**180**	**µg/Kg-dry**	100	4/27/2011 05:57 AM
trans-1,2-Dichloroethene	**350**		**120**	**µg/Kg-dry**	100	4/27/2011 05:57 AM
trans-1,3-Dichloropropene	ND		180	µg/Kg-dry	100	4/27/2011 05:57 AM
trans-1,4-Dichloro-2-butene	ND		420	µg/Kg-dry	100	4/27/2011 05:57 AM
Trichloroethene	**22,000**		**590**	**µg/Kg-dry**	1000	4/27/2011 08:30 AM
Trichlorofluoromethane	ND		120	µg/Kg-dry	100	4/27/2011 05:57 AM
Vinyl acetate	ND		1,800	µg/Kg-dry	100	4/27/2011 05:57 AM
Vinyl chloride	ND		47	µg/Kg-dry	100	4/27/2011 05:57 AM
1,2-Dichloroethene, Total	**45,000**		**3,000**	**µg/Kg-dry**	1000	4/27/2011 08:30 AM
1,3-Dichloropropene, Total	ND		120	µg/Kg-dry	100	4/27/2011 05:57 AM
Xylenes, Total	**4,500**		**360**	**µg/Kg-dry**	100	4/27/2011 05:57 AM
Surr: 1,2-Dichloroethane-d4	*100*		*70-120*	*%REC*	100	4/27/2011 05:57 AM
Surr: 1,2-Dichloroethane-d4	*97.4*		*70-120*	*%REC*	1000	4/27/2011 08:30 AM
Surr: 1,2-Dichloroethane-d4	*103*		*70-120*	*%REC*	100	4/27/2011 11:53 AM
Surr: 4-Bromofluorobenzene	*106*		*75-120*	*%REC*	100	4/27/2011 11:53 AM
Surr: 4-Bromofluorobenzene	*102*		*75-120*	*%REC*	100	4/27/2011 05:57 AM
Surr: 4-Bromofluorobenzene	*98.3*		*75-120*	*%REC*	1000	4/27/2011 08:30 AM
Surr: Dibromofluoromethane	*104*		*85-115*	*%REC*	100	4/27/2011 11:53 AM
Surr: Dibromofluoromethane	*103*		*85-115*	*%REC*	100	4/27/2011 05:57 AM
Surr: Dibromofluoromethane	*99.7*		*85-115*	*%REC*	1000	4/27/2011 08:30 AM
Surr: Toluene-d8	*100*		*85-115*	*%REC*	1000	4/27/2011 08:30 AM
Surr: Toluene-d8	*93.6*		*85-115*	*%REC*	100	4/27/2011 11:53 AM
Surr: Toluene-d8	*96.7*		*85-115*	*%REC*	100	4/27/2011 05:57 AM
MOISTURE			**A2540 G**			Analyst: **JJG**
Moisture	**16**		**0.050**	**% of sample**	1	4/22/2011 12:13 PM

KAA 5/2/11

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-S-VS-38
Collection Date: 4/21/2011 12:35 PM

Work Order: 1104569
Lab ID: 1104569-07
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
METALS BY ICP-MS			**SW6020A**		Prep Date: **4/24/2011**	Analyst: **CES**
Arsenic	**2.9**	J	**0.19**	**mg/Kg-dry**	1	4/25/2011 03:13 PM
MOISTURE			**A2540 G**			Analyst: **JJG**
Moisture	**18**		**0.050**	**% of sample**	1	4/22/2011 12:13 PM

RH 5/10/11

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-MB-04
Collection Date: 4/21/2011

Work Order: 1104569
Lab ID: 1104569-08
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **BG**
1,1,1,2-Tetrachloroethane	ND		150	µg/Kg	100	4/25/2011 06:21 AM
1,1,1-Trichloroethane	ND		100	µg/Kg	100	4/25/2011 06:21 AM
1,1,2,2-Tetrachloroethane	ND		100	µg/Kg	100	4/25/2011 06:21 AM
1,1,2-Trichloroethane	ND		50	µg/Kg	100	4/25/2011 06:21 AM
1,1,2-Trichlorotrifluoroethane	ND		100	µg/Kg	100	4/25/2011 06:21 AM
1,1-Dichloroethane	ND		100	µg/Kg	100	4/25/2011 06:21 AM
1,1-Dichloroethene	ND		50	µg/Kg	100	4/25/2011 06:21 AM
1,1-Dichloropropene	ND		100	µg/Kg	100	4/25/2011 06:21 AM
1,2,3-Trichlorobenzene	ND		200	µg/Kg	100	4/25/2011 06:21 AM
1,2,3-Trichloropropane	ND		200	µg/Kg	100	4/25/2011 06:21 AM
1,2,4-Trichlorobenzene	ND		100	µg/Kg	100	4/25/2011 06:21 AM
1,2,4-Trimethylbenzene	ND		100	µg/Kg	100	4/25/2011 06:21 AM
1,2-Dibromo-3-chloropropane	ND		100	µg/Kg	100	4/25/2011 06:21 AM
1,2-Dibromoethane	ND		150	µg/Kg	100	4/25/2011 06:21 AM
1,2-Dichlorobenzene	ND		100	µg/Kg	100	4/25/2011 06:21 AM
1,2-Dichloroethane	ND		50	µg/Kg	100	4/25/2011 06:21 AM
1,2-Dichloropropane	ND		50	µg/Kg	100	4/25/2011 06:21 AM
1,3,5-Trimethylbenzene	ND		100	µg/Kg	100	4/25/2011 06:21 AM
1,3-Dichlorobenzene	ND		50	µg/Kg	100	4/25/2011 06:21 AM
1,3-Dichloropropane	ND		50	µg/Kg	100	4/25/2011 06:21 AM
1,4-Dichlorobenzene	ND		50	µg/Kg	100	4/25/2011 06:21 AM
2,2-Dichloropropane	ND	UJ	50	µg/Kg	100	4/25/2011 06:21 AM
2-Butanone	ND		750	µg/Kg	100	4/25/2011 06:21 AM
2-Chlorotoluene	ND		50	µg/Kg	100	4/25/2011 06:21 AM
2-Hexanone	ND		500	µg/Kg	100	4/25/2011 06:21 AM
2-Methylnaphthalene	ND		300	µg/Kg	100	4/25/2011 06:21 AM
4-Chlorotoluene	ND		200	µg/Kg	100	4/25/2011 06:21 AM
4-Methyl-2-pentanone	ND		500	µg/Kg	100	4/25/2011 06:21 AM
Acetone	ND	UJ	450	µg/Kg	100	4/25/2011 06:21 AM
Acrylonitrile	ND		100	µg/Kg	100	4/25/2011 06:21 AM
Benzene	ND		50	µg/Kg	100	4/25/2011 06:21 AM
Bromobenzene	ND		150	µg/Kg	100	4/25/2011 06:21 AM
Bromochloromethane	ND		150	µg/Kg	100	4/25/2011 06:21 AM
Bromodichloromethane	ND		150	µg/Kg	100	4/25/2011 06:21 AM
Bromoform	ND		100	µg/Kg	100	4/25/2011 06:21 AM
Carbon disulfide	ND		150	µg/Kg	100	4/25/2011 06:21 AM
Carbon tetrachloride	ND		100	µg/Kg	100	4/25/2011 06:21 AM
Chlorobenzene	ND		150	µg/Kg	100	4/25/2011 06:21 AM
Chloroethane	ND		300	µg/Kg	100	4/25/2011 06:21 AM

KA 5/2/11

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-MB-04
Collection Date: 4/21/2011

Work Order: 1104569
Lab ID: 1104569-08
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Chloroform	ND		100	µg/Kg	100	4/25/2011 06:21 AM
Chloromethane	ND		300	µg/Kg	100	4/25/2011 06:21 AM
cis-1,2-Dichloroethene	ND		200	µg/Kg	100	4/25/2011 06:21 AM
cis-1,3-Dichloropropene	ND		100	µg/Kg	100	4/25/2011 06:21 AM
Dibromochloromethane	ND		200	µg/Kg	100	4/25/2011 06:21 AM
Dibromomethane	ND		200	µg/Kg	100	4/25/2011 06:21 AM
Dichlorodifluoromethane	ND		100	µg/Kg	100	4/25/2011 06:21 AM
Diethyl ether	ND		100	µg/Kg	100	4/25/2011 06:21 AM
Diisopropyl ether	ND		500	µg/Kg	100	4/25/2011 06:21 AM
Ethyl tert butyl ether	ND		100	µg/Kg	100	4/25/2011 06:21 AM
Ethylbenzene	ND		200	µg/Kg	100	4/25/2011 06:21 AM
Heptane	ND		100	µg/Kg	100	4/25/2011 06:21 AM
Hexachlorobutadiene	ND		100	µg/Kg	100	4/25/2011 06:21 AM
Hexachloroethane	ND		100	µg/Kg	100	4/25/2011 06:21 AM
Hexane	ND		300	µg/Kg	100	4/25/2011 06:21 AM
Iodomethane	ND		250	µg/Kg	100	4/25/2011 06:21 AM
Isopropylbenzene	ND		100	µg/Kg	100	4/25/2011 06:21 AM
m,p-Xylene	ND		200	µg/Kg	100	4/25/2011 06:21 AM
Methyl tert-butyl ether	ND		150	µg/Kg	100	4/25/2011 06:21 AM
Methylene chloride	ND		100	µg/Kg	100	4/25/2011 06:21 AM
n-Butylbenzene	ND		50	µg/Kg	100	4/25/2011 06:21 AM
n-Propylbenzene	ND		200	µg/Kg	100	4/25/2011 06:21 AM
Naphthalene	ND		200	µg/Kg	100	4/25/2011 06:21 AM
o-Xylene	ND		100	µg/Kg	100	4/25/2011 06:21 AM
p-Isopropyltoluene	ND		100	µg/Kg	100	4/25/2011 06:21 AM
sec-Butylbenzene	ND		100	µg/Kg	100	4/25/2011 06:21 AM
Styrene	ND		150	µg/Kg	100	4/25/2011 06:21 AM
tert-Amyl methyl ether	ND		100	µg/Kg	100	4/25/2011 06:21 AM
tert-Butyl alcohol	ND		500	µg/Kg	100	4/25/2011 06:21 AM
tert-Butylbenzene	ND		150	µg/Kg	100	4/25/2011 06:21 AM
Tetrachloroethene	ND		50	µg/Kg	100	4/25/2011 06:21 AM
Tetrahydrofuran	ND		150	µg/Kg	100	4/25/2011 06:21 AM
Toluene	ND		150	µg/Kg	100	4/25/2011 06:21 AM
trans-1,2-Dichloroethene	ND		100	µg/Kg	100	4/25/2011 06:21 AM
trans-1,3-Dichloropropene	ND		150	µg/Kg	100	4/25/2011 06:21 AM
trans-1,4-Dichloro-2-butene	ND	UJ	350	µg/Kg	100	4/25/2011 06:21 AM
Trichloroethene	ND		50	µg/Kg	100	4/25/2011 06:21 AM
Trichlorofluoromethane	ND		100	µg/Kg	100	4/25/2011 06:21 AM
Vinyl acetate	ND		1,500	µg/Kg	100	4/25/2011 06:21 AM
Vinyl chloride	ND		40	µg/Kg	100	4/25/2011 06:21 AM

KH 5/2/11

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-MB-04
Collection Date: 4/21/2011

Work Order: 1104569
Lab ID: 1104569-08
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
1,2-Dichloroethene, Total	ND		250	µg/Kg	100	4/25/2011 06:21 AM
1,3-Dichloropropene, Total	ND		100	µg/Kg	100	4/25/2011 06:21 AM
Xylenes, Total	ND		300	µg/Kg	100	4/25/2011 06:21 AM
Surr: 1,2-Dichloroethane-d4	*104*		*70-120*	*%REC*	100	4/25/2011 06:21 AM
Surr: 4-Bromofluorobenzene	*97.8*		*75-120*	*%REC*	100	4/25/2011 06:21 AM
Surr: Dibromofluoromethane	*97.6*		*85-115*	*%REC*	100	4/25/2011 06:21 AM
Surr: Toluene-d8	*98.5*		*85-115*	*%REC*	100	4/25/2011 06:21 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: 01-May-11

Client: Horizon Environmental
Work Order: 1104569
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **32972** Instrument ID **GC4** Method: **SW8082**

MBLK Sample ID: **PBLKS1-32972-32972** Units: **µg/Kg** Analysis Date: **4/22/2011 06:34 PM**

Client ID: Run ID: **GC4_110422A** SeqNo: **1609277** Prep Date: **4/22/2011** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	ND	40								
Aroclor 1221	ND	40								
Aroclor 1232	ND	40								
Aroclor 1242	ND	40								
Aroclor 1248	ND	40								
Aroclor 1254	ND	40								
Aroclor 1260	ND	40								
Aroclor 1262	ND	40								
Aroclor 1268	ND	40								
Surr: Decachlorobiphenyl	*26.33*	0	*33.3*	0	*79.1*	*50-130*	0			

LCS Sample ID: **PLCSS1-32972-32972** Units: **µg/Kg** Analysis Date: **4/22/2011 06:34 PM**

Client ID: Run ID: **GC4_110422A** SeqNo: **1609279** Prep Date: **4/22/2011** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	702	40	833	0	84.3	50-130	0			
Aroclor 1260	745.7	40	833	0	89.5	50-130	0			
Surr: Decachlorobiphenyl	*26.67*	0	*33.3*	0	*80.1*	*50-130*	0			

LCSD Sample ID: **PLCSDS1-32972-32972** Units: **µg/Kg** Analysis Date: **4/22/2011 06:34 PM**

Client ID: Run ID: **GC4_110422A** SeqNo: **1609278** Prep Date: **4/22/2011** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	680	40	833	0	81.6	50-130	702	3.18	25	
Aroclor 1260	728	40	833	0	87.4	50-130	745.7	2.4	25	
Surr: Decachlorobiphenyl	*27*	0	*33.3*	0	*81.1*	*50-130*	26.67	*1.24*	*25*	

MS Sample ID: **1104569-04B MS** Units: **µg/Kg** Analysis Date: **4/22/2011 06:34 PM**

Client ID: **RO-S-VS-36** Run ID: **GC4_110422A** SeqNo: **1609274** Prep Date: **4/22/2011** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	579.2	40	828.5	0	69.9	40-140	0			
Aroclor 1260	727.7	40	828.5	0	87.8	40-140	0			
Surr: Decachlorobiphenyl	*24.2*	0	*33.12*	0	*73.1*	*40-140*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104569
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **32972** Instrument ID **GC4** Method: **SW8082**

MSD Sample ID: **1104569-04B MSD** Units: **µg/Kg** Analysis Date: **4/22/2011 06:34 PM**

Client ID: **RO-S-VS-36** Run ID: **GC4_110422A** SeqNo: **1609275** Prep Date: **4/22/2011** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	583.5	39	817.8	0	71.3	40-140	579.2	0.742	50	
Aroclor 1260	704.6	39	817.8	0	86.2	40-140	727.7	3.23	50	
Surr: Decachlorobiphenyl	*22.91*	0	*32.69*	0	*70.1*	*40-140*	24.2	*5.49*	*50*	

The following samples were analyzed in this batch: 1104569-04B 1104569-05B

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104569
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **33003** Instrument ID **GC4** Method: **SW8082**

MBLK Sample ID: **PBLKS1-33003-33003** Units: **µg/Kg** Analysis Date: **4/26/2011 12:59 PM**
Client ID: Run ID: **GC4_110426A** SeqNo: **1610990** Prep Date: **4/26/2011** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	ND	40								
Aroclor 1221	ND	40								
Aroclor 1232	ND	40								
Aroclor 1242	ND	40								
Aroclor 1248	ND	40								
Aroclor 1254	ND	40								
Aroclor 1260	ND	40								
Aroclor 1262	ND	40								
Aroclor 1268	ND	40								
Surr: Decachlorobiphenyl	*33.33*	0	*33.3*	0	*100*	*50-130*	0			

LCS Sample ID: **PLCSS1-33003-33003** Units: **µg/Kg** Analysis Date: **4/26/2011 12:59 PM**
Client ID: Run ID: **GC4_110426A** SeqNo: **1610992** Prep Date: **4/26/2011** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	813	40	833	0	97.6	50-130	0			
Aroclor 1260	835.3	40	833	0	100	50-130	0			
Surr: Decachlorobiphenyl	*30*	0	*33.3*	0	*90.1*	*50-130*	0			

LCSD Sample ID: **PLCSDS1-33003-33003** Units: **µg/Kg** Analysis Date: **4/26/2011 12:59 PM**
Client ID: Run ID: **GC4_110426A** SeqNo: **1610991** Prep Date: **4/26/2011** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	810.7	40	833	0	97.3	50-130	813	0.287	25	
Aroclor 1260	823.7	40	833	0	98.9	50-130	835.3	1.41	25	
Surr: Decachlorobiphenyl	*30*	0	*33.3*	0	*90.1*	*50-130*	30	*0*	*25*	

MS Sample ID: **1104569-06B MS** Units: **µg/Kg** Analysis Date: **4/26/2011 12:59 PM**
Client ID: **RO-S-BD-1** Run ID: **GC4_110426A** SeqNo: **1610988** Prep Date: **4/26/2011** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	492.6	39	804	0	61.3	40-140	0			
Aroclor 1260	636.1	39	804	0	79.1	40-140	0			
Surr: Decachlorobiphenyl	*25.74*	0	*32.14*	0	*80.1*	*40-140*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104569
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **33003** Instrument ID **GC4** Method: **SW8082**

MSD Sample ID: **1104569-06B MSD** Units: **µg/Kg** Analysis Date: **4/26/2011 12:59 PM**

Client ID: **RO-S-BD-1** Run ID: **GC4_110426A** SeqNo: **1610989** Prep Date: **4/26/2011** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	509.1	39	808.8	0	62.9	40-140	492.6	3.3	50	
Aroclor 1260	641.8	39	808.8	0	79.4	40-140	636.1	0.897	50	
Surr: Decachlorobiphenyl	*26.54*	0	*32.33*	0	*82.1*	*40-140*	25.74	*3.06*	*50*	

The following samples were analyzed in this batch: 1104569-06B

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104569
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **32980** Instrument ID **ICPMS1** Method: **SW6020A**

MBLK Sample ID: **MBLK-32980-32980** Units: **mg/Kg** Analysis Date: **4/25/2011 01:26 PM**
Client ID: Run ID: **ICPMS1_110425A** SeqNo: **1609656** Prep Date: **4/24/2011** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.02506	0.25								J
Lead	0.002794	0.25								J

LCS Sample ID: **LCS-32980-32980** Units: **mg/Kg** Analysis Date: **4/25/2011 01:32 PM**
Client ID: Run ID: **ICPMS1_110425A** SeqNo: **1609657** Prep Date: **4/24/2011** DF: **2**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	4.884	0.50	5	0	97.7	80-120	0			
Lead	5.101	0.50	5	0	102	80-120	0			

LCSD Sample ID: **LCSD-32980-32980** Units: **mg/Kg** Analysis Date: **4/25/2011 01:38 PM**
Client ID: Run ID: **ICPMS1_110425A** SeqNo: **1609658** Prep Date: **4/24/2011** DF: **2**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	4.761	0.50	5	0	95.2	80-120	4.884	2.55	20	
Lead	4.865	0.50	5	0	97.3	80-120	5.101	4.74	20	

MS Sample ID: **1104561-03AMS** Units: **mg/Kg** Analysis Date: **4/25/2011 02:07 PM**
Client ID: Run ID: **ICPMS1_110425A** SeqNo: **1609663** Prep Date: **4/24/2011** DF: **4**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	16.18	1.7	8.319	9.833	76.3	80-120	0			S
Lead	29.19	1.7	8.319	24.3	58.9	80-120	0			S

MSD Sample ID: **1104561-03AMSD** Units: **mg/Kg** Analysis Date: **4/25/2011 02:13 PM**
Client ID: Run ID: **ICPMS1_110425A** SeqNo: **1609664** Prep Date: **4/24/2011** DF: **4**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	16.48	1.6	8.097	9.833	82	80-120	16.18	1.82	25	
Lead	30.3	1.6	8.097	24.3	74.1	80-120	29.19	3.71	25	S

The following samples were analyzed in this batch: 1104569-04B 1104569-05B 1104569-07A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104569
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **33007** Instrument ID **ICPMS2** Method: **SW6020A**

MBLK Sample ID: **MBLK-33007-33007** Units: **mg/Kg** Analysis Date: **4/26/2011 01:07 PM**
Client ID: Run ID: **ICPMS2_110426A** SeqNo: **1610911** Prep Date: **4/26/2011** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	ND	0.25								
Lead	0.00186	0.25								J

LCS Sample ID: **LCS-33007-33007** Units: **mg/Kg** Analysis Date: **4/26/2011 01:27 PM**
Client ID: Run ID: **ICPMS2_110426A** SeqNo: **1610914** Prep Date: **4/26/2011** DF: **2**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	4.94	0.50	5	0	98.8	80-120	0			
Lead	4.753	0.50	5	0	95.1	80-120	0			

LCSD Sample ID: **LCSD-33007-33007** Units: **mg/Kg** Analysis Date: **4/26/2011 01:32 PM**
Client ID: Run ID: **ICPMS2_110426A** SeqNo: **1610915** Prep Date: **4/26/2011** DF: **2**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	4.997	0.50	5	0	99.9	80-120	4.94	1.15	20	
Lead	4.85	0.50	5	0	97	80-120	4.753	2.02	20	

MS Sample ID: **1104569-06BMS** Units: **mg/Kg** Analysis Date: **4/26/2011 01:46 PM**
Client ID: **RO-S-BD-1** Run ID: **ICPMS2_110426A** SeqNo: **1610918** Prep Date: **4/26/2011** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	14.14	0.47	9.346	4.487	103	80-120	0			
Lead	142.9	0.47	9.346	113.4	316	80-120	0			SO

MSD Sample ID: **1104569-06BMSD** Units: **mg/Kg** Analysis Date: **4/26/2011 01:51 PM**
Client ID: **RO-S-BD-1** Run ID: **ICPMS2_110426A** SeqNo: **1610919** Prep Date: **4/26/2011** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	16.01	0.48	9.56	4.487	121	80-120	14.14	12.4	25	S
Lead	138.2	0.48	9.56	113.4	260	80-120	142.9	3.31	25	SO

The following samples were analyzed in this batch: 1104569-06B

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104569
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R89343** Instrument ID **VMS6** Method: **SW8260**

MBLK Sample ID: **VBLKW2-110424-R89343** Units: **µg/L** Analysis Date: **4/25/2011 12:38 PM**

Client ID: Run ID: **VMS6_110424A** SeqNo: **1608904** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	ND	1.0								
1,1,1-Trichloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
1,1,2-Trichlorotrifluoroethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,1-Dichloropropene	ND	1.0								
1,2,3-Trichlorobenzene	ND	3.0								
1,2,3-Trichloropropane	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,2,4-Trimethylbenzene	ND	1.0								
1,2-Dibromo-3-chloropropane	ND	1.0								
1,2-Dibromoethane	ND	1.0								
1,2-Dichlorobenzene	ND	1.0								
1,2-Dichloroethane	ND	1.0								
1,2-Dichloropropane	ND	2.0								
1,3,5-Trimethylbenzene	ND	1.0								
1,3-Dichlorobenzene	ND	2.0								
1,3-Dichloropropane	ND	1.0								
1,4-Dichlorobenzene	ND	2.0								
2,2-Dichloropropane	ND	1.0								
2-Butanone	1.02	5.0								J
2-Chlorotoluene	ND	2.0								
2-Hexanone	ND	5.0								
2-Methylnaphthalene	ND	10								
4-Chlorotoluene	ND	1.0								
4-Methyl-2-pentanone	ND	5.0								
Acetone	3.14	20								J
Acrylonitrile	ND	1.0								
Benzene	ND	1.0								
Bromobenzene	ND	1.0								
Bromochloromethane	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Carbon disulfide	ND	2.5								
Carbon tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	1.0								
Chloroform	ND	1.0								
Chloromethane	ND	1.0								
cis-1,2-Dichloroethene	ND	1.0								

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104569
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R89343** Instrument ID **VMS6** Method: **SW8260**

cis-1,3-Dichloropropene	ND	1.0					
Dibromochloromethane	ND	1.0					
Dibromomethane	ND	1.0					
Dichlorodifluoromethane	ND	1.0					
Diethyl ether	ND	10					
Diisopropyl ether	ND	5.0					
Ethyl tert butyl ether	ND	5.0					
Ethylbenzene	ND	1.0					
Hexachlorobutadiene	ND	5.0					
Hexachloroethane	ND	1.0					
Hexane	ND	5.0					
Iodomethane	ND	5.0					
Isopropylbenzene	ND	1.0					
m,p-Xylene	ND	2.0					
Methyl tert-butyl ether	ND	5.0					
Methylene chloride	ND	5.0					
n-Butylbenzene	ND	1.0					
n-Propylbenzene	ND	1.0					
Naphthalene	ND	5.0					
o-Xylene	ND	1.0					
p-Isopropyltoluene	ND	2.0					
sec-Butylbenzene	ND	2.0					
Styrene	ND	1.0					
tert-Butyl alcohol	ND	50					
tert-Butylbenzene	ND	2.0					
Tetrachloroethene	ND	2.0					
Tetrahydrofuran	ND	10					
Toluene	ND	1.0					
trans-1,2-Dichloroethene	ND	1.0					
trans-1,3-Dichloropropene	ND	1.0					
trans-1,4-Dichloro-2-butene	ND	5.0					
Trichloroethene	ND	1.0					
Trichlorofluoromethane	ND	1.0					
Vinyl acetate	ND	1.0					
Vinyl chloride	ND	1.0					
1,2-Dichloroethene, Total	ND	2.0					
1,3-Dichloropropene, Total	ND	2.0					
Xylenes, Total	ND	2.0					
Surr: 1,2-Dichloroethane-d4	*100.8*	0	*100*	0	*101*	*70-120*	0
Surr: 4-Bromofluorobenzene	*98.02*	0	*100*	0	*98*	*75-120*	0
Surr: Dibromofluoromethane	*100.3*	0	*100*	0	*100*	*85-115*	0
Surr: Toluene-d8	*99.53*	0	*100*	0	*99.5*	*85-120*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104569
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R89343** Instrument ID **VMS6** Method: **SW8260**

LCS Sample ID: **VLCSW1-110424-R89343** Units: **µg/L** Analysis Date: **4/24/2011 11:21 PM**

Client ID: Run ID: **VMS6_110424A** SeqNo: **1608902** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	18.88	1.0	20	0	94.4	80-130	0			
1,1,1-Trichloroethane	20.09	1.0	20	0	100	65-130	0			
1,1,2,2-Tetrachloroethane	19.85	1.0	20	0	99.2	65-130	0			
1,1,2-Trichloroethane	19.64	1.0	20	0	98.2	75-125	0			
1,1-Dichloroethane	19.16	1.0	20	0	95.8	70-135	0			
1,1-Dichloroethene	20.96	1.0	20	0	105	70-130	0			
1,1-Dichloropropene	20.59	1.0	20	0	103	75-130	0			
1,2,3-Trichlorobenzene	21.02	3.0	20	0	105	55-140	0			
1,2,3-Trichloropropane	19.4	1.0	20	0	97	75-125	0			
1,2,4-Trichlorobenzene	20.67	1.0	20	0	103	65-135	0			
1,2,4-Trimethylbenzene	18.81	1.0	20	0	94	75-130	0			
1,2-Dibromo-3-chloropropane	18.07	1.0	20	0	90.4	50-130	0			
1,2-Dibromoethane	19.42	1.0	20	0	97.1	80-120	0			
1,2-Dichlorobenzene	20.02	1.0	20	0	100	70-120	0			
1,2-Dichloroethane	19.56	1.0	20	0	97.8	70-130	0			
1,2-Dichloropropane	19.54	2.0	20	0	97.7	75-125	0			
1,3,5-Trimethylbenzene	20.07	1.0	20	0	100	75-130	0			
1,3-Dichlorobenzene	19.79	2.0	20	0	99	75-125	0			
1,3-Dichloropropane	19.46	1.0	20	0	97.3	75-125	0			
1,4-Dichlorobenzene	20.17	2.0	20	0	101	75-125	0			
2,2-Dichloropropane	16.91	1.0	20	0	84.6	70-135	0			
2-Butanone	22.37	5.0	20	0	112	30-150	0			
2-Chlorotoluene	19.96	2.0	20	0	99.8	75-125	0			
2-Hexanone	18.81	5.0	20	0	94	55-130	0			
4-Chlorotoluene	20.05	1.0	20	0	100	75-135	0			
4-Methyl-2-pentanone	25.33	5.0	20	0	127	60-135	0			
Acetone	28.96	20	20	0	145	40-140	0			S
Acrylonitrile	18.61	1.0	20	0	93	70-135	0			
Benzene	20.03	1.0	20	0	100	80-120	0			
Bromobenzene	19.6	1.0	20	0	98	75-125	0			
Bromochloromethane	20.35	1.0	20	0	102	65-130	0			
Bromodichloromethane	20.28	1.0	20	0	101	75-120	0			
Bromoform	17.78	1.0	20	0	88.9	70-130	0			
Carbon disulfide	21.5	2.5	20	0	108	35-165	0			
Carbon tetrachloride	20.64	1.0	20	0	103	65-140	0			
Chlorobenzene	19.93	1.0	20	0	99.6	80-120	0			
Chloroethane	18.8	1.0	20	0	94	60-135	0			
Chloroform	19.7	1.0	20	0	98.5	65-135	0			
Chloromethane	16.25	1.0	20	0	81.2	70-125	0			
cis-1,2-Dichloroethene	19.83	1.0	20	0	99.2	70-125	0			
cis-1,3-Dichloropropene	20.07	1.0	20	0	100	70-130	0			
Dibromochloromethane	18.35	1.0	20	0	91.8	60-135	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

QC BATCH REPORT

Batch ID: **R89343** Instrument ID **VMS6** Method: **SW8260**

Dibromomethane	18.82	1.0	20	0	94.1	75-125	0
Dichlorodifluoromethane	11.95	1.0	20	0	59.8	30-155	0
Ethylbenzene	20.1	1.0	20	0	100	75-125	0
Hexachlorobutadiene	22.19	5.0	20	0	111	50-140	0
Hexachloroethane	18	1.0	20	0	90	70-135	0
Iodomethane	18.41	5.0	20	0	92	70-135	0
Isopropylbenzene	19.28	1.0	20	0	96.4	75-125	0
m,p-Xylene	40.05	2.0	40	0	100	75-130	0
Methyl tert-butyl ether	19.89	5.0	20	0	99.4	65-125	0
Methylene chloride	19.26	5.0	20	0	96.3	55-140	0
n-Butylbenzene	20.69	1.0	20	0	103	70-135	0
n-Propylbenzene	18.9	1.0	20	0	94.5	70-130	0
Naphthalene	20.93	5.0	20	0	105	55-140	0
o-Xylene	19.71	1.0	20	0	98.6	80-120	0
p-Isopropyltoluene	19.39	2.0	20	0	97	75-130	0
sec-Butylbenzene	19.62	2.0	20	0	98.1	70-125	0
Styrene	19.76	1.0	20	0	98.8	65-135	0
tert-Butylbenzene	20.15	2.0	20	0	101	70-130	0
Tetrachloroethene	20.73	2.0	20	0	104	45-150	0
Tetrahydrofuran	23.02	10	20	0	115	70-135	0
Toluene	19.33	1.0	20	0	96.6	75-120	0
trans-1,2-Dichloroethene	20.59	1.0	20	0	103	60-140	0
trans-1,3-Dichloropropene	18.5	1.0	20	0	92.5	55-140	0
trans-1,4-Dichloro-2-butene	16.2	5.0	20	0	81	70-135	0
Trichloroethene	19.95	1.0	20	0	99.8	70-125	0
Trichlorofluoromethane	15.41	1.0	20	0	77	60-145	0
Vinyl chloride	18.69	1.0	20	0	93.4	50-145	0
Xylenes, Total	59.76	2.0	60	0	99.6	75-130	0
Surr: 1,2-Dichloroethane-d4	*100.8*	0	*100*	0	*101*	*70-120*	0
Surr: 4-Bromofluorobenzene	*98.73*	0	*100*	0	*98.7*	*75-120*	0
Surr: Dibromofluoromethane	*101*	0	*100*	0	*101*	*85-115*	0
Surr: Toluene-d8	*99.26*	0	*100*	0	*99.3*	*85-120*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104569
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R89343** Instrument ID **VMS6** Method: **SW8260**

LCSD Sample ID: **VLCSDW1-110424-R89343** Units: **µg/L** Analysis Date: **4/24/2011 11:47 PM**

Client ID: Run ID: **VMS6_110424A** SeqNo: **1608903** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	18.39	1.0	20	0	92	80-130	18.88	2.63	30	
1,1,1-Trichloroethane	19.29	1.0	20	0	96.4	65-130	20.09	4.06	30	
1,1,2,2-Tetrachloroethane	19.37	1.0	20	0	96.8	65-130	19.85	2.45	30	
1,1,2-Trichloroethane	19.25	1.0	20	0	96.2	75-125	19.64	2.01	30	
1,1-Dichloroethane	18.6	1.0	20	0	93	70-135	19.16	2.97	30	
1,1-Dichloroethene	19.51	1.0	20	0	97.6	70-130	20.96	7.17	30	
1,1-Dichloropropene	19.39	1.0	20	0	97	75-130	20.59	6	30	
1,2,3-Trichlorobenzene	19.32	3.0	20	0	96.6	55-140	21.02	8.43	30	
1,2,3-Trichloropropane	19.2	1.0	20	0	96	75-125	19.4	1.04	30	
1,2,4-Trichlorobenzene	18.99	1.0	20	0	95	65-135	20.67	8.47	30	
1,2,4-Trimethylbenzene	17.73	1.0	20	0	88.6	75-130	18.81	5.91	30	
1,2-Dibromo-3-chloropropane	17.38	1.0	20	0	86.9	50-130	18.07	3.89	30	
1,2-Dibromoethane	19.32	1.0	20	0	96.6	80-120	19.42	0.516	30	
1,2-Dichlorobenzene	19.46	1.0	20	0	97.3	70-120	20.02	2.84	30	
1,2-Dichloroethane	19.23	1.0	20	0	96.2	70-130	19.56	1.7	30	
1,2-Dichloropropane	19.13	2.0	20	0	95.6	75-125	19.54	2.12	30	
1,3,5-Trimethylbenzene	18.84	1.0	20	0	94.2	75-130	20.07	6.32	30	
1,3-Dichlorobenzene	18.96	2.0	20	0	94.8	75-125	19.79	4.28	30	
1,3-Dichloropropane	19.26	1.0	20	0	96.3	75-125	19.46	1.03	30	
1,4-Dichlorobenzene	19.24	2.0	20	0	96.2	75-125	20.17	4.72	30	
2,2-Dichloropropane	15.78	1.0	20	0	78.9	70-135	16.91	6.91	30	
2-Butanone	18.78	5.0	20	0	93.9	30-150	22.37	17.4	30	
2-Chlorotoluene	18.92	2.0	20	0	94.6	75-125	19.96	5.35	30	
2-Hexanone	18.26	5.0	20	0	91.3	55-130	18.81	2.97	30	
4-Chlorotoluene	18.73	1.0	20	0	93.6	75-135	20.05	6.81	30	
4-Methyl-2-pentanone	24.34	5.0	20	0	122	60-135	25.33	3.99	30	
Acetone	25.31	20	20	0	127	40-140	28.96	13.5	30	
Acrylonitrile	17.74	1.0	20	0	88.7	70-135	18.61	4.79	30	
Benzene	19.36	1.0	20	0	96.8	80-120	20.03	3.4	30	
Bromobenzene	19.07	1.0	20	0	95.4	75-125	19.6	2.74	30	
Bromochloromethane	19.96	1.0	20	0	99.8	65-130	20.35	1.94	30	
Bromodichloromethane	19.71	1.0	20	0	98.6	75-120	20.28	2.85	30	
Bromoform	17.31	1.0	20	0	86.6	70-130	17.78	2.68	30	
Carbon disulfide	20.17	2.5	20	0	101	35-165	21.5	6.38	30	
Carbon tetrachloride	19.15	1.0	20	0	95.8	65-140	20.64	7.49	30	
Chlorobenzene	19.09	1.0	20	0	95.4	80-120	19.93	4.31	30	
Chloroethane	17.17	1.0	20	0	85.8	60-135	18.8	9.06	30	
Chloroform	18.87	1.0	20	0	94.4	65-135	19.7	4.3	30	
Chloromethane	14.82	1.0	20	0	74.1	70-125	16.25	9.21	30	
cis-1,2-Dichloroethene	19.06	1.0	20	0	95.3	70-125	19.83	3.96	30	
cis-1,3-Dichloropropene	19.64	1.0	20	0	98.2	70-130	20.07	2.17	30	
Dibromochloromethane	17.99	1.0	20	0	90	60-135	18.35	1.98	30	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104569
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R89343** Instrument ID **VMS6** Method: **SW8260**

Dibromomethane	18.51	1.0	20	0	92.6	75-125	18.82	1.66	30
Dichlorodifluoromethane	11.08	1.0	20	0	55.4	30-155	11.95	7.56	30
Ethylbenzene	19.03	1.0	20	0	95.2	75-125	20.1	5.47	30
Hexachlorobutadiene	19.52	5.0	20	0	97.6	50-140	22.19	12.8	30
Hexachloroethane	17.22	1.0	20	0	86.1	70-135	18	4.43	30
Iodomethane	19.08	5.0	20	0	95.4	70-135	18.41	3.57	30
Isopropylbenzene	18.26	1.0	20	0	91.3	75-125	19.28	5.43	30
m,p-Xylene	37.87	2.0	40	0	94.7	75-130	40.05	5.6	30
Methyl tert-butyl ether	19.66	5.0	20	0	98.3	65-125	19.89	1.16	30
Methylene chloride	18.62	5.0	20	0	93.1	55-140	19.26	3.38	30
n-Butylbenzene	18.55	1.0	20	0	92.8	70-135	20.69	10.9	30
n-Propylbenzene	17.64	1.0	20	0	88.2	70-130	18.9	6.9	30
Naphthalene	19.38	5.0	20	0	96.9	55-140	20.93	7.69	30
o-Xylene	18.98	1.0	20	0	94.9	80-120	19.71	3.77	30
p-Isopropyltoluene	17.94	2.0	20	0	89.7	75-130	19.39	7.77	30
sec-Butylbenzene	18.03	2.0	20	0	90.2	70-125	19.62	8.45	30
Styrene	18.26	1.0	20	0	91.3	65-135	19.76	7.89	30
tert-Butylbenzene	18.94	2.0	20	0	94.7	70-130	20.15	6.19	30
Tetrachloroethene	19.43	2.0	20	0	97.2	45-150	20.73	6.47	30
Tetrahydrofuran	20.95	10	20	0	105	70-135	23.02	9.42	30
Toluene	18.1	1.0	20	0	90.5	75-120	19.33	6.57	30
trans-1,2-Dichloroethene	19.42	1.0	20	0	97.1	60-140	20.59	5.85	30
trans-1,3-Dichloropropene	18.04	1.0	20	0	90.2	55-140	18.5	2.52	30
trans-1,4-Dichloro-2-butene	15.67	5.0	20	0	78.4	70-135	16.2	3.33	30
Trichloroethene	19.13	1.0	20	0	95.6	70-125	19.95	4.2	30
Trichlorofluoromethane	14.91	1.0	20	0	74.6	60-145	15.41	3.3	30
Vinyl chloride	17.64	1.0	20	0	88.2	50-145	18.69	5.78	30
Xylenes, Total	56.85	2.0	60	0	94.8	75-130	59.76	4.99	30
Surr: 1,2-Dichloroethane-d4	*99.46*	0	*100*	0	*99.5*	*70-120*	100.8	*1.39*	*30*
Surr: 4-Bromofluorobenzene	*99.7*	0	*100*	0	*99.7*	*75-120*	98.73	*0.978*	*30*
Surr: Dibromofluoromethane	*100.7*	0	*100*	0	*101*	*85-115*	101	*0.327*	*30*
Surr: Toluene-d8	*99.68*	0	*100*	0	*99.7*	*85-120*	99.26	*0.422*	*30*

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104569
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R89343** Instrument ID **VMS6** Method: **SW8260**

MS Sample ID: **1104498-09A MS** Units: **µg/L** Analysis Date: **4/25/2011 09:45 AM**

Client ID: Run ID: **VMS6_110424A** SeqNo: **1609300** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	18.05	1.0	20	0	90.2	80-130	0			
1,1,1-Trichloroethane	19.64	1.0	20	0	98.2	65-130	0			
1,1,2,2-Tetrachloroethane	17.93	1.0	20	0	89.6	65-130	0			
1,1,2-Trichloroethane	18.47	1.0	20	0	92.4	75-125	0			
1,1-Dichloroethane	19.05	1.0	20	0	95.2	70-135	0			
1,1-Dichloroethene	20.8	1.0	20	0	104	70-130	0			
1,1-Dichloropropene	20.04	1.0	20	0	100	75-130	0			
1,2,3-Trichlorobenzene	16.46	3.0	20	0	82.3	55-140	0			
1,2,3-Trichloropropane	17.72	1.0	20	0	88.6	75-125	0			
1,2,4-Trichlorobenzene	16.57	1.0	20	0	82.8	65-135	0			
1,2,4-Trimethylbenzene	17.69	1.0	20	0	88.4	75-130	0			
1,2-Dibromo-3-chloropropane	15.34	1.0	20	0	76.7	50-130	0			
1,2-Dibromoethane	18.03	1.0	20	0	90.2	80-120	0			
1,2-Dichlorobenzene	18.45	1.0	20	0	92.2	70-120	0			
1,2-Dichloroethane	18.72	1.0	20	0	93.6	70-130	0			
1,2-Dichloropropane	18.94	2.0	20	0	94.7	75-125	0			
1,3,5-Trimethylbenzene	18.75	1.0	20	0	93.8	75-130	0			
1,3-Dichlorobenzene	18.3	2.0	20	0	91.5	75-125	0			
1,3-Dichloropropane	18.25	1.0	20	0	91.2	75-125	0			
1,4-Dichlorobenzene	18.57	2.0	20	0	92.8	75-125	0			
2,2-Dichloropropane	8.76	1.0	20	0	43.8	70-135	0			S
2-Butanone	11.43	5.0	20	0	57.2	30-150	0			
2-Chlorotoluene	18.59	2.0	20	0	93	75-125	0			
2-Hexanone	16.4	5.0	20	0	82	55-130	0			
4-Chlorotoluene	18.34	1.0	20	0	91.7	75-135	0			
4-Methyl-2-pentanone	22.7	5.0	20	0	114	60-135	0			
Acetone	20.26	20	20	0	101	40-140	0			
Acrylonitrile	16.72	1.0	20	0	83.6	70-135	0			
Benzene	19.75	1.0	20	0	98.8	80-120	0			
Bromobenzene	18.35	1.0	20	0	91.8	75-125	0			
Bromochloromethane	19.77	1.0	20	0	98.8	65-130	0			
Bromodichloromethane	19.1	1.0	20	0	95.5	75-120	0			
Bromoform	15.62	1.0	20	0	78.1	70-130	0			
Carbon disulfide	19.78	2.5	20	0	98.9	35-165	0			
Carbon tetrachloride	19.64	1.0	20	0	98.2	65-140	0			
Chlorobenzene	18.97	1.0	20	0	94.8	80-120	0			
Chloroethane	18.62	1.0	20	0	93.1	60-135	0			
Chloroform	19.2	1.0	20	0	96	65-135	0			
Chloromethane	14.33	1.0	20	0	71.6	70-125	0			
cis-1,2-Dichloroethene	18.61	1.0	20	0	93	70-125	0			
cis-1,3-Dichloropropene	16.94	1.0	20	0	84.7	70-130	0			
Dibromochloromethane	16.82	1.0	20	0	84.1	60-135	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104569
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R89343** Instrument ID **VMS6** Method: **SW8260**

Dibromomethane	17.7	1.0	20	0	88.5	75-125	0	
Dichlorodifluoromethane	12.58	1.0	20	0	62.9	30-155	0	
Ethylbenzene	19.15	1.0	20	0	95.8	75-125	0	
Hexachlorobutadiene	15.88	5.0	20	0	79.4	50-140	0	
Hexachloroethane	16.52	1.0	20	0	82.6	70-135	0	
Iodomethane	15.08	5.0	20	0	75.4	70-135	0	
Isopropylbenzene	18.38	1.0	20	0	91.9	75-125	0	
m,p-Xylene	38.16	2.0	40	0	95.4	75-130	0	
Methyl tert-butyl ether	18.86	5.0	20	0	94.3	65-125	0	
Methylene chloride	19.11	5.0	20	0	95.6	55-140	0	
n-Butylbenzene	17.53	1.0	20	0	87.6	70-135	0	
n-Propylbenzene	17.5	1.0	20	0	87.5	70-130	0	
Naphthalene	16.9	5.0	20	0	84.5	55-140	0	
o-Xylene	18.9	1.0	20	0	94.5	80-120	0	
p-Isopropyltoluene	17.68	2.0	20	0	88.4	75-130	0	
sec-Butylbenzene	17.89	2.0	20	0	89.4	70-125	0	
Styrene	17.3	1.0	20	0	86.5	65-135	0	
tert-Butylbenzene	19.08	2.0	20	0	95.4	70-130	0	
Tetrachloroethene	19.22	2.0	20	0	96.1	45-150	0	
Tetrahydrofuran	16.57	10	20	0	82.8	70-135	0	
Toluene	18.61	1.0	20	0	93	75-120	0	
trans-1,2-Dichloroethene	20.12	1.0	20	0	101	60-140	0	
trans-1,3-Dichloropropene	14.78	1.0	20	0	73.9	55-140	0	
trans-1,4-Dichloro-2-butene	11.13	5.0	20	0	55.6	70-135	0	S
Trichloroethene	19.36	1.0	20	0	96.8	70-125	0	
Trichlorofluoromethane	15.65	1.0	20	0	78.2	60-145	0	
Vinyl chloride	18.51	1.0	20	0	92.6	50-145	0	
Xylenes, Total	57.06	2.0	60	0	95.1	75-130	0	
Surr: 1,2-Dichloroethane-d4	*98.99*	0	*100*	0	*99*	*70-120*	0	
Surr: 4-Bromofluorobenzene	*104.6*	0	*100*	0	*105*	*75-120*	0	
Surr: Dibromofluoromethane	*99.93*	0	*100*	0	*99.9*	*85-115*	0	
Surr: Toluene-d8	*99.55*	0	*100*	0	*99.6*	*85-120*	0	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104569
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R89343** Instrument ID **VMS6** Method: **SW8260**

MSD Sample ID: **1104498-09A MSD** Units: **µg/L** Analysis Date: **4/25/2011 10:11 AM**

Client ID: Run ID: **VMS6_110424A** SeqNo: **1609302** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	17.77	1.0	20	0	88.8	80-130	18.05	1.56	30	
1,1,1-Trichloroethane	18.67	1.0	20	0	93.4	65-130	19.64	5.06	30	
1,1,2,2-Tetrachloroethane	17.76	1.0	20	0	88.8	65-130	17.93	0.953	30	
1,1,2-Trichloroethane	17.99	1.0	20	0	90	75-125	18.47	2.63	30	
1,1-Dichloroethane	18.7	1.0	20	0	93.5	70-135	19.05	1.85	30	
1,1-Dichloroethene	19.72	1.0	20	0	98.6	70-130	20.8	5.33	30	
1,1-Dichloropropene	18.56	1.0	20	0	92.8	75-130	20.04	7.67	30	
1,2,3-Trichlorobenzene	16.99	3.0	20	0	85	55-140	16.46	3.17	30	
1,2,3-Trichloropropane	17.31	1.0	20	0	86.6	75-125	17.72	2.34	30	
1,2,4-Trichlorobenzene	17.3	1.0	20	0	86.5	65-135	16.57	4.31	30	
1,2,4-Trimethylbenzene	17.08	1.0	20	0	85.4	75-130	17.69	3.51	30	
1,2-Dibromo-3-chloropropane	15.33	1.0	20	0	76.6	50-130	15.34	0.0652	30	
1,2-Dibromoethane	17.68	1.0	20	0	88.4	80-120	18.03	1.96	30	
1,2-Dichlorobenzene	18.38	1.0	20	0	91.9	70-120	18.45	0.38	30	
1,2-Dichloroethane	18.22	1.0	20	0	91.1	70-130	18.72	2.71	30	
1,2-Dichloropropane	18.44	2.0	20	0	92.2	75-125	18.94	2.68	30	
1,3,5-Trimethylbenzene	18.18	1.0	20	0	90.9	75-130	18.75	3.09	30	
1,3-Dichlorobenzene	17.91	2.0	20	0	89.6	75-125	18.3	2.15	30	
1,3-Dichloropropane	17.93	1.0	20	0	89.6	75-125	18.25	1.77	30	
1,4-Dichlorobenzene	17.96	2.0	20	0	89.8	75-125	18.57	3.34	30	
2,2-Dichloropropane	8.68	1.0	20	0	43.4	70-135	8.76	0.917	30	S
2-Butanone	11.9	5.0	20	0	59.5	30-150	11.43	4.03	30	
2-Chlorotoluene	18.02	2.0	20	0	90.1	75-125	18.59	3.11	30	
2-Hexanone	16.11	5.0	20	0	80.6	55-130	16.4	1.78	30	
4-Chlorotoluene	17.95	1.0	20	0	89.8	75-135	18.34	2.15	30	
4-Methyl-2-pentanone	21.84	5.0	20	0	109	60-135	22.7	3.86	30	
Acetone	21.91	20	20	0	110	40-140	20.26	7.83	30	
Acrylonitrile	16.62	1.0	20	0	83.1	70-135	16.72	0.6	30	
Benzene	19.11	1.0	20	0	95.6	80-120	19.75	3.29	30	
Bromobenzene	18.12	1.0	20	0	90.6	75-125	18.35	1.26	30	
Bromochloromethane	20.03	1.0	20	0	100	65-130	19.77	1.31	30	
Bromodichloromethane	18.73	1.0	20	0	93.6	75-120	19.1	1.96	30	
Bromoform	15.38	1.0	20	0	76.9	70-130	15.62	1.55	30	
Carbon disulfide	19.44	2.5	20	0	97.2	35-165	19.78	1.73	30	
Carbon tetrachloride	18.62	1.0	20	0	93.1	65-140	19.64	5.33	30	
Chlorobenzene	18.6	1.0	20	0	93	80-120	18.97	1.97	30	
Chloroethane	18.48	1.0	20	0	92.4	60-135	18.62	0.755	30	
Chloroform	18.85	1.0	20	0	94.2	65-135	19.2	1.84	30	
Chloromethane	15.04	1.0	20	0	75.2	70-125	14.33	4.83	30	
cis-1,2-Dichloroethene	18.54	1.0	20	0	92.7	70-125	18.61	0.377	30	
cis-1,3-Dichloropropene	16.86	1.0	20	0	84.3	70-130	16.94	0.473	30	
Dibromochloromethane	16.68	1.0	20	0	83.4	60-135	16.82	0.836	30	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104569
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R89343** Instrument ID **VMS6** Method: **SW8260**

Dibromomethane	17.44	1.0	20	0	87.2	75-125	17.7	1.48	30	
Dichlorodifluoromethane	11.82	1.0	20	0	59.1	30-155	12.58	6.23	30	
Ethylbenzene	18.65	1.0	20	0	93.2	75-125	19.15	2.65	30	
Hexachlorobutadiene	16.66	5.0	20	0	83.3	50-140	15.88	4.79	30	
Hexachloroethane	15.84	1.0	20	0	79.2	70-135	16.52	4.2	30	
Iodomethane	16.87	5.0	20	0	84.4	70-135	15.08	11.2	30	
Isopropylbenzene	17.71	1.0	20	0	88.6	75-125	18.38	3.71	30	
m,p-Xylene	36.98	2.0	40	0	92.4	75-130	38.16	3.14	30	
Methyl tert-butyl ether	18.77	5.0	20	0	93.8	65-125	18.86	0.478	30	
Methylene chloride	18.93	5.0	20	0	94.6	55-140	19.11	0.946	30	
n-Butylbenzene	17.23	1.0	20	0	86.2	70-135	17.53	1.73	30	
n-Propylbenzene	16.82	1.0	20	0	84.1	70-130	17.5	3.96	30	
Naphthalene	17.47	5.0	20	0	87.4	55-140	16.9	3.32	30	
o-Xylene	18.37	1.0	20	0	91.8	80-120	18.9	2.84	30	
p-Isopropyltoluene	16.99	2.0	20	0	85	75-130	17.68	3.98	30	
sec-Butylbenzene	17.3	2.0	20	0	86.5	70-125	17.89	3.35	30	
Styrene	16.84	1.0	20	0	84.2	65-135	17.3	2.69	30	
tert-Butylbenzene	18.39	2.0	20	0	92	70-130	19.08	3.68	30	
Tetrachloroethene	18.27	2.0	20	0	91.4	45-150	19.22	5.07	30	
Tetrahydrofuran	16.4	10	20	0	82	70-135	16.57	1.03	30	
Toluene	18.02	1.0	20	0	90.1	75-120	18.61	3.22	30	
trans-1,2-Dichloroethene	19.7	1.0	20	0	98.5	60-140	20.12	2.11	30	
trans-1,3-Dichloropropene	14.87	1.0	20	0	74.4	55-140	14.78	0.607	30	
trans-1,4-Dichloro-2-butene	11.33	5.0	20	0	56.6	70-135	11.13	1.78	30	S
Trichloroethene	18.73	1.0	20	0	93.6	70-125	19.36	3.31	30	
Trichlorofluoromethane	13.98	1.0	20	0	69.9	60-145	15.65	11.3	30	
Vinyl chloride	18.07	1.0	20	0	90.4	50-145	18.51	2.41	30	
Xylenes, Total	55.35	2.0	60	0	92.2	75-130	57.06	3.04	30	
Surr: 1,2-Dichloroethane-d4	*96.12*	0	*100*	0	*96.1*	*70-120*	98.99	*2.94*	*30*	
Surr: 4-Bromofluorobenzene	*103.1*	0	*100*	0	*103*	*75-120*	104.6	*1.46*	*30*	
Surr: Dibromofluoromethane	*99.47*	0	*100*	0	*99.5*	*85-115*	99.93	*0.461*	*30*	
Surr: Toluene-d8	*97.61*	0	*100*	0	*97.6*	*85-120*	99.55	*1.97*	*30*	

The following samples were analyzed in this batch: 1104569-04A 1104569-05A 1104569-08A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104569
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R89360A** Instrument ID **VMS6** Method: **SW8260**

MBLK Sample ID: **VBLKW1-110425-R89360A** Units: **µg/L** Analysis Date: **4/25/2011 01:33 PM**

Client ID: Run ID: **VMS6_110425A** SeqNo: **1609551** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2,4-Trimethylbenzene	ND	1.0								
m,p-Xylene	ND	2.0								
o-Xylene	ND	1.0								
p-Isopropyltoluene	ND	2.0								
Toluene	ND	1.0								
Xylenes, Total	ND	2.0								
Surr: 1,2-Dichloroethane-d4	*98.84*	0	*100*	0	*98.8*	*70-120*	0			
Surr: 4-Bromofluorobenzene	*97.96*	0	*100*	0	*98*	*75-120*	0			
Surr: Dibromofluoromethane	*100.7*	0	*100*	0	*101*	*85-115*	0			
Surr: Toluene-d8	*99.27*	0	*100*	0	*99.3*	*85-120*	0			

LCS Sample ID: **VLCSW1-110425-R89360A** Units: **µg/L** Analysis Date: **4/25/2011 12:10 PM**

Client ID: Run ID: **VMS6_110425A** SeqNo: **1609426** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2,4-Trimethylbenzene	18.68	1.0	20	0	93.4	75-130	0			
m,p-Xylene	39.21	2.0	40	0	98	75-130	0			
o-Xylene	19.53	1.0	20	0	97.6	80-120	0			
p-Isopropyltoluene	19.99	2.0	20	0	100	75-130	0			
Toluene	18.81	1.0	20	0	94	75-120	0			
Xylenes, Total	58.74	2.0	60	0	97.9	75-130	0			
Surr: 1,2-Dichloroethane-d4	*95.89*	0	*100*	0	*95.9*	*70-120*	0			
Surr: 4-Bromofluorobenzene	*98.73*	0	*100*	0	*98.7*	*75-120*	0			
Surr: Dibromofluoromethane	*100.6*	0	*100*	0	*101*	*85-115*	0			
Surr: Toluene-d8	*98.47*	0	*100*	0	*98.5*	*85-120*	0			

LCSD Sample ID: **VLCSDW1-110425-R89360A** Units: **µg/L** Analysis Date: **4/25/2011 12:35 PM**

Client ID: Run ID: **VMS6_110425A** SeqNo: **1609427** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2,4-Trimethylbenzene	18.8	1.0	20	0	94	75-130	18.68	0.64	30	
m,p-Xylene	40.14	2.0	40	0	100	75-130	39.21	2.34	30	
o-Xylene	19.86	1.0	20	0	99.3	80-120	19.53	1.68	30	
p-Isopropyltoluene	19.75	2.0	20	0	98.8	75-130	19.99	1.21	30	
Toluene	19.36	1.0	20	0	96.8	75-120	18.81	2.88	30	
Xylenes, Total	60	2.0	60	0	100	75-130	58.74	2.12	30	
Surr: 1,2-Dichloroethane-d4	*95.21*	0	*100*	0	*95.2*	*70-120*	95.89	*0.712*	*30*	
Surr: 4-Bromofluorobenzene	*99.99*	0	*100*	0	*100*	*75-120*	98.73	*1.27*	*30*	
Surr: Dibromofluoromethane	*100.4*	0	*100*	0	*100*	*85-115*	100.6	*0.259*	*30*	
Surr: Toluene-d8	*98.1*	0	*100*	0	*98.1*	*85-120*	98.47	*0.376*	*30*	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104569
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R89360A** Instrument ID **VMS6** Method: **SW8260**

MS Sample ID: **1104445-06A MS** Units: **µg/L** Analysis Date: **4/25/2011 11:02 PM**
Client ID: Run ID: **VMS6_110425A** SeqNo: **1610383** Prep Date: DF: **100**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2,4-Trimethylbenzene	1757	100	2000	0	87.8	75-130	0			
m,p-Xylene	3767	200	4000	0	94.2	75-130	0			
o-Xylene	1870	100	2000	0	93.5	80-120	0			
p-Isopropyltoluene	1699	200	2000	0	85	75-130	0			
Toluene	1811	100	2000	0	90.6	75-120	0			
Xylenes, Total	5637	200	6000	0	94	75-130	0			
Surr: 1,2-Dichloroethane-d4	*9930*	0	*10000*	0	*99.3*	*70-120*	0			
Surr: 4-Bromofluorobenzene	*10030*	0	*10000*	0	*100*	*75-120*	0			
Surr: Dibromofluoromethane	*10320*	0	*10000*	0	*103*	*85-115*	0			
Surr: Toluene-d8	*9800*	0	*10000*	0	*98*	*85-120*	0			

MSD Sample ID: **1104445-06A MSD** Units: **µg/L** Analysis Date: **4/25/2011 11:27 PM**
Client ID: Run ID: **VMS6_110425A** SeqNo: **1610384** Prep Date: DF: **100**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2,4-Trimethylbenzene	1759	100	2000	0	88	75-130	1757	0.114	30	
m,p-Xylene	3796	200	4000	0	94.9	75-130	3767	0.767	30	
o-Xylene	1876	100	2000	0	93.8	80-120	1870	0.32	30	
p-Isopropyltoluene	1700	200	2000	0	85	75-130	1699	0.0588	30	
Toluene	1837	100	2000	0	91.8	75-120	1811	1.43	30	
Xylenes, Total	5672	200	6000	0	94.5	75-130	5637	0.619	30	
Surr: 1,2-Dichloroethane-d4	*9790*	0	*10000*	0	*97.9*	*70-120*	9930	*1.42*	*30*	
Surr: 4-Bromofluorobenzene	*10060*	0	*10000*	0	*101*	*75-120*	10030	*0.259*	*30*	
Surr: Dibromofluoromethane	*10180*	0	*10000*	0	*102*	*85-115*	10320	*1.32*	*30*	
Surr: Toluene-d8	*9793*	0	*10000*	0	*97.9*	*85-120*	9800	*0.0715*	*30*	

The following samples were analyzed in this batch: 1104569-04A 1104569-05A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104569
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R89445A** Instrument ID **VMS9** Method: **SW8260**

MBLK Sample ID: **VBLKW2-110426-R89445A** Units: **µg/L** Analysis Date: **4/27/2011 05:25 AM**
Client ID: Run ID: **VMS9_110426B** SeqNo: **1611297** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
cis-1,2-Dichloroethene	ND	1.0								
Trichloroethene	ND	1.0								
1,2-Dichloroethene, Total	ND	2.0								
Surr: 1,2-Dichloroethane-d4	*94.94*	0	*100*	0	*94.9*	*70-120*	0			
Surr: 4-Bromofluorobenzene	*93.89*	0	*100*	0	*93.9*	*75-120*	0			
Surr: Dibromofluoromethane	*94.26*	0	*100*	0	*94.3*	*85-115*	0			
Surr: Toluene-d8	*101.8*	0	*100*	0	*102*	*85-120*	0			

LCS Sample ID: **VLCSW2-110426-R89445A** Units: **µg/L** Analysis Date: **4/27/2011 04:15 AM**
Client ID: Run ID: **VMS9_110426B** SeqNo: **1611295** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
cis-1,2-Dichloroethene	21.11	1.0	20	0	106	70-125	0			
Trichloroethene	20.8	1.0	20	0	104	70-125	0			
Surr: 1,2-Dichloroethane-d4	*95.43*	0	*100*	0	*95.4*	*70-120*	0			
Surr: 4-Bromofluorobenzene	*96.68*	0	*100*	0	*96.7*	*75-120*	0			
Surr: Dibromofluoromethane	*102.8*	0	*100*	0	*103*	*85-115*	0			
Surr: Toluene-d8	*101*	0	*100*	0	*101*	*85-120*	0			

LCSD Sample ID: **VLCSDW2-110426-R89445A** Units: **µg/L** Analysis Date: **4/27/2011 04:38 AM**
Client ID: Run ID: **VMS9_110426B** SeqNo: **1611296** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
cis-1,2-Dichloroethene	19.99	1.0	20	0	100	70-125	21.11	5.45	30	
Trichloroethene	19.9	1.0	20	0	99.5	70-125	20.8	4.42	30	
Surr: 1,2-Dichloroethane-d4	*95.98*	0	*100*	0	*96*	*70-120*	95.43	*0.575*	*30*	
Surr: 4-Bromofluorobenzene	*96.54*	0	*100*	0	*96.5*	*75-120*	96.68	*0.145*	*30*	
Surr: Dibromofluoromethane	*103*	0	*100*	0	*103*	*85-115*	102.8	*0.126*	*30*	
Surr: Toluene-d8	*100.6*	0	*100*	0	*101*	*85-120*	101	*0.456*	*30*	

MS Sample ID: **1104539-10A MS** Units: **µg/L** Analysis Date: **4/27/2011 01:33 PM**
Client ID: Run ID: **VMS9_110426B** SeqNo: **1611772** Prep Date: DF: **200**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
cis-1,2-Dichloroethene	3908	200	4000	0	97.7	70-125	0			
Trichloroethene	3938	200	4000	0	98.4	70-125	0			
Surr: 1,2-Dichloroethane-d4	*19300*	0	*20000*	0	*96.5*	*70-120*	0			
Surr: 4-Bromofluorobenzene	*19460*	0	*20000*	0	*97.3*	*75-120*	0			
Surr: Dibromofluoromethane	*20440*	0	*20000*	0	*102*	*85-115*	0			
Surr: Toluene-d8	*20210*	0	*20000*	0	*101*	*85-120*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104569
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R89445A** Instrument ID **VMS9** Method: **SW8260**

MSD Sample ID: **1104539-10A MSD** Units: **µg/L** Analysis Date: **4/27/2011 01:56 PM**

Client ID: Run ID: **VMS9_110426B** SeqNo: **1611773** Prep Date: DF: **200**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
cis-1,2-Dichloroethene	3932	200	4000	0	98.3	70-125	3908	0.612	30	
Trichloroethene	3938	200	4000	0	98.4	70-125	3938	0	30	
Surr: 1,2-Dichloroethane-d4	*19210*	0	*20000*	0	*96*	*70-120*	19300	*0.478*	*30*	
Surr: 4-Bromofluorobenzene	*19460*	0	*20000*	0	*97.3*	*75-120*	19460	*0*	*30*	
Surr: Dibromofluoromethane	*20390*	0	*20000*	0	*102*	*85-115*	20440	*0.265*	*30*	
Surr: Toluene-d8	*20170*	0	*20000*	0	*101*	*85-120*	20210	*0.188*	*30*	

The following samples were analyzed in this batch: 1104569-06A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104569
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R89446** Instrument ID **VMS6** Method: **SW8260**

MBLK Sample ID: **VBLKW2-110426-R89446** Units: **µg/L** Analysis Date: **4/27/2011 03:50 AM**
Client ID: Run ID: **VMS6_110426B** SeqNo: **1611303** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2-Butanone	ND	5.0								
Acetone	ND	20								
Chloroform	1.17	1.0								
Tetrahydrofuran	ND	10								
Surr: 1,2-Dichloroethane-d4	*101.5*	0	*100*	0	*101*	*70-120*	0			
Surr: 4-Bromofluorobenzene	*99.71*	0	*100*	0	*99.7*	*75-120*	0			
Surr: Dibromofluoromethane	*101.7*	0	*100*	0	*102*	*85-115*	0			
Surr: Toluene-d8	*94.89*	0	*100*	0	*94.9*	*85-120*	0			

LCS Sample ID: **VLCSW2-110426-R89446** Units: **µg/L** Analysis Date: **4/27/2011 02:32 AM**
Client ID: Run ID: **VMS6_110426B** SeqNo: **1611301** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2-Butanone	15.88	5.0	20	0	79.4	30-150	0			
Acetone	27.03	20	20	0	135	40-140	0			
Chloroform	22.61	1.0	20	0	113	65-135	0			B
Tetrahydrofuran	19.64	10	20	0	98.2	70-135	0			
Surr: 1,2-Dichloroethane-d4	*100.2*	0	*100*	0	*100*	*70-120*	0			
Surr: 4-Bromofluorobenzene	*102.1*	0	*100*	0	*102*	*75-120*	0			
Surr: Dibromofluoromethane	*101.4*	0	*100*	0	*101*	*85-115*	0			
Surr: Toluene-d8	*95.45*	0	*100*	0	*95.4*	*85-120*	0			

LCSD Sample ID: **VLCSDW2-110426-R89446** Units: **µg/L** Analysis Date: **4/27/2011 02:58 AM**
Client ID: Run ID: **VMS6_110426B** SeqNo: **1611302** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2-Butanone	18.1	5.0	20	0	90.5	30-150	15.88	13.1	30	
Acetone	26.62	20	20	0	133	40-140	27.03	1.53	30	
Chloroform	22.67	1.0	20	0	113	65-135	22.61	0.265	30	B
Tetrahydrofuran	19.97	10	20	0	99.8	70-135	19.64	1.67	30	
Surr: 1,2-Dichloroethane-d4	*101.8*	0	*100*	0	*102*	*70-120*	100.2	*1.55*	*30*	
Surr: 4-Bromofluorobenzene	*102.3*	0	*100*	0	*102*	*75-120*	102.1	*0.196*	*30*	
Surr: Dibromofluoromethane	*101.9*	0	*100*	0	*102*	*85-115*	101.4	*0.551*	*30*	
Surr: Toluene-d8	*95.85*	0	*100*	0	*95.8*	*85-120*	95.45	*0.418*	*30*	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104569
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R89446** Instrument ID **VMS6** Method: **SW8260**

MS Sample ID: **1104574-01A MS** Units: **µg/L** Analysis Date: **4/27/2011 12:18 PM**
Client ID: Run ID: **VMS6_110426B** SeqNo: **1611681** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2-Butanone	16.95	5.0	20	0	84.8	30-150	0			
Acetone	22.96	20	20	0	115	40-140	0			
Chloroform	22.17	1.0	20	0	111	65-135	0			B
Tetrahydrofuran	19.94	10	20	0	99.7	70-135	0			
Surr: 1,2-Dichloroethane-d4	*98.5*	0	*100*	0	*98.5*	*70-120*	0			
Surr: 4-Bromofluorobenzene	*101.8*	0	*100*	0	*102*	*75-120*	0			
Surr: Dibromofluoromethane	*100.2*	0	*100*	0	*100*	*85-115*	0			
Surr: Toluene-d8	*93.61*	0	*100*	0	*93.6*	*85-120*	0			

MSD Sample ID: **1104574-01A MSD** Units: **µg/L** Analysis Date: **4/27/2011 12:44 PM**
Client ID: Run ID: **VMS6_110426B** SeqNo: **1611682** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2-Butanone	13.84	5.0	20	0	69.2	30-150	16.95	20.2	30	
Acetone	23.25	20	20	0	116	40-140	22.96	1.26	30	
Chloroform	22.01	1.0	20	0	110	65-135	22.17	0.724	30	B
Tetrahydrofuran	18.54	10	20	0	92.7	70-135	19.94	7.28	30	
Surr: 1,2-Dichloroethane-d4	*98.61*	0	*100*	0	*98.6*	*70-120*	98.5	*0.112*	*30*	
Surr: 4-Bromofluorobenzene	*101.3*	0	*100*	0	*101*	*75-120*	101.8	*0.532*	*30*	
Surr: Dibromofluoromethane	*101.7*	0	*100*	0	*102*	*85-115*	100.2	*1.56*	*30*	
Surr: Toluene-d8	*92.46*	0	*100*	0	*92.5*	*85-120*	93.61	*1.24*	*30*	

The following samples were analyzed in this batch: 1104569-01A 1104569-02A 1104569-03A 1104569-06A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104569
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R89450** Instrument ID **VMS8** Method: **SW8260**

MBLK Sample ID: **VBLKW2-110426-R89450** Units: **µg/L** Analysis Date: **4/27/2011 03:42 AM**

Client ID: Run ID: **VMS8_110426A** SeqNo: **1611503** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	ND	1.0								
1,1,1-Trichloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
1,1,2-Trichlorotrifluoroethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,1-Dichloropropene	ND	1.0								
1,2,3-Trichlorobenzene	ND	3.0								
1,2,3-Trichloropropane	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,2,4-Trimethylbenzene	ND	1.0								
1,2-Dibromo-3-chloropropane	ND	1.0								
1,2-Dibromoethane	ND	1.0								
1,2-Dichlorobenzene	ND	1.0								
1,2-Dichloroethane	ND	1.0								
1,2-Dichloropropane	ND	2.0								
1,3,5-Trimethylbenzene	ND	1.0								
1,3-Dichlorobenzene	ND	2.0								
1,3-Dichloropropane	ND	1.0								
1,4-Dichlorobenzene	ND	2.0								
2,2-Dichloropropane	ND	1.0								
2-Chlorotoluene	ND	2.0								
2-Hexanone	ND	5.0								
2-Methylnaphthalene	ND	10								
4-Chlorotoluene	ND	1.0								
4-Methyl-2-pentanone	ND	5.0								
Acrylonitrile	ND	1.0								
Benzene	ND	1.0								
Bromobenzene	ND	1.0								
Bromochloromethane	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Carbon disulfide	ND	2.5								
Carbon tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	1.0								
Chloroform	0.21	1.0								J
Chloromethane	ND	1.0								
cis-1,2-Dichloroethene	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								
Dibromochloromethane	ND	1.0								

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104569
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R89450** Instrument ID **VMS8** Method: **SW8260**

Dibromomethane	ND	1.0						
Dichlorodifluoromethane	ND	1.0						
Diethyl ether	ND	10						
Diisopropyl ether	ND	5.0						
Ethyl tert butyl ether	ND	5.0						
Ethylbenzene	ND	1.0						
Hexachlorobutadiene	ND	5.0						
Hexachloroethane	ND	1.0						
Hexane	ND	5.0						
Iodomethane	ND	5.0						
Isopropylbenzene	ND	1.0						
m,p-Xylene	ND	2.0						
Methyl tert-butyl ether	ND	5.0						
Methylene chloride	ND	5.0						
n-Butylbenzene	ND	1.0						
n-Propylbenzene	ND	1.0						
Naphthalene	1.27	5.0						J
o-Xylene	ND	1.0						
p-Isopropyltoluene	ND	2.0						
sec-Butylbenzene	ND	2.0						
Styrene	ND	1.0						
tert-Butyl alcohol	ND	50						
tert-Butylbenzene	ND	2.0						
Tetrachloroethene	ND	2.0						
Toluene	ND	1.0						
trans-1,2-Dichloroethene	ND	1.0						
trans-1,3-Dichloropropene	ND	1.0						
trans-1,4-Dichloro-2-butene	ND	5.0						
Trichloroethene	ND	1.0						
Trichlorofluoromethane	ND	1.0						
Vinyl acetate	ND	1.0						
Vinyl chloride	ND	1.0						
1,2-Dichloroethene, Total	ND	2.0						
1,3-Dichloropropene, Total	ND	2.0						
Xylenes, Total	ND	2.0						
Surr: 1,2-Dichloroethane-d4	*100.2*	0	*100*	0	*100*	*70-120*	0	
Surr: 4-Bromofluorobenzene	*97.17*	0	*100*	0	*97.2*	*75-120*	0	
Surr: Dibromofluoromethane	*103.4*	0	*100*	0	*103*	*85-115*	0	
Surr: Toluene-d8	*98.98*	0	*100*	0	*99*	*85-120*	0	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104569
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R89450** Instrument ID **VMS8** Method: **SW8260**

LCS Sample ID: **VLCSW1-110426-R89450** Units: **µg/L** Analysis Date: **4/27/2011 02:21 AM**

Client ID: Run ID: **VMS8_110426A** SeqNo: **1611501** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	20.06	1.0	20	0	100	80-130	0			
1,1,1-Trichloroethane	20.63	1.0	20	0	103	65-130	0			
1,1,2,2-Tetrachloroethane	20.4	1.0	20	0	102	65-130	0			
1,1,2-Trichloroethane	22.07	1.0	20	0	110	75-125	0			
1,1-Dichloroethane	22.66	1.0	20	0	113	70-135	0			
1,1-Dichloroethene	24.31	1.0	20	0	122	70-130	0			
1,1-Dichloropropene	21.17	1.0	20	0	106	75-130	0			
1,2,3-Trichlorobenzene	23.73	3.0	20	0	119	55-140	0			
1,2,3-Trichloropropane	20.6	1.0	20	0	103	75-125	0			
1,2,4-Trichlorobenzene	21.17	1.0	20	0	106	65-135	0			
1,2,4-Trimethylbenzene	20.82	1.0	20	0	104	75-130	0			
1,2-Dibromo-3-chloropropane	20.81	1.0	20	0	104	50-130	0			
1,2-Dibromoethane	20.26	1.0	20	0	101	80-120	0			
1,2-Dichlorobenzene	22.94	1.0	20	0	115	70-120	0			
1,2-Dichloroethane	21.17	1.0	20	0	106	70-130	0			
1,2-Dichloropropane	20.4	2.0	20	0	102	75-125	0			
1,3,5-Trimethylbenzene	20.94	1.0	20	0	105	75-130	0			
1,3-Dichlorobenzene	22.57	2.0	20	0	113	75-125	0			
1,3-Dichloropropane	22.31	1.0	20	0	112	75-125	0			
1,4-Dichlorobenzene	22.43	2.0	20	0	112	75-125	0			
2,2-Dichloropropane	18.28	1.0	20	0	91.4	70-135	0			
2-Chlorotoluene	20.92	2.0	20	0	105	75-125	0			
2-Hexanone	20.76	5.0	20	0	104	55-130	0			
4-Chlorotoluene	21.1	1.0	20	0	106	75-135	0			
4-Methyl-2-pentanone	26.62	5.0	20	0	133	60-135	0			
Acrylonitrile	19.88	1.0	20	0	99.4	70-135	0			
Benzene	22.25	1.0	20	0	111	80-120	0			
Bromobenzene	22.33	1.0	20	0	112	75-125	0			
Bromochloromethane	20.42	1.0	20	0	102	65-130	0			
Bromodichloromethane	20.82	1.0	20	0	104	75-120	0			
Bromoform	21.73	1.0	20	0	109	70-130	0			
Carbon disulfide	25.57	2.5	20	0	128	35-165	0			
Carbon tetrachloride	19.95	1.0	20	0	99.8	65-140	0			
Chlorobenzene	22.18	1.0	20	0	111	80-120	0			
Chloroethane	21.31	1.0	20	0	107	60-135	0			
Chloroform	20.48	1.0	20	0	102	65-135	0			
Chloromethane	20.07	1.0	20	0	100	70-125	0			
cis-1,2-Dichloroethene	21.88	1.0	20	0	109	70-125	0			
cis-1,3-Dichloropropene	21.02	1.0	20	0	105	70-130	0			
Dibromochloromethane	21.45	1.0	20	0	107	60-135	0			
Dibromomethane	19.48	1.0	20	0	97.4	75-125	0			
Dichlorodifluoromethane	20.6	1.0	20	0	103	30-155	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104569
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R89450** Instrument ID **VMS8** Method: **SW8260**

Ethylbenzene	20.91	1.0	20	0	105	75-125	0
Hexachlorobutadiene	26.03	5.0	20	0	130	50-140	0
Hexachloroethane	22.47	1.0	20	0	112	70-135	0
Iodomethane	20.15	5.0	20	0	101	70-135	0
Isopropylbenzene	20.89	1.0	20	0	104	75-125	0
m,p-Xylene	42.44	2.0	40	0	106	75-130	0
Methyl tert-butyl ether	20.86	5.0	20	0	104	65-125	0
Methylene chloride	20.58	5.0	20	0	103	55-140	0
n-Butylbenzene	21.85	1.0	20	0	109	70-135	0
n-Propylbenzene	20.85	1.0	20	0	104	70-130	0
Naphthalene	23.3	5.0	20	0	116	55-140	0
o-Xylene	20.64	1.0	20	0	103	80-120	0
p-Isopropyltoluene	20.69	2.0	20	0	103	75-130	0
sec-Butylbenzene	21.16	2.0	20	0	106	70-125	0
Styrene	20.71	1.0	20	0	104	65-135	0
tert-Butylbenzene	21.05	2.0	20	0	105	70-130	0
Tetrachloroethene	23.48	2.0	20	0	117	45-150	0
Toluene	21.71	1.0	20	0	109	75-120	0
trans-1,2-Dichloroethene	23.27	1.0	20	0	116	60-140	0
trans-1,3-Dichloropropene	20.74	1.0	20	0	104	55-140	0
trans-1,4-Dichloro-2-butene	16.99	5.0	20	0	85	70-135	0
Trichloroethene	20.72	1.0	20	0	104	70-125	0
Trichlorofluoromethane	18.37	1.0	20	0	91.8	60-145	0
Vinyl chloride	21.84	1.0	20	0	109	50-145	0
Xylenes, Total	63.08	2.0	60	0	105	75-130	0
Surr: 1,2-Dichloroethane-d4	*97.49*	0	*100*	0	*97.5*	*70-120*	0
Surr: 4-Bromofluorobenzene	*100.2*	0	*100*	0	*100*	*75-120*	0
Surr: Dibromofluoromethane	*101.9*	0	*100*	0	*102*	*85-115*	0
Surr: Toluene-d8	*100.2*	0	*100*	0	*100*	*85-120*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104569
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R89450** Instrument ID **VMS8** Method: **SW8260**

LCSD Sample ID: **VLCSDW1-110426-R89450** Units: **µg/L** Analysis Date: **4/27/2011 02:48 AM**

Client ID: Run ID: **VMS8_110426A** SeqNo: **1611502** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	18.31	1.0	20	0	91.6	80-130	20.06	9.12	30	
1,1,1-Trichloroethane	18.83	1.0	20	0	94.2	65-130	20.63	9.12	30	
1,1,2,2-Tetrachloroethane	19	1.0	20	0	95	65-130	20.4	7.11	30	
1,1,2-Trichloroethane	20.71	1.0	20	0	104	75-125	22.07	6.36	30	
1,1-Dichloroethane	20.97	1.0	20	0	105	70-135	22.66	7.75	30	
1,1-Dichloroethene	21.98	1.0	20	0	110	70-130	24.31	10.1	30	
1,1-Dichloropropene	19.25	1.0	20	0	96.2	75-130	21.17	9.5	30	
1,2,3-Trichlorobenzene	20.98	3.0	20	0	105	55-140	23.73	12.3	30	
1,2,3-Trichloropropane	18.95	1.0	20	0	94.8	75-125	20.6	8.34	30	
1,2,4-Trichlorobenzene	18.67	1.0	20	0	93.4	65-135	21.17	12.6	30	
1,2,4-Trimethylbenzene	18.84	1.0	20	0	94.2	75-130	20.82	9.98	30	
1,2-Dibromo-3-chloropropane	19.42	1.0	20	0	97.1	50-130	20.81	6.91	30	
1,2-Dibromoethane	18.84	1.0	20	0	94.2	80-120	20.26	7.26	30	
1,2-Dichlorobenzene	20.7	1.0	20	0	104	70-120	22.94	10.3	30	
1,2-Dichloroethane	19.85	1.0	20	0	99.2	70-130	21.17	6.44	30	
1,2-Dichloropropane	18.88	2.0	20	0	94.4	75-125	20.4	7.74	30	
1,3,5-Trimethylbenzene	19.14	1.0	20	0	95.7	75-130	20.94	8.98	30	
1,3-Dichlorobenzene	20.48	2.0	20	0	102	75-125	22.57	9.71	30	
1,3-Dichloropropane	20.88	1.0	20	0	104	75-125	22.31	6.62	30	
1,4-Dichlorobenzene	20.43	2.0	20	0	102	75-125	22.43	9.33	30	
2,2-Dichloropropane	16.54	1.0	20	0	82.7	70-135	18.28	9.99	30	
2-Chlorotoluene	19.12	2.0	20	0	95.6	75-125	20.92	8.99	30	
2-Hexanone	19.43	5.0	20	0	97.2	55-130	20.76	6.62	30	
4-Chlorotoluene	19.29	1.0	20	0	96.4	75-135	21.1	8.96	30	
4-Methyl-2-pentanone	24.28	5.0	20	0	121	60-135	26.62	9.19	30	
Acrylonitrile	18.57	1.0	20	0	92.8	70-135	19.88	6.81	30	
Benzene	20.46	1.0	20	0	102	80-120	22.25	8.38	30	
Bromobenzene	20.5	1.0	20	0	102	75-125	22.33	8.55	30	
Bromochloromethane	18.89	1.0	20	0	94.4	65-130	20.42	7.78	30	
Bromodichloromethane	19.4	1.0	20	0	97	75-120	20.82	7.06	30	
Bromoform	20.2	1.0	20	0	101	70-130	21.73	7.3	30	
Carbon disulfide	22.86	2.5	20	0	114	35-165	25.57	11.2	30	
Carbon tetrachloride	18.23	1.0	20	0	91.2	65-140	19.95	9.01	30	
Chlorobenzene	20.4	1.0	20	0	102	80-120	22.18	8.36	30	
Chloroethane	18.61	1.0	20	0	93	60-135	21.31	13.5	30	
Chloroform	19.05	1.0	20	0	95.2	65-135	20.48	7.24	30	
Chloromethane	17.62	1.0	20	0	88.1	70-125	20.07	13	30	
cis-1,2-Dichloroethene	20.54	1.0	20	0	103	70-125	21.88	6.32	30	
cis-1,3-Dichloropropene	19.44	1.0	20	0	97.2	70-130	21.02	7.81	30	
Dibromochloromethane	19.96	1.0	20	0	99.8	60-135	21.45	7.2	30	
Dibromomethane	18.08	1.0	20	0	90.4	75-125	19.48	7.45	30	
Dichlorodifluoromethane	18.09	1.0	20	0	90.4	30-155	20.6	13	30	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104569
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R89450** Instrument ID **VMS8** Method: **SW8260**

Ethylbenzene	19.09	1.0	20	0	95.4	75-125	20.91	9.1	30
Hexachlorobutadiene	22.33	5.0	20	0	112	50-140	26.03	15.3	30
Hexachloroethane	19.88	1.0	20	0	99.4	70-135	22.47	12.2	30
Iodomethane	18.26	5.0	20	0	91.3	70-135	20.15	9.84	30
Isopropylbenzene	18.97	1.0	20	0	94.8	75-125	20.89	9.63	30
m,p-Xylene	38.59	2.0	40	0	96.5	75-130	42.44	9.5	30
Methyl tert-butyl ether	19.8	5.0	20	0	99	65-125	20.86	5.21	30
Methylene chloride	18.67	5.0	20	0	93.4	55-140	20.58	9.73	30
n-Butylbenzene	18.82	1.0	20	0	94.1	70-135	21.85	14.9	30
n-Propylbenzene	18.69	1.0	20	0	93.4	70-130	20.85	10.9	30
Naphthalene	20.64	5.0	20	0	103	55-140	23.3	12.1	30
o-Xylene	19.03	1.0	20	0	95.2	80-120	20.64	8.12	30
p-Isopropyltoluene	18.63	2.0	20	0	93.2	75-130	20.69	10.5	30
sec-Butylbenzene	19.15	2.0	20	0	95.8	70-125	21.16	9.97	30
Styrene	19.07	1.0	20	0	95.4	65-135	20.71	8.25	30
tert-Butylbenzene	19.4	2.0	20	0	97	70-130	21.05	8.16	30
Tetrachloroethene	20.94	2.0	20	0	105	45-150	23.48	11.4	30
Toluene	19.86	1.0	20	0	99.3	75-120	21.71	8.9	30
trans-1,2-Dichloroethene	21.51	1.0	20	0	108	60-140	23.27	7.86	30
trans-1,3-Dichloropropene	19.3	1.0	20	0	96.5	55-140	20.74	7.19	30
trans-1,4-Dichloro-2-butene	15.71	5.0	20	0	78.6	70-135	16.99	7.83	30
Trichloroethene	19.13	1.0	20	0	95.6	70-125	20.72	7.98	30
Trichlorofluoromethane	16.05	1.0	20	0	80.2	60-145	18.37	13.5	30
Vinyl chloride	19.49	1.0	20	0	97.4	50-145	21.84	11.4	30
Xylenes, Total	57.62	2.0	60	0	96	75-130	63.08	9.05	30
Surr: 1,2-Dichloroethane-d4	*98.02*	0	*100*	0	*98*	*70-120*	97.49	*0.542*	*30*
Surr: 4-Bromofluorobenzene	*100*	0	*100*	0	*100*	*75-120*	100.2	*0.0999*	*30*
Surr: Dibromofluoromethane	*101.8*	0	*100*	0	*102*	*85-115*	101.9	*0.147*	*30*
Surr: Toluene-d8	*100.3*	0	*100*	0	*100*	*85-120*	100.2	*0.19*	*30*

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104569
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R89450** Instrument ID **VMS8** Method: **SW8260**

MS Sample ID: **1104500-02A MS** Units: **µg/L** Analysis Date: **4/27/2011 11:48 AM**

Client ID: Run ID: **VMS8_110426A** SeqNo: **1611905** Prep Date: DF: **20**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	347.8	20	400	0	87	80-130	0			
1,1,1-Trichloroethane	347	20	400	0	86.8	65-130	0			
1,1,2,2-Tetrachloroethane	377	20	400	0	94.2	65-130	0			
1,1,2-Trichloroethane	414.4	20	400	0	104	75-125	0			
1,1-Dichloroethane	404.2	20	400	0	101	70-135	0			
1,1-Dichloroethene	404	20	400	0	101	70-130	0			
1,1-Dichloropropene	373.6	20	400	0	93.4	75-130	0			
1,2,3-Trichlorobenzene	312.6	60	400	0	78.2	55-140	0			
1,2,3-Trichloropropane	366	20	400	0	91.5	75-125	0			
1,2,4-Trichlorobenzene	286.8	20	400	0	71.7	65-135	0			
1,2,4-Trimethylbenzene	361.4	20	400	0	90.4	75-130	0			
1,2-Dibromo-3-chloropropane	365.6	20	400	0	91.4	50-130	0			
1,2-Dibromoethane	373.8	20	400	0	93.4	80-120	0			
1,2-Dichlorobenzene	369	20	400	0	92.2	70-120	0			
1,2-Dichloroethane	371.8	20	400	0	93	70-130	0			
1,2-Dichloropropane	379.4	40	400	0	94.8	75-125	0			
1,3,5-Trimethylbenzene	319.6	20	400	0	79.9	75-130	0			
1,3-Dichlorobenzene	357.4	40	400	0	89.4	75-125	0			
1,3-Dichloropropane	410.8	20	400	0	103	75-125	0			
1,4-Dichlorobenzene	357.4	40	400	0	89.4	75-125	0			
2,2-Dichloropropane	261.2	20	400	0	65.3	70-135	0			S
2-Chlorotoluene	331	40	400	0	82.8	75-125	0			
2-Hexanone	447.8	100	400	0	112	55-130	0			
4-Chlorotoluene	329.6	20	400	0	82.4	75-135	0			
4-Methyl-2-pentanone	518.6	100	400	0	130	60-135	0			
Acrylonitrile	343	20	400	0	85.8	70-135	0			
Benzene	422.4	20	400	4.4	104	80-120	0			
Bromobenzene	376.8	20	400	0	94.2	75-125	0			
Bromochloromethane	372	20	400	0	93	65-130	0			
Bromodichloromethane	359.2	20	400	0	89.8	75-120	0			
Bromoform	373.8	20	400	0	93.4	70-130	0			
Carbon disulfide	410.8	50	400	0	103	35-165	0			
Carbon tetrachloride	326	20	400	0	81.5	65-140	0			
Chlorobenzene	392.4	20	400	0	98.1	80-120	0			
Chloroethane	357	20	400	0	89.2	60-135	0			
Chloroform	358.8	20	400	0	89.7	65-135	0			
Chloromethane	330.8	20	400	0	82.7	70-125	0			
cis-1,2-Dichloroethene	397.2	20	400	0	99.3	70-125	0			
cis-1,3-Dichloropropene	367.8	20	400	0	92	70-130	0			
Dibromochloromethane	373.2	20	400	0	93.3	60-135	0			
Dibromomethane	354	20	400	0	88.5	75-125	0			
Dichlorodifluoromethane	371	20	400	0	92.8	30-155	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104569
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R89450** Instrument ID **VMS8** Method: **SW8260**

Ethylbenzene	356.4	20	400	0	89.1	75-125	0	
Hexachlorobutadiene	269.2	100	400	0	67.3	50-140	0	
Hexachloroethane	260	20	400	0	65	70-135	0	S
Iodomethane	369.6	100	400	0	92.4	70-135	0	
Isopropylbenzene	309.4	20	400	0	77.4	75-125	0	
m,p-Xylene	735.4	40	800	0	91.9	75-130	0	
Methyl tert-butyl ether	373.2	100	400	0	93.3	65-125	0	
Methylene chloride	412	100	400	0	103	55-140	0	
n-Butylbenzene	259.6	20	400	0	64.9	70-135	0	S
n-Propylbenzene	296	20	400	0	74	70-130	0	
Naphthalene	419	100	400	0	105	55-140	0	
o-Xylene	372.4	20	400	0	93.1	80-120	0	
p-Isopropyltoluene	264.4	40	400	0	66.1	75-130	0	S
sec-Butylbenzene	257	40	400	0	64.2	70-125	0	S
Styrene	350.6	20	400	0	87.6	65-135	0	
tert-Butylbenzene	270.8	40	400	0	67.7	70-130	0	S
Tetrachloroethene	370.4	40	400	0	92.6	45-150	0	
Toluene	437.2	20	400	0	109	75-120	0	
trans-1,2-Dichloroethene	399.2	20	400	0	99.8	60-140	0	
trans-1,3-Dichloropropene	365.6	20	400	0	91.4	55-140	0	
trans-1,4-Dichloro-2-butene	317.2	100	400	0	79.3	70-135	0	
Trichloroethene	371.8	20	400	0	93	70-125	0	
Trichlorofluoromethane	316	20	400	0	79	60-145	0	
Vinyl chloride	402	20	400	0	100	50-145	0	
Xylenes, Total	1108	40	1200	0	92.3	75-130	0	
Surr: 1,2-Dichloroethane-d4	*1777*	0	*2000*	0	*88.9*	*70-120*	0	
Surr: 4-Bromofluorobenzene	*1965*	0	*2000*	0	*98.3*	*75-120*	0	
Surr: Dibromofluoromethane	*1937*	0	*2000*	0	*96.9*	*85-115*	0	
Surr: Toluene-d8	*1989*	0	*2000*	0	*99.4*	*85-120*	0	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104569
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R89450** Instrument ID **VMS8** Method: **SW8260**

MSD Sample ID: **1104500-02A MSD** Units: **µg/L** Analysis Date: **4/27/2011 12:15 PM**

Client ID: Run ID: **VMS8_110426A** SeqNo: **1611906** Prep Date: DF: **20**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	346.4	20	400	0	86.6	80-130	347.8	0.403	30	
1,1,1-Trichloroethane	350.6	20	400	0	87.6	65-130	347	1.03	30	
1,1,2,2-Tetrachloroethane	391.4	20	400	0	97.8	65-130	377	3.75	30	
1,1,2-Trichloroethane	409.4	20	400	0	102	75-125	414.4	1.21	30	
1,1-Dichloroethane	410	20	400	0	102	70-135	404.2	1.42	30	
1,1-Dichloroethene	408.8	20	400	0	102	70-130	404	1.18	30	
1,1-Dichloropropene	364.6	20	400	0	91.2	75-130	373.6	2.44	30	
1,2,3-Trichlorobenzene	333.8	60	400	0	83.4	55-140	312.6	6.56	30	
1,2,3-Trichloropropane	386.6	20	400	0	96.6	75-125	366	5.47	30	
1,2,4-Trichlorobenzene	306.6	20	400	0	76.6	65-135	286.8	6.67	30	
1,2,4-Trimethylbenzene	356.6	20	400	0	89.2	75-130	361.4	1.34	30	
1,2-Dibromo-3-chloropropane	385.4	20	400	0	96.4	50-130	365.6	5.27	30	
1,2-Dibromoethane	383.6	20	400	0	95.9	80-120	373.8	2.59	30	
1,2-Dichlorobenzene	372.2	20	400	0	93	70-120	369	0.863	30	
1,2-Dichloroethane	370.8	20	400	0	92.7	70-130	371.8	0.269	30	
1,2-Dichloropropane	377.8	40	400	0	94.4	75-125	379.4	0.423	30	
1,3,5-Trimethylbenzene	319	20	400	0	79.8	75-130	319.6	0.188	30	
1,3-Dichlorobenzene	366	40	400	0	91.5	75-125	357.4	2.38	30	
1,3-Dichloropropane	415.6	20	400	0	104	75-125	410.8	1.16	30	
1,4-Dichlorobenzene	365.8	40	400	0	91.4	75-125	357.4	2.32	30	
2,2-Dichloropropane	265.6	20	400	0	66.4	70-135	261.2	1.67	30	S
2-Chlorotoluene	333.8	40	400	0	83.4	75-125	331	0.842	30	
2-Hexanone	468.2	100	400	0	117	55-130	447.8	4.45	30	
4-Chlorotoluene	331.6	20	400	0	82.9	75-135	329.6	0.605	30	
4-Methyl-2-pentanone	536.2	100	400	0	134	60-135	518.6	3.34	30	
Acrylonitrile	376.4	20	400	0	94.1	70-135	343	9.29	30	
Benzene	413.2	20	400	4.4	102	80-120	422.4	2.2	30	
Bromobenzene	380.8	20	400	0	95.2	75-125	376.8	1.06	30	
Bromochloromethane	377.6	20	400	0	94.4	65-130	372	1.49	30	
Bromodichloromethane	360.4	20	400	0	90.1	75-120	359.2	0.334	30	
Bromoform	379.8	20	400	0	95	70-130	373.8	1.59	30	
Carbon disulfide	415.8	50	400	0	104	35-165	410.8	1.21	30	
Carbon tetrachloride	326.8	20	400	0	81.7	65-140	326	0.245	30	
Chlorobenzene	391.6	20	400	0	97.9	80-120	392.4	0.204	30	
Chloroethane	359.2	20	400	0	89.8	60-135	357	0.614	30	
Chloroform	362.4	20	400	0	90.6	65-135	358.8	0.998	30	
Chloromethane	337	20	400	0	84.2	70-125	330.8	1.86	30	
cis-1,2-Dichloroethene	406.6	20	400	0	102	70-125	397.2	2.34	30	
cis-1,3-Dichloropropene	371	20	400	0	92.8	70-130	367.8	0.866	30	
Dibromochloromethane	375.8	20	400	0	94	60-135	373.2	0.694	30	
Dibromomethane	356.6	20	400	0	89.2	75-125	354	0.732	30	
Dichlorodifluoromethane	377	20	400	0	94.2	30-155	371	1.6	30	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104569
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R89450** Instrument ID **VMS8** Method: **SW8260**

Ethylbenzene	353.8	20	400	0	88.4	75-125	356.4	0.732	30	
Hexachlorobutadiene	302.4	100	400	0	75.6	50-140	269.2	11.6	30	
Hexachloroethane	270.2	20	400	0	67.6	70-135	260	3.85	30	S
Iodomethane	374.2	100	400	0	93.6	70-135	369.6	1.24	30	
Isopropylbenzene	312.4	20	400	0	78.1	75-125	309.4	0.965	30	
m,p-Xylene	722	40	800	0	90.2	75-130	735.4	1.84	30	
Methyl tert-butyl ether	385.6	100	400	0	96.4	65-125	373.2	3.27	30	
Methylene chloride	390	100	400	0	97.5	55-140	412	5.49	30	
n-Butylbenzene	274.2	20	400	0	68.6	70-135	259.6	5.47	30	S
n-Propylbenzene	300.4	20	400	0	75.1	70-130	296	1.48	30	
Naphthalene	402.6	100	400	0	101	55-140	419	3.99	30	
o-Xylene	365.8	20	400	0	91.4	80-120	372.4	1.79	30	
p-Isopropyltoluene	274.6	40	400	0	68.6	75-130	264.4	3.78	30	S
sec-Butylbenzene	268.6	40	400	0	67.2	70-125	257	4.41	30	S
Styrene	352.2	20	400	0	88	65-135	350.6	0.455	30	
tert-Butylbenzene	278.2	40	400	0	69.6	70-130	270.8	2.7	30	S
Tetrachloroethene	373.4	40	400	0	93.4	45-150	370.4	0.807	30	
Toluene	405.4	20	400	0	101	75-120	437.2	7.55	30	
trans-1,2-Dichloroethene	406.4	20	400	0	102	60-140	399.2	1.79	30	
trans-1,3-Dichloropropene	371.2	20	400	0	92.8	55-140	365.6	1.52	30	
trans-1,4-Dichloro-2-butene	325.2	100	400	0	81.3	70-135	317.2	2.49	30	
Trichloroethene	369	20	400	0	92.2	70-125	371.8	0.756	30	
Trichlorofluoromethane	322.6	20	400	0	80.6	60-145	316	2.07	30	
Vinyl chloride	399	20	400	0	99.8	50-145	402	0.749	30	
Xylenes, Total	1088	40	1200	0	90.6	75-130	1108	1.82	30	
Surr: 1,2-Dichloroethane-d4	*1790*	0	*2000*	0	*89.5*	*70-120*	1777	*0.695*	*30*	
Surr: 4-Bromofluorobenzene	*1958*	0	*2000*	0	*97.9*	*75-120*	1965	*0.347*	*30*	
Surr: Dibromofluoromethane	*1931*	0	*2000*	0	*96.6*	*85-115*	1937	*0.3*	*30*	
Surr: Toluene-d8	*1998*	0	*2000*	0	*99.9*	*85-120*	1989	*0.492*	*30*	

The following samples were analyzed in this batch: 1104569-01A 1104569-02A 1104569-03A 1104569-06A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104569
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R89353** Instrument ID **MOIST** Method: **A2540 G**

MBLK Sample ID: **WBLKS1-R89353** Units: **% of sample** Analysis Date: **4/22/2011 12:13 PM**
Client ID: Run ID: **MOIST_110422A** SeqNo: **1609201** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Moisture	ND	0.050								

LCS Sample ID: **LCS-R89353** Units: **% of sample** Analysis Date: **4/22/2011 12:13 PM**
Client ID: Run ID: **MOIST_110422A** SeqNo: **1609197** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Moisture	99.99	0.050	100	0	100	99.5-100.5	0			

DUP Sample ID: **1104561-03ADUP1** Units: **% of sample** Analysis Date: **4/22/2011 12:13 PM**
Client ID: Run ID: **MOIST_110422A** SeqNo: **1609177** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Moisture	51.77	0.050	0	0	0	0-0	52.2	0.827	20	

DUP Sample ID: **1104561-03ADUP2** Units: **% of sample** Analysis Date: **4/22/2011 12:13 PM**
Client ID: Run ID: **MOIST_110422A** SeqNo: **1609178** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Moisture	51.78	0.050	0	0	0	0-0	52.2	0.808	20	

DUP Sample ID: **1104569-06B DUP** Units: **% of sample** Analysis Date: **4/22/2011 12:13 PM**
Client ID: **RO-S-BD-1** Run ID: **MOIST_110422A** SeqNo: **1609187** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Moisture	16.51	0.050	0	0	0	0-0	15.67	5.22	20	

The following samples were analyzed in this batch:

1104569-01B	1104569-02B	1104569-03B
1104569-04B	1104569-05B	1104569-06B
1104569-07A		

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

☐ **ALS Environmental**
10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. +1 281 530 5656
Fax. +1 281 530 5887

Chain of Custody Form

Page ____ of ____

COC ID: 11140

☐ **ALS Environmental**
3352 128th Ave.
Holland, MI 49424-9263
Tel: +1 616 399 6070
Fax: +1 616 399 6185

ALS Project Manager:

ALS Work Order #: 1104569

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	Reclamation Oil	A	VOC'S
Work Order		Project Number		B	PCB's
Company Name	Horizon Environmental	Bill To Company	Horizon Environmental	C	LEAD
Send Report To	Bill Davidson	Invoice Attn	Accounts Payable	D	Arsenic
Address	4771 50th Street	Address	4771 50th Street	E	
				F	
City/State/Zip	Grand Rapids, MI 49512	City/State/Zip	Grand Rapids, MI 49512	G	
Phone	(616) 554-3210	Phone	(616) 554-3210	H	
Fax	(616) 554-3211	Fax	(616) 554-3211	I	
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	RO-S-US-33		1200	Soil	Methanol	3	X										X
2	RO-S-US-34		1210			3	X										X
3	RO-S-US-35		1215			3	X										X
4	RO-S-VS-36		1220			3	X	X	X	X							
5	~~RO-S-VS-36 Duplicate~~ RO-FD-VS-36	KH 4/29/11	1225			3	X	X	X	X							
6	RO-S-~~US-37~~ MSH BD-1		1330			3	X	X	X	X							X
7	RO-S-US-38		1235			1				X							
8	~~Field Blank~~	~~4-21-11~~	~~1110~~	~~Water~~	HCl ~~HNO_3~~	~~5~~	~~X~~	~~X~~	~~X~~	~~X~~	~~MSH~~						
9	~~Trip Blank~~ RO-MB-04	KH 4/29/11					X										
10																	

Sampler(s) Please Print & Sign: Mike Potter

Shipment Method:

Required Turnaround Time: (Check Box) ☐ Std 10 WK Days ☐ 5 WK Days ☐ 2 WK Days ☒ 24 Hour ☐ Other ____

Results Due Date:

Notes:

Relinquished by:	Date:	Time:	Received by:	Cooler ID	Cooler Temp.
Mike Potter	4-21-11	3 pm	[illegible]		
[illegible]	4/22/11		Received by (Laboratory): [illegible] 4/22/11 0730		4.4°C
Logged by (Laboratory): DCS	Date: 4/22/11	Time: 0800	Checked by (Laboratory):		

QC Package: (Check One Box Below)
☐ Level II Std QC
☐ Level III Std QC/Raw Data
☐ Level IV SW846/CLP
☐ Other ____
☐ TRRP Checklist
☐ TRRP Level IV

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
3. The Chain of Custody is a legal document. All information must be completed accurately.

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ALS Environmental
3352 128th Avenue
Holland, Michigan 49424
Tel. +1 616 399 6070
Fax. +1 616 399 6185

CUSTODY SEAL
Date: 4/21/11 Time:
Name: [illegible]
Company: [illegible]

Seal Broken By:
Date:

ALS Environmental
3352 128th Avenue
Holland, Michigan 49424
Tel. +1 616 399 6070
Fax. +1 616 399 6185

CUSTODY SEAL
Date: 4/21/11 Time:
Name: [illegible]
Company: [illegible]

Seal Broken By:
Date:

ALS Environmental
3352 128th Avenue
Holland, Michigan 49424
Tel. +1 616 399 6070
Fax. +1 616 399 6185

CUSTODY SEAL
Date: 4/21/11 Time:
Name: [illegible]
Company: [illegible]

Seal Broken By:
Date:

ALS Environmental
3352 128th Avenue
Holland, Michigan 49424
Tel. +1 616 399 6070
Fax. +1 616 399 6185

CUSTODY SEAL
Date: 4/21/11 Time:
Name: [illegible]
Company: [illegible]

Seal Broken By:
Date:

CITY TRANSFER COMPANY

ALS Environmental
3352 128th Avenue
Holland, Michigan 49424
Tel. +1 616 399 6070
Fax. +1 616 399 6185

CUSTODY SEAL
Date: 4/21/11 Time:
Name: [illegible]
Company:

Seal Broken By:
Date:

SERVICE	DECLARED VALUE $		WEIGHT LBS.	WEIGHT OZ.
AIR & GROUND COMBINED	ADD'L INSURANCE COST $			
CANCELLED CHECKS OR CASH LETTERS	PIECES 5	DESCRIPTION OF WHAT IS BEING SHIPPED (ENVELOPE)	300	
OTHER (LIST COMMODITIES) ➡				
SPECIAL INSTRUCTIONS ➡				

TOTAL $

☐ PREPAID ☐ BILL TO ACCT. ☐ C.O.D.

RECEIVED, Subject to rates and tariffs in effect on the date hereof.

PICKED UP BY	DATE	TIME
DRIVER: MD	4-21-11	A.M.
ROUTE #: 207		P.M. 70

RECEIVED BY	DATE	TIME
[illegible]	04/22/11	A.M.
ROUTE #: 903		P.M.

...ship... filed ...ys after ...cash letter shipments must be filed in writing within three (3) days after pickup. Claimant shall give total notice to carrier as soon as it becomes aware of a potential claim involving a "cash letter" shipment.

CARRIER SHALL NOT BE LIABLE FOR CONSEQUENTIAL DAMAGES.

...shipment above. In apparent good order, except as noted (contents and conditions of packages unknown), marked, consigned and destined as shown below, which said company agrees to carry to its usual place of delivery at said destination if within the ... at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein ... for himself and his assigns.

ALS Group USA, Corp

Sample Receipt Checklist

Client Name: **HORIZONENV-GR** Date/Time Received: **22-Apr-11 07:30**

Work Order: **1104569** Received by: **DS**

Checklist completed by Diane Shaw (eSignature) 22-Apr-11 (Date) Reviewed by: Joseph Ribar (eSignature) 25-Apr-11 (Date)

Matrices: Soil
Carrier name: City Transfer

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Temperature(s)/Thermometer(s):	4.4 c		
Cooler(s)/Kit(s):			
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑
pH adjusted?	Yes ☐	No ☐	N/A ☑
pH adjusted by:			

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction:

DATA VALIDATION REPORT

RECLAMATION OIL SITE
6472 SELKIRK STREET
DETROIT, MICHIGAN

Date: October 11, 2011
Laboratory: ALS Laboratory Group (ALS), Holland, Michigan
Laboratory Work Order #: 1110119
Data Validation Performed By: Karen Hathaway, Horizon Environmental Corp.

This data validation report has been prepared by Horizon Environmental Corporation on behalf of the Respondents to the Administrative Settlement Agreement and Order on Consent for Removal Action Docket No. V-W-10-C-955 (Settlement Agreement) entered into by the U.S. Environmental Protection Agency (U.S. EPA) and Respondents[1] with an effective date of September 30, 2010.

This report documents the data validation for two water samples, one field duplicate sample, one field blank and one trip blank collected from the Reclamation Oil Site that were analyzed for the following parameters by U.S. Environmental Protection Agency (U.S. EPA) method:

- Target Compound List (TCL) Volatile Organic Compounds (VOC) by SW-846 Method 8260.

The data validation was conducted for the laboratory report in general accordance with the "USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review" (June 2008; OSWER 9240.1-48). The Attachment contains the laboratory results summary sheets with the hand-written qualifiers, if any, applied during data validation.

VOCs BY SW-846 METHOD 8260B

1. Samples

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

[1] The Respondents consist of Univar USA Inc., SPX Corporation, BorgWarner Inc., and Ford Motor Company.

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
RO-GW-TMW-05R	1110119-01	Water	10/3/2011	10/7-8/2011
RO-GW-TMW-11R	1110119-02	Water	10/3/2011	10/6-7/2011
RO-FD-TMW-05R	1110119-03	Water	10/3/2011	10/7-8/2011
RO-FB-02	1110119-04	Water	10/3/2011	10/7/2011
RO-TB-04	1110119-05	Water	10/3/2011	10/7/2011

2. Holding Times

The samples were analyzed within the required holding time limit of 14 days from sample collection.

3. Blanks

Method blanks were analyzed with the samples for VOC analysis. The method blanks were free of target compound contamination above the RL.

The field blank (RO-FB-02) results were all non-detect at the RL. The trip blank (RO-TB-04) contained methylene chloride above the RL. However, because methylene chloride was not detected in any of the samples above the RL, no qualifications were applied to the data.

4. Surrogate Results

The surrogate recovery results were within the laboratory-established quality control (QC) limits.

5. Laboratory Control Sample (LCS) Results

The LCS percent recoveries were within laboratory-established control limits except for bromomethane in one LCS (but not the LCSD) which exceeded the upper control limit. The laboratory attributed this result to a sporadic marginal exceedance. Because bromomethane was not detected above the RL in any of the associated samples, no qualifications were applied to the data for this discrepancy.

6. Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Results

The MS and MSD percent recoveries for several compounds were outside laboratory-established control limits and the relative percent difference for one compound (trichlorofluoromethane) was outside the laboratory-established control limit. Detections of spiked compounds with percent recoveries below the lower acceptance limits were qualified as estimated ("J") and non-detections of spiked compounds with percent

recoveries below the lower acceptance limits were qualified as approximated ("UJ"). Detections of spiked compounds with percent recoveries above the upper acceptance limits were qualified as estimated ("J") and non-detections of spiked compounds with percent recoveries or an RPD above the upper acceptance limits were not qualified.

7. Field Duplicate Results

Sample RO-FD-TMW-05R is a duplicate of sample RO-GW-TMW-05R. The field duplicate exhibited good correlation with the investigative sample (i.e., duplicate water concentrations within +/- 35% of measured laboratory analytical results).

8. Overall Assessment

The VOC data are acceptable for use as qualified based on the information received.

ATTACHMENT

ALS LABORATORY GROUP
RESULTS SUMMARY WITH QUALIFIERS

ALS Environmental

11-Oct-2011

Bill Davidson
Horizon Environmental
4771 50th Street
Grand Rapids, MI 49512

Re: **Reclamation Oil (GSB-0101)** Work Order: **1110119**

Dear Bill,

ALS Environmental received 5 samples on 05-Oct-2011 07:30 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 41.

If you have any questions regarding this report, please feel free to contact me.

Sincerely,

Joseph Ribar

Electronically approved by: Joseph Ribar

Joseph Ribar
Project Manager

ACCREDITED IN ACCORDANCE WITH nelac
Certificate No: IL100452

ALS Group USA, Corp

Date: 11-Oct-11

Client: Horizon Environmental
Project: Reclamation Oil (GSB-0101)
Work Order: **1110119**

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
1110119-01	RO-GW-TMW-05R	Water		10/3/2011 15:43	10/5/2011 07:30	☐
1110119-02	RO-GW-TMW-11R	Water		10/3/2011 17:13	10/5/2011 07:30	☐
1110119-03	RO-FD-TMW-05R	Water		10/3/2011 15:43	10/5/2011 07:30	☐
1110119-04	RO-FB-02	Water		10/3/2011 17:35	10/5/2011 07:30	☐
1110119-05	RO-TB-04	Water		10/3/2011	10/5/2011 07:30	☐

Client: Horizon Environmental
Project: Reclamation Oil (GSB-0101)
Work Order: 1110119

Case Narrative

Sample Summary

The methylene chloride in the trip blank can be attributed to background laboratory levels due to routine analytical procedures or factors affecting the air handling system within the laboratory. This analyte is commonly found at low levels in the environmental samples and positive results should be considered as estimated. All samples were non-detect. No qualification is necessary for this analyte.

QC Summary

Volatile Organic Compounds

Batch R95697, Method 8260, Sample 1110119-02A MS: Multiple compounds out in MS/MSD due to high concentrations of target and not-target analytes in parent sample. Parent and MS/MSD already reran at dilution.

Batch R95697, Method 8260, Sample 1110119-02A MSD: The RPD between the MS and MSD was outside of the control limit. The corresponding result in the parent sample should be considered estimated for this analyte: Trichlorofluoromethane

Batch R95756, Method 8260, Sample VLCSDW2-111007: The LCSD recovery for Bromomethane exceeded the the upper control limit due to a sporadic marginal exceedance. No qualification is necessary for this analyte.

ALS Group USA, Corp

Date: 11-Oct-11

Client: Horizon Environmental
Project: Reclamation Oil (GSB-0101)
WorkOrder: **1110119**

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL

Acronym	Description
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference
SD	Serial Dilution
TDL	Target Detection Limit

Units Reported	Description
µg/L	Micrograms per Liter

ALS Group USA, Corp

Date: *11-Oct-11*

Client: Horizon Environmental
Project: Reclamation Oil (GSB-0101)
Sample ID: RO-GW-TMW-05R
Collection Date: 10/3/2011 03:43 PM

Work Order: 1110119
Lab ID: 1110119-01
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **CW**
1,1,1,2-Tetrachloroethane	ND		1.0	µg/L	1	10/8/2011 09:12 AM
1,1,1-Trichloroethane	ND		1.0	µg/L	1	10/8/2011 09:12 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	10/8/2011 09:12 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	10/8/2011 09:12 AM
1,1,2-Trichlorotrifluoroethane	ND		1.0	µg/L	1	10/8/2011 09:12 AM
1,1-Dichloroethane	**15**		**1.0**	**µg/L**	1	10/8/2011 09:12 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	10/8/2011 09:12 AM
1,1-Dichloropropene	ND		1.0	µg/L	1	10/8/2011 09:12 AM
1,2,3-Trichlorobenzene	ND		1.0	µg/L	1	10/8/2011 09:12 AM
1,2,3-Trichloropropane	ND		1.0	µg/L	1	10/8/2011 09:12 AM
1,2,4-Trichlorobenzene	ND		1.0	µg/L	1	10/8/2011 09:12 AM
1,2,4-Trimethylbenzene	**27**		**1.0**	**µg/L**	1	10/8/2011 09:12 AM
1,2-Dibromo-3-chloropropane	ND		1.0	µg/L	1	10/8/2011 09:12 AM
1,2-Dibromoethane	ND		1.0	µg/L	1	10/8/2011 09:12 AM
1,2-Dichlorobenzene	ND		1.0	µg/L	1	10/8/2011 09:12 AM
1,2-Dichloroethane	**2.5**		**1.0**	**µg/L**	1	10/8/2011 09:12 AM
1,2-Dichloropropane	**5.6**		**1.0**	**µg/L**	1	10/8/2011 09:12 AM
1,3,5-Trimethylbenzene	**11**		**1.0**	**µg/L**	1	10/8/2011 09:12 AM
1,3-Dichlorobenzene	ND		1.0	µg/L	1	10/8/2011 09:12 AM
1,3-Dichloropropane	ND		1.0	µg/L	1	10/8/2011 09:12 AM
1,4-Dichlorobenzene	ND		1.0	µg/L	1	10/8/2011 09:12 AM
2,2-Dichloropropane	ND	UJ	1.0	µg/L	1	10/8/2011 09:12 AM
2-Butanone	**7.1**		**5.0**	**µg/L**	1	10/8/2011 09:12 AM
2-Chloroethyl vinyl ether	ND		1.0	µg/L	1	10/7/2011 05:09 PM
2-Chlorotoluene	ND		1.0	µg/L	1	10/8/2011 09:12 AM
2-Hexanone	ND		5.0	µg/L	1	10/8/2011 09:12 AM
2-Methylnaphthalene	ND		5.0	µg/L	1	10/8/2011 09:12 AM
4-Chlorotoluene	ND		1.0	µg/L	1	10/8/2011 09:12 AM
4-Methyl-2-pentanone	ND		5.0	µg/L	1	10/8/2011 09:12 AM
Acetone	**41**		**10**	**µg/L**	1	10/8/2011 09:12 AM
Acrolein	ND		5.0	µg/L	1	10/8/2011 09:12 AM
Acrylonitrile	ND		1.0	µg/L	1	10/8/2011 09:12 AM
Benzene	**10**		**1.0**	**µg/L**	1	10/8/2011 09:12 AM
Bromobenzene	ND		1.0	µg/L	1	10/8/2011 09:12 AM
Bromochloromethane	ND		1.0	µg/L	1	10/8/2011 09:12 AM
Bromodichloromethane	ND		1.0	µg/L	1	10/8/2011 09:12 AM
Bromoform	ND		1.0	µg/L	.1	10/8/2011 09:12 AM
Bromomethane	ND		1.0	µg/L	1	10/8/2011 09:12 AM
Carbon disulfide	ND		2.5	µg/L	1	10/8/2011 09:12 AM

KB 10/14/11

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *11-Oct-11*

Client: Horizon Environmental
Project: Reclamation Oil (GSB-0101)
Sample ID: RO-GW-TMW-05R
Collection Date: 10/3/2011 03:43 PM

Work Order: 1110119
Lab ID: 1110119-01
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Carbon tetrachloride	ND		1.0	µg/L	1	10/8/2011 09:12 AM
Chlorobenzene	ND		1.0	µg/L	1	10/8/2011 09:12 AM
Chloroethane	ND		1.0	µg/L	1	10/8/2011 09:12 AM
Chloroform	ND		1.0	µg/L	1	10/8/2011 09:12 AM
Chloromethane	ND		1.0	µg/L	1	10/8/2011 09:12 AM
cis-1,2-Dichloroethene	**30**		**1.0**	**µg/L**	1	10/8/2011 09:12 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	10/8/2011 09:12 AM
Dibromochloromethane	ND		1.0	µg/L	1	10/8/2011 09:12 AM
Dibromomethane	ND		1.0	µg/L	1	10/8/2011 09:12 AM
Dichlorodifluoromethane	ND		1.0	µg/L	1	10/8/2011 09:12 AM
Diethyl ether	ND		10	µg/L	1	10/8/2011 09:12 AM
Diisopropyl ether	ND		5.0	µg/L	1	10/8/2011 09:12 AM
Ethylbenzene	**21**		**1.0**	**µg/L**	1	10/8/2011 09:12 AM
Hexachlorobutadiene	ND		5.0	µg/L	1	10/8/2011 09:12 AM
Hexachloroethane	ND		1.0	µg/L	1	10/8/2011 09:12 AM
Hexane	ND		5.0	µg/L	1	10/8/2011 09:12 AM
Iodomethane	ND		1.0	µg/L	1	10/8/2011 09:12 AM
Isopropylbenzene	**2.0**		**1.0**	**µg/L**	1	10/8/2011 09:12 AM
m,p-Xylene	**110**	J	**2.0**	**µg/L**	1	10/8/2011 09:12 AM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/8/2011 09:12 AM
Methylene chloride	ND		5.0	µg/L	1	10/8/2011 09:12 AM
Naphthalene	**21**		**5.0**	**µg/L**	1	10/8/2011 09:12 AM
n-Butylbenzene	ND		1.0	µg/L	1	10/8/2011 09:12 AM
n-Heptane	ND		5.0	µg/L	1	10/8/2011 09:12 AM
n-Propylbenzene	**2.3**		**1.0**	**µg/L**	1	10/8/2011 09:12 AM
o-Xylene	**61**	J	**1.0**	**µg/L**	1	10/8/2011 09:12 AM
p-Isopropyltoluene	**13**	J	**1.0**	**µg/L**	1	10/8/2011 09:12 AM
sec-Butylbenzene	ND		1.0	µg/L	1	10/8/2011 09:12 AM
Styrene	ND		1.0	µg/L	1	10/8/2011 09:12 AM
t-Butyl ethyl ether	ND		1.0	µg/L	1	10/8/2011 09:12 AM
tert-Butyl alcohol	ND		50	µg/L	1	10/8/2011 09:12 AM
tert-Butylbenzene	ND		1.0	µg/L	1	10/8/2011 09:12 AM
Tertiaryamylmethylether	ND		1.0	µg/L	1	10/8/2011 09:12 AM
Tetrachloroethene	ND		1.0	µg/L	1	10/8/2011 09:12 AM
Tetrahydrofuran	ND		20	µg/L	1	10/8/2011 09:12 AM
Toluene	**96**	J	**1.0**	**µg/L**	1	10/8/2011 09:12 AM
trans-1,2-Dichloroethene	**1.5**		**1.0**	**µg/L**	1	10/8/2011 09:12 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	10/8/2011 09:12 AM
trans-1,4-Dichloro-2-butene	ND		1.0	µg/L	1	10/8/2011 09:12 AM
Trichloroethene	**1.8**		**1.0**	**µg/L**	1	10/8/2011 09:12 AM

KA 10/11/11

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *11-Oct-11*

Client: Horizon Environmental
Project: Reclamation Oil (GSB-0101)
Sample ID: RO-GW-TMW-05R
Collection Date: 10/3/2011 03:43 PM

Work Order: 1110119
Lab ID: 1110119-01
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Trichlorofluoromethane	ND		1.0	µg/L	1	10/8/2011 09:12 AM
Vinyl acetate	ND		1.0	µg/L	1	10/8/2011 09:12 AM
Vinyl chloride	**10**		**1.0**	**µg/L**	1	10/8/2011 09:12 AM
1,2-Dichloroethene, Total	**31**		**2.0**	**µg/L**	1	10/8/2011 09:12 AM
1,3-Dichloropropene, Total	ND		1.0	µg/L	1	10/8/2011 09:12 AM
Xylenes, Total	**170**	J	**3.0**	**µg/L**	1	10/8/2011 09:12 AM
Surr: 1,2-Dichloroethane-d4	*103*		*70-120*	*%REC*	1	10/8/2011 09:12 AM
Surr: 1,2-Dichloroethane-d4	*87.4*		*70-120*	*%REC*	1	10/7/2011 05:09 PM
Surr: 4-Bromofluorobenzene	*100*		*75-120*	*%REC*	1	10/8/2011 09:12 AM
Surr: 4-Bromofluorobenzene	*102*		*75-120*	*%REC*	1	10/7/2011 05:09 PM
Surr: Dibromofluoromethane	*99.7*		*85-115*	*%REC*	1	10/8/2011 09:12 AM
Surr: Dibromofluoromethane	*92.4*		*85-115*	*%REC*	1	10/7/2011 05:09 PM
Surr: Toluene-d8	*91.3*		*85-120*	*%REC*	1	10/7/2011 05:09 PM
Surr: Toluene-d8	*98.7*		*85-120*	*%REC*	1	10/8/2011 09:12 AM

KH 10/11/11

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *11-Oct-11*

Client: Horizon Environmental
Project: Reclamation Oil (GSB-0101)
Sample ID: RO-GW-TMW-11R
Collection Date: 10/3/2011 05:13 PM

Work Order: 1110119
Lab ID: 1110119-02
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **BG**
1,1,1,2-Tetrachloroethane	ND		5.0	µg/L	5	10/7/2011 05:42 AM
1,1,1-Trichloroethane	ND		5.0	µg/L	5	10/7/2011 05:42 AM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	5	10/7/2011 05:42 AM
1,1,2-Trichloroethane	ND		5.0	µg/L	5	10/7/2011 05:42 AM
1,1,2-Trichlorotrifluoroethane	ND		5.0	µg/L	5	10/7/2011 05:42 AM
1,1-Dichloroethane	**100**		**5.0**	**µg/L**	5	10/7/2011 05:42 AM
1,1-Dichloroethene	ND		5.0	µg/L	5	10/7/2011 05:42 AM
1,1-Dichloropropene	ND		5.0	µg/L	5	10/7/2011 05:42 AM
1,2,3-Trichlorobenzene	ND		5.0	µg/L	5	10/7/2011 05:42 AM
1,2,3-Trichloropropane	ND		5.0	µg/L	5	10/7/2011 05:42 AM
1,2,4-Trichlorobenzene	ND		5.0	µg/L	5	10/7/2011 05:42 AM
1,2,4-Trimethylbenzene	**430**		**5.0**	**µg/L**	5	10/7/2011 05:42 AM
1,2-Dibromo-3-chloropropane	ND		5.0	µg/L	5	10/7/2011 05:42 AM
1,2-Dibromoethane	ND		5.0	µg/L	5	10/7/2011 05:42 AM
1,2-Dichlorobenzene	**5.2**		**5.0**	**µg/L**	5	10/7/2011 05:42 AM
1,2-Dichloroethane	**41**		**5.0**	**µg/L**	5	10/7/2011 05:42 AM
1,2-Dichloropropane	**70**		**5.0**	**µg/L**	5	10/7/2011 05:42 AM
1,3,5-Trimethylbenzene	**150**		**5.0**	**µg/L**	5	10/7/2011 05:42 AM
1,3-Dichlorobenzene	ND		5.0	µg/L	5	10/7/2011 05:42 AM
1,3-Dichloropropane	ND		5.0	µg/L	5	10/7/2011 05:42 AM
1,4-Dichlorobenzene	ND		5.0	µg/L	5	10/7/2011 05:42 AM
2,2-Dichloropropane	ND	UJ	5.0	µg/L	5	10/7/2011 05:42 AM
2-Butanone	ND		25	µg/L	5	10/7/2011 05:42 AM
2-Chloroethyl vinyl ether	ND		5.0	µg/L	5	10/7/2011 08:04 PM
2-Chlorotoluene	ND		5.0	µg/L	5	10/7/2011 05:42 AM
2-Hexanone	ND		25	µg/L	5	10/7/2011 05:42 AM
2-Methylnaphthalene	**220**		**25**	**µg/L**	5	10/7/2011 05:42 AM
4-Chlorotoluene	ND		5.0	µg/L	5	10/7/2011 05:42 AM
4-Methyl-2-pentanone	ND		25	µg/L	5	10/7/2011 05:42 AM
Acetone	**51**		**50**	**µg/L**	5	10/7/2011 05:42 AM
Acrolein	ND		25	µg/L	5	10/7/2011 05:42 AM
Acrylonitrile	ND		5.0	µg/L	5	10/7/2011 05:42 AM
Benzene	**150**		**5.0**	**µg/L**	5	10/7/2011 05:42 AM
Bromobenzene	ND		5.0	µg/L	5	10/7/2011 05:42 AM
Bromochloromethane	ND		5.0	µg/L	5	10/7/2011 05:42 AM
Bromodichloromethane	ND		5.0	µg/L	5	10/7/2011 05:42 AM
Bromoform	ND		5.0	µg/L	5	10/7/2011 05:42 AM
Bromomethane	ND		5.0	µg/L	5	10/7/2011 05:42 AM
Carbon disulfide	ND		12	µg/L	5	10/7/2011 05:42 AM

KB 10/14/11

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *11-Oct-11*

Client: Horizon Environmental
Project: Reclamation Oil (GSB-0101)
Sample ID: RO-GW-TMW-11R
Collection Date: 10/3/2011 05:13 PM

Work Order: 1110119
Lab ID: 1110119-02
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Carbon tetrachloride	ND		5.0	µg/L	5	10/7/2011 05:42 AM
Chlorobenzene	ND		5.0	µg/L	5	10/7/2011 05:42 AM
Chloroethane	ND		5.0	µg/L	5	10/7/2011 05:42 AM
Chloroform	ND		5.0	µg/L	5	10/7/2011 05:42 AM
Chloromethane	ND		5.0	µg/L	5	10/7/2011 05:42 AM
cis-1,2-Dichloroethene	**250**		**5.0**	**µg/L**	5	10/7/2011 05:42 AM
cis-1,3-Dichloropropene	ND		5.0	µg/L	5	10/7/2011 05:42 AM
Dibromochloromethane	ND		5.0	µg/L	5	10/7/2011 05:42 AM
Dibromomethane	ND		5.0	µg/L	5	10/7/2011 05:42 AM
Dichlorodifluoromethane	ND		5.0	µg/L	5	10/7/2011 05:42 AM
Diethyl ether	ND		50	µg/L	5	10/7/2011 05:42 AM
Diisopropyl ether	ND		25	µg/L	5	10/7/2011 05:42 AM
Ethylbenzene	**250**		**5.0**	**µg/L**	5	10/7/2011 05:42 AM
Hexachlorobutadiene	ND		25	µg/L	5	10/7/2011 05:42 AM
Hexachloroethane	ND		5.0	µg/L	5	10/7/2011 05:42 AM
Hexane	ND		25	µg/L	5	10/7/2011 05:42 AM
Iodomethane	ND		5.0	µg/L	5	10/7/2011 05:42 AM
Isopropylbenzene	**22**		**5.0**	**µg/L**	5	10/7/2011 05:42 AM
m,p-Xylene	**2,200**	J	**400**	**µg/L**	200	10/6/2011 06:15 AM
Methyl tert-butyl ether	ND		25	µg/L	5	10/7/2011 05:42 AM
Methylene chloride	ND		25	µg/L	5	10/7/2011 05:42 AM
Naphthalene	**460**		**25**	**µg/L**	5	10/7/2011 05:42 AM
n-Butylbenzene	ND		5.0	µg/L	5	10/7/2011 05:42 AM
n-Heptane	ND		25	µg/L	5	10/7/2011 05:42 AM
n-Propylbenzene	**28**		**5.0**	**µg/L**	5	10/7/2011 05:42 AM
o-Xylene	**880**	J	**200**	**µg/L**	200	10/6/2011 06:15 AM
p-Isopropyltoluene	**270**	J	**5.0**	**µg/L**	5	10/7/2011 05:42 AM
sec-Butylbenzene	**6.6**		**5.0**	**µg/L**	5	10/7/2011 05:42 AM
Styrene	ND		5.0	µg/L	5	10/7/2011 05:42 AM
t-Butyl ethyl ether	ND		5.0	µg/L	5	10/7/2011 05:42 AM
tert-Butyl alcohol	ND		250	µg/L	5	10/7/2011 05:42 AM
tert-Butylbenzene	ND		5.0	µg/L	5	10/7/2011 05:42 AM
Tertiaryamylmethylether	ND		5.0	µg/L	5	10/7/2011 05:42 AM
Tetrachloroethene	ND		5.0	µg/L	5	10/7/2011 05:42 AM
Tetrahydrofuran	ND		100	µg/L	5	10/7/2011 05:42 AM
Toluene	**1,300**	J	**200**	**µg/L**	200	10/6/2011 06:15 AM
trans-1,2-Dichloroethene	**6.7**		**5.0**	**µg/L**	5	10/7/2011 05:42 AM
trans-1,3-Dichloropropene	ND		5.0	µg/L	5	10/7/2011 05:42 AM
trans-1,4-Dichloro-2-butene	ND		5.0	µg/L	5	10/7/2011 05:42 AM
Trichloroethene	**7.2**		**5.0**	**µg/L**	5	10/7/2011 05:42 AM

KA 10/11/11

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *11-Oct-11*

Client: Horizon Environmental
Project: Reclamation Oil (GSB-0101)
Sample ID: RO-GW-TMW-11R
Collection Date: 10/3/2011 05:13 PM

Work Order: 1110119
Lab ID: 1110119-02
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Trichlorofluoromethane	ND		5.0	µg/L	5	10/7/2011 05:42 AM
Vinyl acetate	ND		5.0	µg/L	5	10/7/2011 05:42 AM
Vinyl chloride	**160**		**5.0**	**µg/L**	5	10/7/2011 05:42 AM
1,2-Dichloroethene, Total	**260**		**10**	**µg/L**	5	10/7/2011 05:42 AM
1,3-Dichloropropene, Total	ND		5.0	µg/L	5	10/7/2011 05:42 AM
Xylenes, Total	**3,100**	J	**600**	**µg/L**	200	10/6/2011 06:15 AM
Surr: 1,2-Dichloroethane-d4	*105*		*70-120*	*%REC*	5	10/7/2011 05:42 AM
Surr: 1,2-Dichloroethane-d4	*89.9*		*70-120*	*%REC*	5	10/7/2011 08:04 PM
Surr: 1,2-Dichloroethane-d4	*101*		*70-120*	*%REC*	200	10/6/2011 06:15 AM
Surr: 4-Bromofluorobenzene	*99.6*		*75-120*	*%REC*	200	10/6/2011 06:15 AM
Surr: 4-Bromofluorobenzene	*103*		*75-120*	*%REC*	5	10/7/2011 05:42 AM
Surr: 4-Bromofluorobenzene	*107*		*75-120*	*%REC*	5	10/7/2011 08:04 PM
Surr: Dibromofluoromethane	*99.4*		*85-115*	*%REC*	200	10/6/2011 06:15 AM
Surr: Dibromofluoromethane	*100*		*85-115*	*%REC*	5	10/7/2011 05:42 AM
Surr: Dibromofluoromethane	*92.8*		*85-115*	*%REC*	5	10/7/2011 08:04 PM
Surr: Toluene-d8	*92.2*		*85-120*	*%REC*	5	10/7/2011 08:04 PM
Surr: Toluene-d8	*100*		*85-120*	*%REC*	200	10/6/2011 06:15 AM
Surr: Toluene-d8	*95.8*		*85-120*	*%REC*	5	10/7/2011 05:42 AM

KB 10/11/11

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *11-Oct-11*

Client: Horizon Environmental
Project: Reclamation Oil (GSB-0101)
Sample ID: RO-FD-TMW-05R
Collection Date: 10/3/2011 03:43 PM

Work Order: 1110119
Lab ID: 1110119-03
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **CW**
1,1,1,2-Tetrachloroethane	ND		1.0	µg/L	1	10/8/2011 08:47 AM
1,1,1-Trichloroethane	ND		1.0	µg/L	1	10/8/2011 08:47 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	10/8/2011 08:47 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	10/8/2011 08:47 AM
1,1,2-Trichlorotrifluoroethane	ND		1.0	µg/L	1	10/8/2011 08:47 AM
1,1-Dichloroethane	**15**		**1.0**	**µg/L**	1	10/8/2011 08:47 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	10/8/2011 08:47 AM
1,1-Dichloropropene	ND		1.0	µg/L	1	10/8/2011 08:47 AM
1,2,3-Trichlorobenzene	ND		1.0	µg/L	1	10/8/2011 08:47 AM
1,2,3-Trichloropropane	ND		1.0	µg/L	1	10/8/2011 08:47 AM
1,2,4-Trichlorobenzene	ND		1.0	µg/L	1	10/8/2011 08:47 AM
1,2,4-Trimethylbenzene	**27**		**1.0**	**µg/L**	1	10/8/2011 08:47 AM
1,2-Dibromo-3-chloropropane	ND		1.0	µg/L	1	10/8/2011 08:47 AM
1,2-Dibromoethane	ND		1.0	µg/L	1	10/8/2011 08:47 AM
1,2-Dichlorobenzene	ND		1.0	µg/L	1	10/8/2011 08:47 AM
1,2-Dichloroethane	**2.5**		**1.0**	**µg/L**	1	10/8/2011 08:47 AM
1,2-Dichloropropane	**5.6**		**1.0**	**µg/L**	1	10/8/2011 08:47 AM
1,3,5-Trimethylbenzene	**10**		**1.0**	**µg/L**	1	10/8/2011 08:47 AM
1,3-Dichlorobenzene	ND		1.0	µg/L	1	10/8/2011 08:47 AM
1,3-Dichloropropane	ND		1.0	µg/L	1	10/8/2011 08:47 AM KA
1,4-Dichlorobenzene	ND		1.0	µg/L	1	10/8/2011 08:47 AM
2,2-Dichloropropane	ND	UJ	1.0	µg/L	1	10/8/2011 08:47 AM 10/11/11
2-Butanone	**6.5**		**5.0**	**µg/L**	1	10/8/2011 08:47 AM
2-Chloroethyl vinyl ether	ND		1.0	µg/L	1	10/7/2011 05:34 PM
2-Chlorotoluene	ND		1.0	µg/L	1	10/8/2011 08:47 AM
2-Hexanone	ND		5.0	µg/L	1	10/8/2011 08:47 AM
2-Methylnaphthalene	ND		5.0	µg/L	1	10/8/2011 08:47 AM
4-Chlorotoluene	ND		1.0	µg/L	1	10/8/2011 08:47 AM
4-Methyl-2-pentanone	ND		5.0	µg/L	1	10/8/2011 08:47 AM
Acetone	**39**		**10**	**µg/L**	1	10/8/2011 08:47 AM
Acrolein	ND		5.0	µg/L	1	10/8/2011 08:47 AM
Acrylonitrile	ND		1.0	µg/L	1	10/8/2011 08:47 AM
Benzene	**10**		**1.0**	**µg/L**	1	10/8/2011 08:47 AM
Bromobenzene	ND		1.0	µg/L	1	10/8/2011 08:47 AM
Bromochloromethane	ND		1.0	µg/L	1	10/8/2011 08:47 AM
Bromodichloromethane	ND		1.0	µg/L	1	10/8/2011 08:47 AM
Bromoform	ND		1.0	µg/L	1	10/8/2011 08:47 AM
Bromomethane	ND		1.0	µg/L	1	10/8/2011 08:47 AM
Carbon disulfide	ND		2.5	µg/L	1	10/8/2011 08:47 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *11-Oct-11*

Client: Horizon Environmental
Project: Reclamation Oil (GSB-0101)
Sample ID: RO-FD-TMW-05R
Collection Date: 10/3/2011 03:43 PM

Work Order: 1110119
Lab ID: 1110119-03
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Carbon tetrachloride	ND		1.0	µg/L	1	10/8/2011 08:47 AM
Chlorobenzene	ND		1.0	µg/L	1	10/8/2011 08:47 AM
Chloroethane	ND		1.0	µg/L	1	10/8/2011 08:47 AM
Chloroform	ND		1.0	µg/L	1	10/8/2011 08:47 AM
Chloromethane	ND		1.0	µg/L	1	10/8/2011 08:47 AM
cis-1,2-Dichloroethene	**29**		**1.0**	**µg/L**	1	10/8/2011 08:47 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	10/8/2011 08:47 AM
Dibromochloromethane	ND		1.0	µg/L	1	10/8/2011 08:47 AM
Dibromomethane	ND		1.0	µg/L	1	10/8/2011 08:47 AM
Dichlorodifluoromethane	ND		1.0	µg/L	1	10/8/2011 08:47 AM
Diethyl ether	ND		10	µg/L	1	10/8/2011 08:47 AM
Diisopropyl ether	ND		5.0	µg/L	1	10/8/2011 08:47 AM
Ethylbenzene	**20**		**1.0**	**µg/L**	1	10/8/2011 08:47 AM
Hexachlorobutadiene	ND		5.0	µg/L	1	10/8/2011 08:47 AM
Hexachloroethane	ND		1.0	µg/L	1	10/8/2011 08:47 AM
Hexane	ND		5.0	µg/L	1	10/8/2011 08:47 AM
Iodomethane	ND		1.0	µg/L	1	10/8/2011 08:47 AM
Isopropylbenzene	**2.0**		**1.0**	**µg/L**	1	10/8/2011 08:47 AM
m,p-Xylene	**110**	J	**2.0**	**µg/L**	1	10/8/2011 08:47 AM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/8/2011 08:47 AM
Methylene chloride	ND		5.0	µg/L	1	10/8/2011 08:47 AM
Naphthalene	**19**		**5.0**	**µg/L**	1	10/8/2011 08:47 AM
n-Butylbenzene	ND		1.0	µg/L	1	10/8/2011 08:47 AM
n-Heptane	ND		5.0	µg/L	1	10/8/2011 08:47 AM
n-Propylbenzene	**2.2**		**1.0**	**µg/L**	1	10/8/2011 08:47 AM
o-Xylene	**59**	J	**1.0**	**µg/L**	1	10/8/2011 08:47 AM
p-Isopropyltoluene	**13**	J	**1.0**	**µg/L**	1	10/8/2011 08:47 AM
sec-Butylbenzene	ND		1.0	µg/L	1	10/8/2011 08:47 AM
Styrene	ND		1.0	µg/L	1	10/8/2011 08:47 AM
t-Butyl ethyl ether	ND		1.0	µg/L	1	10/8/2011 08:47 AM
tert-Butyl alcohol	ND		50	µg/L	1	10/8/2011 08:47 AM
tert-Butylbenzene	ND		1.0	µg/L	1	10/8/2011 08:47 AM
Tertiaryamylmethylether	ND		1.0	µg/L	1	10/8/2011 08:47 AM
Tetrachloroethene	ND		1.0	µg/L	1	10/8/2011 08:47 AM
Tetrahydrofuran	ND		20	µg/L	1	10/8/2011 08:47 AM
Toluene	**95**	J	**1.0**	**µg/L**	1	10/8/2011 08:47 AM
trans-1,2-Dichloroethene	**1.5**		**1.0**	**µg/L**	1	10/8/2011 08:47 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	10/8/2011 08:47 AM
trans-1,4-Dichloro-2-butene	ND		1.0	µg/L	1	10/8/2011 08:47 AM
Trichloroethene	**1.7**		**1.0**	**µg/L**	1	10/8/2011 08:47 AM

RH 10/14/11

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *11-Oct-11*

Client: Horizon Environmental
Project: Reclamation Oil (GSB-0101)
Work Order: 1110119
Sample ID: RO-FD-TMW-05R
Lab ID: 1110119-03
Collection Date: 10/3/2011 03:43 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Trichlorofluoromethane	ND		1.0	µg/L	1	10/8/2011 08:47 AM
Vinyl acetate	ND		1.0	µg/L	1	10/8/2011 08:47 AM
Vinyl chloride	**9.9**		**1.0**	**µg/L**	1	10/8/2011 08:47 AM
1,2-Dichloroethene, Total	**31**		**2.0**	**µg/L**	1	10/8/2011 08:47 AM
1,3-Dichloropropene, Total	ND		1.0	µg/L	1	10/8/2011 08:47 AM
Xylenes, Total	**170**	J	**3.0**	**µg/L**	1	10/8/2011 08:47 AM
Surr: 1,2-Dichloroethane-d4	*103*		*70-120*	*%REC*	1	10/8/2011 08:47 AM
Surr: 1,2-Dichloroethane-d4	*88.1*		*70-120*	*%REC*	1	10/7/2011 05:34 PM
Surr: 4-Bromofluorobenzene	*102*		*75-120*	*%REC*	1	10/8/2011 08:47 AM
Surr: 4-Bromofluorobenzene	*101*		*75-120*	*%REC*	1	10/7/2011 05:34 PM
Surr: Dibromofluoromethane	*102*		*85-115*	*%REC*	1	10/8/2011 08:47 AM
Surr: Dibromofluoromethane	*92.5*		*85-115*	*%REC*	1	10/7/2011 05:34 PM
Surr: Toluene-d8	*91.0*		*85-120*	*%REC*	1	10/7/2011 05:34 PM
Surr: Toluene-d8	*98.6*		*85-120*	*%REC*	1	10/8/2011 08:47 AM

KA 10/11/11

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *11-Oct-11*

Client: Horizon Environmental
Project: Reclamation Oil (GSB-0101)
Sample ID: RO-FB-02
Collection Date: 10/3/2011 05:35 PM

Work Order: 1110119
Lab ID: 1110119-04
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **BG**
1,1,1,2-Tetrachloroethane	ND		1.0	µg/L	1	10/7/2011 05:18 AM
1,1,1-Trichloroethane	ND		1.0	µg/L	1	10/7/2011 05:18 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	10/7/2011 05:18 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	10/7/2011 05:18 AM
1,1,2-Trichlorotrifluoroethane	ND		1.0	µg/L	1	10/7/2011 05:18 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	10/7/2011 05:18 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	10/7/2011 05:18 AM
1,1-Dichloropropene	ND		1.0	µg/L	1	10/7/2011 05:18 AM
1,2,3-Trichlorobenzene	ND		1.0	µg/L	1	10/7/2011 05:18 AM
1,2,3-Trichloropropane	ND		1.0	µg/L	1	10/7/2011 05:18 AM
1,2,4-Trichlorobenzene	ND		1.0	µg/L	1	10/7/2011 05:18 AM
1,2,4-Trimethylbenzene	ND		1.0	µg/L	1	10/7/2011 05:18 AM
1,2-Dibromo-3-chloropropane	ND		1.0	µg/L	1	10/7/2011 05:18 AM
1,2-Dibromoethane	ND		1.0	µg/L	1	10/7/2011 05:18 AM
1,2-Dichlorobenzene	ND		1.0	µg/L	1	10/7/2011 05:18 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	10/7/2011 05:18 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	10/7/2011 05:18 AM
1,3,5-Trimethylbenzene	ND		1.0	µg/L	1	10/7/2011 05:18 AM
1,3-Dichlorobenzene	ND		1.0	µg/L	1	10/7/2011 05:18 AM
1,3-Dichloropropane	ND		1.0	µg/L	1	10/7/2011 05:18 AM
1,4-Dichlorobenzene	ND		1.0	µg/L	1	10/7/2011 05:18 AM
2,2-Dichloropropane	ND	UJ	1.0	µg/L	1	10/7/2011 05:18 AM
2-Butanone	ND		5.0	µg/L	1	10/7/2011 05:18 AM
2-Chloroethyl vinyl ether	ND		1.0	µg/L	1	10/7/2011 05:59 PM
2-Chlorotoluene	ND		1.0	µg/L	1	10/7/2011 05:18 AM
2-Hexanone	ND		5.0	µg/L	1	10/7/2011 05:18 AM
2-Methylnaphthalene	ND		5.0	µg/L	1	10/7/2011 05:18 AM
4-Chlorotoluene	ND		1.0	µg/L	1	10/7/2011 05:18 AM
4-Methyl-2-pentanone	ND		5.0	µg/L	1	10/7/2011 05:18 AM
Acetone	ND		10	µg/L	1	10/7/2011 05:18 AM
Acrolein	ND		5.0	µg/L	1	10/7/2011 05:18 AM
Acrylonitrile	ND		1.0	µg/L	1	10/7/2011 05:18 AM
Benzene	ND		1.0	µg/L	1	10/7/2011 05:18 AM
Bromobenzene	ND		1.0	µg/L	1	10/7/2011 05:18 AM
Bromochloromethane	ND		1.0	µg/L	1	10/7/2011 05:18 AM
Bromodichloromethane	ND		1.0	µg/L	1	10/7/2011 05:18 AM
Bromoform	ND		1.0	µg/L	1	10/7/2011 05:18 AM
Bromomethane	ND		1.0	µg/L	1	10/7/2011 05:18 AM
Carbon disulfide	ND		2.5	µg/L	1	10/7/2011 05:18 AM

KB 10/11/11

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *11-Oct-11*

Client: Horizon Environmental
Project: Reclamation Oil (GSB-0101)
Sample ID: RO-FB-02
Collection Date: 10/3/2011 05:35 PM

Work Order: 1110119
Lab ID: 1110119-04
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Carbon tetrachloride	ND		1.0	µg/L	1	10/7/2011 05:18 AM
Chlorobenzene	ND		1.0	µg/L	1	10/7/2011 05:18 AM
Chloroethane	ND		1.0	µg/L	1	10/7/2011 05:18 AM
Chloroform	ND		1.0	µg/L	1	10/7/2011 05:18 AM
Chloromethane	ND		1.0	µg/L	1	10/7/2011 05:18 AM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	10/7/2011 05:18 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	10/7/2011 05:18 AM
Dibromochloromethane	ND		1.0	µg/L	1	10/7/2011 05:18 AM
Dibromomethane	ND		1.0	µg/L	1	10/7/2011 05:18 AM
Dichlorodifluoromethane	ND		1.0	µg/L	1	10/7/2011 05:18 AM
Diethyl ether	ND		10	µg/L	1	10/7/2011 05:18 AM
Diisopropyl ether	ND		5.0	µg/L	1	10/7/2011 05:18 AM
Ethylbenzene	ND		1.0	µg/L	1	10/7/2011 05:18 AM
Hexachlorobutadiene	ND		5.0	µg/L	1	10/7/2011 05:18 AM
Hexachloroethane	ND		1.0	µg/L	1	10/7/2011 05:18 AM
Hexane	ND		5.0	µg/L	1	10/7/2011 05:18 AM
Iodomethane	ND		1.0	µg/L	1	10/7/2011 05:18 AM
Isopropylbenzene	ND		1.0	µg/L	1	10/7/2011 05:18 AM
m,p-Xylene	ND	UJ	2.0	µg/L	1	10/7/2011 05:18 AM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/7/2011 05:18 AM
Methylene chloride	ND		5.0	µg/L	1	10/7/2011 05:18 AM
Naphthalene	ND		5.0	µg/L	1	10/7/2011 05:18 AM
n-Butylbenzene	ND		1.0	µg/L	1	10/7/2011 05:18 AM
n-Heptane	ND		5.0	µg/L	1	10/7/2011 05:18 AM
n-Propylbenzene	ND		1.0	µg/L	1	10/7/2011 05:18 AM
o-Xylene	ND	UJ	1.0	µg/L	1	10/7/2011 05:18 AM
p-Isopropyltoluene	ND	UJ	1.0	µg/L	1	10/7/2011 05:18 AM
sec-Butylbenzene	ND		1.0	µg/L	1	10/7/2011 05:18 AM
Styrene	ND		1.0	µg/L	1	10/7/2011 05:18 AM
t-Butyl ethyl ether	ND		1.0	µg/L	1	10/7/2011 05:18 AM
tert-Butyl alcohol	ND		50	µg/L	1	10/7/2011 05:18 AM
tert-Butylbenzene	ND		1.0	µg/L	1	10/7/2011 05:18 AM
Tertiaryamylmethylether	ND		1.0	µg/L	1	10/7/2011 05:18 AM
Tetrachloroethene	ND		1.0	µg/L	1	10/7/2011 05:18 AM
Tetrahydrofuran	ND		20	µg/L	1	10/7/2011 05:18 AM
Toluene	ND	UJ	1.0	µg/L	1	10/7/2011 05:18 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	10/7/2011 05:18 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	10/7/2011 05:18 AM
trans-1,4-Dichloro-2-butene	ND		1.0	µg/L	1	10/7/2011 05:18 AM
Trichloroethene	ND		1.0	µg/L	1	10/7/2011 05:18 AM

KH 10/11/11

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *11-Oct-11*

Client: Horizon Environmental
Project: Reclamation Oil (GSB-0101)
Work Order: 1110119
Sample ID: RO-FB-02
Lab ID: 1110119-04
Collection Date: 10/3/2011 05:35 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Trichlorofluoromethane	ND		1.0	µg/L	1	10/7/2011 05:18 AM
Vinyl acetate	ND		1.0	µg/L	1	10/7/2011 05:18 AM
Vinyl chloride	ND		1.0	µg/L	1	10/7/2011 05:18 AM
1,2-Dichloroethene, Total	ND		2.0	µg/L	1	10/7/2011 05:18 AM
1,3-Dichloropropene, Total	ND		1.0	µg/L	1	10/7/2011 05:18 AM
Xylenes, Total	ND	U5	3.0	µg/L	1	10/7/2011 05:18 AM
Surr: 1,2-Dichloroethane-d4	*104*		*70-120*	*%REC*	1	10/7/2011 05:18 AM
Surr: 1,2-Dichloroethane-d4	*87.2*		*70-120*	*%REC*	1	10/7/2011 05:59 PM
Surr: 4-Bromofluorobenzene	*100*		*75-120*	*%REC*	1	10/7/2011 05:18 AM
Surr: 4-Bromofluorobenzene	*99.2*		*75-120*	*%REC*	1	10/7/2011 05:59 PM
Surr: Dibromofluoromethane	*102*		*85-115*	*%REC*	1	10/7/2011 05:18 AM
Surr: Dibromofluoromethane	*93.8*		*85-115*	*%REC*	1	10/7/2011 05:59 PM
Surr: Toluene-d8	*92.4*		*85-120*	*%REC*	1	10/7/2011 05:59 PM
Surr: Toluene-d8	*97.2*		*85-120*	*%REC*	1	10/7/2011 05:18 AM

KB 10/11/11

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *11-Oct-11*

Client: Horizon Environmental
Project: Reclamation Oil (GSB-0101)
Sample ID: RO-TB-04
Collection Date: 10/3/2011

Work Order: 1110119
Lab ID: 1110119-05
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **BG**
1,1,1,2-Tetrachloroethane	ND		1.0	µg/L	1	10/7/2011 04:53 AM
1,1,1-Trichloroethane	ND		1.0	µg/L	1	10/7/2011 04:53 AM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	10/7/2011 04:53 AM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	10/7/2011 04:53 AM
1,1,2-Trichlorotrifluoroethane	ND		1.0	µg/L	1	10/7/2011 04:53 AM
1,1-Dichloroethane	ND		1.0	µg/L	1	10/7/2011 04:53 AM
1,1-Dichloroethene	ND		1.0	µg/L	1	10/7/2011 04:53 AM
1,1-Dichloropropene	ND		1.0	µg/L	1	10/7/2011 04:53 AM
1,2,3-Trichlorobenzene	ND		1.0	µg/L	1	10/7/2011 04:53 AM
1,2,3-Trichloropropane	ND		1.0	µg/L	1	10/7/2011 04:53 AM
1,2,4-Trichlorobenzene	ND		1.0	µg/L	1	10/7/2011 04:53 AM
1,2,4-Trimethylbenzene	ND		1.0	µg/L	1	10/7/2011 04:53 AM
1,2-Dibromo-3-chloropropane	ND		1.0	µg/L	1	10/7/2011 04:53 AM
1,2-Dibromoethane	ND		1.0	µg/L	1	10/7/2011 04:53 AM
1,2-Dichlorobenzene	ND		1.0	µg/L	1	10/7/2011 04:53 AM
1,2-Dichloroethane	ND		1.0	µg/L	1	10/7/2011 04:53 AM
1,2-Dichloropropane	ND		1.0	µg/L	1	10/7/2011 04:53 AM
1,3,5-Trimethylbenzene	ND		1.0	µg/L	1	10/7/2011 04:53 AM
1,3-Dichlorobenzene	ND		1.0	µg/L	1	10/7/2011 04:53 AM
1,3-Dichloropropane	ND		1.0	µg/L	1	10/7/2011 04:53 AM
1,4-Dichlorobenzene	ND		1.0	µg/L	1	10/7/2011 04:53 AM
2,2-Dichloropropane	ND	UJ	1.0	µg/L	1	10/7/2011 04:53 AM
2-Butanone	ND		5.0	µg/L	1	10/7/2011 04:53 AM
2-Chloroethyl vinyl ether	ND		1.0	µg/L	1	10/7/2011 12:33 PM
2-Chlorotoluene	ND		1.0	µg/L	1	10/7/2011 04:53 AM
2-Hexanone	ND		5.0	µg/L	1	10/7/2011 04:53 AM
2-Methylnaphthalene	ND		5.0	µg/L	1	10/7/2011 04:53 AM
4-Chlorotoluene	ND		1.0	µg/L	1	10/7/2011 04:53 AM
4-Methyl-2-pentanone	ND		5.0	µg/L	1	10/7/2011 04:53 AM
Acetone	ND		10	µg/L	1	10/7/2011 04:53 AM
Acrolein	ND		5.0	µg/L	1	10/7/2011 04:53 AM
Acrylonitrile	ND		1.0	µg/L	1	10/7/2011 04:53 AM
Benzene	ND		1.0	µg/L	1	10/7/2011 04:53 AM
Bromobenzene	ND		1.0	µg/L	1	10/7/2011 04:53 AM
Bromochloromethane	ND		1.0	µg/L	1	10/7/2011 04:53 AM
Bromodichloromethane	ND		1.0	µg/L	1	10/7/2011 04:53 AM
Bromoform	ND		1.0	µg/L	1	10/7/2011 04:53 AM
Bromomethane	ND		1.0	µg/L	1	10/7/2011 04:53 AM
Carbon disulfide	ND		2.5	µg/L	1	10/7/2011 04:53 AM

KH 10/11/11

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *11-Oct-11*

Client: Horizon Environmental
Project: Reclamation Oil (GSB-0101)
Sample ID: RO-TB-04
Collection Date: 10/3/2011

Work Order: 1110119
Lab ID: 1110119-05
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Carbon tetrachloride	ND		1.0	µg/L	1	10/7/2011 04:53 AM
Chlorobenzene	ND		1.0	µg/L	1	10/7/2011 04:53 AM
Chloroethane	ND		1.0	µg/L	1	10/7/2011 04:53 AM
Chloroform	ND		1.0	µg/L	1	10/7/2011 04:53 AM
Chloromethane	ND		1.0	µg/L	1	10/7/2011 04:53 AM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	10/7/2011 04:53 AM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	10/7/2011 04:53 AM
Dibromochloromethane	ND		1.0	µg/L	1	10/7/2011 04:53 AM
Dibromomethane	ND		1.0	µg/L	1	10/7/2011 04:53 AM
Dichlorodifluoromethane	ND		1.0	µg/L	1	10/7/2011 04:53 AM
Diethyl ether	ND		10	µg/L	1	10/7/2011 04:53 AM
Diisopropyl ether	ND		5.0	µg/L	1	10/7/2011 04:53 AM
Ethylbenzene	ND		1.0	µg/L	1	10/7/2011 04:53 AM
Hexachlorobutadiene	ND		5.0	µg/L	1	10/7/2011 04:53 AM
Hexachloroethane	ND		1.0	µg/L	1	10/7/2011 04:53 AM
Hexane	ND		5.0	µg/L	1	10/7/2011 04:53 AM
Iodomethane	ND		1.0	µg/L	1	10/7/2011 04:53 AM
Isopropylbenzene	ND		1.0	µg/L	1	10/7/2011 04:53 AM
m,p-Xylene	ND	UJ	2.0	µg/L	1	10/7/2011 04:53 AM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/7/2011 04:53 AM
Methylene chloride	**6.3**		**5.0**	**µg/L**	1	10/7/2011 04:53 AM
Naphthalene	ND		5.0	µg/L	1	10/7/2011 04:53 AM
n-Butylbenzene	ND		1.0	µg/L	1	10/7/2011 04:53 AM
n-Heptane	ND		5.0	µg/L	1	10/7/2011 04:53 AM
n-Propylbenzene	ND		1.0	µg/L	1	10/7/2011 04:53 AM
o-Xylene	ND	UJ	1.0	µg/L	1	10/7/2011 04:53 AM
p-Isopropyltoluene	ND	UJ	1.0	µg/L	1	10/7/2011 04:53 AM
sec-Butylbenzene	ND		1.0	µg/L	1	10/7/2011 04:53 AM
Styrene	ND		1.0	µg/L	1	10/7/2011 04:53 AM
t-Butyl ethyl ether	ND		1.0	µg/L	1	10/7/2011 04:53 AM
tert-Butyl alcohol	ND		50	µg/L	1	10/7/2011 04:53 AM
tert-Butylbenzene	ND		1.0	µg/L	1	10/7/2011 04:53 AM
Tertiaryamylmethylether	ND		1.0	µg/L	1	10/7/2011 04:53 AM
Tetrachloroethene	ND		1.0	µg/L	1	10/7/2011 04:53 AM
Tetrahydrofuran	ND		20	µg/L	1	10/7/2011 04:53 AM
Toluene	ND	UJ	1.0	µg/L	1	10/7/2011 04:53 AM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	10/7/2011 04:53 AM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	10/7/2011 04:53 AM
trans-1,4-Dichloro-2-butene	ND		1.0	µg/L	1	10/7/2011 04:53 AM
Trichloroethene	ND		1.0	µg/L	1	10/7/2011 04:53 AM

KH 10/14/11

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *11-Oct-11*

Client: Horizon Environmental
Project: Reclamation Oil (GSB-0101)
Sample ID: RO-TB-04
Collection Date: 10/3/2011

Work Order: 1110119
Lab ID: 1110119-05
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Trichlorofluoromethane	ND		1.0	µg/L	1	10/7/2011 04:53 AM
Vinyl acetate	ND		1.0	µg/L	1	10/7/2011 04:53 AM
Vinyl chloride	ND		1.0	µg/L	1	10/7/2011 04:53 AM
1,2-Dichloroethene, Total	ND		2.0	µg/L	1	10/7/2011 04:53 AM
1,3-Dichloropropene, Total	ND		1.0	µg/L	1	10/7/2011 04:53 AM
Xylenes, Total	ND	UJ	3.0	µg/L	1	10/7/2011 04:53 AM
Surr: 1,2-Dichloroethane-d4	*102*		*70-120*	*%REC*	1	10/7/2011 04:53 AM
Surr: 1,2-Dichloroethane-d4	*88.8*		*70-120*	*%REC*	1	10/7/2011 12:33 PM
Surr: 4-Bromofluorobenzene	*98.5*		*75-120*	*%REC*	1	10/7/2011 04:53 AM
Surr: 4-Bromofluorobenzene	*99.8*		*75-120*	*%REC*	1	10/7/2011 12:33 PM
Surr: Dibromofluoromethane	*100*		*85-115*	*%REC*	1	10/7/2011 04:53 AM
Surr: Dibromofluoromethane	*94.3*		*85-115*	*%REC*	1	10/7/2011 12:33 PM
Surr: Toluene-d8	*93.0*		*85-120*	*%REC*	1	10/7/2011 12:33 PM
Surr: Toluene-d8	*97.4*		*85-120*	*%REC*	1	10/7/2011 04:53 AM

KA 10/11/11

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: 11-Oct-11

Client: Horizon Environmental
Work Order: 1110119
Project: Reclamation Oil (GSB-0101)

QC BATCH REPORT

Batch ID: **R95638** Instrument ID **VMS5** Method: **SW8260**

MBLK Sample ID: **VBLKW2-111005-R95638** Units: **µg/L** Analysis Date: **10/6/2011 03:19 AM**
Client ID: Run ID: **VMS5_111005B** SeqNo: **1762020** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
m,p-Xylene	ND	2.0								
o-Xylene	ND	1.0								
Toluene	ND	1.0								
Xylenes, Total	ND	3.0								
Surr: 1,2-Dichloroethane-d4	*98.67*	0	*100*	0	*98.7*	*70-120*	0			
Surr: 4-Bromofluorobenzene	*98.52*	0	*100*	0	*98.5*	*75-120*	0			
Surr: Dibromofluoromethane	*98.54*	0	*100*	0	*98.5*	*85-115*	0			
Surr: Toluene-d8	*99.81*	0	*100*	0	*99.8*	*85-120*	0			

LCS Sample ID: **VLCSW3-111005-R95638** Units: **µg/L** Analysis Date: **10/6/2011 02:03 AM**
Client ID: Run ID: **VMS5_111005B** SeqNo: **1762018** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
m,p-Xylene	46.14	2.0	40	0	115	75-130	0			
o-Xylene	22.87	1.0	20	0	114	80-120	0			
Toluene	22.09	1.0	20	0	110	75-120	0			
Xylenes, Total	69.01	3.0	60	0	115	75-130	0			
Surr: 1,2-Dichloroethane-d4	*97.67*	0	*100*	0	*97.7*	*70-120*	0			
Surr: 4-Bromofluorobenzene	*100.2*	0	*100*	0	*100*	*75-120*	0			
Surr: Dibromofluoromethane	*100.5*	0	*100*	0	*101*	*85-115*	0			
Surr: Toluene-d8	*98.44*	0	*100*	0	*98.4*	*85-120*	0			

LCSD Sample ID: **VLCSDW3-111005-R95638** Units: **µg/L** Analysis Date: **10/6/2011 02:28 AM**
Client ID: Run ID: **VMS5_111005B** SeqNo: **1762019** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
m,p-Xylene	45.01	2.0	40	0	113	75-130	46.14	2.48	30	
o-Xylene	21.95	1.0	20	0	110	80-120	22.87	4.11	30	
Toluene	21.42	1.0	20	0	107	75-120	22.09	3.08	30	
Xylenes, Total	66.96	3.0	60	0	112	75-130	69.01	3.02	30	
Surr: 1,2-Dichloroethane-d4	*98.12*	0	*100*	0	*98.1*	*70-120*	97.67	*0.46*	*30*	
Surr: 4-Bromofluorobenzene	*100.3*	0	*100*	0	*100*	*75-120*	100.2	*0.0698*	*30*	
Surr: Dibromofluoromethane	*100*	0	*100*	0	*100*	*85-115*	100.5	*0.519*	*30*	
Surr: Toluene-d8	*98.01*	0	*100*	0	*98*	*85-120*	98.44	*0.438*	*30*	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1110119
Project: Reclamation Oil (GSB-0101)

QC BATCH REPORT

Batch ID: **R95638** Instrument ID **VMS5** Method: **SW8260**

MS Sample ID: **1110119-02A MS** Units: **µg/L** Analysis Date: **10/6/2011 12:04 PM**
Client ID: **RO-GW-TMW-11R** Run ID: **VMS5_111005B** SeqNo: **1763068** Prep Date: DF: **200**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
m,p-Xylene	10790	400	8000	2200	107	75-130	0			
o-Xylene	5170	200	4000	878	107	80-120	0			
Toluene	5454	200	4000	1298	104	75-120	0			
Xylenes, Total	15960	600	12000	3078	107	75-130	0			
Surr: 1,2-Dichloroethane-d4	*19370*	0	*20000*	0	*96.8*	*70-120*	0			
Surr: 4-Bromofluorobenzene	*20020*	0	*20000*	0	*100*	*75-120*	0			
Surr: Dibromofluoromethane	*20370*	0	*20000*	0	*102*	*85-115*	0			
Surr: Toluene-d8	*19680*	0	*20000*	0	*98.4*	*85-120*	0			

MSD Sample ID: **1110119-02A MSD** Units: **µg/L** Analysis Date: **10/6/2011 12:30 PM**
Client ID: **RO-GW-TMW-11R** Run ID: **VMS5_111005B** SeqNo: **1763070** Prep Date: DF: **200**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
m,p-Xylene	10250	400	8000	2200	101	75-130	10790	5.17	30	
o-Xylene	4938	200	4000	878	102	80-120	5170	4.59	30	
Toluene	5214	200	4000	1298	97.9	75-120	5454	4.5	30	
Xylenes, Total	15180	600	12000	3078	101	75-130	15960	4.98	30	
Surr: 1,2-Dichloroethane-d4	*19310*	0	*20000*	0	*96.6*	*70-120*	19370	*0.29*	*30*	
Surr: 4-Bromofluorobenzene	*19980*	0	*20000*	0	*99.9*	*75-120*	20020	*0.2*	*30*	
Surr: Dibromofluoromethane	*20000*	0	*20000*	0	*100*	*85-115*	20370	*1.84*	*30*	
Surr: Toluene-d8	*19690*	0	*20000*	0	*98.4*	*85-120*	19680	*0.0508*	*30*	

The following samples were analyzed in this batch: 1110119-02A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1110119
Project: Reclamation Oil (GSB-0101)

QC BATCH REPORT

Batch ID: **R95697** Instrument ID **VMS6** Method: **SW8260**

MBLK Sample ID: **VBLKW2-111006-R95697** Units: **µg/L** Analysis Date: **10/7/2011 12:41 PM**
Client ID: Run ID: **VMS6_111006B** SeqNo: **1763694** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	ND	1.0								
1,1,1-Trichloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
1,1,2-Trichlorotrifluoroethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,1-Dichloropropene	ND	1.0								
1,2,3-Trichlorobenzene	ND	3.0								
1,2,3-Trichloropropane	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,2,4-Trimethylbenzene	ND	1.0								
1,2-Dibromo-3-chloropropane	ND	1.0								
1,2-Dibromoethane	ND	1.0								
1,2-Dichlorobenzene	ND	1.0								
1,2-Dichloroethane	ND	1.0								
1,2-Dichloropropane	ND	2.0								
1,3,5-Trimethylbenzene	ND	1.0								
1,3-Dichlorobenzene	ND	2.0								
1,3-Dichloropropane	ND	1.0								
1,4-Dichlorobenzene	ND	2.0								
2,2-Dichloropropane	ND	1.0								
2-Butanone	ND	5.0								
2-Chlorotoluene	ND	2.0								
2-Hexanone	ND	5.0								
2-Methylnaphthalene	ND	10								
4-Chlorotoluene	ND	1.0								
4-Methyl-2-pentanone	ND	5.0								
Acetone	ND	20								
Acrolein	ND	5.0								
Acrylonitrile	ND	1.0								
Benzene	ND	1.0								
Bromobenzene	ND	1.0								
Bromochloromethane	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	1.0								
Carbon disulfide	ND	2.5								
Carbon tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	1.0								
Chloroform	ND	1.0								

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1110119
Project: Reclamation Oil (GSB-0101)

QC BATCH REPORT

Batch ID: **R95697** Instrument ID **VMS6** Method: **SW8260**

Chloromethane	ND	1.0					
cis-1,2-Dichloroethene	ND	1.0					
cis-1,3-Dichloropropene	ND	1.0					
Dibromochloromethane	ND	1.0					
Dibromomethane	ND	1.0					
Dichlorodifluoromethane	ND	1.0					
Diethyl ether	ND	10					
Diisopropyl ether	ND	5.0					
Ethylbenzene	ND	1.0					
Hexachlorobutadiene	ND	5.0					
Hexachloroethane	ND	1.0					
Hexane	ND	5.0					
Iodomethane	ND	5.0					
Isopropylbenzene	ND	1.0					
m,p-Xylene	ND	2.0					
Methyl tert-butyl ether	ND	5.0					
Methylene chloride	ND	5.0					
Naphthalene	ND	5.0					
n-Butylbenzene	ND	1.0					
n-Heptane	ND	0					
n-Propylbenzene	ND	1.0					
o-Xylene	ND	1.0					
p-Isopropyltoluene	ND	2.0					
sec-Butylbenzene	ND	2.0					
Styrene	ND	1.0					
t-Butyl ethyl ether	ND	0					
tert-Butyl alcohol	ND	50					
tert-Butylbenzene	ND	2.0					
Tertiaryamylmethylether	ND	0					
Tetrachloroethene	ND	2.0					
Tetrahydrofuran	ND	10					
Toluene	ND	1.0					
trans-1,2-Dichloroethene	ND	1.0					
trans-1,3-Dichloropropene	ND	1.0					
trans-1,4-Dichloro-2-butene	ND	5.0					
Trichloroethene	ND	1.0					
Trichlorofluoromethane	ND	1.0					
Vinyl acetate	ND	1.0					
Vinyl chloride	ND	1.0					
1,2-Dichloroethene, Total	ND	2.0					
1,3-Dichloropropene, Total	ND	2.0					
Xylenes, Total	ND	3.0					
Surr: 1,2-Dichloroethane-d4	*98.91*	0	*100*	0	*98.9*	*70-120*	0
Surr: 4-Bromofluorobenzene	*97.18*	0	*100*	0	*97.2*	*75-120*	0
Surr: Dibromofluoromethane	*98.94*	0	*100*	0	*98.9*	*85-115*	0
Surr: Toluene-d8	*98.41*	0	*100*	0	*98.4*	*85-120*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1110119
Project: Reclamation Oil (GSB-0101)

QC BATCH REPORT

Batch ID: **R95697** Instrument ID **VMS6** Method: **SW8260**

LCS Sample ID: **VLCSW2-111006-R95697** Units: **µg/L** Analysis Date: **10/6/2011 11:27 PM**
Client ID: Run ID: **VMS6_111006B** SeqNo: **1763692** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	18.84	1.0	20	0	94.2	80-130	0			
1,1,1-Trichloroethane	20.1	1.0	20	0	100	65-130	0			
1,1,2,2-Tetrachloroethane	19.6	1.0	20	0	98	65-130	0			
1,1,2-Trichloroethane	19.22	1.0	20	0	96.1	75-125	0			
1,1-Dichloroethane	21.9	1.0	20	0	110	70-135	0			
1,1-Dichloroethene	22.82	1.0	20	0	114	70-130	0			
1,1-Dichloropropene	19.82	1.0	20	0	99.1	75-130	0			
1,2,3-Trichlorobenzene	17.81	3.0	20	0	89	55-140	0			
1,2,3-Trichloropropane	19.26	1.0	20	0	96.3	75-125	0			
1,2,4-Trichlorobenzene	18.07	1.0	20	0	90.4	65-135	0			
1,2,4-Trimethylbenzene	18.39	1.0	20	0	92	75-130	0			
1,2-Dibromo-3-chloropropane	20.47	1.0	20	0	102	50-130	0			
1,2-Dibromoethane	18.99	1.0	20	0	95	80-120	0			
1,2-Dichlorobenzene	20.09	1.0	20	0	100	70-120	0			
1,2-Dichloroethane	19.78	1.0	20	0	98.9	70-130	0			
1,2-Dichloropropane	21.29	2.0	20	0	106	75-125	0			
1,3,5-Trimethylbenzene	19.04	1.0	20	0	95.2	75-130	0			
1,3-Dichlorobenzene	19.87	2.0	20	0	99.4	75-125	0			
1,3-Dichloropropane	20.82	1.0	20	0	104	75-125	0			
1,4-Dichlorobenzene	20.02	2.0	20	0	100	75-125	0			
2,2-Dichloropropane	16.04	1.0	20	0	80.2	70-135	0			
2-Butanone	15.84	5.0	20	0	79.2	30-150	0			
2-Chlorotoluene	20.06	2.0	20	0	100	75-125	0			
2-Hexanone	19.35	5.0	20	0	96.8	55-130	0			
4-Chlorotoluene	20.05	1.0	20	0	100	75-135	0			
4-Methyl-2-pentanone	25.06	5.0	20	0	125	60-135	0			
Acetone	22.82	20	20	0	114	40-140	0			
Acrylonitrile	19.2	1.0	20	0	96	70-135	0			
Benzene	21.06	1.0	20	0	105	80-120	0			
Bromobenzene	19.58	1.0	20	0	97.9	75-125	0			
Bromochloromethane	21.07	1.0	20	0	105	65-130	0			
Bromodichloromethane	19.04	1.0	20	0	95.2	75-120	0			
Bromoform	19.87	1.0	20	0	99.4	70-130	0			
Bromomethane	23.88	1.0	20	0	119	30-145	0			
Carbon disulfide	22.12	2.5	20	0	111	35-165	0			
Carbon tetrachloride	18.68	1.0	20	0	93.4	65-140	0			
Chlorobenzene	20.05	1.0	20	0	100	80-120	0			
Chloroethane	20.04	1.0	20	0	100	60-135	0			
Chloroform	20.41	1.0	20	0	102	65-135	0			
Chloromethane	19.25	1.0	20	0	96.2	70-125	0			
cis-1,2-Dichloroethene	21.61	1.0	20	0	108	70-125	0			
cis-1,3-Dichloropropene	18.78	1.0	20	0	93.9	70-130	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1110119
Project: Reclamation Oil (GSB-0101)

QC BATCH REPORT

Batch ID: **R95697** Instrument ID **VMS6** Method: **SW8260**

Dibromochloromethane	18.24	1.0	20	0	91.2	60-135	0
Dibromomethane	19.07	1.0	20	0	95.4	75-125	0
Dichlorodifluoromethane	18.46	1.0	20	0	92.3	30-155	0
Ethylbenzene	19.54	1.0	20	0	97.7	75-125	0
Hexachlorobutadiene	21.27	5.0	20	0	106	50-140	0
Hexachloroethane	19.84	1.0	20	0	99.2	70-135	0
Iodomethane	20.72	5.0	20	0	104	70-135	0
Isopropylbenzene	19.53	1.0	20	0	97.6	75-125	0
m,p-Xylene	39.33	2.0	40	0	98.3	75-130	0
Methyl tert-butyl ether	21.36	5.0	20	0	107	65-125	0
Methylene chloride	21.19	5.0	20	0	106	55-140	0
Naphthalene	17.97	5.0	20	0	89.8	55-140	0
n-Butylbenzene	19.07	1.0	20	0	95.4	70-135	0
n-Propylbenzene	19.28	1.0	20	0	96.4	70-130	0
o-Xylene	19.62	1.0	20	0	98.1	80-120	0
p-Isopropyltoluene	18.94	2.0	20	0	94.7	75-130	0
sec-Butylbenzene	20.5	2.0	20	0	102	70-125	0
Styrene	19.2	1.0	20	0	96	65-135	0
tert-Butylbenzene	20.43	2.0	20	0	102	70-130	0
Tetrachloroethene	20.62	2.0	20	0	103	45-150	0
Tetrahydrofuran	19.13	10	20	0	95.6	70-135	0
Toluene	20.31	1.0	20	0	102	75-120	0
trans-1,2-Dichloroethene	22.47	1.0	20	0	112	60-140	0
trans-1,3-Dichloropropene	17.99	1.0	20	0	90	55-140	0
trans-1,4-Dichloro-2-butene	18.28	5.0	20	0	91.4	70-135	0
Trichloroethene	21.47	1.0	20	0	107	70-125	0
Trichlorofluoromethane	16.4	1.0	20	0	82	60-145	0
Vinyl chloride	20.51	1.0	20	0	103	50-145	0
Xylenes, Total	58.95	3.0	60	0	98.2	75-130	0
Surr: 1,2-Dichloroethane-d4	*97.25*	0	*100*	0	*97.2*	*70-120*	0
Surr: 4-Bromofluorobenzene	*101.9*	0	*100*	0	*102*	*75-120*	0
Surr: Dibromofluoromethane	*99.84*	0	*100*	0	*99.8*	*85-115*	0
Surr: Toluene-d8	*99.04*	0	*100*	0	*99*	*85-120*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1110119
Project: Reclamation Oil (GSB-0101)

QC BATCH REPORT

Batch ID: **R95697** Instrument ID **VMS6** Method: **SW8260**

LCSD Sample ID: **VLCSDW2-111006-R95697** Units: **µg/L** Analysis Date: **10/6/2011 11:52 PM**
Client ID: Run ID: **VMS6_111006B** SeqNo: **1763693** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	18.26	1.0	20	0	91.3	80-130	18.84	3.13	30	
1,1,1-Trichloroethane	18.75	1.0	20	0	93.8	65-130	20.1	6.95	30	
1,1,2,2-Tetrachloroethane	19.54	1.0	20	0	97.7	65-130	19.6	0.307	30	
1,1,2-Trichloroethane	19.15	1.0	20	0	95.8	75-125	19.22	0.365	30	
1,1-Dichloroethane	21.04	1.0	20	0	105	70-135	21.9	4.01	30	
1,1-Dichloroethene	21.54	1.0	20	0	108	70-130	22.82	5.77	30	
1,1-Dichloropropene	18.57	1.0	20	0	92.8	75-130	19.82	6.51	30	
1,2,3-Trichlorobenzene	16.31	3.0	20	0	81.6	55-140	17.81	8.79	30	
1,2,3-Trichloropropane	19.24	1.0	20	0	96.2	75-125	19.26	0.104	30	
1,2,4-Trichlorobenzene	16.35	1.0	20	0	81.8	65-135	18.07	9.99	30	
1,2,4-Trimethylbenzene	17.16	1.0	20	0	85.8	75-130	18.39	6.92	30	
1,2-Dibromo-3-chloropropane	20.02	1.0	20	0	100	50-130	20.47	2.22	30	
1,2-Dibromoethane	19.14	1.0	20	0	95.7	80-120	18.99	0.787	30	
1,2-Dichlorobenzene	18.68	1.0	20	0	93.4	70-120	20.09	7.27	30	
1,2-Dichloroethane	19.59	1.0	20	0	98	70-130	19.78	0.965	30	
1,2-Dichloropropane	20.28	2.0	20	0	101	75-125	21.29	4.86	30	
1,3,5-Trimethylbenzene	17.45	1.0	20	0	87.2	75-130	19.04	8.71	30	
1,3-Dichlorobenzene	18.58	2.0	20	0	92.9	75-125	19.87	6.71	30	
1,3-Dichloropropane	20.14	1.0	20	0	101	75-125	20.82	3.32	30	
1,4-Dichlorobenzene	18.97	2.0	20	0	94.8	75-125	20.02	5.39	30	
2,2-Dichloropropane	15.97	1.0	20	0	79.8	70-135	16.04	0.437	30	
2-Butanone	16.39	5.0	20	0	82	30-150	15.84	3.41	30	
2-Chlorotoluene	19.01	2.0	20	0	95	75-125	20.06	5.37	30	
2-Hexanone	20.12	5.0	20	0	101	55-130	19.35	3.9	30	
4-Chlorotoluene	18.78	1.0	20	0	93.9	75-135	20.05	6.54	30	
4-Methyl-2-pentanone	26.55	5.0	20	0	133	60-135	25.06	5.77	30	
Acetone	23.93	20	20	0	120	40-140	22.82	4.75	30	
Acrylonitrile	20.37	1.0	20	0	102	70-135	19.2	5.91	30	
Benzene	20.09	1.0	20	0	100	80-120	21.06	4.71	30	
Bromobenzene	18.57	1.0	20	0	92.8	75-125	19.58	5.29	30	
Bromochloromethane	20.75	1.0	20	0	104	65-130	21.07	1.53	30	
Bromodichloromethane	18.22	1.0	20	0	91.1	75-120	19.04	4.4	30	
Bromoform	20.01	1.0	20	0	100	70-130	19.87	0.702	30	
Bromomethane	23.04	1.0	20	0	115	30-145	23.88	3.58	30	
Carbon disulfide	20.72	2.5	20	0	104	35-165	22.12	6.54	30	
Carbon tetrachloride	17.45	1.0	20	0	87.2	65-140	18.68	6.81	30	
Chlorobenzene	19.15	1.0	20	0	95.8	80-120	20.05	4.59	30	
Chloroethane	18.73	1.0	20	0	93.6	60-135	20.04	6.76	30	
Chloroform	19.65	1.0	20	0	98.2	65-135	20.41	3.79	30	
Chloromethane	19.49	1.0	20	0	97.4	70-125	19.25	1.24	30	
cis-1,2-Dichloroethene	20.77	1.0	20	0	104	70-125	21.61	3.96	30	
cis-1,3-Dichloropropene	18.31	1.0	20	0	91.6	70-130	18.78	2.53	30	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1110119
Project: Reclamation Oil (GSB-0101)

QC BATCH REPORT

Batch ID: **R95697** Instrument ID **VMS6** Method: **SW8260**

Dibromochloromethane	17.89	1.0	20	0	89.4	60-135	18.24	1.94	30
Dibromomethane	18.84	1.0	20	0	94.2	75-125	19.07	1.21	30
Dichlorodifluoromethane	18	1.0	20	0	90	30-155	18.46	2.52	30
Ethylbenzene	18.33	1.0	20	0	91.6	75-125	19.54	6.39	30
Hexachlorobutadiene	18.25	5.0	20	0	91.2	50-140	21.27	15.3	30
Hexachloroethane	17.88	1.0	20	0	89.4	70-135	19.84	10.4	30
Iodomethane	19.47	5.0	20	0	97.4	70-135	20.72	6.22	30
Isopropylbenzene	18.12	1.0	20	0	90.6	75-125	19.53	7.49	30
m,p-Xylene	36.83	2.0	40	0	92.1	75-130	39.33	6.57	30
Methyl tert-butyl ether	21.54	5.0	20	0	108	65-125	21.36	0.839	30
Methylene chloride	20.78	5.0	20	0	104	55-140	21.19	1.95	30
Naphthalene	16.71	5.0	20	0	83.6	55-140	17.97	7.27	30
n-Butylbenzene	17.02	1.0	20	0	85.1	70-135	19.07	11.4	30
n-Propylbenzene	17.84	1.0	20	0	89.2	70-130	19.28	7.76	30
o-Xylene	18.5	1.0	20	0	92.5	80-120	19.62	5.88	30
p-Isopropyltoluene	16.98	2.0	20	0	84.9	75-130	18.94	10.9	30
sec-Butylbenzene	18.83	2.0	20	0	94.2	70-125	20.5	8.49	30
Styrene	18.2	1.0	20	0	91	65-135	19.2	5.35	30
tert-Butylbenzene	18.71	2.0	20	0	93.6	70-130	20.43	8.79	30
Tetrachloroethene	19.27	2.0	20	0	96.4	45-150	20.62	6.77	30
Tetrahydrofuran	21.65	10	20	0	108	70-135	19.13	12.4	30
Toluene	19.24	1.0	20	0	96.2	75-120	20.31	5.41	30
trans-1,2-Dichloroethene	21.16	1.0	20	0	106	60-140	22.47	6.01	30
trans-1,3-Dichloropropene	17.69	1.0	20	0	88.4	55-140	17.99	1.68	30
trans-1,4-Dichloro-2-butene	17.85	5.0	20	0	89.2	70-135	18.28	2.38	30
Trichloroethene	20.2	1.0	20	0	101	70-125	21.47	6.1	30
Trichlorofluoromethane	15.68	1.0	20	0	78.4	60-145	16.4	4.49	30
Vinyl chloride	19.9	1.0	20	0	99.5	50-145	20.51	3.02	30
Xylenes, Total	55.33	3.0	60	0	92.2	75-130	58.95	6.34	30
Surr: 1,2-Dichloroethane-d4	*99.11*	0	*100*	0	*99.1*	*70-120*	97.25	*1.89*	*30*
Surr: 4-Bromofluorobenzene	*100.9*	0	*100*	0	*101*	*75-120*	101.9	*1.02*	*30*
Surr: Dibromofluoromethane	*99.5*	0	*100*	0	*99.5*	*85-115*	99.84	*0.341*	*30*
Surr: Toluene-d8	*98.49*	0	*100*	0	*98.5*	*85-120*	99.04	*0.557*	*30*

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1110119
Project: Reclamation Oil (GSB-0101)

QC BATCH REPORT

Batch ID: **R95697** Instrument ID **VMS6** Method: **SW8260**

MS Sample ID: **1110119-02A MS** Units: **µg/L** Analysis Date: **10/7/2011 09:28 AM**
Client ID: **RO-GW-TMW-11R** Run ID: **VMS6_111006B** SeqNo: **1764435** Prep Date: DF: **5**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	86.4	5.0	100	0	86.4	80-130	0			
1,1,1-Trichloroethane	95.05	5.0	100	0	95	65-130	0			
1,1,2,2-Tetrachloroethane	98.65	5.0	100	0	98.6	65-130	0			
1,1,2-Trichloroethane	89.75	5.0	100	0	89.8	75-125	0			
1,1-Dichloroethane	203.2	5.0	100	101.4	102	70-135	0			
1,1-Dichloroethene	109.2	5.0	100	0	109	70-130	0			
1,1-Dichloropropene	99.15	5.0	100	0	99.2	75-130	0			
1,2,3-Trichlorobenzene	92.05	15	100	0	92	55-140	0			
1,2,3-Trichloropropane	97.3	5.0	100	0	97.3	75-125	0			
1,2,4-Trichlorobenzene	91.2	5.0	100	0	91.2	65-135	0			
1,2,4-Trimethylbenzene	534.2	5.0	100	432.9	101	75-130	0			EO
1,2-Dibromo-3-chloropropane	92.45	5.0	100	0	92.4	50-130	0			
1,2-Dibromoethane	88.3	5.0	100	0	88.3	80-120	0			
1,2-Dichlorobenzene	99.65	5.0	100	5.2	94.4	70-120	0			
1,2-Dichloroethane	136.3	5.0	100	40.65	95.6	70-130	0			
1,2-Dichloropropane	175.3	10	100	69.85	105	75-125	0			
1,3,5-Trimethylbenzene	237.4	5.0	100	146.4	90.9	75-130	0			
1,3-Dichlorobenzene	90.35	10	100	0	90.4	75-125	0			
1,3-Dichloropropane	94.2	5.0	100	0	94.2	75-125	0			
1,4-Dichlorobenzene	92.55	10	100	0	92.6	75-125	0			
2,2-Dichloropropane	63.05	5.0	100	0	63	70-135	0			S
2-Butanone	84.65	25	100	0	84.6	30-150	0			
2-Chlorotoluene	133.8	10	100	0	134	75-125	0			S
2-Hexanone	98.7	25	100	0	98.7	55-130	0			
4-Chlorotoluene	115.2	5.0	100	0	115	75-135	0			
4-Methyl-2-pentanone	147	25	100	0	147	60-135	0			S
Acetone	147	100	100	50.55	96.4	40-140	0			
Acrylonitrile	89.55	5.0	100	0	89.6	70-135	0			
Benzene	250.6	5.0	100	153.8	96.8	80-120	0			
Bromobenzene	97.15	5.0	100	0	97.2	75-125	0			
Bromochloromethane	101	5.0	100	0	101	65-130	0			
Bromodichloromethane	88.15	5.0	100	0	88.2	75-120	0			
Bromoform	92.35	5.0	100	0	92.4	70-130	0			
Bromomethane	105.6	5.0	100	0	106	30-145	0			
Carbon disulfide	100.8	12	100	0	101	35-165	0			
Carbon tetrachloride	88.05	5.0	100	0	88	65-140	0			
Chlorobenzene	97.8	5.0	100	0	97.8	80-120	0			
Chloroethane	112.6	5.0	100	0	113	60-135	0			
Chloroform	96.9	5.0	100	0	96.9	65-135	0			
Chloromethane	95.65	5.0	100	0	95.6	70-125	0			
cis-1,2-Dichloroethene	341	5.0	100	250.2	90.8	70-125	0			
cis-1,3-Dichloropropene	86.05	5.0	100	0	86	70-130	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1110119
Project: Reclamation Oil (GSB-0101)

QC BATCH REPORT

Batch ID: **R95697** Instrument ID **VMS6** Method: **SW8260**

Dibromochloromethane	81.35	5.0	100	0	81.4	60-135	0	
Dibromomethane	91.6	5.0	100	0	91.6	75-125	0	
Dichlorodifluoromethane	96.05	5.0	100	0	96	30-155	0	
Ethylbenzene	330.6	5.0	100	252.8	77.9	75-125	0	
Hexachlorobutadiene	83	25	100	0	83	50-140	0	
Hexachloroethane	92.15	5.0	100	0	92.2	70-135	0	
Iodomethane	89.05	25	100	0	89	70-135	0	
Isopropylbenzene	113.7	5.0	100	21.55	92.2	75-125	0	
m,p-Xylene	1669	10	200	1545	62.2	75-130	0	SEO
Methyl tert-butyl ether	107.8	25	100	0	108	65-125	0	
Methylene chloride	123.2	25	100	20.8	102	55-140	0	
Naphthalene	557	25	100	455.8	101	55-140	0	EO
n-Butylbenzene	120.5	5.0	100	0	120	70-135	0	
n-Propylbenzene	119.2	5.0	100	27.55	91.7	70-130	0	
o-Xylene	724.2	5.0	100	649.8	74.3	80-120	0	SEO
p-Isopropyltoluene	333.3	10	100	267.5	65.8	75-130	0	S
sec-Butylbenzene	108.4	10	100	6.55	102	70-125	0	
Styrene	92.85	5.0	100	0	92.8	65-135	0	
tert-Butylbenzene	102.2	10	100	0	102	70-130	0	
Tetrachloroethene	93	10	100	0	93	45-150	0	
Tetrahydrofuran	96.8	50	100	0	96.8	70-135	0	
Toluene	1106	5.0	100	1081	25.6	75-120	0	SEO
trans-1,2-Dichloroethene	113.2	5.0	100	6.7	106	60-140	0	
trans-1,3-Dichloropropene	77.95	5.0	100	0	78	55-140	0	
trans-1,4-Dichloro-2-butene	141.6	25	100	0	142	70-135	0	S
Trichloroethene	106.6	5.0	100	7.2	99.4	70-125	0	
Trichlorofluoromethane	71.1	5.0	100	0	71.1	60-145	0	
Vinyl chloride	236.9	5.0	100	158.6	78.2	50-145	0	
Xylenes, Total	2393	15	300	2195	66.2	75-130	0	SEO
Surr: 1,2-Dichloroethane-d4	*490.5*	0	*500*	0	*98.1*	*70-120*	0	
Surr: 4-Bromofluorobenzene	*538.6*	0	*500*	0	*108*	*75-120*	0	
Surr: Dibromofluoromethane	*498.8*	0	*500*	0	*99.8*	*85-115*	0	
Surr: Toluene-d8	*474*	0	*500*	0	*94.8*	*85-120*	0	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1110119
Project: Reclamation Oil (GSB-0101)

QC BATCH REPORT

Batch ID: **R95697** Instrument ID **VMS6** Method: **SW8260**

MSD Sample ID: **1110119-02A MSD** Units: **µg/L** Analysis Date: **10/7/2011 09:53 AM**
Client ID: **RO-GW-TMW-11R** Run ID: **VMS6_111006B** SeqNo: **1764437** Prep Date: DF: **5**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	91.2	5.0	100	0	91.2	80-130	86.4	5.41	30	
1,1,1-Trichloroethane	99.9	5.0	100	0	99.9	65-130	95.05	4.98	30	
1,1,2,2-Tetrachloroethane	104	5.0	100	0	104	65-130	98.65	5.28	30	
1,1,2-Trichloroethane	97.75	5.0	100	0	97.8	75-125	89.75	8.53	30	
1,1-Dichloroethane	214.2	5.0	100	101.4	113	70-135	203.2	5.27	30	
1,1-Dichloroethene	116.4	5.0	100	0	116	70-130	109.2	6.39	30	
1,1-Dichloropropene	103.4	5.0	100	0	103	75-130	99.15	4.24	30	
1,2,3-Trichlorobenzene	94.75	15	100	0	94.8	55-140	92.05	2.89	30	
1,2,3-Trichloropropane	98.6	5.0	100	0	98.6	75-125	97.3	1.33	30	
1,2,4-Trichlorobenzene	97.05	5.0	100	0	97	65-135	91.2	6.22	30	
1,2,4-Trimethylbenzene	530.2	5.0	100	432.9	97.2	75-130	534.2	0.761	30	EO
1,2-Dibromo-3-chloropropane	99.3	5.0	100	0	99.3	50-130	92.45	7.14	30	
1,2-Dibromoethane	94.75	5.0	100	0	94.8	80-120	88.3	7.05	30	
1,2-Dichlorobenzene	104.4	5.0	100	5.2	99.2	70-120	99.65	4.61	30	
1,2-Dichloroethane	141.2	5.0	100	40.65	100	70-130	136.3	3.5	30	
1,2-Dichloropropane	183.2	10	100	69.85	113	75-125	175.3	4.41	30	
1,3,5-Trimethylbenzene	243	5.0	100	146.4	96.6	75-130	237.4	2.37	30	
1,3-Dichlorobenzene	98.6	10	100	0	98.6	75-125	90.35	8.73	30	
1,3-Dichloropropane	101	5.0	100	0	101	75-125	94.2	6.97	30	
1,4-Dichlorobenzene	98.65	10	100	0	98.6	75-125	92.55	6.38	30	
2,2-Dichloropropane	67.55	5.0	100	0	67.6	70-135	63.05	6.89	30	S
2-Butanone	77.65	25	100	0	77.6	30-150	84.65	8.63	30	
2-Chlorotoluene	138.8	10	100	0	139	75-125	133.8	3.71	30	S
2-Hexanone	103.1	25	100	0	103	55-130	98.7	4.36	30	
4-Chlorotoluene	118.4	5.0	100	0	118	75-135	115.2	2.74	30	
4-Methyl-2-pentanone	127.1	25	100	0	127	60-135	147	14.5	30	
Acetone	147.8	100	100	50.55	97.3	40-140	147	0.577	30	
Acrylonitrile	91.05	5.0	100	0	91	70-135	89.55	1.66	30	
Benzene	261.4	5.0	100	153.8	108	80-120	250.6	4.22	30	
Bromobenzene	101.8	5.0	100	0	102	75-125	97.15	4.63	30	
Bromochloromethane	108	5.0	100	0	108	65-130	101	6.75	30	
Bromodichloromethane	94.9	5.0	100	0	94.9	75-120	88.15	7.38	30	
Bromoform	100.8	5.0	100	0	101	70-130	92.35	8.7	30	
Bromomethane	121.2	5.0	100	0	121	30-145	105.6	13.7	30	
Carbon disulfide	110	12	100	0	110	35-165	100.8	8.68	30	
Carbon tetrachloride	93.95	5.0	100	0	94	65-140	88.05	6.48	30	
Chlorobenzene	104.6	5.0	100	0	105	80-120	97.8	6.77	30	
Chloroethane	126.9	5.0	100	0	127	60-135	112.6	12	30	
Chloroform	103	5.0	100	0	103	65-135	96.9	6.05	30	
Chloromethane	95.7	5.0	100	0	95.7	70-125	95.65	0.0523	30	
cis-1,2-Dichloroethene	360.3	5.0	100	250.2	110	70-125	341	5.52	30	
cis-1,3-Dichloropropene	90.95	5.0	100	0	91	70-130	86.05	5.54	30	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1110119
Project: Reclamation Oil (GSB-0101)

QC BATCH REPORT

Batch ID: **R95697** Instrument ID **VMS6** Method: **SW8260**

Dibromochloromethane	89	5.0	100	0	89	60-135	81.35	8.98	30	
Dibromomethane	98.05	5.0	100	0	98	75-125	91.6	6.8	30	
Dichlorodifluoromethane	102.5	5.0	100	0	102	30-155	96.05	6.5	30	
Ethylbenzene	344.7	5.0	100	252.8	92	75-125	330.6	4.16	30	
Hexachlorobutadiene	95.65	25	100	0	95.6	50-140	83	14.2	30	
Hexachloroethane	100.3	5.0	100	0	100	70-135	92.15	8.47	30	
Iodomethane	104.8	25	100	0	105	70-135	89.05	16.2	30	
Isopropylbenzene	118.8	5.0	100	21.55	97.3	75-125	113.7	4.43	30	
m,p-Xylene	1740	10	200	1545	97.8	75-130	1669	4.18	30	EO
Methyl tert-butyl ether	112.8	25	100	0	113	65-125	107.8	4.58	30	
Methylene chloride	129.8	25	100	20.8	109	55-140	123.2	5.18	30	
Naphthalene	528.1	25	100	455.8	72.2	55-140	557	5.32	30	EO
n-Butylbenzene	124.4	5.0	100	0	124	70-135	120.5	3.14	30	
n-Propylbenzene	125	5.0	100	27.55	97.4	70-130	119.2	4.71	30	
o-Xylene	751	5.0	100	649.8	101	80-120	724.2	3.63	30	EO
p-Isopropyltoluene	357.3	10	100	267.5	89.8	75-130	333.3	6.95	30	
sec-Butylbenzene	113.1	10	100	6.55	107	70-125	108.4	4.24	30	
Styrene	97.1	5.0	100	0	97.1	65-135	92.85	4.47	30	
tert-Butylbenzene	109.3	10	100	0	109	70-130	102.2	6.71	30	
Tetrachloroethene	99.5	10	100	0	99.5	45-150	93	6.75	30	
Tetrahydrofuran	91.2	50	100	0	91.2	70-135	96.8	5.96	30	
Toluene	1182	5.0	100	1081	102	75-120	1106	6.63	30	EO
trans-1,2-Dichloroethene	119.5	5.0	100	6.7	113	60-140	113.2	5.46	30	
trans-1,3-Dichloropropene	83.35	5.0	100	0	83.4	55-140	77.95	6.7	30	
trans-1,4-Dichloro-2-butene	142.9	25	100	0	143	70-135	141.6	0.949	30	S
Trichloroethene	113.6	5.0	100	7.2	106	70-125	106.6	6.36	30	
Trichlorofluoromethane	96.6	5.0	100	0	96.6	60-145	71.1	30.4	30	R
Vinyl chloride	255.4	5.0	100	158.6	96.8	50-145	236.9	7.54	30	
Xylenes, Total	2491	15	300	2195	98.9	75-130	2393	4.01	30	EO
Surr: 1,2-Dichloroethane-d4	*484.2*	0	*500*	0	*96.8*	*70-120*	490.5	*1.28*	*30*	
Surr: 4-Bromofluorobenzene	*536.8*	0	*500*	0	*107*	*75-120*	538.6	*0.335*	*30*	
Surr: Dibromofluoromethane	*493.4*	0	*500*	0	*98.7*	*85-115*	498.8	*1.08*	*30*	
Surr: Toluene-d8	*481.2*	0	*500*	0	*96.2*	*85-120*	474	*1.49*	*30*	

The following samples were analyzed in this batch:

1110119-01A	1110119-02A	1110119-03A
1110119-04A	1110119-05A	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1110119
Project: Reclamation Oil (GSB-0101)

QC BATCH REPORT

Batch ID: **R95756** Instrument ID **VMS5** Method: **SW8260**

MBLK Sample ID: **VBLKW2-111007-R95756** Units: **µg/L** Analysis Date: **10/8/2011 05:04 AM**
Client ID: Run ID: **VMS5_111007B** SeqNo: **1765523** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	ND	1.0								
1,1,1-Trichloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
1,1,2-Trichlorotrifluoroethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,1-Dichloropropene	ND	1.0								
1,2,3-Trichlorobenzene	ND	3.0								
1,2,3-Trichloropropane	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,2,4-Trimethylbenzene	ND	1.0								
1,2-Dibromo-3-chloropropane	ND	1.0								
1,2-Dibromoethane	ND	1.0								
1,2-Dichlorobenzene	ND	1.0								
1,2-Dichloroethane	ND	1.0								
1,2-Dichloropropane	ND	2.0								
1,3,5-Trimethylbenzene	ND	1.0								
1,3-Dichlorobenzene	ND	2.0								
1,3-Dichloropropane	ND	1.0								
1,4-Dichlorobenzene	ND	2.0								
2,2-Dichloropropane	ND	1.0								
2-Butanone	ND	5.0								
2-Chlorotoluene	ND	2.0								
2-Hexanone	ND	5.0								
2-Methylnaphthalene	ND	10								
4-Chlorotoluene	ND	1.0								
4-Methyl-2-pentanone	ND	5.0								
Acetone	ND	20								
Acrolein	ND	5.0								
Acrylonitrile	ND	1.0								
Benzene	ND	1.0								
Bromobenzene	ND	1.0								
Bromochloromethane	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	1.0								
Carbon disulfide	ND	2.5								
Carbon tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	1.0								
Chloroform	ND	1.0								

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

QC BATCH REPORT

Batch ID: **R95756** Instrument ID **VMS5** Method: **SW8260**

Chloromethane	ND	1.0					
cis-1,2-Dichloroethene	ND	1.0					
cis-1,3-Dichloropropene	ND	1.0					
Dibromochloromethane	ND	1.0					
Dibromomethane	ND	1.0					
Dichlorodifluoromethane	ND	1.0					
Diethyl ether	ND	10					
Diisopropyl ether	ND	5.0					
Ethylbenzene	ND	1.0					
Hexachlorobutadiene	ND	5.0					
Hexachloroethane	ND	1.0					
Hexane	ND	5.0					
Iodomethane	ND	5.0					
Isopropylbenzene	ND	1.0					
m,p-Xylene	ND	2.0					
Methyl tert-butyl ether	ND	5.0					
Methylene chloride	ND	5.0					
Naphthalene	ND	5.0					
n-Butylbenzene	ND	1.0					
n-Heptane	ND	0					
n-Propylbenzene	ND	1.0					
o-Xylene	ND	1.0					
p-Isopropyltoluene	ND	2.0					
sec-Butylbenzene	ND	2.0					
Styrene	ND	1.0					
t-Butyl ethyl ether	ND	0					
tert-Butyl alcohol	ND	50					
tert-Butylbenzene	ND	2.0					
Tertiaryamylmethylether	ND	0					
Tetrachloroethene	ND	2.0					
Tetrahydrofuran	ND	10					
Toluene	ND	1.0					
trans-1,2-Dichloroethene	ND	1.0					
trans-1,3-Dichloropropene	ND	1.0					
trans-1,4-Dichloro-2-butene	ND	5.0					
Trichloroethene	ND	1.0					
Trichlorofluoromethane	ND	1.0					
Vinyl acetate	ND	1.0					
Vinyl chloride	ND	1.0					
1,2-Dichloroethene, Total	ND	2.0					
1,3-Dichloropropene, Total	ND	2.0					
Xylenes, Total	ND	3.0					
Surr: 1,2-Dichloroethane-d4	*101*	0	*100*	0	*101*	*70-120*	0
Surr: 4-Bromofluorobenzene	*98.07*	0	*100*	0	*98.1*	*75-120*	0
Surr: Dibromofluoromethane	*99.52*	0	*100*	0	*99.5*	*85-115*	0
Surr: Toluene-d8	*100.7*	0	*100*	0	*101*	*85-120*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1110119
Project: Reclamation Oil (GSB-0101)

QC BATCH REPORT

Batch ID: **R95756** Instrument ID **VMS5** Method: **SW8260**

LCS Sample ID: **VLCSW2-111007-R95756** Units: **µg/L** Analysis Date: **10/8/2011 03:50 AM**
Client ID: Run ID: **VMS5_111007B** SeqNo: **1765521** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	20.25	1.0	20	0	101	80-130	0			
1,1,1-Trichloroethane	24.02	1.0	20	0	120	65-130	0			
1,1,2,2-Tetrachloroethane	21.81	1.0	20	0	109	65-130	0			
1,1,2-Trichloroethane	21.61	1.0	20	0	108	75-125	0			
1,1-Dichloroethane	22.87	1.0	20	0	114	70-135	0			
1,1-Dichloroethene	24.78	1.0	20	0	124	70-130	0			
1,1-Dichloropropene	23.14	1.0	20	0	116	75-130	0			
1,2,3-Trichlorobenzene	23.58	3.0	20	0	118	55-140	0			
1,2,3-Trichloropropane	19.72	1.0	20	0	98.6	75-125	0			
1,2,4-Trichlorobenzene	23.84	1.0	20	0	119	65-135	0			
1,2,4-Trimethylbenzene	20.91	1.0	20	0	105	75-130	0			
1,2-Dibromo-3-chloropropane	20.34	1.0	20	0	102	50-130	0			
1,2-Dibromoethane	20.15	1.0	20	0	101	80-120	0			
1,2-Dichlorobenzene	21.86	1.0	20	0	109	70-120	0			
1,2-Dichloroethane	22.19	1.0	20	0	111	70-130	0			
1,2-Dichloropropane	22.42	2.0	20	0	112	75-125	0			
1,3,5-Trimethylbenzene	22.06	1.0	20	0	110	75-130	0			
1,3-Dichlorobenzene	21.24	2.0	20	0	106	75-125	0			
1,3-Dichloropropane	21.14	1.0	20	0	106	75-125	0			
1,4-Dichlorobenzene	21.83	2.0	20	0	109	75-125	0			
2,2-Dichloropropane	20.32	1.0	20	0	102	70-135	0			
2-Butanone	19.66	5.0	20	0	98.3	30-150	0			
2-Chlorotoluene	22.26	2.0	20	0	111	75-125	0			
2-Hexanone	19.7	5.0	20	0	98.5	55-130	0			
4-Chlorotoluene	22.63	1.0	20	0	113	75-135	0			
4-Methyl-2-pentanone	19.38	5.0	20	0	96.9	60-135	0			
Acetone	20.86	20	20	0	104	40-140	0			
Acrylonitrile	19.7	1.0	20	0	98.5	70-135	0			
Benzene	22.6	1.0	20	0	113	80-120	0			
Bromobenzene	20.62	1.0	20	0	103	75-125	0			
Bromochloromethane	22.7	1.0	20	0	114	65-130	0			
Bromodichloromethane	22.87	1.0	20	0	114	75-120	0			
Bromoform	19.01	1.0	20	0	95	70-130	0			
Bromomethane	29.87	1.0	20	0	149	30-145	0			S
Carbon disulfide	24.57	2.5	20	0	123	35-165	0			
Carbon tetrachloride	21.5	1.0	20	0	108	65-140	0			
Chlorobenzene	21.88	1.0	20	0	109	80-120	0			
Chloroethane	21.46	1.0	20	0	107	60-135	0			
Chloroform	21.74	1.0	20	0	109	65-135	0			
Chloromethane	21.37	1.0	20	0	107	70-125	0			
cis-1,2-Dichloroethene	22.47	1.0	20	0	112	70-125	0			
cis-1,3-Dichloropropene	22.38	1.0	20	0	112	70-130	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1110119
Project: Reclamation Oil (GSB-0101)

QC BATCH REPORT

Batch ID: **R95756** Instrument ID **VMS5** Method: **SW8260**

Dibromochloromethane	19.35	1.0	20	0	96.8	60-135	0
Dibromomethane	21.82	1.0	20	0	109	75-125	0
Dichlorodifluoromethane	20.65	1.0	20	0	103	30-155	0
Ethylbenzene	21.14	1.0	20	0	106	75-125	0
Hexachlorobutadiene	25.68	5.0	20	0	128	50-140	0
Hexachloroethane	20.8	1.0	20	0	104	70-135	0
Iodomethane	24.01	5.0	20	0	120	70-135	0
Isopropylbenzene	21.78	1.0	20	0	109	75-125	0
m,p-Xylene	45.81	2.0	40	0	115	75-130	0
Methyl tert-butyl ether	20.76	5.0	20	0	104	65-125	0
Methylene chloride	21.94	5.0	20	0	110	55-140	0
Naphthalene	21.55	5.0	20	0	108	55-140	0
n-Butylbenzene	23.17	1.0	20	0	116	70-135	0
n-Propylbenzene	21.43	1.0	20	0	107	70-130	0
o-Xylene	22.51	1.0	20	0	113	80-120	0
p-Isopropyltoluene	22.15	2.0	20	0	111	75-130	0
sec-Butylbenzene	22.14	2.0	20	0	111	70-125	0
Styrene	22.79	1.0	20	0	114	65-135	0
tert-Butylbenzene	22.56	2.0	20	0	113	70-130	0
Tetrachloroethene	23.01	2.0	20	0	115	45-150	0
Tetrahydrofuran	18.16	10	20	0	90.8	70-135	0
Toluene	21.92	1.0	20	0	110	75-120	0
trans-1,2-Dichloroethene	22.79	1.0	20	0	114	60-140	0
trans-1,3-Dichloropropene	21.15	1.0	20	0	106	55-140	0
trans-1,4-Dichloro-2-butene	16.37	5.0	20	0	81.8	70-135	0
Trichloroethene	23.27	1.0	20	0	116	70-125	0
Trichlorofluoromethane	18.21	1.0	20	0	91	60-145	0
Vinyl chloride	21.47	1.0	20	0	107	50-145	0
Xylenes, Total	68.32	3.0	60	0	114	75-130	0
Surr: 1,2-Dichloroethane-d4	*98.05*	0	*100*	0	*98*	*70-120*	0
Surr: 4-Bromofluorobenzene	*100.6*	0	*100*	0	*101*	*75-120*	0
Surr: Dibromofluoromethane	*101.1*	0	*100*	0	*101*	*85-115*	0
Surr: Toluene-d8	*98.63*	0	*100*	0	*98.6*	*85-120*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1110119
Project: Reclamation Oil (GSB-0101)

QC BATCH REPORT

Batch ID: **R95756** Instrument ID **VMS5** Method: **SW8260**

LCSD Sample ID: **VLCSDW2-111007-R95756** Units: **µg/L** Analysis Date: **10/8/2011 04:15 AM**
Client ID: Run ID: **VMS5_111007B** SeqNo: **1765522** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	20.26	1.0	20	0	101	80-130	20.25	0.0494	30	
1,1,1-Trichloroethane	23.69	1.0	20	0	118	65-130	24.02	1.38	30	
1,1,2,2-Tetrachloroethane	22.41	1.0	20	0	112	65-130	21.81	2.71	30	
1,1,2-Trichloroethane	21.87	1.0	20	0	109	75-125	21.61	1.2	30	
1,1-Dichloroethane	22.77	1.0	20	0	114	70-135	22.87	0.438	30	
1,1-Dichloroethene	24.52	1.0	20	0	123	70-130	24.78	1.05	30	
1,1-Dichloropropene	22.89	1.0	20	0	114	75-130	23.14	1.09	30	
1,2,3-Trichlorobenzene	22.59	3.0	20	0	113	55-140	23.58	4.29	30	
1,2,3-Trichloropropane	20.16	1.0	20	0	101	75-125	19.72	2.21	30	
1,2,4-Trichlorobenzene	22.83	1.0	20	0	114	65-135	23.84	4.33	30	
1,2,4-Trimethylbenzene	20.64	1.0	20	0	103	75-130	20.91	1.3	30	
1,2-Dibromo-3-chloropropane	20.63	1.0	20	0	103	50-130	20.34	1.42	30	
1,2-Dibromoethane	20.35	1.0	20	0	102	80-120	20.15	0.988	30	
1,2-Dichlorobenzene	21.44	1.0	20	0	107	70-120	21.86	1.94	30	
1,2-Dichloroethane	22.53	1.0	20	0	113	70-130	22.19	1.52	30	
1,2-Dichloropropane	22.39	2.0	20	0	112	75-125	22.42	0.134	30	
1,3,5-Trimethylbenzene	21.32	1.0	20	0	107	75-130	22.06	3.41	30	
1,3-Dichlorobenzene	21.07	2.0	20	0	105	75-125	21.24	0.804	30	
1,3-Dichloropropane	21.48	1.0	20	0	107	75-125	21.14	1.6	30	
1,4-Dichlorobenzene	21.52	2.0	20	0	108	75-125	21.83	1.43	30	
2,2-Dichloropropane	19.65	1.0	20	0	98.2	70-135	20.32	3.35	30	
2-Butanone	21.47	5.0	20	0	107	30-150	19.66	8.8	30	
2-Chlorotoluene	21.9	2.0	20	0	110	75-125	22.26	1.63	30	
2-Hexanone	20.48	5.0	20	0	102	55-130	19.7	3.88	30	
4-Chlorotoluene	22.43	1.0	20	0	112	75-135	22.63	0.888	30	
4-Methyl-2-pentanone	20.21	5.0	20	0	101	60-135	19.38	4.19	30	
Acetone	21.63	20	20	0	108	40-140	20.86	3.62	30	
Acrylonitrile	20.62	1.0	20	0	103	70-135	19.7	4.56	30	
Benzene	22.49	1.0	20	0	112	80-120	22.6	0.488	30	
Bromobenzene	20.68	1.0	20	0	103	75-125	20.62	0.291	30	
Bromochloromethane	23	1.0	20	0	115	65-130	22.7	1.31	30	
Bromodichloromethane	22.84	1.0	20	0	114	75-120	22.87	0.131	30	
Bromoform	19.29	1.0	20	0	96.4	70-130	19.01	1.46	30	
Bromomethane	28.65	1.0	20	0	143	30-145	29.87	4.17	30	
Carbon disulfide	23.94	2.5	20	0	120	35-165	24.57	2.6	30	
Carbon tetrachloride	21.1	1.0	20	0	106	65-140	21.5	1.88	30	
Chlorobenzene	21.86	1.0	20	0	109	80-120	21.88	0.0914	30	
Chloroethane	19.05	1.0	20	0	95.2	60-135	21.46	11.9	30	
Chloroform	21.86	1.0	20	0	109	65-135	21.74	0.55	30	
Chloromethane	19.8	1.0	20	0	99	70-125	21.37	7.63	30	
cis-1,2-Dichloroethene	22.38	1.0	20	0	112	70-125	22.47	0.401	30	
cis-1,3-Dichloropropene	22.45	1.0	20	0	112	70-130	22.38	0.312	30	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1110119
Project: Reclamation Oil (GSB-0101)

QC BATCH REPORT

Batch ID: **R95756** Instrument ID **VMS5** Method: **SW8260**

Dibromochloromethane	19.48	1.0	20	0	97.4	60-135	19.35	0.67	30
Dibromomethane	22.2	1.0	20	0	111	75-125	21.82	1.73	30
Dichlorodifluoromethane	20.02	1.0	20	0	100	30-155	20.65	3.1	30
Ethylbenzene	20.7	1.0	20	0	104	75-125	21.14	2.1	30
Hexachlorobutadiene	24.33	5.0	20	0	122	50-140	25.68	5.4	30
Hexachloroethane	19.92	1.0	20	0	99.6	70-135	20.8	4.32	30
Iodomethane	23.36	5.0	20	0	117	70-135	24.01	2.74	30
Isopropylbenzene	21.57	1.0	20	0	108	75-125	21.78	0.969	30
m,p-Xylene	45.46	2.0	40	0	114	75-130	45.81	0.767	30
Methyl tert-butyl ether	21.23	5.0	20	0	106	65-125	20.76	2.24	30
Methylene chloride	21.97	5.0	20	0	110	55-140	21.94	0.137	30
Naphthalene	21.03	5.0	20	0	105	55-140	21.55	2.44	30
n-Butylbenzene	22.2	1.0	20	0	111	70-135	23.17	4.28	30
n-Propylbenzene	21.12	1.0	20	0	106	70-130	21.43	1.46	30
o-Xylene	22.43	1.0	20	0	112	80-120	22.51	0.356	30
p-Isopropyltoluene	21.34	2.0	20	0	107	75-130	22.15	3.72	30
sec-Butylbenzene	21.24	2.0	20	0	106	70-125	22.14	4.15	30
Styrene	22.77	1.0	20	0	114	65-135	22.79	0.0878	30
tert-Butylbenzene	22.34	2.0	20	0	112	70-130	22.56	0.98	30
Tetrachloroethene	22.2	2.0	20	0	111	45-150	23.01	3.58	30
Tetrahydrofuran	18.83	10	20	0	94.2	70-135	18.16	3.62	30
Toluene	21.58	1.0	20	0	108	75-120	21.92	1.56	30
trans-1,2-Dichloroethene	22.39	1.0	20	0	112	60-140	22.79	1.77	30
trans-1,3-Dichloropropene	21.24	1.0	20	0	106	55-140	21.15	0.425	30
trans-1,4-Dichloro-2-butene	16.57	5.0	20	0	82.8	70-135	16.37	1.21	30
Trichloroethene	22.63	1.0	20	0	113	70-125	23.27	2.79	30
Trichlorofluoromethane	18.12	1.0	20	0	90.6	60-145	18.21	0.495	30
Vinyl chloride	20.89	1.0	20	0	104	50-145	21.47	2.74	30
Xylenes, Total	67.89	3.0	60	0	113	75-130	68.32	0.631	30
Surr: 1,2-Dichloroethane-d4	*98.98*	0	*100*	0	*99*	*70-120*	98.05	*0.944*	*30*
Surr: 4-Bromofluorobenzene	*100.6*	0	*100*	0	*101*	*75-120*	100.6	*0.0596*	*30*
Surr: Dibromofluoromethane	*101.3*	0	*100*	0	*101*	*85-115*	101.1	*0.168*	*30*
Surr: Toluene-d8	*98.46*	0	*100*	0	*98.5*	*85-120*	98.63	*0.173*	*30*

The following samples were analyzed in this batch: 1110119-01A 1110119-03A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1110119
Project: Reclamation Oil (GSB-0101)

QC BATCH REPORT

Batch ID: **R95758** Instrument ID **VMS7** Method: **SW8260**

MBLK Sample ID: **VBLKW1-111007-R95758** Units: **µg/L** Analysis Date: **10/7/2011 12:08 PM**
Client ID: Run ID: **VMS7_111007A** SeqNo: **1765596** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2-Chloroethyl vinyl ether	ND	10								
Surr: 1,2-Dichloroethane-d4	*88.29*	0	*100*	0	*88.3*	*70-120*	0			
Surr: 4-Bromofluorobenzene	*99.6*	0	*100*	0	*99.6*	*75-120*	0			
Surr: Dibromofluoromethane	*94.02*	0	*100*	0	*94*	*85-115*	0			
Surr: Toluene-d8	*92.93*	0	*100*	0	*92.9*	*85-120*	0			

LCS Sample ID: **VLCSW1-111007-R95758** Units: **µg/L** Analysis Date: **10/7/2011 09:59 AM**
Client ID: Run ID: **VMS7_111007A** SeqNo: **1765594** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2-Chloroethyl vinyl ether	41.78	10	40	0	104	80-120	0			
Surr: 1,2-Dichloroethane-d4	*88.8*	0	*100*	0	*88.8*	*70-120*	0			
Surr: 4-Bromofluorobenzene	*98.21*	0	*100*	0	*98.2*	*75-120*	0			
Surr: Dibromofluoromethane	*97.6*	0	*100*	0	*97.6*	*85-115*	0			
Surr: Toluene-d8	*93.43*	0	*100*	0	*93.4*	*85-120*	0			

LCSD Sample ID: **VLCSDW1-111007-R95758** Units: **µg/L** Analysis Date: **10/7/2011 11:07 AM**
Client ID: Run ID: **VMS7_111007A** SeqNo: **1765595** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2-Chloroethyl vinyl ether	47.33	10	40	0	118	80-120	41.78	12.5	30	
Surr: 1,2-Dichloroethane-d4	*90.39*	0	*100*	0	*90.4*	*70-120*	88.8	*1.77*	*30*	
Surr: 4-Bromofluorobenzene	*96.87*	0	*100*	0	*96.9*	*75-120*	98.21	*1.37*	*30*	
Surr: Dibromofluoromethane	*100.1*	0	*100*	0	*100*	*85-115*	97.6	*2.57*	*30*	
Surr: Toluene-d8	*91.97*	0	*100*	0	*92*	*85-120*	93.43	*1.57*	*30*	

The following samples were analyzed in this batch:

1110119-01A	1110119-02A	1110119-03A
1110119-04A	1110119-05A	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

☐ **ALS Environmental**
10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. +1 281 530 5656
Fax. +1 281 530 5887

Chain of Custody Form

Page 1 of 1

COC ID: 14789

☒ **ALS Environmental**
3352 128th Ave.
Holland, MI 49424-9263
Tel: +1 616 399 6070
Fax: +1 616 399 6185

ALS Project Manager:

ALS Work Order #: 1110119

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	Reclamation Oil	A	VOCs (8260)
Work Order		Project Number	GSB-0101	B	
Company Name	Horizon Environmental	Bill To Company	Horizon Environmental	C	
Send Report To	Bill Davidson	Invoice Attn	Accounts Payable	D	
Address	4771 50th Street	Address	4771 50th Street	E	
				F	
City/State/Zip	Grand Rapids, MI 49512	City/State/Zip	Grand Rapids, MI 49512	G	
Phone	(616) 554-3210	Phone	(616) 554-3210	H	
Fax	(616) 554-3211	Fax	(616) 554-3211	I	
e-Mail Address	wtdavidson@horizoncpw.com	e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	RO-GW-TMW-05R	10/3/11	1543	W	HCl	3	X										
2	RO-GW-TMW-11R	↓	1713	W	HCl	4	X										MS/MSD
3	RO-FD-TMW-05R		1543	W	HCl	3	X										
4	RO-FB-02		1735	W	HCl	3	X										
5	RO-TB-04	—	—	W	HCl	1	X										
6																	
7																	
8																	
9																	
10																	

Sampler(s) Please Print & Sign: DAVID BANDLOW

Shipment Method: PICK-UP

Required Turnaround Time: (Check Box) ☒ Std 10 WK Days ☐ 5 WK Days ☐ 2 WK Days ☐ 24 Hour ☐ Other _____

Results Due Date:

Relinquished by:	Date: 10/4/11	Time: 11:20	Received by:	
Relinquished by:	Date: 10/4/11	Time:	Received by (Laboratory):	10/5/11 0730
Logged by (Laboratory): DGS	Date: 10/5/11	Time: 0800	Checked by (Laboratory):	

Notes: RO-TB-04 is the trip blank

Cooler ID	Cooler Temp.
	3.8°C

QC Package: (Check One Box Below)
☐ Level II Std QC ☐ TRRP CheckList
☐ Level III Std QC/Raw Data ☐ TRRP Level IV
☐ Level IV SW846/CLP
☐ Other _____

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
3. The Chain of Custody is a legal document. All information must be completed accurately.

Copyright 2010 by ALS Environmental.

ALS Environmental
3352 128th Avenue
Holland, Michigan 49424
Tel. +1 616 399 6070
Fax. +1 616 399 6185

CUSTODY SEAL

Date: [illegible] Time:

Company:

Seal Broken By:

Date:

ALS Environmental
3352 128th Avenue
Holland, Michigan 49424
Tel. +1 616 399 6070
Fax. +1 616 399 6185

CUSTODY SEAL

Date: [illegible] Time:

Name: [illegible]

Company:

Seal Broken By:

Date:

[illegible] COMPANY (GROUND AIR BILL - SHIPPING RECEIPT)

DATE: [illegible]

2376958

AN "X" BELOW			
SPECIAL SERVICE	SHIPPER COMPANY	RECEIVER	
GROUND SERVICE	CONTACT [illegible] PHONE #	PHONE # [illegible]	
AIR SERVICE	STREET ADDRESS [illegible]	STREET ADDRESS	
AIR & GROUND COMBINED	CITY [illegible] STATE, ZIP CODE	CITY [illegible] STATE, ZIP CODE	
CANCELLED CHECKS OR CASH LETTERS	DECLARED VALUE $ / ADD'L INSURANCE COST $	ACCOUNT NO.	
OTHER (LIST COMMODITIES) ➡	PIECES	(DESCRIPTION OF WHAT IS BEING SHIPPED: BOX, BAG, ENVELOPE)	WEIGHT LBS. 110 / OZ. / $ CHARGES
SPECIAL INSTRUCTIONS ➡			

☐ PREPAID ☐ BILL TO ACCT. ☐ C.O.D.

RECEIVED, Subject to rates and tariffs in effect on the date hereof

TOTAL $

PICKED UP BY	DATE	TIME
DRIVER:		A.M.
ROUTE #:		P.M.

RECEIVED BY	DATE	TIME
[illegible]	10-5-11	A.M.
ROUTE #: [illegible]		P.M.

Except for "cash letters", the released or declared value of this shipment is specifically declared not to be in excess of $100.00, unless a greater value is declared in writing on this Bill of Lading for which additional charges will be assessed. Carrier's liability with respect to "cash letter" shipments is limited in its tariffs.

Except on "cash letter" shipments, claims, if any, must be filed in writing within thirty (30) days after pickup. Claims involving "cash letter" shipments must be filed in writing within three (3) days after pickup. Claimant shall give oral notice to carrier as soon as it becomes aware of a potential claim involving a "cash letter" shipment.

CARRIER SHALL NOT BE LIABLE FOR CONSEQUENTIAL DAMAGES.

The property described above, in apparent good order, except as noted (contents and conditions of packages unknown), marked, consigned and destined as shown below, which said company agrees to carry to its usual place of delivery at said destination if within the territory of its highway operations. It is mutually agreed as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions of the carrier's tariff, which are hereby agreed to by the shipper and accepted for himself and his assigns.

ALS Group USA, Corp

Sample Receipt Checklist

Client Name: **HORIZONENV-GR** Date/Time Received: **05-Oct-11 07:30**

Work Order: **1110119** Received by: **DS**

Checklist completed by Diane Shaw (eSignature) 05-Oct-11 (Date) Reviewed by: Joseph Rebar (eSignature) 05-Oct-11 (Date)

Matrices: Water
Carrier name: City Transfer

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Temperature(s)/Thermometer(s):	3.8 c		
Cooler(s)/Kit(s):			
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑
pH adjusted?	Yes ☐	No ☐	N/A ☑
pH adjusted by:			

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction:

APPENDIX E

Load Tickets for Imported Materials

Class II Sand

4/22/2011	4/25/2011	4/26/2011	4/28/2011	4/29/2011	4/30/2011			
49.75	49.63	51.56	50.63	50.23	50.43			
49.90	51.03	50.33	50.75	51.00	50.36			
51.15	50.76	50.32	49.41	51.09	49.19			
50.76	50.58	49.49	50.42	50.14	48.20			
51.11	51.08	50.40	50.52	49.15	50.76			
50.68	49.65	49.49	48.68	50.69	50.43			
49.74	50.43	50.05	49.66	49.39	50.95			
49.09	49.90	49.92	48.34	51.38	50.96			
51.42	50.17	49.66	50.08	49.90	49.86			
51.77	50.90	50.44	50.08	50.43	50.23			
51.90	48.66	50.13	50.67	49.66	49.72			
50.64	50.63	50.15	49.23	50.24	49.46			
51.36	49.02	48.46	50.34	49.74	50.56			
50.76	50.24	49.47	48.91	49.72	48.03			
51.53	49.95	49.00	49.43	49.53	51.18			
50.57	49.41		50.36	50.04	49.60			
	49.10		50.27	50.20	48.91			
			50.06	49.83	51.32			
			50.16	48.12	50.68			
			48.69	49.48	51.24			
			50.61		49.73			
			49.08		50.17			
			50.23		48.93			
			50.04		49.72			
			49.55					
			50.68					
			51.69					
			50.25					
			48.90					
			49.54					
			49.91					
			50.18					
			51.25					
			49.91					
			50.01					
			50.03					
			49.47					
			49.30					
			50.34					
			49.56					
			50.42					
			50.23					
			50.31					
			50.30					
			49.86					
			49.59					
			48.41					
812.13	**851.14**	**748.87**	**2346.34**	**999.96**	**1200.62**	**0.00**	**0.00**	**0.00**
subtotal	subtotal	subtotal	subtotal	subtotal	subtotal	subtotal	subtotal	subtotal

47

TOTAL	**6,959.06**

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 24931

DATE	LOAD BY	COD
4-22-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
527		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 527
06:10 am 04/22/11

152400 lb Gross
52900 lb Tare
99500 lb Net
49.75 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____ Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 24932

DATE	LOAD BY	COD
4-22-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
014		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-In:
MAN WT Truck ID#: 014
06:21 am 04/22/11
52480 lb
Weigh-Out:
Recalled Truck ID#: 014
06:27 am 04/22/11

152280 lb Gross
52480 lb Tare
99800 lb Net
49.90 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____ Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 24935

DATE	LOAD BY	COD
4-22-11	JK	☐

CUSTOMER / JOB: TKMS 10-6043

TRUCK NO.	DRIVER	CARRIER
087		TKMS

MATERIAL

- ☒ CLASS IIA
- ☐ FILL SAND
- ☐ TOP SOIL
- ☐ CLASS III
- ☐ BEACH SAND
- ☐ 21AC
- ☐ PEA GRAVEL
- ☐ FILL DIRT
- ☐ BOULDERS
- ☐ OTHER _____

QUANTITY	TONS	YARDS

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Rec'd by: _____

Weigh-Out:
Recalled Truck ID#: 087
06:33 am 04/22/11

154040	lb	Gross
51740	lb	Tare
102300	lb	Net
51.15	ton	Net

State Certified Scale

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 24936

DATE	LOAD BY	COD
4-22-11	JK	☐

CUSTOMER / JOB: TKMS 10-6043

TRUCK NO.	DRIVER	CARRIER
31		TKMS

MATERIAL

- ☒ CLASS IIA
- ☐ FILL SAND
- ☐ TOP SOIL
- ☐ CLASS III
- ☐ BEACH SAND
- ☐ 21AC
- ☐ PEA GRAVEL
- ☐ FILL DIRT
- ☐ BOULDERS
- ☐ OTHER _____

QUANTITY	TONS	YARDS

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Rec'd by: _____

Weigh-Out:
Recalled Truck ID#: 31
06:37 am 04/22/11

152560	lb	Gross
51040	lb	Tare
101520	lb	Net
50.76	ton	Net

State Certified Scale

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 24937

DATE	LOAD BY	COD
4-22-11	JK	☐

CUSTOMER / JOB: TKMS 10-6043

TRUCK NO.	DRIVER	CARRIER
51		TKMS

MATERIAL

- ☒ CLASS IIA
- ☐ FILL SAND
- ☐ TOP SOIL
- ☐ CLASS III
- ☐ BEACH SAND
- ☐ 21AC
- ☐ PEA GRAVEL
- ☐ FILL DIRT
- ☐ BOULDERS
- ☐ OTHER

QUANTITY	TONS	YARDS

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Rec'd by: _____

Weigh-Out:
Recalled Truck ID#: 51
06:40 am 04/22/11

153540 lb Gross
51320 lb Tare
102220 lb Net
51.11 ton Net

State Certified Scale

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 24938

DATE	LOAD BY	COD
4-22-11	JK	☐

CUSTOMER / JOB: TKMS 10-6043

TRUCK NO.	DRIVER	CARRIER
015		TKMS

MATERIAL

- ☒ CLASS IIA
- ☐ FILL SAND
- ☐ TOP SOIL
- ☐ CLASS III
- ☐ BEACH SAND
- ☐ 21AC
- ☐ PEA GRAVEL
- ☐ FILL DIRT
- ☐ BOULDERS
- ☐ OTHER

QUANTITY	TONS	YARDS

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Rec'd by: _____

Weigh-Out:
Recalled Truck ID#: 015
06:45 am 04/22/11

154140 lb Gross
52780 lb Tare
101360 lb Net
50.68 ton Net

State Certified Scale

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 24939

DATE	LOAD BY	COD
4-22-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
994		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 994
07:03 am 04/22/11

151460 lb Gross
51980 lb Tare
99480 lb Net
49.74 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____ Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 24941

DATE	LOAD BY	COD
4-22-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO. (34)	DRIVER	CARRIER
034		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-In:
MAN WT Truck ID#: 031
09:28 am 04/22/11
53880 lb
Weigh-Out:
Recalled Truck ID#: 034
09:44 am 04/22/11

152060 lb Gross
53880 lb Tare
98180 lb Net
49.09 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____ Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 24942

DATE	LOAD BY	COD
4-22-11	GW	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
014		TKMS

MATERIAL

- ☒ CLASS IIA
- ☐ FILL SAND
- ☐ TOP SOIL
- ☐ CLASS III
- ☐ BEACH SAND
- ☐ 21AC
- ☐ PEA GRAVEL
- ☐ FILL DIRT
- ☐ BOULDERS
- ☐ OTHER

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 014
11:00 am 04/22/11

155320 lb Gross
52480 lb Tare
102840 lb Net
51.42 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____ **Rec'd by:** _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 24945

DATE	LOAD BY	COD
4-22-11	GW	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
087		TKMS

MATERIAL

- ☒ CLASS IIA
- ☐ FILL SAND
- ☐ TOP SOIL
- ☐ CLASS III
- ☐ BEACH SAND
- ☐ 21AC
- ☐ PEA GRAVEL
- ☐ FILL DIRT
- ☐ BOULDERS
- ☐ OTHER

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 087
11:04 am 04/22/11

155280 lb Gross
51740 lb Tare
103540 lb Net
51.77 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____ **Rec'd by:** _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 24946

DATE	LOAD BY	COD
4-22-11	GK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
31		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out!
Recalled Truck ID#: 31
11:07 am 04/22/11

154940 lb Gross
51040 lb Tare
103900 lb Net
51.90 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____ Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 24947

DATE	LOAD BY	COD
4-22-11	GK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
015		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out!
Recalled Truck ID#: 015
11:11 am 04/22/11

154060 lb Gross
52780 lb Tare
101280 lb Net
50.64 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____ Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 24948

DATE	LOAD BY	COD
4-22-11	GK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
51		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 51
11:16 am 04/22/11

154140 lb Gross
51320 lb Tare
102720 lb Net
51.36 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____ Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 24949

DATE	LOAD BY	COD
4-22-11	GK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
994		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 994
11:35 am 04/22/11

153500 lb Gross
51980 lb Tare
101520 lb Net
50.76 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____ Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 24950

DATE	LOAD BY	COD
4-22-11	GK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
998		TKMS

MATERIAL

- ☒ CLASS IIA
- ☐ FILL SAND
- ☐ TOP SOIL
- ☐ CLASS III
- ☐ BEACH SAND
- ☐ 21AC
- ☐ PEA GRAVEL
- ☐ FILL DIRT
- ☐ BOULDERS
- ☐ OTHER _____

QUANTITY	TONS	YARDS

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Rec'd by: _____

Weigh-In:
MAN WT Truck ID#: 998
12:33 pm 04/22/11
51900 lb
Weigh-Out:
Recalled Truck ID#: 998
12:40 pm 04/22/11

154960 lb Gross
51900 lb Tare
103060 lb Net
51.53 ton Net

State Certified Scale

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 24951

DATE	LOAD BY	COD
4-22-11	GK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
953		TKMS

MATERIAL

- ☒ CLASS IIA
- ☐ FILL SAND
- ☐ TOP SOIL
- ☐ CLASS III
- ☐ BEACH SAND
- ☐ 21AC
- ☐ PEA GRAVEL
- ☐ FILL DIRT
- ☐ BOULDERS
- ☐ OTHER _____

QUANTITY	TONS	YARDS

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Rec'd by: _____

Weigh-Out:
Recalled Truck ID#: 953
12:50 pm 04/22/11

152840 lb Gross
51700 lb Tare
101140 lb Net
50.57 ton Net

State Certified Scale

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 24952

DATE	LOAD BY	COD
4-25-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
390		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 390
06:09 am 04/25/11

152900 lb Gross
53640 lb Tare
99260 lb Net
49.63 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____ **Rec'd by:** _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 24953

DATE	LOAD BY	COD
4-25-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
009		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 009
06:13 am 04/25/11

154120 lb Gross
52060 lb Tare
102060 lb Net
51.03 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____ **Rec'd by:** _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 24954

DATE	LOAD BY	COD
4-25-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
008		TKMS

MATERIAL

- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT
- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS

QUANTITY	TONS	YARDS

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Weigh-Out:
Recalled Truck ID#: 008
06:16 am 04/25/11

154520 lb Gross
53000 lb Tare
101520 lb Net
50.76 ton Net

State Certified Scale

Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 24956

DATE	LOAD BY	COD
4-25-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
017		TKMS

MATERIAL

- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT
- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS

QUANTITY	TONS	YARDS

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Weigh-Out:
Recalled Truck ID#: 017
06:27 am 04/25/11

153240 lb Gross
52080 lb Tare
101160 lb Net
50.58 ton Net

State Certified Scale

Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 24957

DATE	LOAD BY	COD
4-25-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
018		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 018
06:24 am 04/25/11

154800 lb Gross
52640 lb Tare
102160 lb Net
51.08 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____ Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 24959

DATE	LOAD BY	COD
4-25-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
010		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 010
06:39 am 04/25/11

151900 lb Gross
52600 lb Tare
99300 lb Net
49.65 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____ Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 24962

DATE	LOAD BY	COD
4-25-11	JK	☐

CUSTOMER / JOB: THMS 11-6043

TRUCK NO.	DRIVER	CARRIER
997		THMS

MATERIAL

- ☒ CLASS IIA
- ☐ FILL SAND
- ☐ TOP SOIL
- ☐ CLASS III
- ☐ BEACH SAND
- ☐ 21AC
- ☐ PEA GRAVEL
- ☐ FILL DIRT
- ☐ BOULDERS
- ☐ OTHER _____

QUANTITY	TONS	YARDS

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Rec'd by: Fick

Weigh-Out:
Recalled Truck ID#: 997
06:43 am 04/25/11

153760 lb Gross
52900 lb Tare
100860 lb Net
50.43 ton Net

State Certified Scale

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 24964

DATE	LOAD BY	COD
4-25-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
527		TKMS

MATERIAL

- ☒ CLASS IIA
- ☐ FILL SAND
- ☐ TOP SOIL
- ☐ CLASS III
- ☐ BEACH SAND
- ☐ 21AC
- ☐ PEA GRAVEL
- ☐ FILL DIRT
- ☐ BOULDERS
- ☐ OTHER _____

QUANTITY	TONS	YARDS

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Rec'd by: _____

Weigh-Out:
Recalled Truck ID#: 527
06:54 am 04/25/11

152700 lb Gross
52900 lb Tare
99800 lb Net
49.90 ton Net

State Certified Scale

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 24969

DATE	LOAD BY	COD
4-25-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
795		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 795
08:57 am 04/25/11

152760 lb Gross
52420 lb Tare
100340 lb Net
50.17 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____ Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 24973

DATE	LOAD BY	COD
4-25-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
871		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☑ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: ~~87~~ 871
09:02 am 04/25/11

153380 lb Gross
52080 lb Tare
101300 lb Net
50.90 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____ Rec'd by: _____

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 24976

DATE	LOAD BY	COD
4-25-11	J	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
018		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 018
09:59 am 04/25/11

149960 lb Gross
52640 lb Tare
97320 lb Net
48.66 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 24977

DATE	LOAD BY	COD
4-25-11	GK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
017		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 017
10:03 am 04/25/11

153340 lb Gross
52080 lb Tare
101260 lb Net
50.63 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 24979

DATE	LOAD BY	COD
4-25-11	GK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
010		TKMS

MATERIAL

- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT
- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 010
10:14 am 04/25/11

150640 lb Gross
52500 lb Tare
98140 lb Net
49.02 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 24981

DATE	LOAD BY	COD
4-25-11	GK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
527		TKMS

MATERIAL

- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT
- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 527
10:22 am 04/25/11

153380 lb Gross
52900 lb Tare
100480 lb Net
50.24 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 24982

DATE	LOAD BY	COD
4-25-11	GK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
390		TKMS

MATERIAL

- ☒ CLASS IIA
- ☐ FILL SAND
- ☐ TOP SOIL
- ☐ CLASS III
- ☐ BEACH SAND
- ☐ 21AC
- ☐ PEA GRAVEL
- ☐ FILL DIRT
- ☐ BOULDERS
- ☐ OTHER _____

QUANTITY	TONS	YARDS

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Weigh-Out:
Recalled Truck ID#: 390
10:30 am 04/25/11

153540 lb Gross
53640 lb Tare
99900 lb Net
49.95 ton Net

State Certified Scale

Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 24983

DATE	LOAD BY	COD
4-25-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
015		TKMS

MATERIAL

- ☒ CLASS IIA
- ☐ FILL SAND
- ☐ TOP SOIL
- ☐ CLASS III
- ☐ BEACH SAND
- ☐ 21AC
- ☐ PEA GRAVEL
- ☐ FILL DIRT
- ☐ BOULDERS
- ☐ OTHER _____

QUANTITY	TONS	YARDS

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Weigh-Out:
Recalled Truck ID#: 015
10:44 am 04/25/11

151600 lb Gross
52670 lb Tare
98930 lb Net
49.41 ton Net

State Certified Scale

Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 24985

DATE	LOAD BY	COD
4-25-11	GK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
391		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☑ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Rec'd by: _____

Weigh-Out:
Recalled Truck ID#: 39
11:20 am 04/25/11

150920 lb Gross
52720 lb Tare
98200 lb Net
49.10 ton Net

State Certified Scale

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 24992

DATE	LOAD BY	COD
4-26-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
953		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 953
06:29 am 04/26/11

154920 lb Gross
51700 lb Tare
103120 lb Net
51.56 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 24993

DATE	LOAD BY	COD
4-26-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
527		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 527
06:41 am 04/26/11

153560 lb Gross
52900 lb Tare
100660 lb Net
50.33 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed:

Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 24994

DATE	LOAD BY	COD
4-26-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
018		TKMS

MATERIAL

- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT
- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS

QUANTITY	TONS	YARDS

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Weigh-Out:
Recalled Truck ID#: 018
06:38 am 04/26/11

153280 lb Gross
52640 lb Tare
100640 lb Net
50.32 ton Net

State Certified Scale

Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 24996

DATE	LOAD BY	COD
4-26-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
392		TKMS

MATERIAL

- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT
- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS

QUANTITY	TONS	YARDS

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Weigh-Out:
Recalled Truck ID#: 392
06:47 am 04/26/11

153300 lb Gross
54920 lb Tare
98980 lb Net
49.49 ton Net

State Certified Scale

Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25000

DATE	LOAD BY	COD
4-26-11	JK	☐

CUSTOMER / JOB: Tkms 11-6043

TRUCK NO.	DRIVER	CARRIER
014		Tkms

MATERIAL

- ☒ CLASS IIA
- ☐ FILL SAND
- ☐ TOP SOIL
- ☐ CLASS III
- ☐ BEACH SAND
- ☐ 21AC
- ☐ PEA GRAVEL
- ☐ FILL DIRT
- ☐ BOULDERS
- ☐ OTHER

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 014
07:19 am 04/26/11

153280 lb Gross
52480 lb Tare
100800 lb Net
50.40 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____ Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25001

DATE	LOAD BY	COD
4-26-11	JK	☐

CUSTOMER / JOB: Tkms [redacted] 11-6043

TRUCK NO.	DRIVER	CARRIER
997		Tkms

MATERIAL

- ☒ CLASS IIA
- ☐ FILL SAND
- ☐ TOP SOIL
- ☐ CLASS III
- ☐ BEACH SAND
- ☐ 21AC
- ☐ PEA GRAVEL
- ☐ FILL DIRT
- ☐ BOULDERS
- ☐ OTHER

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 997
07:15 am 04/26/11

152240 lb Gross
53260 lb Tare
98980 lb Net
49.49 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____ Rec'd by: Rick

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25004

DATE	LOAD BY	COD
4-26-11	GK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
009		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 009
11:10 am 04/26/11

152160 lb Gross
52060 lb Tare
100100 lb Net
50.05 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____ **Rec'd by:** _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25005

DATE	LOAD BY	COD
4-26-11	GK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
392		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 392
11:37 am 04/26/11

154660 lb Gross
54820 lb Tare
99840 lb Net
49.92 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____ **Rec'd by:** _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25006

DATE	LOAD BY	COD
4-26-11	GK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
527		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Weigh-Out:
Recalled Truck ID#: 527
11:36 am 04/26/11

152220 lb Gross
52900 lb Tare
99320 lb Net
49.66 ton Net

State Certified Scale

Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25008

DATE	LOAD BY	COD
4-22-11	GK	☐

CUSTOMER / JOB: TKMS 11- 6043

TRUCK NO.	DRIVER	CARRIER
008		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Weigh-Out:
Recalled Truck ID#: 008
11:40 am 04/26/11

153880 lb Gross
53000 lb Tare
100880 lb Net
50.44 ton Net

State Certified Scale

Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25009

DATE	LOAD BY	COD
4-26-11	GK	☐

CUSTOMER / JOB: THMS 11-6043

TRUCK NO.	DRIVER	CARRIER
017		THMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 017
11:44 am 04/26/11

152340 lb Gross
52080 lb Tare
100260 lb Net
50.13 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25010

DATE	LOAD BY	COD
4-26-11	GK	☐

CUSTOMER / JOB: THMS 11-6043

TRUCK NO.	DRIVER	CARRIER
010		THMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 010
12:01 pm 04/26/11

152900 lb Gross
52600 lb Tare
100300 lb Net
50.15 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25011

DATE	LOAD BY	COD
4-26-11	GK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
014		TKMS

MATERIAL

- ☒ CLASS IIA
- ☐ FILL SAND
- ☐ TOP SOIL
- ☐ CLASS III
- ☐ BEACH SAND
- ☐ 21AC
- ☐ PEA GRAVEL
- ☐ FILL DIRT
- ☐ BOULDERS
- ☐ OTHER

QUANTITY	TONS	YARDS

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed:

Rec'd by:

Weigh-Out:
Recalled Truck ID#: 014
12:04 pm 04/26/11

149400 lb Gross
53480 lb Tare
96320 lb Net
48.46 ton Net

State Certified Scale

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25012

DATE	LOAD BY	COD
4-26-11	GK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
31		TKMS

MATERIAL

- ☒ CLASS IIA
- ☐ FILL SAND
- ☐ TOP SOIL
- ☐ CLASS III
- ☐ BEACH SAND
- ☐ 21AC
- ☐ PEA GRAVEL
- ☐ FILL DIRT
- ☐ BOULDERS
- ☐ OTHER

QUANTITY	TONS	YARDS

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed:

Rec'd by:

Weigh-Out:
Recalled Truck ID#: 31
12:39 pm 04/26/11

149980 lb Gross
51040 lb Tare
98940 lb Net
49.47 ton Net

State Certified Scale

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25014

DATE	LOAD BY	COD
4-26-11	GK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
374		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER _____
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Scrolled Truck ID#: 374
01:43 PM 04/26/11

154060 lb Gross
56060 lb Tare
98000 lb Net
49.00 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25017

DATE	LOAD BY	COD
4-28-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
527		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 527
06:20 am 04/28/11

154160 lb	Gross
52900 lb	Tare
101260 lb	Net
50.63 ton	Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____ **Rec'd by:** _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25018

DATE	LOAD BY	COD
4-28-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
795		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 795
06:43 am 04/28/11

153920 lb	Gross
52420 lb	Tare
101500 lb	Net
50.75 ton	Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____ **Rec'd by:** _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25019

DATE	LOAD BY	COD
4-28-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
31		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Weigh-Out:
Recalled Truck ID#: 31
06:29 am 04/28/11

149860 lb Gross
51040 lb Tare
98820 lb Net
49.41 ton Net

State Certified Scale

Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25020

DATE	LOAD BY	COD
4-28-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
51		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Weigh-Out:
Recalled Truck ID#: 51
06:26 am 04/28/11

152160 lb Gross
51320 lb Tare
100840 lb Net
50.42 ton Net

State Certified Scale

Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25021

DATE	LOAD BY	COD
4-28-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
953		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Weigh-Out:
Recalled Truck ID#: 953
06:22 am 04/28/11

152740 lb Gross
51700 lb Tare
101040 lb Net
50.52 ton Net

State Certified Scale

Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25022

DATE	LOAD BY	COD
4-28-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
392		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Weigh-Out:
Recalled Truck ID#: 392
06:24 am 04/28/11

152180 lb Gross
54820 lb Tare
97360 lb Net
48.68 ton Net

State Certified Scale

Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25023

DATE	LOAD BY	COD
4-28-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
014		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 014
06:33 am 04/28/11

151900 lb Gross
52480 lb Tare
99320 lb Net
49.66 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____ Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25024

DATE	LOAD BY	COD
4-28-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
994		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 994
06:40 am 04/28/11

148660 lb Gross
51980 lb Tare
96680 lb Net
48.34 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____ Rec'd by: Bill Lewis

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25025

DATE	LOAD BY	COD
4-28-11	JK	☐

CUSTOMER / JOB: TKMS

TRUCK NO.	DRIVER	CARRIER
871		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-In:
MAN WT Truck ID#: 871
06:37 am 04/28/11
53180 lb
Weigh-Out:
Recalled Truck ID#: 871
06:46 am 04/28/11

153340 lb Gross
53180 lb Tare
100160 lb Net
50.08 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25027

DATE	LOAD BY	COD
4-28-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
35		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 35
06:57 am 04/28/11

152160 lb Gross
52000 lb Tare
100160 lb Net
50.08 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25028

DATE	LOAD BY	COD
4-28-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
087		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 087
07:02 am 04/28/11

153060 lb Gross
51740 lb Tare
101340 lb Net
50.67 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25029

DATE	LOAD BY	COD
4-28-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
017		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 017
09:10 am 04/28/11

130540 lb Gross
52080 lb Tare
98460 lb Net
49.23 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25030

DATE	LOAD BY	COD
4-28-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
997		TKMS

MATERIAL

- ☒ CLASS IIA
- ☐ FILL SAND
- ☐ TOP SOIL
- ☐ CLASS III
- ☐ BEACH SAND
- ☐ 21AC
- ☐ PEA GRAVEL
- ☐ FILL DIRT
- ☐ BOULDERS
- ☐ OTHER

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 997
09:14 am 04/28/11

153940 lb Gross
53260 lb Tare
100680 lb Net
50.34 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____ Rec'd by: Rick

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25031

DATE	LOAD BY	COD
4-28-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
392		TKMS

MATERIAL

- ☒ CLASS IIA
- ☐ FILL SAND
- ☐ TOP SOIL
- ☐ CLASS III
- ☐ BEACH SAND
- ☐ 21AC
- ☐ PEA GRAVEL
- ☐ FILL DIRT
- ☐ BOULDERS
- ☐ OTHER

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 392
09:18 am 04/28/11

152640 lb Gross
54820 lb Tare
97820 lb Net
48.91 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____ Rec'd by: Rob

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25032

DATE	LOAD BY	COD
4-28-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
018		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 018
09:37 am 04/28/11

151500 lb Gross
52640 lb Tare
98860 lb Net
49.43 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____ Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25033

DATE	LOAD BY	COD
4-28-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
31		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 31
09:33 am 04/28/11

151760 lb Gross
51040 lb Tare
100720 lb Net
50.36 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____ Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25034

DATE	LOAD BY	COD
4-28-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
51		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 51
09:29 am 04/28/11

151360 lb Gross
51320 lb Tare
100540 lb Net
50.27 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Rec'd by: [illegible]

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25035

DATE	LOAD BY	COD
4-28-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
015		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 015
10:06 am 04/28/11

152900 lb Gross
52780 lb Tare
100120 lb Net
50.06 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Rec'd by: [illegible]

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25037

DATE	LOAD BY	COD
4-28-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
009		TKMS

MATERIAL

- ☒ CLASS IIA
- ☐ FILL SAND
- ☐ TOP SOIL
- ☐ CLASS III
- ☐ BEACH SAND
- ☐ 21AC
- ☐ PEA GRAVEL
- ☐ FILL DIRT
- ☐ BOULDERS
- ☐ OTHER

QUANTITY	TONS	YARDS

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Rec'd by: _____

Weigh-Out:
Recalled Truck ID#: 009
10:21 am 04/28/11

152380 lb Gross
52060 lb Tare
100320 lb Net
50.16 ton Net

State Certified Scale

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25038

DATE	LOAD BY	COD
4-28-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
010		TKMS

MATERIAL

- ☒ CLASS IIA
- ☐ FILL SAND
- ☐ TOP SOIL
- ☐ CLASS III
- ☐ BEACH SAND
- ☐ 21AC
- ☐ PEA GRAVEL
- ☐ FILL DIRT
- ☐ BOULDERS
- ☐ OTHER

QUANTITY	TONS	YARDS

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Rec'd by: _____

Weigh-Out:
Recalled Truck ID#: 010
10:25 am 04/28/11

149980 lb Gross
52600 lb Tare
97380 lb Net
48.69 ton Net

State Certified Scale

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25039

DATE	LOAD BY	COD
4-28-11	JK	☐

CUSTOMER / JOB: THMS 11-6043

TRUCK NO.	DRIVER	CARRIER
008		THMS

MATERIAL

- ☒ CLASS IIA
- ☐ FILL SAND
- ☐ TOP SOIL
- ☐ CLASS III
- ☐ BEACH SAND
- ☐ 21AC
- ☐ PEA GRAVEL
- ☐ FILL DIRT
- ☐ BOULDERS
- ☐ OTHER

QUANTITY	TONS	YARDS

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Rec'd by: _____

Weigh-Out:
Recalled Truck ID#: 008
10:19 am 04/28/11

154220	lb	Gross
53000	lb	Tare
101220	lb	Net
50.61	ton	Net

State Certified Scale

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25040

DATE	LOAD BY	COD
4-28-11	JK	☐

CUSTOMER / JOB: THMS 11-6043

TRUCK NO.	DRIVER	CARRIER
527		THMS

MATERIAL

- ☒ CLASS IIA
- ☐ FILL SAND
- ☐ TOP SOIL
- ☐ CLASS III
- ☐ BEACH SAND
- ☐ 21AC
- ☐ PEA GRAVEL
- ☐ FILL DIRT
- ☐ BOULDERS
- ☐ OTHER

QUANTITY	TONS	YARDS

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Rec'd by: _____

Weigh-Out:
Recalled Truck ID#: 527
10:28 am 04/28/11

151060	lb	Gross
52900	lb	Tare
98160	lb	Net
49.08	ton	Net

State Certified Scale

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25041

DATE	LOAD BY	COD
4-28-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
953		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 953
10:32 am 04/28/11

152160 lb Gross
51700 lb Tare
100460 lb Net
50.23 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25042

DATE	LOAD BY	COD
4-28-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
795		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 795
10:59 am 04/28/11

152500 lb Gross
52420 lb Tare
100080 lb Net
50.04 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25043

DATE	LOAD BY	COD
4-28-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
871		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 871
11:03 am 04/28/11

152290 lb Gross
53180 lb Tare
99100 lb Net
49.55 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____ Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25044

DATE	LOAD BY	COD
4-28-11	GW	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
53		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 53
11:06 am 04/28/11

153400 lb Gross
52040 lb Tare
101360 lb Net
50.68 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____ Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25045

DATE	LOAD BY	COD
4-28-11	GW	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
373		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 373
11:08 am 04/28/11

155020 lb Gross
51640 lb Tare
103380 lb Net
51.69 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____ Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25047

DATE	LOAD BY	COD
4-28-11	GW	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
014		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 014
11:33 am 04/28/11

152980 lb Gross
52480 lb Tare
100500 lb Net
50.25 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____ Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25048

DATE	LOAD BY	COD
4-28-11	GW	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
017		TKMS

MATERIAL

- ☒ CLASS IIA
- ☐ FILL SAND
- ☐ TOP SOIL
- ☐ CLASS III
- ☐ BEACH SAND
- ☐ 21AC
- ☐ PEA GRAVEL
- ☐ FILL DIRT
- ☐ BOULDERS
- ☐ OTHER

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 017
11:38 am 04/28/11

149380 lb Gross
52380 lb Tare
97000 lb Net
48.90 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25049

DATE	LOAD BY	COD
4-28-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
392		TKMS

MATERIAL

- ☒ CLASS IIA
- ☐ FILL SAND
- ☐ TOP SOIL
- ☐ CLASS III
- ☐ BEACH SAND
- ☐ 21AC
- ☐ PEA GRAVEL
- ☐ FILL DIRT
- ☐ BOULDERS
- ☐ OTHER

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 392
11:51 am 04/28/11

153900 lb Gross
54820 lb Tare
99080 lb Net
49.54 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25050

DATE	LOAD BY	COD
4-28-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
997		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 997
11:55 am 04/28/11

153080 lb Gross
53260 lb Tare
99820 lb Net
49.91 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25051

DATE	LOAD BY	COD
4-28-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
51		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 51
12:01 pm 04/28/11

151680 lb Gross
51320 lb Tare
100360 lb Net
50.18 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25052

DATE	LOAD BY	COD
4-28-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
31		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 31
12:05 pm 04/28/11

153540 lb Gross
51040 lb Tare
102500 lb Net
51.25 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25053

DATE	LOAD BY	COD
4-28-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
018		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 018
12:09 pm 04/28/11

152460 lb Gross
52640 lb Tare
99820 lb Net
49.91 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25054

DATE	LOAD BY	COD
4-28-1	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
015		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 015
12:33 pm 04/28/11

153800 lb Gross
52780 lb Tare
100020 lb Net
50.01 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25055

DATE	LOAD BY	COD
4-28-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
008		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 008
12:38 pm 04/28/11

153060 lb Gross
53000 lb Tare
100060 lb Net
50.03 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25056

DATE	LOAD BY	COD
4-28-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
009		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 009
12:45 PM 04/28/11

151000 lb Gross
52060 lb Tare
98940 lb Net
49.47 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____ **Rec'd by:** _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25057

DATE	LOAD BY	COD
4-28-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
010		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 010
12:55 PM 04/28/11

150100 lb Gross
51500 lb Tare
98600 lb Net
49.30 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____ **Rec'd by:** _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25058

DATE	LOAD BY	COD
4-28-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
527		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 527
12:58 PM 04/28/11

153580 lb Gross
52900 lb Tare
100680 lb Net
50.34 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25059

DATE	LOAD BY	COD
4-28-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
35		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 35
01:02 PM 04/28/11

151120 lb Gross
52000 lb Tare
99120 lb Net
49.56 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25060

DATE	LOAD BY	COD
4-28-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
953		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 953
01:06 pm 04/28/11

152540 lb Gross
51700 lb Tare
100840 lb Net
50.42 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25061

DATE	LOAD BY	COD
4-28-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
795		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 795
01:18 pm 04/28/11

152980 lb Gross
52520 lb Tare
100460 lb Net
50.23 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25062

DATE	LOAD BY	COD
4-28-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
871		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 871
01:23 pm 04/28/11

153600 lb Gross
53180 lb Tare
100620 lb Net
50.31 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25063

DATE	LOAD BY	COD
4-28-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
087		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 087
01:27 pm 04/28/11

152340 lb Gross
51740 lb Tare
100600 lb Net
50.30 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25064

DATE	LOAD BY	COD
4-28-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
373		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 373
01:39 pm 04/28/11

151360 lb Gross
51640 lb Tare
99720 lb Net
49.86 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____ **Rec'd by:** _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25065

DATE	LOAD BY	COD
4-28-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
53		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 53
01:35 pm 04/28/11

151220 lb Gross
52040 lb Tare
99180 lb Net
49.59 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____ **Rec'd by:** _____

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25066

DATE	LOAD BY	COD
4-28-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
994		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER _____
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Weight-Out
Recalled Truck ID#: 994
01:43 PM 04/28/11

149000 lb Gross
51960 lb Tare
97040 lb Net
48.41 tons Net

State Certified Scale

Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25073

DATE	LOAD BY	COD
4-29-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
795		TKMS

MATERIAL

- ☒ CLASS IIA
- ☐ FILL SAND
- ☐ TOP SOIL
- ☐ CLASS III
- ☐ BEACH SAND
- ☐ 21AC
- ☐ PEA GRAVEL
- ☐ FILL DIRT
- ☐ BOULDERS
- ☐ OTHER _____

QUANTITY	TONS	YARDS

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Rec'd by: _____

Weigh-Out:
Recalled Truck ID#: 795
06:41 am 04/29/11

152880 lb Gross
52420 lb Tare
100460 lb Net
50.23 ton Net

State Certified Scale

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25077

DATE	LOAD BY	COD
4-29-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
871		TKMS

MATERIAL

- ☒ CLASS IIA
- ☐ FILL SAND
- ☐ TOP SOIL
- ☐ CLASS III
- ☐ BEACH SAND
- ☐ 21AC
- ☐ PEA GRAVEL
- ☐ FILL DIRT
- ☐ BOULDERS
- ☐ OTHER _____

QUANTITY	TONS	YARDS

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Rec'd by: _____

Weigh-Out:
Recalled Truck ID#: 871
06:38 am 04/29/11

155180 lb Gross
53180 lb Tare
102000 lb Net
51.00 ton Net

State Certified Scale

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25078

DATE	LOAD BY	COD
4-29-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
33		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed:

Rec'd by:

Weigh-Out:
Recalled Truck ID#: 33
07:06 am 04/29/11

153900 lb Gross
51720 lb Tare
102180 lb Net
51.09 ton Net

State Certified Scale

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25082

DATE	LOAD BY	COD
4-29-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
35		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed:

Rec'd by:

Weigh-Out:
Recalled Truck ID#: 35
06:56 am 04/29/11

152280 lb Gross
52000 lb Tare
100280 lb Net
50.14 ton Net

State Certified Scale

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25083

DATE	LOAD BY	COD
4-29-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
374		TKMS

MATERIAL

- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT
- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS

QUANTITY	TONS	YARDS

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Weigh-Out:
Recalled Truck ID#: 374
07:12 am 04/29/11

154360 lb Gross
56060 lb Tare
98300 lb Net
49.15 ton Net

State Certified Scale

Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25084

DATE	LOAD BY	COD
4-29-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
391		TKMS

MATERIAL

- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT
- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS

QUANTITY	TONS	YARDS

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Weigh-Out:
Recalled Truck ID#: 391
07:00 am 04/29/11

154100 lb Gross
52720 lb Tare
101380 lb Net
50.69 ton Net

State Certified Scale

Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25085

DATE	LOAD BY	COD
4-29-11	JK	☐

CUSTOMER / JOB: Tkms 11-6043

TRUCK NO.	DRIVER	CARRIER
280		Tkms

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Weigh-Out:
Recalled Truck ID#: 280
07:02 am 04/29/11

150760 lb Gross
51980 lb Tare
98780 lb Net
49.39 ton Net

State Certified Scale

Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25088

DATE	LOAD BY	COD
4-29-11	JK	☐

CUSTOMER / JOB: Tkms 11-6043

TRUCK NO.	DRIVER	CARRIER
391		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Weigh-Out:
Recalled Truck ID#: 391
11:22 am 04/29/11

155480 lb Gross
52720 lb Tare
102760 lb Net
51.38 ton Net

State Certified Scale

Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25093

DATE	LOAD BY	COD
4-29-11	GK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
795		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER _____
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 795
10:28 am 04/29/11

152220 lb Gross
52420 lb Tare
99800 lb Net
49.90 tons Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____ **Rec'd by:** _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25094

DATE	LOAD BY	COD
4-29-11	GK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
871		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER _____
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 871
10:31 am 04/29/11

154040 lb Gross
53180 lb Tare
100860 lb Net
50.43 tons Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____ **Rec'd by:** _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25096

DATE	LOAD BY	COD
4-29-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
280		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Weigh-Out:
Recalled Truck ID#: 280
10:59 am 04/29/11

151300 lb Gross
51980 lb Tare
99320 lb Net
49.66 ton Net

State Certified Scale

Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25097

DATE	LOAD BY	COD
4-29-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
33		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Weigh-Out:
Recalled Truck ID#: 33
10:55 am 04/29/11

152200 lb Gross
51720 lb Tare
100480 lb Net
50.24 ton Net

State Certified Scale

Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25098

DATE	LOAD BY	COD
4-29-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
35		TKMS

MATERIAL

- ☒ CLASS IIA
- ☐ FILL SAND
- ☐ TOP SOIL
- ☐ CLASS III
- ☐ BEACH SAND
- ☐ 21AC
- ☐ PEA GRAVEL
- ☐ FILL DIRT
- ☐ BOULDERS
- ☐ OTHER _____

QUANTITY	TONS	YARDS

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____ Rec'd by: _____

Weigh-Out:
Recalled Truck ID#: 35
10:51 am 04/29/11

151480 lb Gross
52000 lb Tare
99480 lb Net
49.74 ton Net

State Certified Scale

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25105

DATE	LOAD BY	COD
4-29-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
001		TKMS

MATERIAL

- ☒ CLASS IIA
- ☐ FILL SAND
- ☐ TOP SOIL
- ☐ CLASS III
- ☐ BEACH SAND
- ☐ 21AC
- ☐ PEA GRAVEL
- ☒ FILL DIRT
- ☐ BOULDERS
- ☐ OTHER _____

QUANTITY	TONS	YARDS

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____ Rec'd by: _____

Weigh-In:
MAN WT Truck ID#: 001
01:46 pm 04/29/11
53480 lb
Weigh-Out:
Recalled Truck ID#: 001
01:58 pm 04/29/11

152920 lb Gross
53480 lb Tare
99440 lb Net
49.72 ton Net

State Certified Scale

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25106

DATE	LOAD BY	COD
4-29-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
996		TKMS

MATERIAL

- ☒ CLASS IIA
- ☐ FILL SAND
- ☐ TOP SOIL
- ☐ CLASS III
- ☐ BEACH SAND
- ☐ 21AC
- ☐ PEA GRAVEL
- ☐ FILL DIRT
- ☐ BOULDERS
- ☐ OTHER

QUANTITY	TONS	YARDS

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed:

Rec'd by:

Weigh-In:
MAN WT Truck ID#: 996
01:44 pm 04/29/11
52920 lb
Weigh-Out:
Recalled Truck ID#: 996
01:54 pm 04/29/11

151980 lb Gross
52920 lb Tare
99060 lb Net
49.53 ton Net

State Certified Scale

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25107

DATE	LOAD BY	COD
4-29-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
30		TKMS

MATERIAL

- ☒ CLASS IIA
- ☐ FILL SAND
- ☐ TOP SOIL
- ☐ CLASS III
- ☐ BEACH SAND
- ☐ 21AC
- ☐ PEA GRAVEL
- ☐ FILL DIRT
- ☐ BOULDERS
- ☐ OTHER

QUANTITY	TONS	YARDS

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed:

Rec'd by: KEELER 30

Weigh-In:
MAN WT Truck ID#: 30
01:43 pm 04/29/11
51740 lb
Weigh-Out:
Recalled Truck ID#: 30
01:50 pm 04/29/11

151820 lb Gross
51740 lb Tare
100080 lb Net
50.04 ton Net

State Certified Scale

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25112

DATE	LOAD BY	COD
4-29-11	GK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
019		TKMS

MATERIAL

- ☒ CLASS IIA
- ☐ FILL SAND
- ☐ TOP SOIL
- ☐ CLASS III
- ☐ BEACH SAND
- ☐ 21AC
- ☐ PEA GRAVEL
- ☐ FILL DIRT
- ☐ BOULDERS
- ☐ OTHER _____

QUANTITY	TONS	YARDS

Weigh-In:
MAN WT Truck ID#: 019
01:48 PM 04/29/11
54340 lb
Weigh-Out:
Recalled Truck ID#: 019
02:04 PM 04/29/11

154740	lb	Gross
54340	lb	Tare
100400	lb	Net
50.20	ton	Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____ Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25114

DATE	LOAD BY	COD
4-29-11	GK	☐

CUSTOMER / JOB: TKMS ~~[illegible]~~ 11-6043

TRUCK NO. (34)	DRIVER	CARRIER
034		TKMS

MATERIAL

- ☒ CLASS IIA
- ☐ FILL SAND
- ☐ TOP SOIL
- ☐ CLASS III
- ☐ BEACH SAND
- ☐ 21AC
- ☐ PEA GRAVEL
- ☐ FILL DIRT
- ☐ BOULDERS
- ☐ OTHER _____

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 034
02:28 PM 04/29/11

153340	lb	Gross
53980	lb	Tare
99360	lb	Net
49.68	ton	Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____ Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25118

DATE	LOAD BY	COD
4-29-11	GK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
020		TKMS

MATERIAL

- ☒ CLASS IIA
- ☐ FILL SAND
- ☐ TOP SOIL
- ☐ CLASS III
- ☐ BEACH SAND
- ☐ 21AC
- ☐ PEA GRAVEL
- ☐ FILL DIRT
- ☐ BOULDERS
- ☐ OTHER _____

QUANTITY	TONS	YARDS

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Rec'd by: _____

Weigh-In:
MAN WT Truck ID#: 020
02:36 pm 04/29/11
53380 lb
Weigh-Out:
Recalled Truck ID#: 020
02:42 pm 04/29/11

149620 lb Gross
53380 lb Tare
96240 lb Net
48.12 ton Net

State Certified Scale

05/17/2011 17:06 2486280357 TKMS PAGE 01/01

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25087

DATE	LOAD BY	COD
4-29-11	JK	☐

CUSTOMER / JOB: TKMS 11-6034

TRUCK NO.	DRIVER	CARRIER
374		TKMS

MATERIAL

- ☒ CLASS IIA
- ☐ FILL SAND
- ☐ TOP SOIL
- ☐ CLASS III
- ☐ BEACH SAND
- ☐ 21AC
- ☐ PEA GRAVEL
- ☐ FILL DIRT
- ☐ BOULDERS
- ☐ OTHER _____

QUANTITY	TONS	YARDS

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

R

Weigh-Out:
Recalled Truck ID#: 374
11:30 am 04/29/11

159020 lb Gross
56060 lb Tare
98960 lb Net
49.48 ton Net

State Certified Scale

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25121

DATE	LOAD BY	COD
4-30-11	GK	☐

CUSTOMER / JOB: TKM5 11-6043

TRUCK NO.	DRIVER	CARRIER
31		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 31
06:29 am 04/30/11

151900 lb Gross
51040 lb Tare
100860 lb Net
50.43 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25122

DATE	LOAD BY	COD
4-30-11	GK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
994		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 994
06:36 am 04/30/11

152700 lb Gross
51980 lb Tare
100720 lb Net
50.36 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25123

DATE	LOAD BY	COD
4-30-11	Gk	☐

CUSTOMER / JOB: Tkms 11-6043

TRUCK NO.	DRIVER	CARRIER
014		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 014
09:27 am 04/30/11

150360 lb Gross
52480 lb Tare
98380 lb Net
49.19 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____ **Rec'd by:** _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25124

DATE	LOAD BY	COD
4-30-11	Gk	☐

CUSTOMER / JOB: Tkms 11-6043

TRUCK NO.	DRIVER	CARRIER
527		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 527
09:17 am 04/30/11

149300 lb Gross
52900 lb Tare
96400 lb Net
48.20 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____ **Rec'd by:** _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25125

DATE	LOAD BY	COD
4-30-11	GK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
010		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 010
06:01 am 04/30/11

153020 lb Gross
51500 lb Tare
101520 lb Net
50.76 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____ Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25126

DATE	LOAD BY	COD
4-30-11	GK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
953		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 953
06:00 am 04/30/11

152560 lb Gross
51700 lb Tare
100860 lb Net
50.43 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____ Rec'd by: _____

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25127

DATE	LOAD BY	COD
4-30-11	GK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
008		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Rec'd by: _____

Weigh-Out:
Recalled Truck ID#: 008
05:59 am 04/30/11

154900 lb Gross
53000 lb Tare
101900 lb Net
50.95 ton Net

State Certified Scale

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25128

DATE	LOAD BY	COD
4-30-11	GK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
009		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Rec'd by: _____

Weigh-Out:
Recalled Truck ID#: 009
05:56 am 04/30/11

153980 lb Gross
52060 lb Tare
101920 lb Net
50.96 ton Net

State Certified Scale

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25129

DATE	LOAD BY	COD
4-30-11	GK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
018		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 018
06:03 am 04/30/11

152360 lb Gross
52640 lb Tare
99720 lb Net
49.86 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____ **Rec'd by:** _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25130

DATE	LOAD BY	COD
4-30-11	Gk	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
527		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 527
06:07 am 04/30/11

153360 lb Gross
52900 lb Tare
100460 lb Net
50.23 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: **Rec'd by:**

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25131

DATE	LOAD BY	COD
4-30-11	GK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
391		TKMS

MATERIAL

- ☒ CLASS IIA
- ☐ FILL SAND
- ☐ TOP SOIL
- ☐ CLASS III
- ☐ BEACH SAND
- ☐ 21AC
- ☐ PEA GRAVEL
- ☐ FILL DIRT
- ☐ BOULDERS
- ☐ OTHER

QUANTITY	TONS	YARDS

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Rec'd by: _____

Weigh-Out:
Recalled Truck ID#: 391
06:57 am 04/30/11

152160 lb Gross
52720 lb Tare
99440 lb Net
49.72 tons Net

State Certified Scale

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25132

DATE	LOAD BY	COD
4-30-11	GK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
014		TKMS

MATERIAL

- ☒ CLASS IIA
- ☐ FILL SAND
- ☐ TOP SOIL
- ☐ CLASS III
- ☐ BEACH SAND
- ☐ 21AC
- ☐ PEA GRAVEL
- ☐ FILL DIRT
- ☐ BOULDERS
- ☐ OTHER

QUANTITY	TONS	YARDS

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Rec'd by: _____

Weigh-Out:
Recalled Truck ID#: 014
06:10 am 04/30/11

151400 lb Gross
52480 lb Tare
98920 lb Net
49.46 tons Net

State Certified Scale

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25133

DATE	LOAD BY	COD
4-30-11	GK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
33		TKMS

MATERIAL

- ☒ CLASS IIA
- ☐ FILL SAND
- ☐ TOP SOIL
- ☐ CLASS III
- ☐ BEACH SAND
- ☐ 21AC
- ☐ PEA GRAVEL
- ☐ FILL DIRT
- ☐ BOULDERS
- ☐ OTHER _____

QUANTITY	TONS	YARDS

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Weigh-Out:
Recalled Truck ID#: 33
07:06 am 04/30/11

152840 lb Gross
51720 lb Tare
101120 lb Net
50.56 ton Net

State Certified Scale

Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25134

DATE	LOAD BY	COD
4-30-11	GK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
997		TKMS

MATERIAL

- ☒ CLASS IIA
- ☐ FILL SAND
- ☐ TOP SOIL
- ☐ CLASS III
- ☐ BEACH SAND
- ☐ 21AC
- ☐ PEA GRAVEL
- ☐ FILL DIRT
- ☐ BOULDERS
- ☐ OTHER _____

QUANTITY	TONS	YARDS

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Weigh-Out:
Recalled Truck ID#: 997
06:14 am 04/30/11

143320 lb Gross
53260 lb Tare
90060 lb Net
45.03 ton Net

State Certified Scale

Rec'd by: Rick

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25135

DATE	LOAD BY	COD
4-30-11	GK	☐

CUSTOMER / JOB: THMS 11-6043

TRUCK NO.	DRIVER	CARRIER
017		THMS

MATERIAL

- ☒ CLASS IIA
- ☐ FILL SAND
- ☐ TOP SOIL
- ☐ CLASS III
- ☐ BEACH SAND
- ☐ 21AC
- ☐ PEA GRAVEL
- ☐ FILL DIRT
- ☐ BOULDERS
- ☐ OTHER

QUANTITY	TONS	YARDS

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed:

Rec'd by:

Weigh-Out:
Recalled Truck ID#: 017
06:18 am 04/30/11

154440 lb Gross
52080 lb Tare
102360 lb Net
51.18 ton Net

State Certified Scale

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25136

DATE	LOAD BY	COD
4-30-11	GK	☐

CUSTOMER / JOB: THMS 11-6043

TRUCK NO.	DRIVER	CARRIER
280		THMS

MATERIAL

- ☒ CLASS IIA
- ☐ FILL SAND
- ☐ TOP SOIL
- ☐ CLASS III
- ☐ BEACH SAND
- ☐ 21AC
- ☐ PEA GRAVEL
- ☐ FILL DIRT
- ☐ BOULDERS
- ☐ OTHER

QUANTITY	TONS	YARDS

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed:

Rec'd by:

Weigh-Out:
Recalled Truck ID#: 280
07:02 am 04/30/11

151180 lb Gross
51980 lb Tare
99200 lb Net
49.60 ton Net

State Certified Scale

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25137

DATE	LOAD BY	COD
4-30-11	GK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
392		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 392
06:22 am 04/30/11

152640 lb Gross
54320 lb Tare
97320 lb Net
48.91 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25138

DATE	LOAD BY	COD
4-30-11	GK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
015		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 015
06:25 am 04/30/11

155420 lb Gross
52780 lb Tare
102640 lb Net
51.32 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Rec'd by: Duane.

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25139

DATE	LOAD BY	COD
4-30-11	GK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
087		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 087
06:40 am 04/30/11

153100 lb Gross
51740 lb Tare
101360 lb Net
50.68 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25143

DATE	LOAD BY	COD
4-30-11	GK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
51		TKMS

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 51
06:33 am 04/30/11

153300 lb Gross
51320 lb Tare
102480 lb Net
51.24 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25144

DATE	LOAD BY	COD
4-30-11	JK	☐

CUSTOMER / JOB: Tkms 11-6043

TRUCK NO.	DRIVER	CARRIER
953		Tkms

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 953
09:06 am 04/30/11

151160 lb Gross
51700 lb Tare
99460 lb Net
49.73 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25146

DATE	LOAD BY	COD
4-30-11	GK	☐

CUSTOMER / JOB: Tkms 11-6043

TRUCK NO.	DRIVER	CARRIER
374		Tkms

MATERIAL

- ☐ TOP SOIL
- ☐ 21AC
- ☐ BOULDERS
- ☒ CLASS IIA
- ☐ CLASS III
- ☐ PEA GRAVEL
- ☐ OTHER
- ☐ FILL SAND
- ☐ BEACH SAND
- ☐ FILL DIRT

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 374
07:16 am 04/30/11

156400 lb Gross
56060 lb Tare
100340 lb Net
50.17 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____

Rec'd by: _____

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25156

DATE	LOAD BY	COD
4-30-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
015		TKMS

MATERIAL

- ☒ CLASS IIA
- ☐ FILL SAND
- ☐ TOP SOIL
- ☐ CLASS III
- ☐ BEACH SAND
- ☐ 21AC
- ☐ PEA GRAVEL
- ☐ FILL DIRT
- ☐ BOULDERS
- ☐ OTHER _____

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 015
09:42 am 04/30/11

150640 lb Gross
52780 lb Tare
97860 lb Net
48.93 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____ **Rec'd by:** Duane.

Since 1870

KOENIG SAND & GRAVEL LLC

1955 LAKEVILLE ROAD, OXFORD, MI 48371
PHONE (248) 628-2711 FAX: (248) 628-2739

TICKET NO 25157

DATE	LOAD BY	COD
4-30-11	JK	☐

CUSTOMER / JOB: TKMS 11-6043

TRUCK NO.	DRIVER	CARRIER
392		TKMS

MATERIAL

- ☒ CLASS IIA
- ☐ FILL SAND
- ☐ TOP SOIL
- ☐ CLASS III
- ☐ BEACH SAND
- ☐ 21AC
- ☐ PEA GRAVEL
- ☐ FILL DIRT
- ☐ BOULDERS
- ☐ OTHER _____

QUANTITY	TONS	YARDS

Weigh-Out:
Recalled Truck ID#: 392
09:39 am 04/30/11

154260 lb Gross
54820 lb Tare
99440 lb Net
49.72 ton Net

State Certified Scale

This certifies that the material represented here is being shipped from certified stock. Koenig Plant #63-9

Signed: _____ **Rec'd by:** Rob

Gravel

4/21/2011												
50.16												
47.27												
49.67												
147.10	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
subtotal	subtotal	subtotal	subtotal	subtotal	subtotal	subtotal	subtotal	subtotal	subtotal	subtotal	subtotal	subtotal

TOTAL	**147.10**

4

BARRETT PAVING MATERIALS INC.
12475 PLEASANT LAKE ROAD
MANCHESTER, MI 48158
(734) 428-8339

M.D.O.T.
Certified Material
Barrett Paving Materials 81-84
Material Description _____
Project or Plant _____

I hereby certify that the above statements are true and the aggregate as delivered meets specification requirements for stated Michigan series number and class letter.

Authorized Representative _____

SOLD TO
OSBURN, DALE INC
DELIVERY ADDRESS
2011 SEASON QUOTE
SELKIRK

SPECIAL INSTRUCTIONS

42040-446099

DATE	CUST ACCT NO	CUST PO NO	CUST JOB NO	TRUCK NO	TICKET NO
4/21/2011	10486		3234	OSB680	446099
PROD CODE 213010	PROD DESCRIPTION 22A GRAVEL			CONTRACT NO	PIT/PLT 211

STATE TEST MATERIALS			
MATERIAL	PLANT NO	UNIT PRICE	TIME OUT 2:48:46
TEST REPORT NO	TEST DATE	NET PRICE	LOAD NO 1
		TAX	GROSS WT 153940
*	Manual Weight	TOTAL	TARE WT 53620
CERTIFIED BY	METRIC	50.16 TONS 45.50 TONES	NET WT 100320
			JOB ACCUM 50.16

DRIVER _____ RECEIVED BY _____

5

BARRETT PAVING MATERIALS INC.
12475 PLEASANT LAKE ROAD
MANCHESTER, MI 48158
(734) 428-8339

M.D.O.T.
Certified Material
Barrett Paving Materials 81-84
Material Description _____
Project or Plant _____

I hereby certify that the above statements are true and the aggregate as delivered meets specification requirements for stated Michigan series number and class letter.

Authorized Representative _____

SOLD TO
OSBURN, DALE INC
DELIVERY ADDRESS
2011 SEASON QUOTE
SELKIRK

SPECIAL INSTRUCTIONS

42040-446100

DATE	CUST ACCT NO	CUST PO NO	CUST JOB NO	TRUCK NO	TICKET NO
4/21/2011	10486		3234	OSB695	446100
PROD CODE 213010	PROD DESCRIPTION 22A GRAVEL			CONTRACT NO	PIT/PLT 211

STATE TEST MATERIALS			
MATERIAL	PLANT NO	UNIT PRICE	TIME OUT 2:53:30
TEST REPORT NO	TEST DATE	NET PRICE	LOAD NO 2
		TAX	GROSS WT 153480
*	Manual Weight	TOTAL	TARE WT 58940
CERTIFIED BY	METRIC	47.27 TONS 42.88 TONES	NET WT 94540
			JOB ACCUM 97.43

DRIVER _____ RECEIVED BY _____

4

BARRETT PAVING MATERIALS INC.
12475 PLEASANT LAKE ROAD
MANCHESTER, MI 48158
(734) 428-8339

M.D.O.T.
Certified Material
Barrett Paving Materials 81-84
Material Description _____
Project or Plant _____

I hereby certify that the above statements are true and the aggregate as delivered meets specification requirements for stated Michigan series number and class letter.

Authorized Representative _____

SOLD TO
OSBURN, DALE INC
DELIVERY ADDRESS
2011 SEASON QUOTE
SELKIRK
SPECIAL INSTRUCTIONS

42040-446106

DATE	CUST ACCT NO	CUST PO NO	CUST JOB NO	TRUCK NO	TICKET NO
4/21/2011	10486		3234	OSB715	446106
PROD CODE	PROD DESCRIPTION			CONTRACT NO	PIT/PLT
213010	22A GRAVEL				211

STATE TEST MATERIALS		UNIT PRICE	TIME OUT
MATERIAL	PLANT NO	NET PRICE	3:42:42
TEST REPORT NO	TEST DATE	TAX	LOAD NO 3
*	Manual Weight	TOTAL	GROSS WT 152020
CERTIFIED BY	METRIC	49.67 TONS 45.06 TONES	TARE WT 52680
			NET WT 99340
			JOB ACCUM 147.10

DRIVER _____ RECEIVED BY _____

Peastone

4/29/2011	5/2/2011											
49.15	48.67											
	50.59											
	47.85											
	53.82											
	49.13											
	49.09											
	48.95											
	50.14											
	50.43											
	49.76											
49.15	**498.43**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
subtotal	subtotal	subtotal	subtotal	subtotal	subtotal	subtotal	subtotal	subtotal	subtotal	subtotal	subtotal	subtotal

TOTAL	**547.58**

TRIPLICATE

M.D.O.T.
Certified Material
Barrett Paving Materials 81-84
Material Description _____
Project or Plant _____

I hereby certify that the above statements are true and the aggregate as delivered meets specification requirements for stated Michigan series number and class letter.

Authorized Representative _____

BARRETT PAVING MATERIALS INC.
12475 PLEASANT LAKE ROAD
MANCHESTER, MI 48158
(734) 428-8339

SOLD TO
OSBURN, DALE INC

DELIVERY ADDRESS
SELKIRK

SPECIAL INSTRUCTIONS

42040- 446270

DATE	CUST ACCT NO	CUST PO NO	CUST JOB NO	TRUCK NO	TICKET NO
4/29/2011	10486		3312	OSB700	446270

PROD CODE	PROD DESCRIPTION	CONTRACT NO	PIT/PLT
411200	PEA PEBBLES-34R		211

STATE TEST MATERIALS			
MATERIAL	PLANT NO	NET PRICE	LOAD NO 1
TEST REPORT NO	TEST DATE	TAX	GROSS WT 152680
*	Manual Weight	TOTAL	TARE WT 54380
CERTIFIED BY	METRIC	49.15 TONS 44.59 TONES	NET WT 98300
			JOB ACCUM 49.15

UNIT PRICE
TIME OUT 1:25:48

DRIVER _____ RECEIVED BY _____

Shipped From: American Aggregates Ray Rd
275 Ray Rd
Oxford
MDOT63-115

02-May-2011

Ticket No.
4945986
Order #: 257

Levy Proj: 3828

Sold To: Dale Osburn Inc
Cust # 1639 5850 Pardee
Taylor

Ship To: Pick Up for Detoirt

PO Number:
Proj #: 0 Pick Up
Dely Instructions:

Carrier Dale Osburn Inc Truck 301-735 OSB735 Zone Delv Method 01 FOB

	Matl Description	Gross Tons	Tare Tons	Net Tons
Trk# 301-735 Trlr	1042 PEA GRAVEL GR	75.86	27.19	48.67
	TOTAL WEIGHTS:	75.86	27.19	48.67

Load Time: 11:05

Time Printed: 11:26

Accum Total: 48.67

Ron

DRIVER X

CUSTOMER X

I hereby certify that aggregate as delivered meets specification requirements for stated Michigan series, number and class in the quantity stated

Customer Copy 1

~~Shipped~~ From: American Aggregates Ray Rd
275 Ray Rd
Oxford
MDOT63-115

02-May-2011

Ticket No.
4945989
Order #: 257

Levy Proj: 3828

Sold To: Dale Osburn Inc
Cust # 1639 5850 Pardee
Taylor

Ship To: Pick Up for Detoirt

PO Number:
Proj #: 0 Pick Up
Dely Instructions:

Carrier Dale Osburn Inc Truck 301-745 OSB745 Zone Delv Method 01 FOB

	Matl Description	Gross Tons	Tare Tons	Net Tons
Trk# 301-745 Trlr	1042 PEA GRAVEL GR	76.39	25.80	50.59
	TOTAL WEIGHTS:	76.39	25.80	50.59

Load Time: 11:13

Time Printed: 11:28

Accum Total: 99.26

DRIVER X

CUSTOMER X

I hereby certify that aggregate as delivered meets specification requirements for stated Michigan series, number and class in the quantity stated

Shipped From: American Aggregates Ray Rd
275 Ray Rd
Oxford
MDOT63-115

02-May-2011

Ticket No.
4946233

Levy Proj: 3828 Order #: 257

Sold To: Dale Osburn Inc
Cust # 1639 5850 Pardee
Taylor

Ship To: Pick Up for Detoirt

PO Number:
Proj #: 0 Pick Up
Dely Instructions:

Carrier Truck AA72742 SIT32 Zone Delv Method 01 FOB

	Matl Description	Gross Tons	Tare Tons	Net Tons
Trk# AA72742 Trlr	1042 PEA GRAVEL GR	77.00	29.15	47.85
	TOTAL WEIGHTS:	77.00	29.15	47.85

Load Time: 12:28

Time Printed: 12:45

Accum Total: 147.11

DRIVER X Romo

CUSTOMER X

I hereby certify that aggregate as delivered meets specification requirements for stated Michigan series, number and class in the quantity stated

Driver Copy

Shipped From: American Aggregates Ray Rd
275 Ray Rd
Oxford
MDOT63-115

02-May-2011

Ticket No.
4946531

Levy Proj: 3828 Order #: 257

Sold To: Dale Osburn Inc
Cust # 1639 5850 Pardee
Taylor

Ship To: Pick Up for Detoirt

PO Number:
Proj #: 0 Pick Up
Dely Instructions:

Carrier Dale Osburn Inc Truck 301-725 OSB725 Zone Delv Method 01 FOB

	Matl Description	Gross Tons	Tare Tons	Net Tons
Trk# 301-725 Trlr	1042 PEA GRAVEL GR	80.04	26.22	53.82
	TOTAL WEIGHTS:	80.04	26.22	53.82

Load Time: 13:59

Time Printed: 14:21

Accum Total: 200.93

DRIVER X

CUSTOMER X

I hereby certify that aggregate as delivered meets specification requirements for stated Michigan series, number and class in the quantity stated

Customer Copy 2

4

BARRETT PAVING MATERIALS INC.
12475 PLEASANT LAKE ROAD
MANCHESTER, MI 48158
(734) 428-8339

M.D.O.T.
Certified Material
Barrett Paving Materials 81-84
Material Description _____
Project or Plant _____

I hereby certify that the above statements are true and the aggregate as delivered meets specification requirements for stated Michigan series number and class letter.

Authorized Representative _____

SOLD TO

OSBURN, DALE INC

DELIVERY ADDRESS

SELKIRK

SPECIAL INSTRUCTIONS

42040-446286

DATE	CUST ACCT NO	CUST PO NO	CUST JOB NO	TRUCK NO	TICKET NO
5/2/2011	10486		3312	058745	446286
PROD CODE	**PROD DESCRIPTION**			**CONTRACT NO**	**PIT/PLT**
211200	PEA PEBBLES-34R				211

STATE TEST MATERIALS		UNIT PRICE	TIME OUT
			7:15:55
MATERIAL	**PLANT NO**	**NET PRICE**	**LOAD NO**
			1
TEST REPORT NO	**TEST DATE**	**TAX**	**GROSS WT**
			153080
*	Manual Weight	**TOTAL**	**TARE WT**
			54820
CERTIFIED BY			**NET WT**
	METRIC	109.13 TONS 99.57 TONES	98260
			JOB ACCUM
			98.28

DRIVER _____ RECEIVED BY _____

4

BARRETT PAVING MATERIALS INC.
12475 PLEASANT LAKE ROAD
MANCHESTER, MI 48158
(734) 428-8339

M.D.O.T.
Certified Material
Barrett Paving Materials 81-84
Material Description _____
Project or Plant _____

I hereby certify that the above statements are true and the aggregate as delivered meets specification requirements for stated Michigan series number and class letter.

Authorized Representative _____

SOLD TO
OSBURN, DALE INC
DELIVERY ADDRESS
SELKIRK

SPECIAL INSTRUCTIONS

42040-446287

DATE	CUST ACCT NO	CUST PO NO	CUST JOB NO	TRUCK NO	TICKET NO
5/2/2011	10686		3312	058735	446287
PROD CODE	PROD DESCRIPTION			CONTRACT NO	PIT/PLT
211200	PEA PEBBLES-3AP				311

STATE TEST MATERIALS		UNIT PRICE	TIME OUT
MATERIAL	PLANT NO	NET PRICE	7:20:13
TEST REPORT NO	TEST DATE	TAX	LOAD NO 2
	Manual Weight	TOTAL	GROSS WT 153000
CERTIFIED BY		49.09 TONS	TARE WT 54820
	METRI	44.53 TONES	NET WT 98180
			JOB ACCUM 147.37

DRIVER KOU RECEIVED BY _____

5

BARRETT PAVING MATERIALS INC.
12475 PLEASANT LAKE ROAD
MANCHESTER, MI 48158
(734) 428-8339

M.D.O.T.
Certified Material
Barrett Paving Materials 81-84
Material Description _____
Project or Plant _____

I hereby certify that the above statements are true and the aggregate as delivered meets specification requirements for stated Michigan series number and class letter.

Authorized Representative _____

SOLD TO
OSBURN, DALE INC

DELIVERY ADDRESS
SELKIRK

SPECIAL INSTRUCTIONS

42040-446288

DATE	CUST ACCT NO	CUST PO NO	CUST JOB NO	TRUCK NO	TICKET NO
5/2/2011	10406		3312	31T32	446288

PROD CODE	PROD DESCRIPTION	CONTRACT NO	PIT/PLT
211200	PEA PEBBLES-34R		211

STATE TEST MATERIALS		UNIT PRICE	TIME OUT 7:23:10
MATERIAL	PLANT NO	NET PRICE	LOAD NO 3
TEST REPORT NO	TEST DATE	TAX	GROSS WT 153860
*	Manual Weight	TOTAL	TARE WT 55960
CERTIFIED BY	NCTPI	48.95 TONS 44.41 TONES	NET WT 97900 JOB ACCUM 130.32

DRIVER _____ RECEIVED BY _____

5

BARRETT PAVING MATERIALS INC.
12475 PLEASANT LAKE ROAD
MANCHESTER, MI 48158
(734) 428-8339

M.D.O.T.
Certified Material
Barrett Paving Materials 81-84
Material Description _____
Project or Plant _____

I hereby certify that the above statements are true and the aggregate as delivered meets specification requirements for stated Michigan series number and class letter.

Authorized Representative _____

SOLD TO
GEBURN, DALE INC

DELIVERY ADDRESS
SELKIRK

SPECIAL INSTRUCTIONS

42040- 446289

DATE	CUST ACCT NO	CUST PO NO	CUST JOB NO	TRUCK NO	TICKET NO
5/2/2011	10486		3312	DAP13	446289

PROD CODE	PROD DESCRIPTION	CONTRACT NO	PIT/PLT
211200	PEA PEBBLES-34P		211

STATE TEST MATERIALS		UNIT PRICE	TIME OUT
			7:28:17
MATERIAL	PLANT NO	NET PRICE	LOAD NO 4
TEST REPORT NO	TEST DATE	TAX	GROSS WT 152380
#	Manual Weight	TOTAL	TARE WT 52100
CERTIFIED BY METRO		50.14 TONS 45.49 TONES	NET WT 100280 JOB ACCUM 246.46

DRIVER _____ RECEIVED BY _____

4

BARRETT PAVING MATERIALS INC.
12475 PLEASANT LAKE ROAD
MANCHESTER, MI 48158
(734) 428-8339

M.D.O.T.
Certified Material
Barrett Paving Materials 81-84
Material Description _____
Project or Plant _____

I hereby certify that the above statements are true and the aggregate as delivered meets specification requirements for stated Michigan series number and class letter.

Authorized Representative _____

SOLD TO
OSBURN, DALE INC

DELIVERY ADDRESS
2011 SEASON QUOTE
SELKIRK

SPECIAL INSTRUCTIONS

42040-446331

DATE	CUST ACCT NO	CUST PO NO	CUST JOB NO	TRUCK NO	TICKET NO
5/2/2011	10486		3234	OSB720	446331

PROD CODE	PROD DESCRIPTION	CONTRACT NO	PIT/PLT
211200	PEA PEBBLES-3/8		811

STATE TEST MATERIALS		UNIT PRICE	TIME OUT
			12:26:31
MATERIAL	PLANT NO	NET PRICE	LOAD NO 1
TEST REPORT NO	TEST DATE	TAX	GROSS WT 153080
*	Manual Weight	TOTAL	TARE WT 52220
CERTIFIED BY	METRI	50.43 TONS 45.75 TONES	NET WT 100860 JOB ACCUM 253.15

DRIVER _____ RECEIVED BY _____

4

BARRETT PAVING MATERIALS INC.
12475 PLEASANT LAKE ROAD
MANCHESTER, MI 48158
(734) 428-8339

M.D.O.T.
Certified Material
Barrett Paving Materials 81-84
Material Description _____
Project or Plant _____

I hereby certify that the above statements are true and the aggregate as delivered meets specification requirements for stated Michigan series number and class letter.

Authorized Representative _____

SOLD TO
OSBURN, DALE INC
DELIVERY ADDRESS
SELKIRK

SPECIAL INSTRUCTIONS

42040-446333

DATE	CUST ACCT NO	CUST PO NO	CUST JOB NO	TRUCK NO	TICKET NO
5/2/2011	10486		3312	OSB760	446333
PROD CODE	**PROD DESCRIPTION**			**CONTRACT NO**	**PIT/PLT**
211200	PEA PEBBLES-34R				211

STATE TEST MATERIALS*		UNIT PRICE	TIME OUT
MATERIAL	PLANT NO	NET PRICE	1:19:43
TEST REPORT NO	TEST DATE	TAX	LOAD NO 5
*	Manual Weight	TOTAL	GROSS WT 153480
CERTIFIED BY			TARE WT 53960
METRI		49.76 TONS 45.14 TONES	NET WT 99520
			JOB ACCUM 296.[illegible]

DRIVER _____ RECEIVED BY _____

Fly Ash

4/13/2011	4/28/2011											
50.00	50.00											
50.00	**50.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
subtotal	subtotal	subtotal	subtotal	subtotal	subtotal	subtotal	subtotal	subtotal	subtotal	subtotal	subtotal	subtotal

TOTAL	**100.00**

LOAD AND TIME TICKET S 601390

OSBURN INDUSTRIES, INC.
5850 PARDEE
TAYLOR, MI 48180

PHONE (313) 292-4140
❑ DALE OSBURN, INC.
❑ TRUCKWAY

COMMODITY: FLY ASH

TRUCK NO.: 630

DATE: 4/13/11

CUSTOMER: CAT SKILL

FROM (LOADING PLACE): WYANDOTTE

TO (UNLOADING PLACE): SELKIRK · Detroit

LOAD NO.:

NET WEIGHT/~~YARDS~~: 40 YDS/ 50 TONS

P.O. NO.:

JOB NO.: 50 tons

HOURLY HAULS

START:

FINISH:

HOURS:

DRIVER SIGNATURE:

CUSTOMER SIGNATURE:

2 SHIPPER'S COPY

LOAD AND TIME TICKET S 605722

OSBURN INDUSTRIES, INC.
5850 PARDEE
TAYLOR, MI 48180

PHONE (313) 292-4140
❑ DALE OSBURN, INC.
❑ TRUCKWAY

COMMODITY: ASH - IN

TRUCK NO.: 630

DATE: 4/28/11

CUSTOMER: CAT SKILL

FROM (LOADING PLACE): WYANDOTTE

TO (UNLOADING PLACE): SELKIRK

LOAD NO.:

NET WEIGHT/YARDS: 40 YDS 50 TONS

P.O. NO.:

JOB NO.: 50 ton

HOURLY HAULS

START:

FINISH:

HOURS:

DRIVER SIGNATURE:

CUSTOMER SIGNATURE:

2 SHIPPER'S COPY

ROCKWOOD - GREAT LAKES AGGREGATES

Plant#:3303
Date:10/3/2011 Time:13:26 Ticket # 374118
Customer:07026 Truck#: OSBURN740 OSBURN TRUCKING
Name:OSBURN INDUSTRIES INC
Load#: 1

I hereby certify that aggregate as delivered from MDOT 58-008 meets specification requirements, for stated Michigan series and class in quantity stated.
Signature_____

Picked Up
Job: 3303-05640 CONANT ST.
Phase: P.O. #:
Name/Site:
Product: 9963 6AA

0.00 Check #

	POUNDS:	TONS	TONNES
GROSS:	154,340	77.17	70.01
TARE:	52,140	26.07	23.65
NET:	102,200	51.10	46.36

Cumulative Prior Ticket:	0.00	0.00
Cumulative This Ticket:	51.10	46.36

Driver Name: Joel

Weighed By: MIKE

LOAD AND TIME TICKET S 656540

OSBURN INDUSTRIES, INC.
5850 PARDEE
TAYLOR, MI 48180

PHONE (313) 292-4140
☐ DALE OSBURN, INC.
☐ TRUCKWAY

COMMODITY: 6AA 4/S
TRUCK NO.: 740
DATE: 10 13 11
CUSTOMER: Jobsite Services
FROM (LOADING PLACE): Rockwood
TO (UNLOADING PLACE): Selkirk & Conant
LOAD NO.: 374118
NET WEIGHT/YARDS: 51.10
P.O. NO.:
JOB NO.: 3303-05640

HOURLY HAULS

START	HOURS
FINISH	
DRIVER SIGNATURE	
CUSTOMER SIGNATURE	

2 SHIPPER'S COPY

ROCKWOOD - GREAT LAKES AGGREGATES

Plant:3303
Date:10/3/2011 Time:16:04
Customer:07026
Name:OSBURN INDUSTRIES INC
Load#: 1

Ticket # 374141
Truck#: OSBURN705 OSBURN TRUCKING

I hereby certify that aggregate as delivered from MDOT 58-008 meets specification requirements, for stated Michigan series and class in quantity stated.
Signature Pete Bos

Picked Up
Job: 3303-05642 JOB SITE SERV.
Phase: P.O. #:
Name/Site:
Product: 9963 6AA

0.00 Check #

	POUNDS:	TONS	TONNES
GROSS:	150,660	75.33	68.34
TARE:	53,820	26.91	24.41
NET:	96,840	48.42	43.93
Cumulative Prior Ticket:		0.00	0.00
Cumulative This Ticket:		48.42	43.93

Driver Name: Chet

Weighed By: MIKE

LOAD AND TIME TICKET S 629419

OSBURN INDUSTRIES, INC.
5850 PARDEE
TAYLOR, MI 48180

PHONE (313) 292-4140
☐ DALE OSBURN, INC.
☐ TRUCKWAY

COMMODITY: 6AA washed 4x
TRUCK NO.: 705
DATE: 10/3/11
CUSTOMER: Job Site Serv
FROM (LOADING PLACE): Rwood
TO (UNLOADING PLACE): Selkirk
LOAD NO.: 374141
NET WEIGHT/YARDS: 48.42
P.O. NO.:
JOB NO.:

HOURLY HAULS

START
FINISH
HOURS
DRIVER SIGNATURE: Pete Bos
CUSTOMER SIGNATURE

2 SHIPPER'S COPY

ROCKWOOD - GREAT LAKES AGGREGATES

Plant:3303
Date:10/5/2011 Time:16:06
Customer:07026
Name:OSBURN INDUSTRIES INC
Load#: 2

Ticket # 374368
Truck#: OSBURN670 OSBURN TRUCKING

I hereby certify that aggregate as delivered from MDOT 58-008 meets specification requirements, for stated Michigan series and class in quantity stated.
Signature Pete Borst

Picked Up
Job: 3303-04598 PARDEE RD.
Phase: P.O. #:
Name/Site:
Product: 9963 6AA

0.00 Check #

	POUNDS:	TONS	TONNES
GROSS:	153,960	76.98	69.83
TARE:	53,780	26.89	24.39
NET:	100,180	50.09	45.44
Cumulative Prior Ticket:		49.10	44.54
Cumulative This Ticket:		99.19	89.98

Driver Name: Maser

Weighed By: MIKE

LOAD AND TIME TICKET S 6150A5

OSBURN INDUSTRIES, INC.
5850 PARDEE
TAYLOR, MI 48180

PHONE (313) 292-4140
☐ DALE OSBURN, INC.
☐ TRUCKWAY

COMMODITY: 6AA

TRUCK NO.: 670
DATE: 10/5/11

CUSTOMER: JOB SITE SVCS.

FROM (LOADING PLACE): Rockwood

TO (UNLOADING PLACE): SELKIRK ST. - DETROIT

LOAD NO.: 374368
NET WEIGHT/YARDS: 50.09

P.O. NO.: 11119-63
JOB NO.:

HOURLY HAULS

START
FINISH
HOURS

DRIVER SIGNATURE: Maser

CUSTOMER SIGNATURE: Pete Borst

2 SHIPPER'S COPY

LOAD AND TIME TICKET

Triton Landscape
25336 Johns Rd.
South Lyon, MI 48178
PHONE: 810-560-6603

DATE 10 / 10 / 20 11 | TKT # NUMBER ▶ 5041

FROM Cabot Dr

CUSTOMER'S NAME Osborn

TRUCK NO. 755

X _____
DRIVER'S SIGNATURE

QTY	DESCRIPTION OF COMMODITY	SUB TOTAL
4 Cy	Screened T.S.	
	GRAND TOTAL	

RECEIVED BY:

NOT RESPONSIBLE FOR DAMAGE TO CURBS, SIDEWALKS OR DRIVEWAYS.

A 1½% SERVICE CHARGE WILL BE ADDED TO AMOUNTS UNPAID AT 20TH OF MONTH FOLLOWING INVOICE DATE.

DUPLICATE COPY

LOAD AND TIME TICKET

Triton Landscape
25336 Johns Rd.
South Lyon, MI 48178
PHONE: 810-560-6603

DATE 10 / 10 / 20 11 | TKT # NUMBER ▶ 5044

FROM Cabot Dr

CUSTOMER'S NAME Osborn

TRUCK NO. 730

X Craig
DRIVER'S SIGNATURE

QTY	DESCRIPTION OF COMMODITY	SUB TOTAL
4 Cy	Screened T.S	
	GRAND TOTAL	

RECEIVED BY:

NOT RESPONSIBLE FOR DAMAGE TO CURBS, SIDEWALKS OR DRIVEWAYS.

A 1½% SERVICE CHARGE WILL BE ADDED TO AMOUNTS UNPAID AT 20TH OF MONTH FOLLOWING INVOICE DATE.

DRIVERS COPY

LOAD AND TIME TICKET

Triton Landscape
25336 Johns Rd.
South Lyon, MI 48178
PHONE: 810-560-6603

DATE 10/10/ 20 11 | TKT # NUMBER ► 5045

FROM Cabot Dr.

CUSTOMER'S NAME Osburn

TRUCK NO. 755

X [signature]
DRIVER'S SIGNATURE

QTY	DESCRIPTION OF COMMODITY	SUB TOTAL
4 Yds	Screened T.S.	
	GRAND TOTAL	

RECEIVED BY:
►

NOT RESPONSIBLE FOR DAMAGE TO CURBS, SIDEWALKS OR DRIVEWAYS.

A 1½% SERVICE CHARGE WILL BE ADDED TO AMOUNTS UNPAID AT 20TH OF MONTH FOLLOWING INVOICE DATE.

DRIVERS COPY

LOAD AND TIME TICKET

Triton Landscape
25336 Johns Rd.
South Lyon, MI 48178
PHONE: 810-560-6603

DATE 10/10/ 20 11 | TKT # NUMBER ► 5047

FROM Cabot Dr.

CUSTOMER'S NAME Osburn

TRUCK NO. 765

X [signature]
DRIVER'S SIGNATURE

QTY	DESCRIPTION OF COMMODITY	SUB TOTAL
4 Yds	Screened T.S.	
	GRAND TOTAL	

RECEIVED BY: [signature]
►

NOT RESPONSIBLE FOR DAMAGE TO CURBS, SIDEWALKS OR DRIVEWAYS.

A 1½% SERVICE CHARGE WILL BE ADDED TO AMOUNTS UNPAID AT 20TH OF MONTH FOLLOWING INVOICE DATE.

DUPLICATE COPY

LOAD AND TIME TICKET

Triton Landscape
25336 Johns Rd.
South Lyon, MI 48178
PHONE: 810-560-6603

DATE 10 / 11 / 20 11 | TKT # NUMBER ► 5062

FROM Cabot Dr.

CUSTOMER'S NAME Cabot Sons

TRUCK NO. 866 (GT)

X
DRIVER'S SIGNATURE

QTY	DESCRIPTION OF COMMODITY	SUB TOTAL
40 yd.	Screened T.S.	
	GRAND TOTAL	

RECEIVED BY:

►

NOT RESPONSIBLE FOR DAMAGE TO CURBS, SIDEWALKS OR DRIVEWAYS.

A 1½% SERVICE CHARGE WILL BE ADDED TO AMOUNTS UNPAID AT 20TH OF MONTH FOLLOWING INVOICE DATE.

DRIVERS COPY

LOAD AND TIME TICKET

Triton Landscape
25336 Johns Rd.
South Lyon, MI 48178
PHONE: 810-560-6603

DATE 10 / 10 / 20 11 | TKT # NUMBER ► 5049

FROM Cabot

CUSTOMER'S NAME Osburn

TRUCK NO. 750

X Joe
DRIVER'S SIGNATURE

QTY	DESCRIPTION OF COMMODITY	SUB TOTAL
40 yd.	Screened T.S.	
	GRAND TOTAL	

RECEIVED BY:

►

NOT RESPONSIBLE FOR DAMAGE TO CURBS, SIDEWALKS OR DRIVEWAYS.

A 1½% SERVICE CHARGE WILL BE ADDED TO AMOUNTS UNPAID AT 20TH OF MONTH FOLLOWING INVOICE DATE.

DUPLICATE COPY

LOAD AND TIME TICKET

Triton Landscape

25336 Johns Rd.
South Lyon, MI 48178
PHONE: 810-560-6603

DATE 10 / 11 / 20 11

TKT # NUMBER ► 5078

FROM Cabot Dr

CUSTOMER'S NAME Osborn

TRUCK NO. 730

X Craig
DRIVER'S SIGNATURE

QTY	DESCRIPTION OF COMMODITY	SUB TOTAL
40 yd	Screened T.S	
	GRAND TOTAL	

RECEIVED BY:

►

NOT RESPONSIBLE FOR DAMAGE TO CURBS, SIDEWALKS OR DRIVEWAYS.

A 1½% SERVICE CHARGE WILL BE ADDED TO AMOUNTS UNPAID AT 20TH OF MONTH FOLLOWING INVOICE DATE.

DRIVERS COPY

ASHLEY LAND DEVELOPMENT CO., INC.
3333 MUIR RD • MILFORD, MI 48380 • 248-684-1260

I HEREBY CERTIFY THAT AGGREGATE AS DELIVERED MEETS SPECIFICATION REQUIREMENTS FOR STATED MICHIGAN SERIES, NUMBER AND CLASS IN THE QUANTITY STATED.

(AUTHORIZED SIGNATURE)

MA 213638

MDOT NO. 47-30 (Muir Pit)

CUSTOMER:
R & R Heavy Haulers
7586 Chubb Road
Northville, MI 48168

DATE	TIME	JOB CODE	JOB NAME	
10/10/2011	08:57	AM 94VD	R&R - I-94 & Mt. Elliot	
HAULER # 76	HAULER NAME		JOB LOCATION	
Osburn Industries, Inc.				
QTY. ORD. 0.00	QTY. RECVD. 383.35	TOTAL TO DATE 0.00	PROD. CODE CL2T	PROD. DESCRIPTION Class II - Ton
GROSS 75.41	TARE 26.19		NET 49.22	NET METRIC TONS 44.65
UNIT PRICE	NET PRICE	TAX	TOTAL	TRANSACTION NUMBER

FEDERAL LAW REQUIRES ALL DRIVERS TO STAY IN TRUCKS WHILE BEING LOADED.
ALL DRIVERS ARE REQUIRED TO USE DESIGNATED TARPING AREA.

DRIVER: _____ RECVD. BY X Pete Borst

ASHLEY LAND DEVELOPMENT CO., INC.
3333 MUIR RD • MILFORD, MI 48380 • 248-684-1260

I HEREBY CERTIFY THAT AGGREGATE AS DELIVERED MEETS SPECIFICATION REQUIREMENTS FOR STATED MICHIGAN SERIES, NUMBER AND CLASS IN THE QUANTITY STATED.

(AUTHORIZED SIGNATURE)

MA 213669

MDOT NO. 47-30 (Muir Pit)

CUSTOMER:
R & R Heavy Haulers
7586 Chubb Road
Northville, MI 48168

DATE	TIME	JOB CODE	JOB NAME	
10/10/2011	12:54	PM 94VD	R&R - I-94 & Mt. Elliot	
HAULER # 76	HAULER NAME		JOB LOCATION	
Osburn Industries, Inc.				
QTY. ORD. 0.00	QTY. RECVD. 383.33	TOTAL TO DATE 0.00	PROD. CODE CL2T	PROD. DESCRIPTION Class II - Ton
GROSS 75.17	TARE 26.19		NET 49.98	NET METRIC TONS 45.34
UNIT PRICE	NET PRICE	TAX	TOTAL	TRANSACTION NUMBER

FEDERAL LAW REQUIRES ALL DRIVERS TO STAY IN TRUCKS WHILE BEING LOADED.
ALL DRIVERS ARE REQUIRED TO USE DESIGNATED TARPING AREA.

DRIVER: _____ RECVD. BY Pete Borst

APPENDIX F

Storm Sewer Replacement Documentation

$ 3200.00 City of Detroit Sewer Permit# 2011000531

Date 09/21/2011

DETROIT WATER & SEWERAGE DEPARTMENT

Permit for Sewer Service Installation & Repairs

Board of Water Commissioners

STREET
Asphalt
Concrete
B.C.
Improved
ALLEY
Concrete
Stoned
Mud
Easement

TYPE OF SEWER
SEE ATTACHED

Address 6472 SELKIRK ST

To Construct in, occupy, or enter into street, alley

SEE ATTACHED

Sewer Size	Sewer Depth	Lot#
SEE ATTACHED	SEE ATTACHED	

Description of Work
SEE ATTACHEDQ

CITY OF DETROIT WATER & SEWAGE SEP 21 2011 PAID

Permission is
Hereby granted to: JOB SITE SERVICES
Check From: JOB SITE SERVICES 4771 50TH STEET SUITE ONE GRAND RAPIDS, MI 4951
Account No: S000-0227 Permit Description: SEWER ONLY-NO ACCOUNT
ROW Permit# NOT REQUIRED PRIVATE PROPERTY Payment Method: CK. 6813

This permit issued in accordance with current rules, regulations and standard specifications of the City of Detroit

All work performed under this permit shall be in accordance with the rules, regulations and ordinances of the City of Detroit. All permits issued for taking up pavement shall be issued by the Permit Division of the Detroit Water and Sewerage Department on the following conditions:

Contractor must check with utilities before beginning construction on location of existing structures whether shown on plans or not.

That the same shall be backfilled and repaved by the Detroit Water and Sewerage Department.

All persons receiving from this Division permits for taking up pavements are required to notify the Department when trench or tunnel is ready to backfill, and no backfilling is to be done between curb and lot line, except in the presence of an Inspector from this Department.

The dir used for backfilling must be in proper condition. All wet, soggy dirt must be removed and replaced with dirt of the proper consistency. Coarse, lumpy or cloddy ear will not be permitted.

VIOLATION – Placing excavated material in alley.

PENALTY – Additional charge for restoning.

All "Y" Extensions must be tested by this Department before connection is made.

A test for sewer gas **MUST** be made by **DWSD** safety crew before connection is made into a sewer 3 ft. 6 inches or over.

NOT RESPONSIBLE FOR Location of Depth of Sub Sewer.

During the progress of any construction within the limits of streets and alleys, the permittee shall provide as may be necessary for the safety and convenience of the public, and shall furnish all barricades, signs and lights necessary to protect the public.

Any damage to drainage, structures, streets, and alleys to be repaired at the expense of the permittee.

Trenches and tunnels are to be longer than necessary to carry on work. Sheeting will be required by this Department below six (6) feet. It is distinctly understood that the rights granted herein are revocable at the will of the Common Council of the Detroit Water and Sewerage Department and that the permittee acquires no rights in the streets or alleys and expressly waives any right to claim damages in case this permit is revoked.

Call for Inspection 24hrs in advance (313) 833-8195

Urban Design Permits
PH. NO. (313) 964-9533

Street Number Dir. Street Name	Tag No.	Project
6472 SELKIRK AVE.	-0-	RECLAMATION OIL SITE

Prop. Desc.

PROPERTY LOCATED AT SOUTHWEST CORNER OF SELKIRK AND FOSTER

Water Approval Details

NOT REQUESTED

Sewer Approval Details

APPROVED TO REPLACE THE EXISTING 200-FEET OF 12-INCH CROCK SEWER WITH 12-INCH DIAMETER HDPE PIPE BETWEEN M.H.1 REPLACING THE EXISTING MANHOLE AND THE NEW M.H.2 LOCATED IN THE E-W ALLEY BETWEEN SELKIRK AND FAAR AVE. WEST OF FOSTER

** HDPE PIPE REQUIRED TO BE USED TO PREVENT GROUND WATER (CONTAING RESIDUAL CONTIMINATION) FROM ENTERING IN TO THE SEWER PIPE

** $3200.00 DEPOSIT IS REQUIRED FOR INSPECTIONS OF REPLACEMENT OF SEWERS AND INSTALLATIONS OF MANHOLES AS REQUIRED

** DEPOSIT CAN BE MADE AT PERMIT/DEMOLATION OFFICE LOCATED AT 13303 E. McNichols

Horizon Environmental

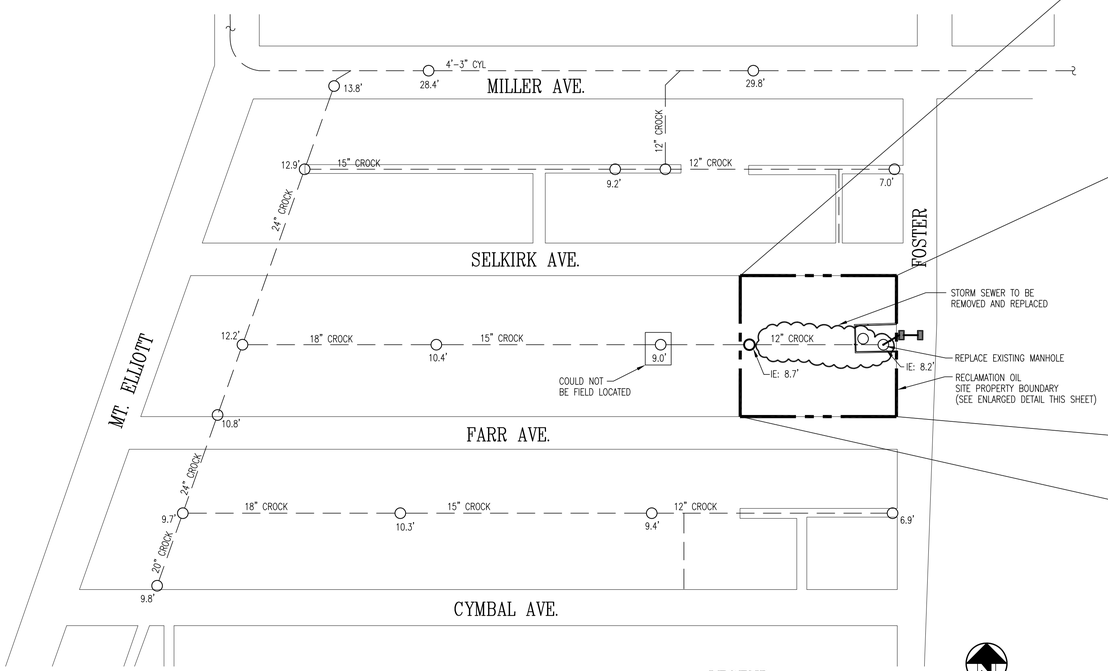
Approver. [signature]
Approval date. 9/09/2011
Water Map 22-M
Sewer Map 49-C
W-Main loc.
Street Width.
T-size
Sewer Depth.
Insp. Deposit. $3200.00

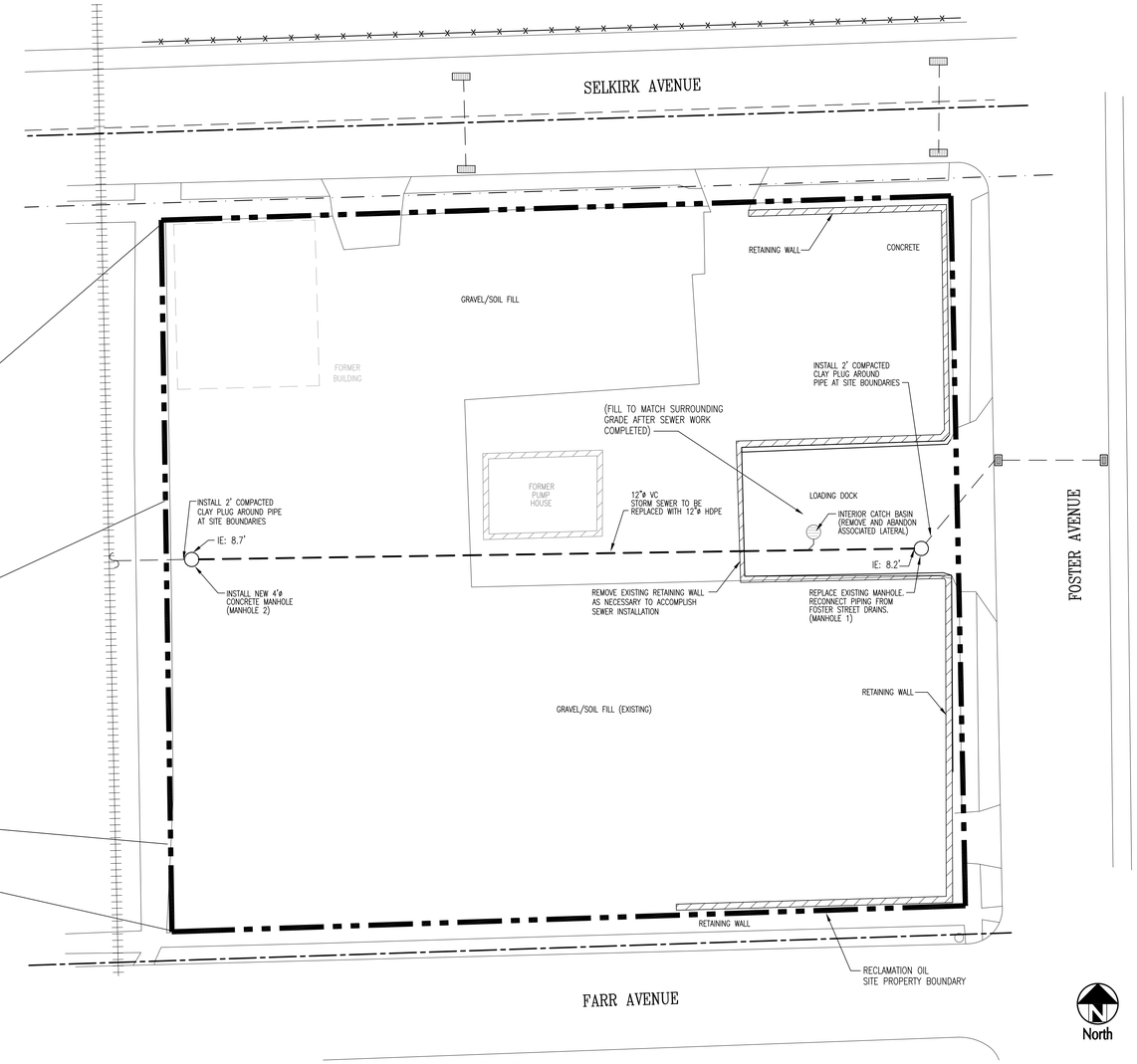
Notes

- ☐ **Place stop box and valves within city R.O.W.**
- ☐ **Water meter/Detector check is not to be installed until the back flow preventer is placed to B.O.C.A. code within 15 feet downstream of water meter.**
- ☐ **Water service less than 3" to be k-copper type 3" and greater to be of ductile iron pipe class 56.**
- ☐ **Tee to be used**
- ☐ **Sewer Connections to be no higher than 2 ½ feet above manhole bottom**
- ☒ **DWSD permit and inspection are required**

QUANTITY TABLE

ITEM	SIZE	UNIT	QUANTITY
HDPE Storm Sewer Piping (SDR 11)	12"	LF	200
Precast Concrete Manhole (10' Depth)	4'	EA	2
Manhole Cover and Frame	24"	EA	2
Trench Excavation & Backfill (Depth Varies)	N/A	LF	200





LEGEND:

- STORM SEWER MANHOLE
- STORM SEWER LINE
- EXTERIOR CATCH BASIN

North

0 50 100 200
APPROXIMATE SCALE IN FEET

SITE LOCATION MAP

0 10 20 40
APPROXIMATE SCALE IN FEET

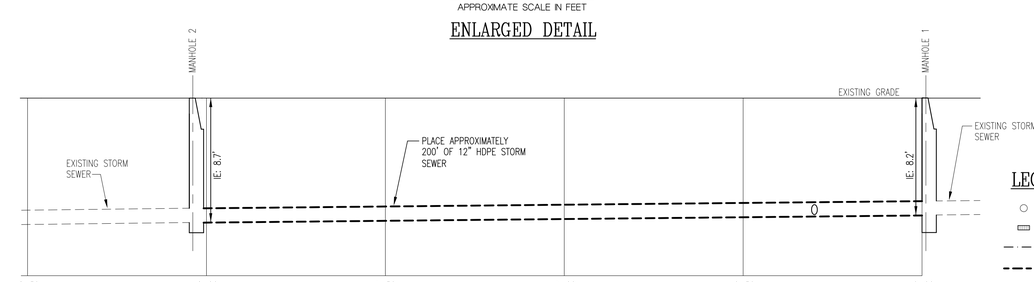
ENLARGED DETAIL

SCOPE OF WORK:

REPLACE AN EXISTING MANHOLE ON EAST SIDE OF FORMER RECLAMATION OIL SITE (MANHOLE 1) AND INSTALL A NEW MANHOLE ON WEST SIDE OF FORMER RECLAMATION OIL SITE (MANHOLE 2).

REPLACE 200 FEET OF THE EXISTING 12-INCH DIAMETER "CROCK" SEWER (BETWEEN THE TWO MANHOLES) WITH 12-INCH DIAMETER HDPE PIPE. HDPE PIPE WILL BE USED TO PREVENT SHALLOW GROUNDWATER (POSSIBLY CONTAINING RESIDUAL CONTAMINATION) FROM ENTERING THE STORM SEWER AND, CONVERSELY, PREVENTING STORM WATER LEAKAGE FROM PIPE TO THE SHALLOW GROUNDWATER. USE OF HDPE PIPE APPROVED FOR THIS PROJECT BY BHARAT DOSHI OF DWSD VIA ELECTRONIC MAIL ON 7/28/2011.

WORK TO TAKE PLACE IN AREA BOUND BY SELKIRK TO NORTH, FOSTER TO EAST, FARR TO SOUTH AND RAILROAD ROW TO WEST. CITY SEWER SYSTEM EXTENDS WEST OF RAILROAD ROW TO MT. ELLIOTT.



0 10 20 40
APPROXIMATE SCALE IN FEET
4x VERTICAL EXAGGERATION

PROFILE DETAIL

LEGEND:

- MANHOLE
- EXISTING STORMWATER CATCH BASIN
- EXISTING SANITARY SEWER
- NEW / REPLACEMENT STORM SEWER
- EXISTING STORM SEWER
- EXISTING FENCE
- EXISTING WATER MAIN

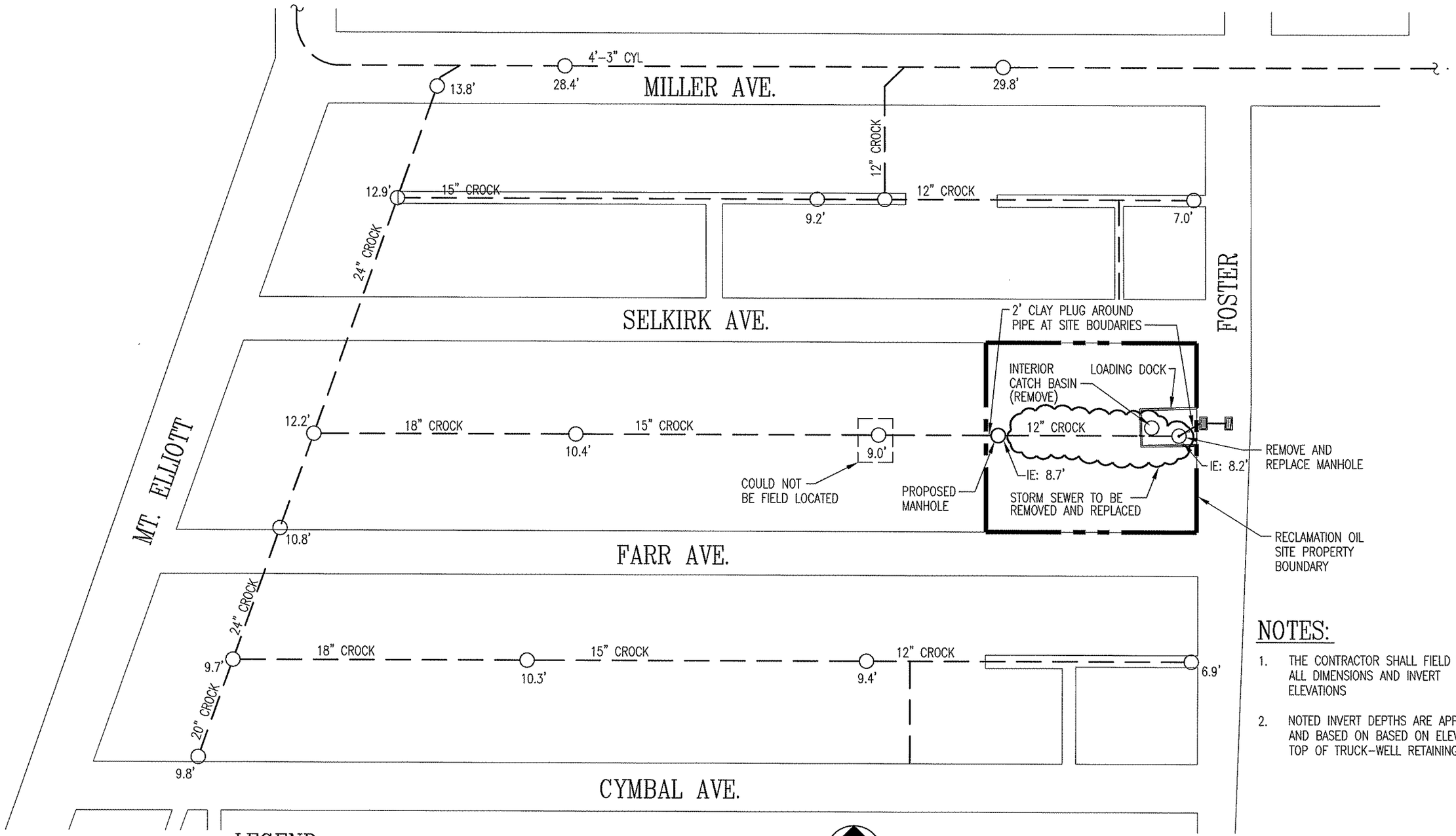
HORIZON ENVIRONMENTAL
4771 50th STREET SE, SUITE ONE – GRAND RAPIDS, MI 49512
616 554.3210 – FAX 616 554.3211 – www.HORIZONENV.com

RECLAMATION OIL SITE
6472 SELKIRK AVENUE, DETROIT, MICHIGAN

SEWER REPLACEMENT PLAN

REVISIONS		
NO.		DATE

DESIGNED BY:	DATE:	CAD FILE: GSB0101C03	PROJECT NUMBER GSB-0101
DRAWN BY: CWN	DATE: DEC 2010	LAST EDIT: CWN120310	SCALE SEE DWG
CHECKED BY:	DATE:	PLOT SCALE: 1:1	SHEET NUMBER: C1



NOTES:

1. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND INVERT ELEVATIONS
2. NOTED INVERT DEPTHS ARE APPROXIMATE AND BASED ON BASED ON ELEVATION OF TOP OF TRUCK-WELL RETAINING WALL

HORIZON ENVIRONMENTAL

PROJECT NUMBER: GSB-0103

Reclamation Oil Site
Detroit, Michigan

STORM SEWER MAP

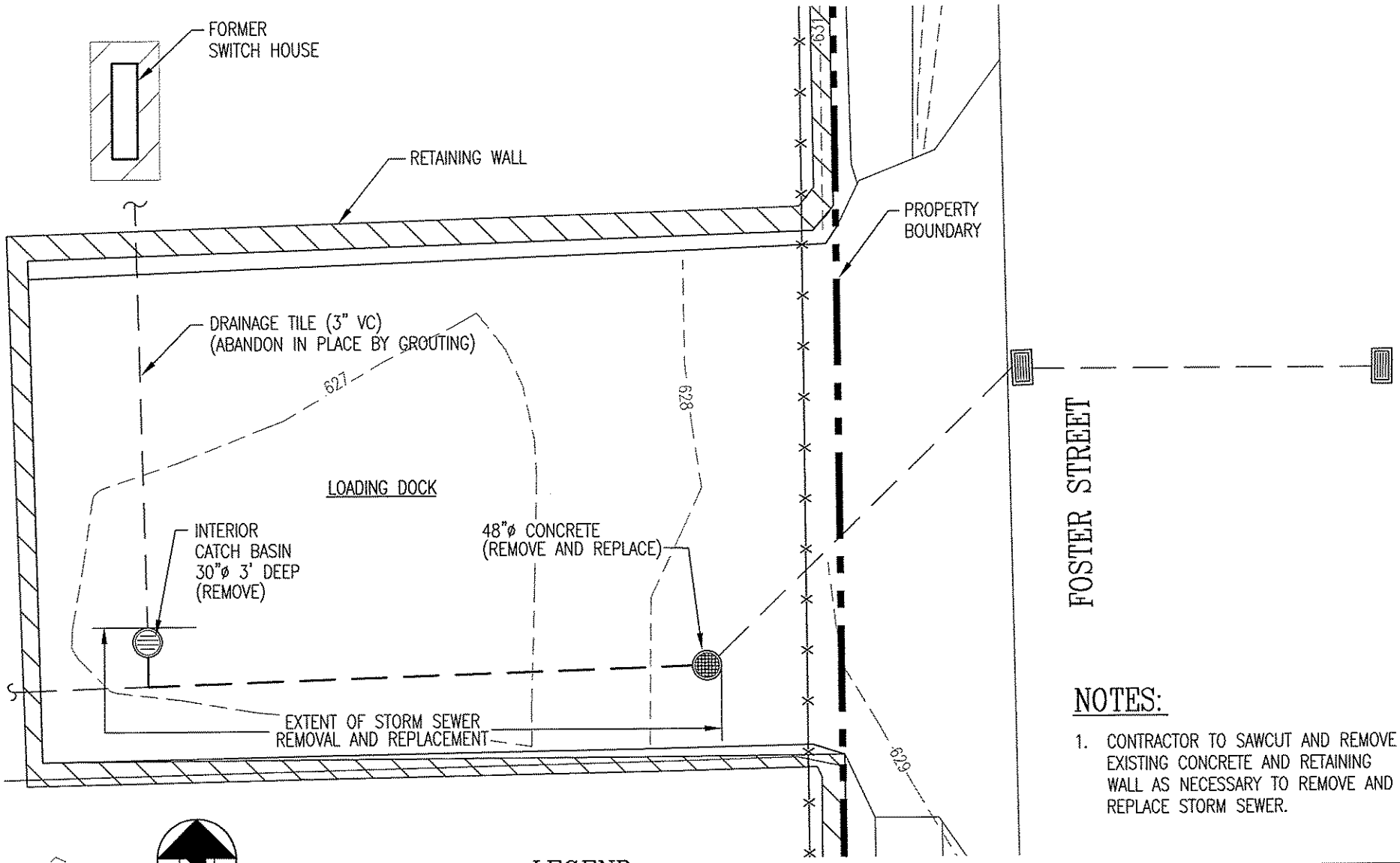
FIGURE: 1

MAY 2011

C:\Lvanprooyen\DWGS\GS3\0103\GSB0103F01.dwg, 5/27/2011 1:16:10 PM

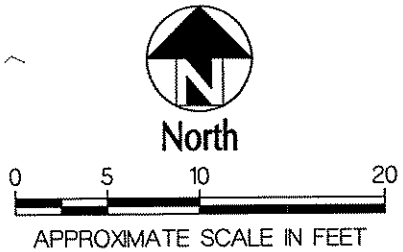
J:\Livanproofen\DWGS\GSB\0103\GSB0103F02.dwg, 5/27/2011 1:13:51 PM

GSB0103F02



NOTES:

1. CONTRACTOR TO SAWCUT AND REMOVE EXISTING CONCRETE AND RETAINING WALL AS NECESSARY TO REMOVE AND REPLACE STORM SEWER.



LEGEND:

- MANHOLE
- EXTERIOR CATCH BASIN
- INTERIOR CATCH BASIN

HORIZON ENVIRONMENTAL

PROJECT NUMBER: GSB-0103

Reclamation Oil
Detroit, Michigan

EXISTING STORM SEWER DETAIL
LOADING DOCK AREA

FIGURE: 2

MAY 2011

SECTION 01060 **HEALTH AND SAFETY**

PART 1 - GENERAL

1.01 DESCRIPTION:

A comprehensive list of constituents which have been detected at the site is included in the approved Site-Specific Health & Safety Plan which is presented as Attachment I to the Specifications and hereby incorporated into the Contract Documents by reference. Contaminants detected in soil and fill materials on the property consist predominantly of volatile organic constituents ("VOCs"), including xylenes and ethylbenzene.

1.02 PROCEDURES AND REGULATIONS:

A. CONTRACTOR shall take all necessary precautions as required by laws, regulations, and Contract Documents for protection of the CONTRACTOR's personnel, as well as the subject property and adjacent properties. Such regulations shall include, but not be limited to, the following:
   1. Federal Occupational Health and Safety Act (OSHA), including the OSHA HAZWOPER standard (29 CFR 1910.120);
   2. Michigan Occupational Health and Safety Act, as amended (MIOSHA); and
   3. Michigan Worker Right-to-Know Act.

B. CONTRACTOR shall protect all persons on the site or on adjacent properties that may be impacted by the CONTRACTOR's work.

C. CONTRACTOR shall be familiarized with the approved Site-Specific Health and Safety Plan which has been developed for the construction and is presented as Attachment I to this specification.

D. CONTRACTOR shall develop a Site Health and Safety Plan for all CONTRACTOR personnel. This Site Health and Safety Plan shall be specific to the site and address the potential hazards associated with the CONTRACTOR's scope of work. The CONTRACTOR's Site Health and Safety Plan shall present, at a minimum, the information provided in the approved Site-Specific Health & Safety Plan.

E. CONTRACTOR shall submit certification of completion of 24 or 40 hours of health and safety training, as specified under the OSHA HAZWOPER standard (29 CFR 1910.120), and up to date 8-hour refresher courses, as applicable, for all personnel involved in invasive construction activities.

F. CONTRACTOR shall take all necessary precautions to assure that CONTRACTOR's personnel and subcontractor's personnel under the CONTRACTOR's jurisdiction observe and abide by all applicable safety regulations while performing the Work.

1.03 DECONTAMINATION:

A. The CONTRACTOR shall decontaminate personnel, equipment and vehicles at the site in a manner that is consistent with applicable regulatory requirements and approved by the CONSTRUCTION MANAGER. The decontamination activities shall remove contaminated soil and materials from personnel, equipment and vehicles before they leave the site.

B. Decontamination of personnel and equipment shall be completed in a single designated area, to the extent practicable. Decontamination shall first be completed with un-augmented City water and the resultant fluids will be discharged to an unpaved ground surface or contained for subsequent management by the CONSTRUCTION MANAGER as directed by the CONSTRUCTION MANAGER.

C. Decontamination of personnel and equipment to remove contaminants not derived from soil in the work area shall be completed outside of the designated decontamination zone and in a manner that contains all liquid and solid residuals generated therefrom.

***** END OF SECTION *****

SECTION 01070 **ABBREVIATIONS AND SYMBOLS**

PART 1 - GENERAL

1.01 REFERENCE SPECIFICATIONS:

A. All specifications referenced in the Contract Documents that are current at the time of this bid are hereby incorporated.

B. The references shall be limited to section and subsection specified.

C. References will be abbreviated as the following example:
"MDOT 0.0.00."

1.02 ABBREVIATIONS:

A. Standard abbreviations used throughout the Contract Documents shall be as follows:

AASHTO:	American Association of State Highway Transportation Officials
ACI:	American Concrete Institute
AI:	Asphalt Institute
AISI:	American Iron and Steel Institute
ANSI:	American National Standards Institute
ASTM:	American Society for Testing and Materials
AWS:	American Welding Society
AWWA:	American Water Works Association
CRSI:	Concrete Reinforcing Steel Institute
CSI:	Construction Specifications Institute
MDEQ:	Michigan Department of Environmental Quality
MDLEG:	Michigan Department of Labor, Economic Growth and Energy
MDOT:	Michigan Department of Transportation
MIOSHA:	Michigan Occupational Safety and Health Act
NEC:	National Electrical Code (National Fire Protection Association)
NIST:	National Institute of Standards and Technology
OSHA:	Occupational Safety and Health Administration
USACE	United States Army Corps of Engineers
U.S. EPA:	United States Environmental Protection Agency

***** END OF SECTION *****

SECTION 01500 **TEMPORARY CONTROLS AND FACILITIES**

PART 1 - GENERAL

1.01 WORK INCLUDES:

A. This section encompasses all temporary controls and facilities necessary for completion of the Work.

1.02 REFERENCES:

A. Michigan Department of Transportation ("MDOT"), "Standard Specifications for Construction", 2003 Edition.

B. Michigan Department of Natural Resources, Surface Water Quality Division, "Guidebook of Best Management Practices for Michigan Watersheds", October 1998, Edition.

1.03 TEMPORARY FACILITIES:

A. The CONTRACTOR shall furnish and install all temporary facilities required by the Work and shall remove them from the property upon completion of the Work.

B. Utility Services:

1. Potable water: The CONTRACTOR shall be responsible for providing any potable water required for the completion of the Work.
2. Power: The CONTRACTOR shall be responsible for providing temporary power necessary for the completion of the Work, including coordination of temporary power installation, removal of temporary power at the conclusion of the Work and paying all installation, removal and utility service fees.

C. Sanitation: The CONTRACTOR shall provide and maintain within the construction area a reasonable quantity of field-type sanitary facilities. The sanitation facilities shall conform to local codes and applicable state and Federal health and safety requirements.

D. Rubbish:

1. The CONTRACTOR shall be responsible for providing suitable containers as appropriate for collection of rubbish generated during the Work.
2. The CONTRACTOR shall be responsible for proper off-site disposal of all rubbish prior to or at the conclusion of the Work as directed by the CONSTRUCTION MANAGER.
3. Environmental media native to the site (e.g., soils, groundwater, subsurface debris, etc.) and materials that have the potential to be impacted by site contaminants by virtue of contact with such environmental media shall not be managed as rubbish.

1.04 CONSTRUCTION AIDS:

The CONTRACTOR shall furnish, install, and maintain as long as necessary and remove when no longer required, safe and adequate scaffolding, ladders, platforms, railings, hoisting equipment, bracing, shoring, structural supports, as required for proper execution of the Work. All construction aids shall conform to Federal, State and local codes or laws for the protection of workers and the public.

1.05 TEMPORARY FENCING

The CONTRACTOR shall enclose the Work area with temporary perimeter fencing to restrict access to the Work area. The temporary fence shall be a wooden snow fence or similar material approved by the CONSTRUCTION MANAGER. Snow fence that remains on the site from prior Work completed by the RESPONDENTS may be used by the CONTRACTOR to fulfill this requirement. The CONTRACTOR shall maintain the fence as necessary throughout the Work to assure its integrity including, if necessary, replacement of some or all of the fencing. The fence shall be removed upon completion of the Work.

1.06 CONFINED SPACE ENTRY

To the extent that entry of CONTRACTOR's personnel into a permit required or non-permit required confined space is necessary to accomplish the Work, the CONTRACTOR shall provide necessary safety equipment and related temporary facilities to accomplish such confined space entry in a manner that is consistent with all applicable laws and regulations. The CONTRACTOR shall make any necessary arrangement for third-party confined space rescue.

PART 2 – PRODUCTS

*** NOT USED ***

PART 3 - EXECUTION

*** NOT USED ***

***** END OF SECTION *****

SECTION 02050 **SELECTIVE DEMOLITION**

PART 1 - GENERAL

1.01 DESCRIPTION OF WORK:

A. Abandonment of utilities by plugging with grout.

B. Removal of concrete slabs, retaining wall and footings, as required to perform the Work.

PART 2 - PRODUCTS

2.01 GROUT

A. Reference Specification 03600- GROUT.

PART 3 - EXECUTION

3.01 DEMOLITION:

A. Remove abandoned sewer lines in section lengths.

B. Plug ends of abandoned underground piping with non-shrink grout.

C. Sawcut concrete as required to provide clean lines in the area where the concrete is to be removed or remove concrete to the joints.

*** END OF SECTION ***

SECTION 02721 **SITE STORM SEWERAGE SYSTEMS**

PART 1 - GENERAL

1.01 SECTION INCLUDES:

A. Site storm drainage piping, fittings and accessories, and bedding.

PART 2 - PRODUCTS

2.01 MATERIALS:

A. High Density Polyethylene (HDPE) Pipe:
   1. Piping shall be constructed of high-density polyethylene as defined by ASTM D1248, Type III, Class C, Category 4, Grade P34 (IIIC4 P34). Plastic Piping Institute designation of PE 3408, as manufactured by ISCO Industries or equivalent. Piping shall be SDR 11.
   2. Pipe shall be black. Markings on piping other than manufacturer's name, pressure rating, ASTM designation, and wall thickness (SDR number) shall not be acceptable.

B. Buried Utility Warning Tape: Detectable aluminum foil plastic-backed tape or detectable magnetic plastic tape shall be provided for warning and identification of buried piping for all storm sewer pipe installation. Tape shall be detectable by an electronic detection instrument. Provide tape in minimum 4-inch width rolls, with warning and identification imprinted in bold letters continuously and repeatedly over entire tape length. Use permanent letter coloring unaffected by moisture and other substances contained in trench backfill material. Warning tape shall read "CAUTION BURIED PIPING BELOW" or similar wording approved by the ENGINEER.

PART 3 - EXECUTION

3.01 INSTALLATION OF HDPE STORM DRAIN PIPE:

A. HDPE piping shall be installed by properly trained personnel in keeping with the manufacturer's recommendations.

B. Storage:
   1. Pipe shall be shaded but not directly covered when stored outside.
   2. Fittings should be stored in their original packaging until such time as they are to be used. Fittings shall be stored indoors, if practicable.

C. Thermal Welding for HDPE Pipe Systems:
   1. Piping system shall be prefabricated to the extent possible prior to installation. Thermal welding (butt fusion) shall be the preferred method for joining polyethylene pipe.

2. All pipe welding procedures shall be in compliance with the pipe manufacturer's recommendations for thermal welding and consistent with methods recommended by the Plastics Pipe Institute.

D. HDPE piping shall extend into each manhole a minimum of 0.5 percent of the distance between consecutive manholes to allow for thermal contraction after placement (i.e., 6 inches per 100 feet between manholes).

E. After the installed HDPE pipe reaches the temperature of the subsurface soils, but in no case less than 48 hours after backfilling, the CONTRACTOR shall:
1. Neatly cut off HDPE pipe projecting into manholes perpendicular to the longitudinal axis of the pipe to a length of 2 inches (shortest dimension) from the manhole wall. Deburr the pipe end and remove excess material from the manhole.

3.02 HYDROSTATIC TESTING OF HDPE STORM DRAIN PIPE:

A. General:
1. CONTRACTOR shall be responsible for testing each piping system prior to project completion. Testing shall be performed prior to concealment of the pipe in any manner.
2. CONTRACTOR shall provide pumps, gauges, instruments, and other necessary test equipment, testing personnel, and water as required for testing. All test equipment shall be removed and all piping drained at the conclusion of testing procedures.
3. A complete test report shall be submitted to the ENGINEER at the conclusion of the testing procedures.
4. Tests may be made on sections of piping as installed.
5. Piping that is repaired or revised shall be re-tested prior to project completion.

B. Test Procedure:
1. The lower end of the sewer to be tested and the inlet sewer of the upper manhole shall be plugged with stoppers.
2. The pipe and manhole shall be filled with water to a point four feet above the invert of the sewer at the center of the upper manhole or one foot below the upper manhole rim if the former is not practicable.
3. Minimum test period: 4 hours with no observable decrease in water level.

***** END OF SECTION *****

SECTION 02200 **EARTHWORK**

PART 1 - GENERAL

1.01 GENERAL:

A. This section includes work required for excavation and backfill activities necessary to accomplish removal and replacement of storm sewer systems.

B. This section also includes work required for management of debris, including but not limited to, concrete slabs and foundations removed to access the storm sewer system.

PART 2 - PRODUCTS

2.01 AGGREGATE

A. Gravel shall be dense graded aggregate type 21A or 22A pursuant to Michigan Department of Transportation Standard Specifications for Construction ("MDOT"), Section 902.06. Aggregate shall be natural stone, no broken concrete shall be allowed.

B. Fine Aggregate: Class II material, pursuant to MDOT Section 902.08, limited to ½ inch size.

2.02 TOPSOIL

Topsoil shall be pursuant to MDOT 917.07 and shall contain a minimum of five (5) percent organic matter as determined by loss by ignition.

2.03 SEED, FERTILIZER AND MULCH:

A. Seed, fertilizer and mulch shall be in accordance with the following:
   1. Fertilizer shall be Class A, pursuant to MDOT 917.10.B.1;
   2. Seed shall be type "TDS" pursuant to MDOT Table 917-1;
   3. Mulch shall be loose mulch pursuant to MDOT 917.15.A.

PART 3 - EXECUTION

3.01 HEALTH AND SAFETY:

CONTRACTOR shall be responsible to assure that all personnel conduct construction activities in accordance with the CONTRACTOR's site-specific Site Health and Safety Plan and the requirements of all applicable State, Federal and local Laws and

Regulations. Consistent with these requirements, workers shall use personal protective equipment as appropriate for the conduct of the work.

3.02 DEBRIS MANAGEMENT

The CONTRACTOR shall manage debris resulting from selective demolition as necessary to allow for efficient completion of the Work. Concrete removed to facilitate storm sewer installation shall be broken and placed on the site as an erosion control measure in accordance with direction from the CONSTRUCTION MANAGER.

3.03 BACKFILLING:

A. Compact suitable backfill material to 95-percent of its Maximum Unit Weight. The CONSTRUCTION MANAGER will perform the required density testing. The CONTRACTOR shall provide the CONSTRUCTION MANAGER with a 5-gallon sample of any proposed backfill material that is not native to the site prior to importing any material on-site.

B. Excavations with standing water will be backfilled with gravel up to the level of the water table. Following placement of gravel the water table will be allowed to equilibrate prior to backfilling the "dry" portion of the excavation.

C. Backfill shall be placed in 12-inch lifts when working above the water table. Backfill shall be placed in sufficient quantity to return the excavation grade to be generally consistent with the original grade.

3.04 DUST CONTROL:

The CONTRACTOR shall apply water and/or dust palliatives as required to eliminate visible dust emissions from the site. Application of water shall be the preferred dust palliative for the site. In the event that application of water proves ineffective, dust palliatives shall be approved by the CONSTRUCTION MANAGER prior to use at the site.

3.05 EROSION CONTROL:

All work shall be performed in compliance with all applicable rules and regulations as established by the State of Michigan and the local regulating agency in conjunction with the Soil Erosion and Sedimentation Control Act (Act 347 P.A. of 1972).

3.06 VEHICLE TRACK-OUT PREVENTION:

A. The CONTRACTOR shall take all necessary measures to prevent vehicular track-out of materials from the site.

B. The CONTRACTOR shall maintain clean public thoroughfares which are used for entrance and egress for the site using a street sweeper or other method deemed acceptable by the CONSTRUCTION MANAGER.

3.07 RESTORATION

A. The CONTRACTOR shall, at the conclusion of the Work, restore the site by completion of the following in accordance with direction from the CONSTRUCTION MANAGER:
   1. Supply, placement and grading of 450 tons of topsoil over approximately 23,000 square feet of disturbed areas of the site;
   2. Placement of seed, fertilizer and mulch over the areas of the site where topsoil was placed; and
   3. Place gravel over disturbed area within the truck well, grade as required to minimize erosion.

B. Restoration shall not include replacement of concrete pavement within the truck well or replacement of portions of the concrete retaining wall that must be removed to accomplish storm sewer removal and replacement.

*** END OF SECTION ***

SECTION 02607 MANHOLE AND CATCH BASINS, FRAMES AND COVERS

PART 1 - GENERAL

1.01 SECTION INCLUDES:

Manhole and catch basin frames and covers, anchorage, and accessories.

1.02 REFERENCES:

A. ASTM A48 - Gray Iron Castings.

B. ASTM C478 - Precast Reinforced Concrete Manhole Sections.

C. ASTM C923 - Resilient Connectors between Reinforced Concrete Manhole Structures and Pipes.

PART 2 - PRODUCTS

2.01 MATERIALS:

A. Manhole and catch basin sections: Reinforced precast concrete in accordance with ASTM C478, or CONSTRUCTION MANAGER approved equivalent.

B. Waterstops: A-LOK Products, Inc. Butyl-Lok, or CONSTRUCTION MANAGER approved equivalent.

C. Manhole Lid and Frame: Cast iron construction, machined flat bearing surface, removable lid, Type C2 Hole W/S, East Jordan Iron Works model 1120, or CONSTRUCTION MANAGER approved equal. Existing manhole lid and frame may be reused if it in good condition as determined by the ENGINEER.

D. Catch Basin Lid and Frame: Cast iron construction, machined flat bearing surface, removable lid, Type M Flat Grate, East Jordan Iron Works model 1120, or CONSTRUCTION MANAGER approved equal. Existing catch basin lid and frame may be reused if it in good condition as determined by the ENGINEER.

D. Manhole Steps: Formed galvanized steel rungs, integral with manhole sections; installed in pipe risers on 16-inch vertical spacing.

E. Manhole to Pipe Joints: Compression type, cast in precast unit, A-LOK Products, Inc. X-CEL series, or CONSTRUCTION MANAGER approved equal.

F. Bedding: Dense graded aggregate, Type 21A pursuant to Michigan Department of Transportation Standard Specifications for Construction ("MDOT"), Section 902.06.

2.03 CONFIGURATION:

A. Riser: Eccentric with basin.

B. Base and Transition Shape: Cylindrical.

C. Clear Inside Dimensions: 48-inch diameter for catch basins.

D. Design Depth: As required.

E. Clear Lid Opening: 22-1/4 inches diameter for exterior catch basins.

F. Pipe Entry: Provide openings as required to meet grade. Provide watertight connectors integral with precast sections for exterior manholes.

G. Steps: 12 inches wide, 16 inches on center vertically, set into manhole wall.

PART 3 - EXECUTION

3.01 EXAMINATION:

A. Verify items provided by other sections of Work are properly sized and located.

B. Verify that built-in items are in proper location, and ready for roughing into Work.

C. Verify excavation for manholes is correct.

3.02 PREPARATION:

Coordinate placement of inlet and outlet pipe to maintain existing invert elevations.

3.03 PLACING MANHOLE SECTIONS:

A. Place manhole sections plumb and level, with waterstop joints between sections. Install waterstops in strict accordance with manufacturer's instructions.

B. Place transition and riser with waterstop joints.

C. Set cover frames and covers level without tipping, to correct elevations. Place frame on full bed of mortar.

E. Coordinate with other sections of work to provide correct size, shape, and location.

F. Prior to installation, coat entire outside surface of manhole with seal coat in accordance with Section 07010 – Exterior Concrete Coating.

3.04 PLACING CATCH BASIN SECTIONS:

A. Place catch basin plumb and level.

B. Set cover frames and covers level without tipping, to correct elevations. Place frame on full bed of mortar.

C. Coordinate with other sections of work to provide correct size, shape, and location.

***** END OF SECTION *****

PART 3 - EXECUTION

3.01 PLACEMENT:

A. Grout shall be mixed and placed per manufacturer's recommendations.

B. All voids within area to be grouted must be filled.

C. Strike-off grout cleanly and neatly. Rectify all defects.

***** END OF SECTION *****

SECTION 03600 **GROUT**

PART 1 - GENERAL

1.01 SECTION INCLUDES:

A. Use of non-shrink grout for use in demolition, storm drain installation, and site restoration.

1.02 SUBMITTALS:

A. Submit product data describing the grout, including recommended mixing and placing instructions.

PART 2 - PRODUCTS

2.01 MATERIALS:

A. All grout shall be cementitious grout unless noted. Epoxy grout shall be used only where specifically called for on the plans.

B. Cementitious Grout - Acceptable Products Include:

Trade Name	Manufacturer
Crystex	L&M Construction Chemicals Inc.
Embeco 636	Master Builders
Ferrolith G-NC	Sonneborn Building Products
Five-Star Grout	U.S. Grout Corporation
Masterflow 713	Master Builders
Sauereisen F-100	Sauereisen Cements Company
Sonogrout	Sonneborn Building Products
Upcon Multi Purpose Grout (262)	Bostik, Upco Division

C. Epoxy Grout - Acceptable Products Include:

Trade Name	Manufacturer
Concresive 1463	Adhesive Engineering Company
Upcon Epoxy Grout	Bostik, Upco Division
647 R Repair Grout	Ceilcote
Epoxy Grout 1-270	Permagile-Salmon Ltd.

D. Flowable mix shall develop a minimum compressive stress of 6000 psi in 28 days for cementitious grout and 10,000 psi in 28 days for epoxy grout.

SECTION 07010 **EXTERIOR CONCRETE COATING**

PART 1 - GENERAL

1.01 SECTION INCLUDES:

This section includes all work and material required for installation of concrete coating on manhole structures.

1.02 SUBMITTALS:

A. Manufacturer's information shall be submitted to the ENGINEER for each of the following, in the event that an approved equal product is to be considered:
   1. Concrete coating; and
   2. Primer coat for concrete coating.

1.03 JOB CONDITIONS:

Cleanup shall be performed promptly following installation of concrete coating materials. All waste materials generated in the course of installation of concrete coating become the responsibility of the CONTRACTOR, and shall be disposed of in accordance with all applicable regulations.

PART 2 - PRODUCTS

2.01 MATERIALS:

A. Concrete Priming Material: Semstone 110 by Carboline, in accordance with the manufacturer's recommendations.

B. Concrete Coating Material: Semstone 140 epoxy lining system by Carboline, in accordance with the manufacturer's recommendations.

C. Coverage rates presented herein are based on manufacturer's literature, and are considered to be accurate. Coverage may vary, however, depending on excessive spray loss, substrate texture, spillage, and varying film thickness.

PART 3 - EXECUTION

3.01 ENVIRONMENTAL CONDITIONS:

A. Surface, air and material temperature shall be between 60 and 80° F (15 and 27° C) for all application steps.

C. Surface temperature shall be not less than 5% above the dew point of the air in the work area.

D. Relative humidity shall be less than 80% for all application steps.

3.02 PREPARATION:

A. Surface preparation shall be completed in accordance with all manufacturer's recommendations prior to application of priming coat.

B. Surface preparation will require grit blasting or scarification of concrete to remove laitance and surface contaminants. Concrete must be thoroughly cured, free of oils, curing solutions and mold release agents, dust, and must be dry at the time of application (Refer to ASTM D-4263). CONTRACTOR shall obtain the concurrence of the ENGINEER regarding surface preparation methods prior to implementation of surface coating.

C. Following surface preparation, all projections shall be struck flush. All holes, cracks and voids shall be filled with grout in accordance with Section 03600 - Non-Shrink Grout prior to application of primer material. Fill holes and strike material flush so no grout remains on outside concrete surface.

3.03 INSTALLATION (CARBOLINE PRODUCTS):

A. Epoxy Coating Material:
   1. Allow Semstone 110 primer to cure prior to application of Semstone 140.
   2. Carboline Semstone 140 shall be applied to achieve a total film thickness of 20 to 30 dry mils (50 square feet per gallon).
   2. Expoxy coating shall be sprayed on by the manhole fabricator prior to delivery to the site.
   3. Touch up and repair shall be accomplished in accordance with manufacturer's recommendations.
   4. Testing:
      A. Testing shall be completed by the ENGINEER at such time as CONTRACTOR indicates that coating installation is completed and coating has completely cured (fingernail hard).
      B. Testing shall consist of visual inspection for color variation due to variable application and fingernail testing for obvious soft spots.

***** END OF SECTION *****