



Analytical Laboratory Report

Supplemental Report

Lab Sample ID: S38613.08
Sample Tag: 111762-EF-A-18
Collected Date/Time: 10/11/2008 09:42
Matrix: Soil
COC Reference: 51101

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	8oz. Glass	None	Yes	4.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
DRO Extraction	Completed			3510C	10/15/08 22:12	EMR		
Inorganics								
Total Solids	89	%	1	Std M 2540 B	10/16/08 11:15	DJS		
Organics - Semi-Volatiles								
TPH DRO (C10-C28)	3,100,000	ug/kg	100,000	8015B	10/16/08 13:21	ARH		XY
TPH ORO (C28-C36)	200,000	ug/kg	100,000	8015M	10/16/08 13:21	ARH		XY
Organics - Volatiles								
TPH GRO (C6-C10)	37,000,000	ug/kg	1,000,000	8015M	10/16/08 15:04	JGH		Y

X-Elevated reporting limit due to matrix interference Y-Elevated reporting limit due to high target concentration



Analytical Laboratory Report

Supplemental Report

Lab Sample ID: S38613.09
Sample Tag: 111762-EF-B-18
Collected Date/Time: 10/11/2008 09:44
Matrix: Soil
COC Reference: 51101

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	8oz. Glass	None	Yes	4.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
DRO Extraction	Completed			3510C	10/15/08 22:12	EMR		
Inorganics								
Total Solids	85	%	1	Std M 2540 B	10/16/08 11:15	DJS		
Organics - Semi-Volatiles								
TPH DRO (C10-C28)	4,100,000	ug/kg	200,000	8015B	10/16/08 14:54	ARH		XY
TPH ORO (C28-C36)	Not detected	ug/kg	200,000	8015M	10/16/08 14:54	ARH		XY
Organics - Volatiles								
TPH GRO (C6-C10)	33,000,000	ug/kg	1,000,000	8015M	10/16/08 15:23	JGH		Y

X-Elevated reporting limit due to matrix interference Y-Elevated reporting limit due to high target concentration



Analytical Laboratory Report

Supplemental Report

Lab Sample ID: S38613.10
Sample Tag: 111763-EF-B-15
Collected Date/Time: 10/11/2008 15:15
Matrix: Soil
COC Reference: 51101

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	8oz. Glass	None	Yes	4.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
DRO Extraction	Completed			3510C	10/14/08 12:46	PL		
Metal Digestion	Completed			3015A	10/16/08 17:00	PER		
Sodium Adsorption Ratio Prep.	Completed			20B	10/15/08 17:50	DJS		
Inorganics								
Conductivity	995	umhos/cm		120.1	10/17/08 11:35	JKB		
pH	8.31	STD Units	0.1	9045D	10/16/08 16:09	DJS		
Total Solids	88	%	1	Std M 2540 B	10/14/08 11:00	DJS		
Metals								
Sodium Adsorption Ratio	0.531			20B	10/17/08 09:30	BJR		
Calcium	155	mg/L	1.0	200.8	10/16/08 17:32	PER	7440-70-2	
Magnesium	51.8	mg/L	0.20	200.8	10/16/08 17:32	PER	7439-95-4	
Sodium	29.9	mg/L	0.20	200.8	10/16/08 17:32	PER	7440-23-5	
Organics - Semi-Volatiles								
TPH DRO (C10-C28)	1,900,000	ug/kg	100,000	8015B	10/14/08 17:14	ARH		X
TPH ORO (C28-C36)	Not detected	ug/kg	100,000	8015M	10/14/08 17:14	ARH		X
Organics - Volatiles								
TPH GRO (C6-C10)	8,000,000	ug/kg	1,000,000	8015M	10/14/08 20:38	JGH		Y

X-Elevated reporting limit due to matrix interference

Y-Elevated reporting limit due to high target concentration



Analytical Laboratory Report

Supplemental Report

Lab Sample ID: S38613.11
Sample Tag: 111760-SW-B-09-14
Collected Date/Time: 10/13/2008 09:30
Matrix: Soil
COC Reference: 51102

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	8oz. Glass	None	Yes	4.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
DRO Extraction	Completed			3510C	10/14/08 12:46	PL		
Inorganics								
Total Solids	92	%	1	Std M 2540 B	10/14/08 11:00	DJS		
Organics - Semi-Volatiles								
TPH DRO (C10-C28)	8,500,000	ug/kg	400,000	8015B	10/15/08 12:15	ARH		XY
TPH ORO (C28-C36)	Not detected	ug/kg	400,000	8015M	10/15/08 12:15	ARH		XY
Organics - Volatiles								
TPH GRO (C6-C10)	19,000,000	ug/kg	1,000,000	8015M	10/14/08 20:57	JGH		Y

X-Elevated reporting limit due to matrix interference Y-Elevated reporting limit due to high target concentration



Analytical Laboratory Report

Supplemental Report

Lab Sample ID: S38613.12
Sample Tag: 111760-EF-B-18
Collected Date/Time: 10/13/2008 09:59
Matrix: Soil
COC Reference: 51102

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	8oz. Glass	None	Yes	4.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
DRO Extraction	Completed			3510C	10/14/08 12:46	PL		
Inorganics								
Total Solids	81	%	1	Std M 2540 B	10/14/08 11:00	DJS		
Organics - Semi-Volatiles								
TPH DRO (C10-C28)	3,200,000	ug/kg	100,000	8015B	10/14/08 17:57	ARH		X
TPH ORO (C28-C36)	Not detected	ug/kg	100,000	8015M	10/14/08 17:57	ARH		X
Organics - Volatiles								
TPH GRO (C6-C10)	30,000,000	ug/kg	1,000,000	8015M	10/14/08 21:15	JGH		Y

X-Elevated reporting limit due to matrix interference

Y-Elevated reporting limit due to high target concentration



Analytical Laboratory Report

Supplemental Report

Lab Sample ID: S38613.13
Sample Tag: 111761-SW-A-07-10
Collected Date/Time: 10/13/2008 10:35
Matrix: Soil
COC Reference: 51102

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	8oz. Glass	None	Yes	4.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
DRO Extraction	Completed			3510C	10/14/08 12:46	PL		
Inorganics								
pH	9.16	STD Units	0.1	9045D	10/14/08 14:59	WAR		
Total Solids	92	%	1	Std M 2540 B	10/14/08 11:00	DJS		
Organics - Semi-Volatiles								
TPH DRO (C10-C28)	75,000	ug/kg	4,000	8015B	10/15/08 12:36	ARH		
TPH ORO (C28-C36)	Not detected	ug/kg	4,000	8015M	10/15/08 12:36	ARH		
Organics - Volatiles								
TPH GRO (C6-C10)	56,000	ug/kg	6,000	8015M	10/15/08 14:13	JGH		Y

Y-Elevated reporting limit due to high target concentration



Analytical Laboratory Report

Supplemental Report

Lab Sample ID: S38613.14
Sample Tag: 111761-EF-A-17
Collected Date/Time: 10/13/2008 10:45
Matrix: Soil
COC Reference: 51102

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	8oz. Glass	None	Yes	4.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
DRO Extraction	Completed			3510C	10/14/08 12:46	PL		
Inorganics								
Total Solids	85	%	1	Std M 2540 B	10/14/08 11:00	DJS		
Organics - Semi-Volatiles								
TPH DRO (C10-C28)	9,700,000	ug/kg	400,000	8015B	10/15/08 12:57	ARH		XY
TPH ORO (C28-C36)	Not detected	ug/kg	400,000	8015M	10/15/08 12:57	ARH		XY
Organics - Volatiles								
TPH GRO (C6-C10)	16,000,000	ug/kg	1,000,000	8015M	10/14/08 21:52	JGH		Y

X-Elevated reporting limit due to matrix interference Y-Elevated reporting limit due to high target concentration



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C.O.C. PAGE # 1 OF 2

51101

CHAIN OF CUSTODY RECORD

INVOICE TO

CONTACT NAME <i>Marisa Patterson</i>		CONTACT NAME <i>Stantec</i>	
COMPANY <i>Stantec</i>		COMPANY <i>Stantec</i>	
ADDRESS <i>2321 Club Meridian Dr., Ste E</i>		ADDRESS <i>Stantec</i>	
CITY <i>Okemos</i>	STATE <i>MI</i>	ZIP CODE <i>48864</i>	STATE <i>MI</i>
PHONE NO. <i>(517) 349-9499</i>	FAX NO. <i>(517) 349-6863</i>	PHONE NO.	FAX NO.
E-MAIL ADDRESS <i>marisa.patterson@stantec.com</i>		E-MAIL ADDRESS	
QUOTE NO. <i>080915-01</i>		QUOTE NO.	

PROJECT NO./NAME <i>South Canyon</i>		SAMPLE ID / PLEASE PRINT NAME <i>2 Phoon - 10 Phoon</i>	
TURNAROUND TIME REQUIRED <input type="checkbox"/> 24 HR <input checked="" type="checkbox"/> 48 HR <input type="checkbox"/> 72 HR <input type="checkbox"/> STANDARD <input type="checkbox"/> OTHER		SPECIAL INSTRUCTIONS/NOTES	
DELIVERABLES REQUIRED <input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> LEVEL I <input type="checkbox"/> LEVEL II <input type="checkbox"/> OTHER			
LABORATORY CODE	ANALYST	DATE	TIME
38612.01	10/10/08	1520	112108-SW-A-01-17
.02	1530		-SW-A-03-17
38613.01	1545		-SW-D-22-17
.02	1550		-SW-D-25-17
.03	1610		111763-SW-C-09-07
.04	1630		-SW-D-09-07
.05	1645		-SW-A-09-07
.06	0935		-EF-B-15
.07	0937		-EF-A-15
.08	0942		-EF-A-18
.09	0944		-EF-B-18
.10	1515		111763-EF-B-15

RELINQUISHED BY SIGNATURE OF ORGANIZATION <i>Stantec</i>	DATE <i>10/10/08</i>	TIME <i>1520</i>	RELINQUISHED BY SIGNATURE OF ORGANIZATION <i>Stantec</i>	DATE <i>10/10/08</i>	TIME <i>1530</i>
RECEIVED BY SIGNATURE OF ORGANIZATION	DATE	TIME	RECEIVED BY SIGNATURE OF ORGANIZATION	DATE	TIME
RECEIVED BY SIGNATURE OF ORGANIZATION	DATE	TIME	RECEIVED BY SIGNATURE OF ORGANIZATION	DATE	TIME

PLEASE NOTE: SIGNING ACKNOWLEDGES ACCEPTANCE OF TERMS & CONDITIONS ON REVERSE SIDE

14/18

2008-Oct-13 07:50 PM Courtyard Grand Junction 970-263-4424



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C.O.C. PAGE # 2 OF 2

51102

INVOICE TO

CONTACT NAME Marissa Patterson		CONTACT NAME NAME	
COMPANY Stanke		COMPANY NAME	
ADDRESS 2321 Club Meridian Dr., Ste E		ADDRESS	
CITY Okemos	STATE MI	CITY	STATE
ZIP CODE 48864	ZIP CODE	PHONE NO.	FAX NO.
PHONE NO. (517) 349-9199	FAX NO. (517) 349-4863	PO. NO.	PO. NO.
EMAIL ADDRESS marissa.patterson@stanke.com		QUOTE NO. 050915-01	

PROJECT NO/NAME South Canyon		SAMPLER(S) - PLEASE PRINT/SIGN NAME		SPECIAL INSTRUCTIONS/NOTES	
TURNAROUND TIME REQUIRED <input type="checkbox"/> 24 HR <input checked="" type="checkbox"/> 48 HR <input type="checkbox"/> 72 HR <input type="checkbox"/> STANDARD <input type="checkbox"/> OTHER		DELIVERABLES REQUIRED <input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> LEVEL A <input type="checkbox"/> LEVEL B <input type="checkbox"/> OTHER			
DATE	TIME	DATE	TIME	DATE	TIME
38613.11	10/13/08 0930	111760-SW-B-19-14	S 2 A	X X X X X	Run TPt only, 24hr TAT
.12	10/13/08 0959	- EF- C-18		X X X X X	Run TPt only, 24hr TAT
.13	1035	111761-SW-A-07-10		X X X X X	Run TPt + pH, 24hr TAT
.14	1045	- EF- A-12		X X X X X	Run TPt only, 24hr TAT

RELINQUISHED BY: SIGNATURE/ORGANIZATION Moore - Stanke	DATE 10/13/08	TIME 1700	RELINQUISHED BY: SIGNATURE/ORGANIZATION Patterson	DATE 10-14-08	TIME 030
RECEIVED BY: SIGNATURE/ORGANIZATION	DATE	TIME	RECEIVED BY: SIGNATURE/ORGANIZATION	DATE	TIME
REINQUISHED BY: SIGNATURE/ORGANIZATION	DATE	TIME	REINQUISHED BY: SIGNATURE/ORGANIZATION	DATE	TIME
RECEIVED BY: SIGNATURE/ORGANIZATION	DATE	TIME	RECEIVED BY: SIGNATURE/ORGANIZATION	DATE	TIME

PLEASE NOTE: SIGNING ACKNOWLEDGES ACCEPTANCE OF TERMS & CONDITIONS ON REVERSE SIDE



C.O.C. PAGE # 2 OF 2

51102

CHAIN OF CUSTODY RECORD

INVOICE TO

PROJECT NO./NAME <i>South Canyon</i>	SAMPLER(S) - PLEASE PRINT-SIGN NAME				<i>URG, ORD 01.5 B 4 (20.1) 5C 3) a, B, Cd, Co, Hg, Mo, Ni, 7, 2n A 17471A</i>	SPECIAL INSTRUCTIONS/NOTES	
TURNAROUND TIME REQUIRED	<input checked="" type="checkbox"/> 124 HR	<input checked="" type="checkbox"/> 48 HR	<input type="checkbox"/> 72 HR	<input type="checkbox"/> STANDARD			<input type="checkbox"/> OTHER
DELIVERABLES REQUIRED	<input checked="" type="checkbox"/> STANDARD	<input type="checkbox"/> LEVEL II	<input type="checkbox"/> LEVEL III	<input type="checkbox"/> OTHER			

RELINQUISHED BY: SIGNATURE/ORGANIZATION <i>Moore - Stanley</i>	DATE 10/12/08	TIME 1800	RELINQUISHED BY: SIGNATURE/ORGANIZATION	DATE	TIME	
RECEIVED BY: SIGNATURE/ORGANIZATION	DATE	TIME	RECEIVED BY: SIGNATURE/ORGANIZATION	DATE	TIME	
RELINQUISHED BY: SIGNATURE/ORGANIZATION	DATE	TIME	SEAL NO.	SEAL INTACT YES <input type="checkbox"/> NO <input type="checkbox"/>	INITIALS	NOTES: TEMP. ON ARRIVAL _____
RECEIVED BY: SIGNATURE/ORGANIZATION	DATE	TIME	SEAL NO.	SEAL INTACT YES <input type="checkbox"/> NO <input type="checkbox"/>	INITIALS	

PLEASE NOTE: SIGNING ACKNOWLEDGES ACCEPTANCE OF TERMS & CONDITIONS ON REVERSE SIDE



Analytical Laboratory Report

Revised Report

Report ID: S38748.01(02)
Generated on 10/27/2008
Replaces report S38748.01(01) generated on 10/24/2008

Report to

Attention: Marisa Patterson
Stantec
2321 Club Meridian Dr. #E
Okemos, MI 48864-4505
MSA# 94023

Phone: 517-349-9499 FAX: 517-349-6863
Email: marisa.patterson@stantec.com

Report produced by

Merit Laboratories
2680 East Lansing Drive
East Lansing, MI 48823

Phone: (517) 332-0167 FAX: (517) 332-6333

Report Summary

Lab Sample ID(s): S38748.01-S38748.05
Project: South Canyon
Collected Date: 10/21/2008
Submitted Date/Time: 10/22/2008 11:00
Sampled by: Chris Zimmer
P.O. #:

Sample tags revised per client's request

Report Notes

Results relate only to items tested as received by the laboratory.
Methods may be modified for improved performance.
Results reported on a dry weight basis where applicable.
"Not detected" indicates that parameter was not found at a level equal to or greater than the RL.
Report shall not be reproduced except in full, without the written approval of Merit Laboratories.

Violetta F. Murshak
Laboratory Director



Analytical Laboratory Report

Revised Report

Sample Summary (5 samples)

Sample ID	Sample Tag	Matrix	Collected Date/Time
S38748.01	111761-AS-01	Soil	10/21/2008 08:50
S38748.02	111761-AS-02	Soil	10/21/2008 08:55
S38748.03	111761-AS-03	Soil	10/21/2008 09:00
S38748.04	111763-AS-01	Soil	10/21/2008 09:25
S38748.05	111763-AS-02	Soil	10/21/2008 14:15



Analytical Laboratory Report

Revised Report

Lab Sample ID: S38748.01
Sample Tag: 111761-AS-01
Collected Date/Time: 10/21/2008 08:50
Matrix: Soil
COC Reference: 49945

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	8oz. Glass	None	Yes	4.7	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
DRO Extraction	Completed			3510C	10/22/08 18:37	DLR		
Metal Digestion	Completed			3015A	10/23/08 16:00	PER		
Sodium Adsorption Ratio Prep.	Completed			20B	10/22/08 11:49	DJS		
Inorganics								
Conductivity	4,275	umhos/cm		120.1	10/23/08 12:45	JKB		
pH	7.48	STD Units	0.1	9045D	10/23/08 14:08	WAR		
Total Solids	93	%	1	Std M 2540 B	10/22/08 11:30	DJS		
Metals								
Sodium Adsorption Ratio	3.93			20B	10/24/08 08:00	BJR		
Calcium	535	mg/L	1.0	200.8	10/23/08 16:57	PER	7440-70-2	
Magnesium	213	mg/L	0.20	200.8	10/23/08 16:57	PER	7439-95-4	
Sodium	425	mg/L	0.20	200.8	10/23/08 16:57	PER	7440-23-5	
Organics - Semi-Volatiles								
TPH DRO (C10-C28)	1,200,000	ug/kg	100,000	8015B	10/22/08 22:16	ARH		XY
TPH ORO (C28-C36)	Not detected	ug/kg	100,000	8015M	10/22/08 22:16	ARH		XY
Organics - Volatiles								
TPH GRO (C6-C10)	1,100,000	ug/kg	500,000	8015M	10/22/08 17:22	JGH		Y

X-Elevated reporting limit due to matrix interference Y-Elevated reporting limit due to high target concentration



Analytical Laboratory Report

Revised Report

Lab Sample ID: S38748.02
Sample Tag: 111761-AS-02
Collected Date/Time: 10/21/2008 08:55
Matrix: Soil
COC Reference: 49945

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	8oz. Glass	None	Yes	4.7	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
DRO Extraction	Completed			3510C	10/22/08 18:37	DLR		
Metal Digestion	Completed			3015A	10/23/08 16:00	PER		
Sodium Adsorption Ratio Prep.	Completed			20B	10/22/08 11:49	DJS		
Inorganics								
Conductivity	5,835	umhos/cm		120.1	10/23/08 12:50	JKB		
pH	7.85	STD Units	0.1	9045D	10/23/08 14:08	WAR		
Total Solids	93	%	1	Std M 2540 B	10/22/08 11:30	DJS		
Metals								
Sodium Adsorption Ratio	3.98			20B	10/24/08 08:00	BJR		
Calcium	554	mg/L	1.0	200.8	10/23/08 16:59	PER	7440-70-2	
Magnesium	211	mg/L	0.20	200.8	10/23/08 16:59	PER	7439-95-4	
Sodium	434	mg/L	0.20	200.8	10/23/08 16:59	PER	7440-23-5	
Organics - Semi-Volatiles								
TPH DRO (C10-C28)	1,500,000	ug/kg	100,000	8015B	10/22/08 22:37	ARH		XY
TPH ORO (C28-C36)	Not detected	ug/kg	100,000	8015M	10/22/08 22:37	ARH		XY
Organics - Volatiles								
TPH GRO (C6-C10)	6,200,000	ug/kg	500,000	8015M	10/22/08 17:40	JGH		Y

X-Elevated reporting limit due to matrix interference Y-Elevated reporting limit due to high target concentration



Analytical Laboratory Report

Revised Report

Lab Sample ID: S38748.03
Sample Tag: 111761-AS-03
Collected Date/Time: 10/21/2008 09:00
Matrix: Soil
COC Reference: 49945

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	8oz. Glass	None	Yes	4.7	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
DRO Extraction	Completed			3510C	10/22/08 18:37	DLR		
Metal Digestion	Completed			3015A	10/23/08 16:00	PER		
Sodium Adsorption Ratio Prep.	Completed			20B	10/22/08 11:49	DJS		
Inorganics								
Conductivity	5,640	umhos/cm		120.1	10/23/08 12:55	JKB		
pH	7.77	STD Units	0.1	9045D	10/23/08 14:08	WAR		
Total Solids	93	%	1	Std M 2540 B	10/22/08 11:30	DJS		
Metals								
Sodium Adsorption Ratio	3.77			20B	10/24/08 08:00	BJR		
Calcium	567	mg/L	1.0	200.8	10/23/08 17:00	PER	7440-70-2	
Magnesium	216	mg/L	0.20	200.8	10/23/08 17:00	PER	7439-95-4	
Sodium	416	mg/L	0.20	200.8	10/23/08 17:00	PER	7440-23-5	
Organics - Semi-Volatiles								
TPH DRO (C10-C28)	1,200,000	ug/kg	100,000	8015B	10/22/08 22:59	ARH		XY
TPH ORO (C28-C36)	Not detected	ug/kg	100,000	8015M	10/22/08 22:59	ARH		XY
Organics - Volatiles								
TPH GRO (C6-C10)	7,300,000	ug/kg	500,000	8015M	10/22/08 17:58	JGH		Y

X-Elevated reporting limit due to matrix interference Y-Elevated reporting limit due to high target concentration



Analytical Laboratory Report

Revised Report

Lab Sample ID: S38748.04
Sample Tag: 111763-AS-01
Collected Date/Time: 10/21/2008 09:25
Matrix: Soil
COC Reference: 49945

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	8oz. Glass	None	Yes	4.7	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
DRO Extraction	Completed			3510C	10/22/08 18:37	DLR		
Metal Digestion	Completed			3015A	10/23/08 16:00	PER		
Sodium Adsorption Ratio Prep.	Completed			20B	10/22/08 11:49	DJS		
Inorganics								
Conductivity	1,255	umhos/cm		120.1	10/23/08 13:00	JKB		
pH	7.97	STD Units	0.1	9045D	10/23/08 14:08	WAR		
Total Solids	95	%	1	Std M 2540 B	10/22/08 11:30	DJS		
Metals								
Sodium Adsorption Ratio	0.534			20B	10/24/08 08:00	BJR		
Calcium	93.8	mg/L	1.0	200.8	10/23/08 17:01	PER	7440-70-2	
Magnesium	45.5	mg/L	0.20	200.8	10/23/08 17:01	PER	7439-95-4	
Sodium	25.2	mg/L	0.20	200.8	10/23/08 17:01	PER	7440-23-5	
Organics - Semi-Volatiles								
TPH DRO (C10-C28)	3,200,000	ug/kg	800,000	8015B	10/22/08 23:20	ARH		XY
TPH ORO (C28-C36)	Not detected	ug/kg	100,000	8015M	10/22/08 23:20	ARH		XY
Organics - Volatiles								
TPH GRO (C6-C10)	1,900,000	ug/kg	100,000	8015M	10/23/08 15:02	JGH		Y

X-Elevated reporting limit due to matrix interference Y-Elevated reporting limit due to high target concentration



Analytical Laboratory Report

Revised Report

Lab Sample ID: S38748.05
Sample Tag: 111763-AS-02
Collected Date/Time: 10/21/2008 14:15
Matrix: Soil
COC Reference: 49945

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	8oz. Glass	None	Yes	4.7	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
DRO Extraction	Completed			3510C	10/22/08 18:37	DLR		
Metal Digestion	Completed			3015A	10/23/08 16:00	PER		
Sodium Adsorption Ratio Prep.	Completed			20B	10/22/08 11:49	DJS		
Inorganics								
Conductivity	4,885	umhos/cm		120.1	10/23/08 13:05	JKB		
pH	7.74	STD Units	0.1	9045D	10/23/08 14:08	WAR		
Total Solids	94	%	1	Std M 2540 B	10/22/08 11:30	DJS		
Metals								
Sodium Adsorption Ratio	0.370			20B	10/24/08 08:00	BJR		
Calcium	598	mg/L	1.0	200.8	10/23/08 17:02	PER	7440-70-2	
Magnesium	141	mg/L	0.20	200.8	10/23/08 17:02	PER	7439-95-4	
Sodium	38.7	mg/L	0.20	200.8	10/23/08 17:02	PER	7440-23-5	
Organics - Semi-Volatiles								
TPH DRO (C10-C28)	900,000	ug/kg	100,000	8015B	10/22/08 23:41	ARH		XY
TPH ORO (C28-C36)	Not detected	ug/kg	100,000	8015M	10/22/08 23:41	ARH		XY
Organics - Volatiles								
TPH GRO (C6-C10)	2,500,000	ug/kg	100,000	8015M	10/23/08 15:20	JGH		Y

X-Elevated reporting limit due to matrix interference Y-Elevated reporting limit due to high target concentration

REPORT TO

CHAIN OF CUSTODY RECORD

49945

[illegible]

PLEASE NOTE: SIGNING ACKNOWLEDGES ACCEPTANCE OF TERMS & CONDITIONS ON REVERSE SIDE

10/21/2008 20:53 9702436705

QUALITY INN

PAGE 02/07

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Laboratories, Inc.

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C.O.C. PAGE # 1 OF 1

49945

REPORT TO

CHAIN OF CUSTODY RECORD

INVOICE TO

CONTACT NAME <u>Marisa Patterson</u>			
COMPANY <u>Stantec Consulting</u>			
ADDRESS <u>2321 Club Meridian Dr Suite E</u>			
CITY <u>Okeemos</u>	STATE <u>MI</u>	ZIP CODE <u>48864</u>	
PHONE NO. <u>517-349-9499</u>	FAX NO. <u>517-349-6863</u>	P.O. NO.	
E-MAIL ADDRESS <u>marisa.patterson@stantec.com</u>		QUOTE NO. <u>080915-01</u>	

CONTACT NAME <u>X SAME</u>			
COMPANY			
ADDRESS			
CITY	STATE	ZIP CODE	
PHONE NO.	FAX NO.	P.O. NO.	

ANALYSIS (ATTACH LIST IF MORE SPACE REQUIRED)

PROJECT NO./NAME <u>South Canyon</u>			SAMPLER(S) - PLEASE PRINT/SIGN NAME <u>Chris Linn</u> <u>Chris Linn</u>										SPECIAL INSTRUCTIONS/NOTES											
TURNAROUND TIME REQUIRED <input type="checkbox"/> 24 HR <input checked="" type="checkbox"/> 48 HR <input type="checkbox"/> 72 HR <input type="checkbox"/> STANDARD <input type="checkbox"/> OTHER																								
DELIVERABLES REQUIRED <input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> LEVEL II <input type="checkbox"/> LEVEL III <input type="checkbox"/> OTHER																								
MATRIX CODE:	GW=GROUNDWATER SL=SLUDGE	WW=WASTEWATER O=OIL	S=SOIL A=AIR	L=LIQUID W=WASTE	SD=SOLID M=MISC	# Containers & Preservatives																		
MERIT LAB NO.	YEAR DATE TIME		SAMPLE TAG IDENTIFICATION-DESCRIPTION			MATRIX	# OF BOTTLES	NONE	HCL	HNO3	H2SO4	NaOH	MeOH	OTHER	TPH	Conductivity (120.1)	PH	SAR (200)	Metals (As, Ba, Bi, Cd, Cr, Cu, Pb, Hg, Mo, Ni, Se, Ag, Zn)					
	10/21/09	850	111760-AS-17	S	2	X									X	X	X	X	X					
	10/21/09	855	111760-AS-18	S	2	X									X	X	X	X	X					
	10/21/09	900	111760-AS-19	S	2	X									X	X	X	X	X					
	10/21/09	925	111763-AS-01	S	2	X									X	X	X	X	X					
	10/21/09	1415	111763-AS-02	S	2	X									X	X	X	X	X					

RELINQUISHED BY: SIGNATURE/ORGANIZATION <u>Chris Linn Stantec</u>	DATE <u>10/21/09</u>	TIME <u>1520</u>
RECEIVED BY: SIGNATURE/ORGANIZATION	DATE	TIME
RE. INQUIRED BY: SIGNATURE/ORGANIZATION	DATE	TIME
RECEIVED BY: SIGNATURE/ORGANIZATION	DATE	TIME

RELINQUISHED BY: SIGNATURE/ORGANIZATION	DATE	TIME
RECEIVED BY: SIGNATURE/ORGANIZATION	DATE	TIME
SEAL NO.	SEAL INTACT YES <input type="checkbox"/> NO <input type="checkbox"/>	INITIALS
SEAL NO.	SEAL INTACT YES <input type="checkbox"/> NO <input type="checkbox"/>	INITIALS
NOTES:		TEMP. ON ARRIVAL

PLEASE NOTE: SIGNING ACKNOWLEDGES ACCEPTANCE OF TERMS & CONDITIONS ON REVERSE SIDE



Analytical Laboratory Report

Supplemental Report

Report ID: S38768.01(02)
Generated on 10/27/2008
Replaces report S38768.01(01) generated on 10/24/2008

Report to

Attention: Marisa Patterson
Stantec
2321 Club Meridian Dr. #E
Okemos, MI 48864-4505
MSA# 94023

Phone: 517-349-9499 FAX: 517-349-6863
Email: marisa.patterson@stantec.com

Report produced by

Merit Laboratories
2680 East Lansing Drive
East Lansing, MI 48823

Phone: (517) 332-0167 FAX: (517) 332-6333

Report Summary

Lab Sample ID(s): S38768.01-S38768.07
Project: South Canyon
Collected Date: 10/21/2008 - 10/22/2008
Submitted Date/Time: 10/23/2008 10:25
Sampled by: Chris Zimmer
P.O. #:

Report Notes

Results relate only to items tested as received by the laboratory.
Methods may be modified for improved performance.
Results reported on a dry weight basis where applicable.
"Not detected" indicates that parameter was not found at a level equal to or greater than the RL.
Report shall not be reproduced except in full, without the written approval of Merit Laboratories.

Violetta F. Murshak
Laboratory Director



Analytical Laboratory Report

Supplemental Report

Sample Summary (7 samples)

Sample ID	Sample Tag	Matrix	Collected Date/Time
S38768.01	111793-SW-B-05-09	Soil	10/21/2008 18:15
S38768.02	111793-SW-B-07-09	Soil	10/21/2008 18:20
S38768.03	111793-EF-A-19	Soil	10/22/2008 11:35
S38768.04	111793-EF-A-21	Soil	10/22/2008 11:50
S38768.05	111793-EF-A-23	Soil	10/22/2008 12:00
S38768.06	111763-AS-03	Soil	10/22/2008 16:05
S38768.07	111762-AS-01	Soil	10/22/2008 13:50



Analytical Laboratory Report

Supplemental Report

Lab Sample ID: S38768.01
Sample Tag: 111793-SW-B-05-09
Collected Date/Time: 10/21/2008 18:15
Matrix: Soil
COC Reference: 49944

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	8oz. Glass	None	Yes	4.4	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
DRO Extraction	Completed			3510C	10/24/08 15:50	DLR		
Metal Digestion	Completed			3015A	10/27/08 12:00	PER		
Sodium Adsorption Ratio Prep.	Completed			20B	10/24/08 13:24	DJS		
Inorganics								
Conductivity	1,530	umhos/cm		120.1	10/23/08 16:20	JKB		
pH	9.07	STD Units	0.1	9045D	10/24/08 13:43	WAR		
Total Solids	95	%	1	Std M 2540 B	10/24/08 11:30	DJS		
Metals								
Sodium Adsorption Ratio	6.12			20B	10/27/08 16:00	BJR		
Calcium	93.3	mg/L	1.0	200.8	10/27/08 12:23	PER	7440-70-2	
Magnesium	41.6	mg/L	0.20	200.8	10/27/08 12:23	PER	7439-95-4	
Sodium	283	mg/L	0.20	200.8	10/27/08 12:23	PER	7440-23-5	
Organics - Semi-Volatiles								
TPH DRO (C10-C28)	16,000	ug/kg	4,000	8015B	10/27/08 13:37	ARH		
TPH ORO (C28-C36)	Not detected	ug/kg	4,000	8015M	10/27/08 13:37	ARH		
Organics - Volatiles								
TPH GRO (C6-C10)	1,000	ug/kg	1,000	8015M	10/27/08 14:44	JGH		



Analytical Laboratory Report

Supplemental Report

Lab Sample ID: S38768.02
Sample Tag: 111793-SW-B-07-09
Collected Date/Time: 10/21/2008 18:20
Matrix: Soil
COC Reference: 49944

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	8oz. Glass	None	Yes	4.4	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Analyst	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				10/23/08 11:00	BJR		



Analytical Laboratory Report

Supplemental Report

Lab Sample ID: S38768.03
Sample Tag: 111793-EF-A-19
Collected Date/Time: 10/22/2008 11:35
Matrix: Soil
COC Reference: 49944

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	8oz. Glass	None	Yes	4.4	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Analyst	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				10/23/08 11:00	BJR		



Analytical Laboratory Report

Supplemental Report

Lab Sample ID: S38768.04
Sample Tag: 111793-EF-A-21
Collected Date/Time: 10/22/2008 11:50
Matrix: Soil
COC Reference: 49944

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	8oz. Glass	None	Yes	4.4	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Analyst	CAS #	Flags
Other / Misc.								
Hold until notified	Completed				10/23/08 11:00	BJR		



Analytical Laboratory Report

Supplemental Report

Lab Sample ID: S38768.05
Sample Tag: 111793-EF-A-23
Collected Date/Time: 10/22/2008 12:00
Matrix: Soil
COC Reference: 49944

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	8oz. Glass	None	Yes	4.4	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
DRO Extraction	Completed			3510C	10/23/08 16:17	DLR		
Metal Digestion	Completed			3015A	10/27/08 12:00	PER		
Sodium Adsorption Ratio Prep.	Completed			20B	10/24/08 13:24	DJS		
Inorganics								
Conductivity	1,290	umhos/cm		120.1	10/24/08 15:40	JKB		
pH	9.24	STD Units	0.1	9045D	10/24/08 13:43	WAR		
Total Solids	89	%	1	Std M 2540 B	10/23/08 11:30	DJS		
Metals								
Sodium Adsorption Ratio	8.42			20B	10/27/08 16:00	BJR		
Calcium	15.7	mg/L	1.0	200.8	10/27/08 12:24	PER	7440-70-2	
Magnesium	18.6	mg/L	0.20	200.8	10/27/08 12:24	PER	7439-95-4	
Sodium	208	mg/L	0.20	200.8	10/27/08 12:24	PER	7440-23-5	
Organics - Semi-Volatiles								
TPH DRO (C10-C28)	15,000	ug/kg	4,000	8015B	10/23/08 15:49	ARH		
TPH ORO (C28-C36)	Not detected	ug/kg	4,000	8015M	10/23/08 15:49	ARH		
Organics - Volatiles								
TPH GRO (C6-C10)	200,000	ug/kg	30,000	8015M	10/23/08 15:49	JGH		Y

Y-Elevated reporting limit due to high target concentration



Analytical Laboratory Report

Supplemental Report

Lab Sample ID: S38768.06
Sample Tag: 111763-AS-03
Collected Date/Time: 10/22/2008 16:05
Matrix: Soil
COC Reference: 49944

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	8oz. Glass	None	Yes	4.4	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
DRO Extraction	Completed			3510C	10/23/08 16:17	DLR		
Metal Digestion	Completed			3015A	10/23/08 16:00	PER		
Sodium Adsorption Ratio Prep.	Completed			20B	10/23/08 15:20	DJS		
Inorganics								
Conductivity	1,775	umhos/cm		120.1	10/24/08 15:45	JKB		
pH	8.20	STD Units	0.1	9045D	10/23/08 14:08	WAR		
Total Solids	96	%	1	Std M 2540 B	10/23/08 11:30	DJS		
Metals								
Sodium Adsorption Ratio	0.421			20B	10/24/08 08:00	BJR		
Calcium	155	mg/L	1.0	200.8	10/23/08 17:04	PER	7440-70-2	
Magnesium	69.3	mg/L	0.20	200.8	10/23/08 17:04	PER	7439-95-4	
Sodium	25.1	mg/L	0.20	200.8	10/23/08 17:04	PER	7440-23-5	
Organics - Semi-Volatiles								
TPH DRO (C10-C28)	400,000	ug/kg	100,000	8015B	10/23/08 14:02	ARH		XY
TPH ORO (C28-C36)	Not detected	ug/kg	100,000	8015M	10/23/08 14:02	ARH		XY
Organics - Volatiles								
TPH GRO (C6-C10)	790,000	ug/kg	50,000	8015M	10/23/08 16:07	JGH		Y

X-Elevated reporting limit due to matrix interference Y-Elevated reporting limit due to high target concentration



Analytical Laboratory Report

Supplemental Report

Lab Sample ID: S38768.07
Sample Tag: 111762-AS-01
Collected Date/Time: 10/22/2008 13:50
Matrix: Soil
COC Reference: 49944

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	8oz. Glass	None	Yes	4.4	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
DRO Extraction	Completed			3510C	10/23/08 16:17	DLR		
Metal Digestion	Completed			3015A	10/23/08 16:00	PER		
Sodium Adsorption Ratio Prep.	Completed			20B	10/23/08 15:20	DJS		
Inorganics								
Conductivity	7,050	umhos/cm		120.1	10/24/08 15:50	JKB		
pH	7.85	STD Units	0.1	9045D	10/23/08 14:08	WAR		
Total Solids	94	%	1	Std M 2540 B	10/23/08 11:30	DJS		
Metals								
Sodium Adsorption Ratio	0.395			20B	10/24/08 08:00	BJR		
Calcium	581	mg/L	1.0	200.8	10/23/08 17:05	PER	7440-70-2	
Magnesium	133	mg/L	0.20	200.8	10/23/08 17:05	PER	7439-95-4	
Sodium	40.6	mg/L	0.20	200.8	10/23/08 17:05	PER	7440-23-5	
Organics - Semi-Volatiles								
TPH DRO (C10-C28)	900,000	ug/kg	100,000	8015B	10/23/08 14:23	ARH		XY
TPH ORO (C28-C36)	Not detected	ug/kg	100,000	8015M	10/23/08 14:23	ARH		XY
Organics - Volatiles								
TPH GRO (C6-C10)	4,000,000	ug/kg	600,000	8015M	10/23/08 14:44	JGH		Y

X-Elevated reporting limit due to matrix interference Y-Elevated reporting limit due to high target concentration



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C.O.C. PAGE # 1 OF 1

49944

10/22/2008 20:21 9702436709

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PAGE 02/05

REPORT TO

CHAIN OF CUSTODY RECORD

INVOICE TO

CONTACT NAME: Marcia Patterson
COMPANY: Quintec
ADDRESS: 2221 ClubMorton Dr Suite E
CITY: Okemos STATE: MI ZIP CODE: 48864
PHONE NO.: 517-332-0167 FAX NO.: 517-332-6333 P.O. NO.:
E-MAIL ADDRESS: marcia.patterson@quintec.com QUOTE NO.: 49944-01

CONTACT NAME:
COMPANY: ☐ SAME
ADDRESS:
CITY: STATE: ZIP CODE:
PHONE NO.: FAX NO.: P.O. NO.:

ANALYSIS (ATTACH LIST IF MORE SPACE REQUIRED)

PROJECT NO./NAME: South Canyon SAMPLES - PLEASE PRINT/TYPE NAME: Ch. 56, 20112 / Ch. 72
TURNAROUND TIME REQUIRED: ☐ 24 HR ☒ 48 HR ☐ 72 HR ☐ STANDARD ☐ OTHER
DELIVERABLES REQUIRED: ☒ STANDARD ☐ LEVEL I ☐ LEVEL II ☐ OTHER

MATRIX CODE: GW=GROUNDWATER SL=SLUDGE WW=WASTEWATER OW=OIL S=SOLID L=LIQUID SD=SOLID M=MISC
A=AIR V=WASTE

Containers & Preservatives

MERIT LAB NO.	YEAR		SAMPLE TAG IDENTIFICATION-DESCRIPTION	MATRIX	# OF CONTAINERS	PRESERVATIVES										SPECIAL INSTRUCTIONS/NOTES
	DATE	TIME				NONE	HCL	HNO3	H2SO4	HF	HCN	OTHER	OTHER	OTHER	OTHER	
38768.01	10/22/08	1315	111713-SW-R-05-01	S	1	X										
02	10/22/08	1640	111713-SW-B-01-01	S	2	X										Run EC only, 24-hr TAT
03	10/22/08	1150	111713-EF-A-17	S	2	X										HOLD
04	10/22/08	1150	111713-EF-A-21	S	2	X										HOLD
05	10/22/08	1200	111713-EF-A-23	S	2	X										HOLD
	10/22/08	1350	111713-AS-C-3	S	2	X										Run TPH only, 24-hr TAT
06	10/22/08	1600	111713-AS-C-3	S	2	X										Run TPH, pH, SAR, EC, 48-hr TAT
07	10/22/08	1300	111713-AS-C-1	S	2	X										Run TPH, pH, SAR, EC, 48-hr TAT

RECEIVED BY: [Signature] DATE: 10/22/08 TIME: 1710
RECEIVED BY: [Signature] DATE: TIME:
RECEIVED BY: [Signature] DATE: TIME:
RECEIVED BY: [Signature] DATE: TIME:

RECEIVED BY: [Signature] DATE: 10/23/08 TIME: 10:25
RECEIVED BY: [Signature] DATE: TIME:
SEAL NO. SEAL INTACT YES ☐ NO ☐ INITIALS: [Initials] NOTES: TEMP ON ARRIVAL 4.4
SEAL NO. SEAL INTACT YES ☐ NO ☐ INITIALS: [Initials]

PLEASE NOTE: SIGNING ACKNOWLEDGES ACCEPTANCE OF TERMS & CONDITIONS ON REVERSE SIDE



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C.O.C. PAGE # 1 OF 1

49944

REPORT TO

CHAIN OF CUSTODY RECORD

INVOICE TO

CONTACT NAME <i>Marisa Patterson</i>	
COMPANY <i>Stantec</i>	
ADDRESS <i>2321 Club Meridian Dr. Suite E</i>	
CITY <i>Okemos</i>	STATE <i>MI</i>
PHONE NO. <i>517-349-9499</i>	FAX NO. <i>517-349-6863</i>
E-MAIL ADDRESS <i>marisa.patterson@stantec.com</i>	
P.O. NO.	
QUOTE NO. <i>080915-01</i>	

CONTACT NAME		SAME	
COMPANY			
ADDRESS			
CITY	STATE	ZIP CODE	
PHONE NO.	TAX NO.	P.O. NO.	

PROJECT NO./NAME <i>South Canyon</i>	SAMPLER(S) PLEASE PRINT/SIGN NAME <i>Chris Zimm</i>
TURNAROUND TIME REQUIRED <input type="checkbox"/> 24 HR <input checked="" type="checkbox"/> 48 HR <input type="checkbox"/> 72 HR <input type="checkbox"/> STANDARD <input type="checkbox"/> OTHER	
DELIVERABLES REQUIRED <input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> LEVEL II <input type="checkbox"/> LEVEL III <input type="checkbox"/> OTHER	

ANALYSIS (ATTACH LIST IF MORE SPACE REQUIRED)

SPECIAL INSTRUCTIONS/NOTES

MATRIX CODE:	GW=GROUNDWATER SL=SLUDGE	WW=WASTEWATER O=OIL	S=SOIL A=AIR	L=LIQUID W=WASTE	SD=SOLID M=MISC
--------------	-----------------------------	------------------------	-----------------	---------------------	--------------------

Containers & Preservatives

MERIT LAB NO.	YEAR		SAMPLE TAG IDENTIFICATION-DESCRIPTION	MATRIX	# OF BOTTLES	NONE	HCL	HNO3	H2SO4	NaOH	MeOH	OTHER
	DATE	TIME										
	10/21/08	1815	111793-SW-B-5-9	S	2	X						
	10/21/08	1820	111793-SW-B-7-9	S	2	X						
	10/22/08	1135	111793-EF-A-19	S	2	X						
	10/22/08	1150	111793-EF-A-21	S	2	X						
	10/22/08	1200	111793-EF-A-23	S	2	X						
	10/22/08	1350	111762-AS-03	S	2	X						
	10/22/08	1605	111763-AS-03	S	2	X						
	10/22/08	1350	111762-AS-01	S	2	X						

TPH (CERCLA/CLU)
Conductivity (20.1)
PH (20.15C)
SAR (20B)
Metals (As, Ba, Bi, Cd, Cr, Cu, Pb, Hg, Mo, Ni, Se, Ag, Zn)
6020A/7971A

RELINQUISHED BY: SIGNATURE/ORGANIZATION <i>Chris Zimm</i>	DATE <i>10/22/08</i>	TIME <i>1700</i>
RECEIVED BY: SIGNATURE/ORGANIZATION	DATE	TIME
RELINQUISHED BY: SIGNATURE/ORGANIZATION	DATE	TIME
RECEIVED BY: SIGNATURE/ORGANIZATION	DATE	TIME

RELINQUISHED BY: SIGNATURE/ORGANIZATION	DATE	TIME
RECEIVED BY: SIGNATURE/ORGANIZATION	DATE	TIME
SEAL INTACT YES <input type="checkbox"/> NO <input type="checkbox"/>	INITIALS	NOTES
SEAL NO.	TEMP. ON ARRIVAL	

PLEASE NOTE: SIGNING ACKNOWLEDGES ACCEPTANCE OF TERMS & CONDITIONS ON REVERSE SIDE