TRACE
the science of compliance

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Trace Analytical Laboratories, Inc.
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Muskegon, MI 49444-2673
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July 28, 2007

Mr. Dan Capone
Weston Solutions
2501 Jolly Rd., Suite 100
Okemos, MI 48864

Phone: (517) 381-5932
Fax: -

RE: Trace Project T07G248
Client Project Lake Lindener / 20405120120010248

Dear Mr. Capone:

Enclosed are your analytical results.

All reports were examined through Trace's validation process to ensure that requirements for quality and completeness were satisfied. All reported analytical results were obtained in accordance with the methods referenced on the reports. Every practical effort was made to meet the reporting limit specifications for this work. Some reports may have raised reporting limits to correct for percent solids.

If you have questions concerning this report, please contact me at 231.773.5998 or by email at jmink@trace-labs.com.

Sincerely,

Jon Mink
Project Manager

Enclosures

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AN EXPLANATION OF TERMS AND SYMBOLS WHICH MAY OCCUR IN THIS REPORT

DEFINITIONS

LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MS	Matrix Spike
MSD	Matrix Spike Duplicate
RPD	Relative Percent Difference
DUP	Matrix Duplicate
RDL	Reporting Detection Limit
MCL	Maximum Contamination Limit
TIC	Tentatively Identified Compound
<, ND or U	Indicates the compound was analyzed for but not detected
*	Indicates a result that exceeds its associated MCL or Surrogate control limits
#	Not evaluated by NELAC

DATA QUALIFIERS

201	The MS recovery was out of control high, resulting in an out of control RPD between the MS and the MSD. The result for this analyte, in the non-spiked version of the sample, must be considered estimated.
205	The MS and MSD recoveries were out of control low. The result and reporting limit for this analyte, in the non-spiked version of the sample, must be considered estimated.
209	The MSD recovery was out of control. Because the MS recovery and the RPD between the MS and the MSD were in control, no data require qualification.
210	The MS and MSD recoveries were out of control low. The result and reporting limit for this analyte, in the non-spiked version of the sample, must be considered estimated.
210	The MS and MSD recoveries were out of control low. The result and reporting limit for this analyte, in the non-spiked version of the sample, must be considered estimated.
222	The MS and MSD recoveries were out of control. Because the sample background concentration of this analyte is greater than four times the spike amount, no data require qualification.
630	A positive result for this analyte was found in the method blank. Because the concentration in the blank was less than 10% of the sample concentration, no qualification of data is necessary.
A-01	This surrogate was out of control low, however all other surrogates were in control so no data requires qualification.

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SAMPLE SUMMARY

Trace Project ID: T07G248
Client Project ID: Lake Lindener / 20405120120010248

Trace ID	Sample ID	Matrix	Collected By	Date Collected	Date Received
T07G248-01	LLV Sediment 1	Sediment	Client	07/26/07 13:40	07/27/07 08:38
T07G248-02	LLV Sediment 2	Sediment	Client	07/26/07 14:00	07/27/07 08:38

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ANALYTICAL RESULTS

Trace Project ID: T07G248
Client Project ID: Lake Lindener / 20405120120010248

Trace ID: T07G248-01 Date Collected: 07/26/07 13:40 Matrix: Sediment
Sample ID: LLV Sediment 1 Date Received: 07/27/07 08:38

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	QUAL	MCL
VOLATILE ORGANIC COMPOUNDS BY GC-MS									
Analysis Method: EPA 8260B									
Batch: T000382									
Chloromethane	<57 ug/kg dry	57	50	07/27/07	pmr	07/27/07	pmr		
Vinyl chloride	<46 ug/kg dry	46	50	07/27/07	pmr	07/27/07	pmr	#	
Bromomethane	<57 ug/kg dry	57	50	07/27/07	pmr	07/27/07	pmr		
Chloroethane	<57 ug/kg dry	57	50	07/27/07	pmr	07/27/07	pmr		
1,1-Dichloroethene	<57 ug/kg dry	57	50	07/27/07	pmr	07/27/07	pmr		
Acetone	<860 ug/kg dry	860	50	07/27/07	pmr	07/27/07	pmr		
Carbon disulfide	<290 ug/kg dry	290	50	07/27/07	pmr	07/27/07	pmr		
Methylene chloride	<110 ug/kg dry	110	50	07/27/07	pmr	07/27/07	pmr		
1,1-Dichloroethane	<57 ug/kg dry	57	50	07/27/07	pmr	07/27/07	pmr		
2-Butanone	<860 ug/kg dry	860	50	07/27/07	pmr	07/27/07	pmr		
1,2-Dichloroethene (total)	<110 ug/kg dry	110	50	07/27/07	pmr	07/27/07	pmr	#	
Chloroform	<57 ug/kg dry	57	50	07/27/07	pmr	07/27/07	pmr		
1,1,1-Trichloroethane	<57 ug/kg dry	57	50	07/27/07	pmr	07/27/07	pmr		
Carbon tetrachloride	<57 ug/kg dry	57	50	07/27/07	pmr	07/27/07	pmr		
Benzene	<57 ug/kg dry	57	50	07/27/07	pmr	07/27/07	pmr		
1,2-Dichloroethane	<57 ug/kg dry	57	50	07/27/07	pmr	07/27/07	pmr		
Trichloroethene	<57 ug/kg dry	57	50	07/27/07	pmr	07/27/07	pmr		
1,2-Dichloropropane	<57 ug/kg dry	57	50	07/27/07	pmr	07/27/07	pmr		
Bromodichloromethane	<57 ug/kg dry	57	50	07/27/07	pmr	07/27/07	pmr		
cis-1,3-Dichloropropene	<57 ug/kg dry	57	50	07/27/07	pmr	07/27/07	pmr		
4-Methyl-2-pentanone	<2900 ug/kg dry	2900	50	07/27/07	pmr	07/27/07	pmr		
Toluene	<57 ug/kg dry	57	50	07/27/07	pmr	07/27/07	pmr		
trans-1,3-Dichloropropene	<57 ug/kg dry	57	50	07/27/07	pmr	07/27/07	pmr		
1,1,2-Trichloroethane	<57 ug/kg dry	57	50	07/27/07	pmr	07/27/07	pmr		
Tetrachloroethene	<57 ug/kg dry	57	50	07/27/07	pmr	07/27/07	pmr		
2-Hexanone	<2900 ug/kg dry	2900	50	07/27/07	pmr	07/27/07	pmr		
Dibromochloromethane	<57 ug/kg dry	57	50	07/27/07	pmr	07/27/07	pmr		
Chlorobenzene	<57 ug/kg dry	57	50	07/27/07	pmr	07/27/07	pmr		
Ethylbenzene	<57 ug/kg dry	57	50	07/27/07	pmr	07/27/07	pmr		
m,p-Xylene	<110 ug/kg dry	110	50	07/27/07	pmr	07/27/07	pmr	#	
o-Xylene	<57 ug/kg dry	57	50	07/27/07	pmr	07/27/07	pmr	#	
Styrene	<57 ug/kg dry	57	50	07/27/07	pmr	07/27/07	pmr		
Bromoform	<57 ug/kg dry	57	50	07/27/07	pmr	07/27/07	pmr		
1,1,2,2-Tetrachloroethane	<57 ug/kg dry	57	50	07/27/07	pmr	07/27/07	pmr		
Xylenes, total	<170 ug/kg dry	170	50	07/27/07	pmr	07/27/07	pmr		
Surrogates:									

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ANALYTICAL RESULTS

Trace Project ID: T07G248
Client Project ID: Lake Lindener / 20405120120010248

Trace ID: T07G248-01 Date Collected: 07/26/07 13:40 Matrix: Sediment
Sample ID: LLV Sediment 1 Date Received: 07/27/07 08:38

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	QUAL	MCL
VOLATILE ORGANIC COMPOUNDS BY GC-MS										
1,2-Dichloroethane-d4	102	%	70-133	50	07/27/07	pmr	07/27/07	pmr		
Toluene-d8	106	%	76-125	50	07/27/07	pmr	07/27/07	pmr	#	
4-Bromofluorobenzene	95	%	72-123	50	07/27/07	pmr	07/27/07	pmr	#	
1,2-Dichlorobenzene-d4	88	%	71-123	50	07/27/07	pmr	07/27/07	pmr	#	
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8270C										
Batch: T000375										
Bis(2-chloroethyl)ether	<49	ug/kg dry	49	1	07/27/07	kb	07/27/07	jm		
2-Chlorophenol	<120	ug/kg dry	120	1	07/27/07	kb	07/27/07	jm		
Phenol	<120	ug/kg dry	120	1	07/27/07	kb	07/27/07	jm		
1,3-Dichlorobenzene	<120	ug/kg dry	120	1	07/27/07	kb	07/27/07	jm		
1,4-Dichlorobenzene	<120	ug/kg dry	120	1	07/27/07	kb	07/27/07	jm		
1,2-Dichlorobenzene	<120	ug/kg dry	120	1	07/27/07	kb	07/27/07	jm		
Benzyl alcohol	<980	ug/kg dry	980	1	07/27/07	kb	07/27/07	jm		
Bis(2-chloroisopropyl)ether	<120	ug/kg dry	120	1	07/27/07	kb	07/27/07	jm		
2-Methylphenol (o-Cresol)	<120	ug/kg dry	120	1	07/27/07	kb	07/27/07	jm		
3,4-Methylphenol (m,p Cresol)	<120	ug/kg dry	120	1	07/27/07	kb	07/27/07	jm		
N-Nitrosodi-n-propylamine	<120	ug/kg dry	120	1	07/27/07	kb	07/27/07	jm		
Hexachloroethane	<120	ug/kg dry	120	1	07/27/07	kb	07/27/07	jm		
Nitrobenzene	<49	ug/kg dry	49	1	07/27/07	kb	07/27/07	jm		
Isophorone	<120	ug/kg dry	120	1	07/27/07	kb	07/27/07	jm		
2-Nitrophenol	<120	ug/kg dry	120	1	07/27/07	kb	07/27/07	jm		
2,4-Dimethylphenol	<120	ug/kg dry	120	1	07/27/07	kb	07/27/07	jm		
Bis(2-chloroethoxy)methane	<120	ug/kg dry	120	1	07/27/07	kb	07/27/07	jm		
Benzoic acid	<1800	ug/kg dry	1800	1	07/27/07	kb	07/27/07	jm		
1,2,4-Trichlorobenzene	<120	ug/kg dry	120	1	07/27/07	kb	07/27/07	jm		
2,4-Dichlorophenol	<120	ug/kg dry	120	1	07/27/07	kb	07/27/07	jm		
Naphthalene	<120	ug/kg dry	120	1	07/27/07	kb	07/27/07	jm		
4-Chloroaniline	<120	ug/kg dry	120	1	07/27/07	kb	07/27/07	jm		
Hexachlorobutadiene	<49	ug/kg dry	49	1	07/27/07	kb	07/27/07	jm		
4-Chloro-3-methylphenol	<120	ug/kg dry	120	1	07/27/07	kb	07/27/07	jm		
2-Methylnaphthalene	<120	ug/kg dry	120	1	07/27/07	kb	07/27/07	jm		
Hexachlorocyclopentadiene	<250	ug/kg dry	250	1	07/27/07	kb	07/27/07	jm		
2,4,6-Trichlorophenol	<49	ug/kg dry	49	1	07/27/07	kb	07/27/07	jm		
2,4,5-Trichlorophenol	<120	ug/kg dry	120	1	07/27/07	kb	07/27/07	jm		

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ANALYTICAL RESULTS

Trace Project ID: T07G248
Client Project ID: Lake Lindener / 20405120120010248

Trace ID: T07G248-01 Date Collected: 07/26/07 13:40 Matrix: Sediment
Sample ID: LLV Sediment 1 Date Received: 07/27/07 08:38

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	QUAL	MCL
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS									
2-Chloronaphthalene	<120 ug/kg dry	120	1	07/27/07	kb	07/27/07	jm		
2-Nitroaniline	<120 ug/kg dry	120	1	07/27/07	kb	07/27/07	jm		
Dimethyl phthalate	<120 ug/kg dry	120	1	07/27/07	kb	07/27/07	jm		
Acenaphthylene	<120 ug/kg dry	120	1	07/27/07	kb	07/27/07	jm		
2,6-Dinitrotoluene	<120 ug/kg dry	120	1	07/27/07	kb	07/27/07	jm		
3-Nitroaniline	<120 ug/kg dry	120	1	07/27/07	kb	07/27/07	jm		
Acenaphthene	<120 ug/kg dry	120	1	07/27/07	kb	07/27/07	jm		
Dibenzofuran	<120 ug/kg dry	120	1	07/27/07	kb	07/27/07	jm		
2,4-Dinitrotoluene	<120 ug/kg dry	120	1	07/27/07	kb	07/27/07	jm		
4-Nitrophenol	<1000 ug/kg dry	1000	1	07/27/07	kb	07/27/07	jm		
2,4-Dinitrophenol	<1000 ug/kg dry	1000	1	07/27/07	kb	07/27/07	jm		
Diethyl phthalate	<120 ug/kg dry	120	1	07/27/07	kb	07/27/07	jm		
Fluorene	<120 ug/kg dry	120	1	07/27/07	kb	07/27/07	jm		
4-Chlorophenyl phenyl ether	<120 ug/kg dry	120	1	07/27/07	kb	07/27/07	jm		
4-Nitroaniline	<120 ug/kg dry	120	1	07/27/07	kb	07/27/07	jm		
4,6-Dinitro-2-methylphenol	<250 ug/kg dry	250	1	07/27/07	kb	07/27/07	jm		
N-Nitrosodiphenylamine	<120 ug/kg dry	120	1	07/27/07	kb	07/27/07	jm		
4-Bromophenyl phenyl ether	<120 ug/kg dry	120	1	07/27/07	kb	07/27/07	jm		
Hexachlorobenzene	<120 ug/kg dry	120	1	07/27/07	kb	07/27/07	jm		
Pentachlorophenol	<530 ug/kg dry	530	1	07/27/07	kb	07/27/07	jm		
Phenanthrene	<49 ug/kg dry	49	1	07/27/07	kb	07/27/07	jm		
Anthracene	<120 ug/kg dry	120	1	07/27/07	kb	07/27/07	jm		
Carbazole	<120 ug/kg dry	120	1	07/27/07	kb	07/27/07	jm		
Di-n-butyl phthalate	<120 ug/kg dry	120	1	07/27/07	kb	07/27/07	jm		
Fluoranthene	<49 ug/kg dry	49	1	07/27/07	kb	07/27/07	jm		
Pyrene	<120 ug/kg dry	120	1	07/27/07	kb	07/27/07	jm		
Butyl benzyl phthalate	<120 ug/kg dry	120	1	07/27/07	kb	07/27/07	jm		
Benzo (a) anthracene	<49 ug/kg dry	49	1	07/27/07	kb	07/27/07	jm		
Chrysene	<49 ug/kg dry	49	1	07/27/07	kb	07/27/07	jm		
3,3'-Dichlorobenzidine	<980 ug/kg dry	980	1	07/27/07	kb	07/27/07	jm	#	
Bis(2-ethylhexyl)phthalate	**340 ug/kg dry**	**120**	**1**	**07/27/07**	**kb**	**07/27/07**	**jm**		
Di-n-octyl phthalate	<120 ug/kg dry	120	1	07/27/07	kb	07/27/07	jm		
Benzo (b) fluoranthene	<49 ug/kg dry	49	1	07/27/07	kb	07/27/07	jm		
Benzo (k) fluoranthene	<49 ug/kg dry	49	1	07/27/07	kb	07/27/07	jm		
Benzo (a) pyrene	<49 ug/kg dry	49	1	07/27/07	kb	07/27/07	jm		
Indeno (1,2,3-cd) pyrene	<49 ug/kg dry	49	1	07/27/07	kb	07/27/07	jm		
Dibenz (a,h) anthracene	<49 ug/kg dry	49	1	07/27/07	kb	07/27/07	jm		
Benzo (g,h,i) perylene	<49 ug/kg dry	49	1	07/27/07	kb	07/27/07	jm		

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ANALYTICAL RESULTS

Trace Project ID: T07G248
Client Project ID: Lake Lindener / 20405120120010248

Trace ID: T07G248-01 Date Collected: 07/26/07 13:40 Matrix: Sediment
Sample ID: LLV Sediment 1 Date Received: 07/27/07 08:38

PARAMETERS		RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	QUAL	MCL
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS											
Surrogates:											
2-Fluorophenol	*	**37**	%	38-81	1	07/27/07	kb	07/27/07	jm	A-01	
Phenol-d5		44	%	32-102	1	07/27/07	kb	07/27/07	jm		
Nitrobenzene-d5		42	%	36-98	1	07/27/07	kb	07/27/07	jm		
2-Fluorobiphenyl		46	%	44-105	1	07/27/07	kb	07/27/07	jm		
2,4,6-Tribromophenol		54	%	38-101	1	07/27/07	kb	07/27/07	jm		
Terphenyl-d14		46	%	46-109	1	07/27/07	kb	07/27/07	jm		
PESTICIDES/PCBS											
Analysis Method: EPA 8082											
Batch: T000360											
Aroclor-1016		<300	ug/kg dry	300	2	07/26/07	kb	07/27/07	tml		
Aroclor-1221		<300	ug/kg dry	300	2	07/26/07	kb	07/27/07	tml		
Aroclor-1232		<300	ug/kg dry	300	2	07/26/07	kb	07/27/07	tml		
Aroclor-1242		<300	ug/kg dry	300	2	07/26/07	kb	07/27/07	tml		
Aroclor-1248		<300	ug/kg dry	300	2	07/26/07	kb	07/27/07	tml		
Aroclor-1254		**990**	**ug/kg dry**	**300**	**2**	**07/26/07**	**kb**	**07/27/07**	**tml**		
Aroclor-1260		<300	ug/kg dry	300	2	07/26/07	kb	07/27/07	tml		
Surrogates:											
Tetrachloro-m-xylene		68	%	40-113	2	07/26/07	kb	07/27/07	tml	#	
Decachlorobiphenyl		73	%	32-111	2	07/26/07	kb	07/27/07	tml	#	
METALS, TOTAL											
Analysis Method: EPA 6010B											
Batch: T000371											
Aluminum		**5800**	**mg/kg dry**	**1.2**	**1**	**07/27/07**	**da**	**07/27/07**	**pe**		
Barium		**140000**	**mg/kg dry**	**59**	**50**	**07/27/07**	**da**	**07/27/07**	**pe**		
Beryllium		**8.5**	**mg/kg dry**	**0.59**	**1**	**07/27/07**	**da**	**07/27/07**	**pe**		
Cadmium		**120**	**mg/kg dry**	**0.24**	**1**	**07/27/07**	**da**	**07/27/07**	**pe**		
Calcium		**22000**	**mg/kg dry**	**12000**	**100**	**07/27/07**	**da**	**07/27/07**	**pe**		
Chromium		**290**	**mg/kg dry**	**1.2**	**1**	**07/27/07**	**da**	**07/27/07**	**pe**		
Cobalt		**30**	**mg/kg dry**	**0.59**	**1**	**07/27/07**	**da**	**07/27/07**	**pe**		
Copper		**79000**	**mg/kg dry**	**59**	**50**	**07/27/07**	**da**	**07/27/07**	**pe**		
Iron		**33000**	**mg/kg dry**	**360**	**100**	**07/27/07**	**da**	**07/27/07**	**pe**		
Magnesium		**5100**	**mg/kg dry**	**4.8**	**1**	**07/27/07**	**da**	**07/27/07**	**pe**		
Potassium		**280**	**mg/kg dry**	**240**	**1**	**07/27/07**	**da**	**07/27/07**	**pe**		

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ANALYTICAL RESULTS

Trace Project ID: T07G248
Client Project ID: Lake Lindener / 20405120120010248

Trace ID: T07G248-01 Date Collected: 07/26/07 13:40 Matrix: Sediment
Sample ID: LLV Sediment 1 Date Received: 07/27/07 08:38

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	QUAL	MCL
METALS, TOTAL									
Sodium	**130 mg/kg dry**	**12**	**1**	**07/27/07**	**da**	**07/27/07**	**pe**		
Vanadium	**6.1 mg/kg dry**	**1.2**	**1**	**07/27/07**	**da**	**07/27/07**	**pe**		
Analysis Method: EPA 6020									
Batch: T000371									
Antimony	**50 mg/kg dry**	**0.12**	**10**	**07/27/07**	**da**	**07/27/07**	**pe**		
Arsenic	**8.2 mg/kg dry**	**0.12**	**10**	**07/27/07**	**da**	**07/27/07**	**pe**		
Lead	**80000 mg/kg dry**	**430**	**10000**	**07/27/07**	**da**	**07/27/07**	**pe**		
Manganese	**220 mg/kg dry**	**0.24**	**10**	**07/27/07**	**da**	**07/27/07**	**pe**		
Nickel	**160 mg/kg dry**	**0.24**	**10**	**07/27/07**	**da**	**07/27/07**	**pe**		
Selenium	**9.1 mg/kg dry**	**0.24**	**10**	**07/27/07**	**da**	**07/27/07**	**pe**		
Silver	**45 mg/kg dry**	**0.12**	**10**	**07/27/07**	**da**	**07/27/07**	**pe**		
Thallium	<0.59 mg/kg dry	0.59	10	07/27/07	da	07/27/07	pe		
Zinc	**13000 mg/kg dry**	**1200**	**10000**	**07/27/07**	**da**	**07/27/07**	**pe**		
Analysis Method: EPA 7471A									
Batch: T000371									
Mercury	**1.9 mg/kg dry**	**0.059**	**10**	**07/27/07**	**da**	**07/27/07**	**pe**		
WET CHEMISTRY									
Analysis Method: % Calculation									
Batch: T000388									
% Solids	**67 % by Weight**	**0.10**	**1**	**07/27/07**	**at**	**07/27/07**	**at**	**#**	
Analysis Method: EPA 335.2/9012B									
Batch: T000387									
Cyanide (total)	<0.062 mg/kg dry	0.062	1	07/27/07	ac	07/27/07	ac	210, #	
Analysis Method: EPA 9045C									
Batch: T000368									
Corrosivity-pH	**7.3 pH Units**		**1**	**07/27/07**	**jn**	**07/27/07**	**jn**	**#**	

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ANALYTICAL RESULTS

Trace Project ID: T07G248
Client Project ID: Lake Lindener / 20405120120010248

Trace ID: T07G248-02 Date Collected: 07/26/07 14:00 Matrix: Sediment
Sample ID: LLV Sediment 2 Date Received: 07/27/07 08:38

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	QUAL	MCL
VOLATILE ORGANIC COMPOUNDS BY GC-MS									
Analysis Method: EPA 8260B									
Batch: T000382									
Chloromethane	<85 ug/kg dry	85	50	07/27/07	pmr	07/27/07	pmr		
Vinyl chloride	<68 ug/kg dry	68	50	07/27/07	pmr	07/27/07	pmr	#	
Bromomethane	<85 ug/kg dry	85	50	07/27/07	pmr	07/27/07	pmr		
Chloroethane	<85 ug/kg dry	85	50	07/27/07	pmr	07/27/07	pmr		
1,1-Dichloroethene	<85 ug/kg dry	85	50	07/27/07	pmr	07/27/07	pmr		
Acetone	<1300 ug/kg dry	1300	50	07/27/07	pmr	07/27/07	pmr		
Carbon disulfide	<430 ug/kg dry	430	50	07/27/07	pmr	07/27/07	pmr		
Methylene chloride	<170 ug/kg dry	170	50	07/27/07	pmr	07/27/07	pmr		
1,1-Dichloroethane	<85 ug/kg dry	85	50	07/27/07	pmr	07/27/07	pmr		
2-Butanone	<1300 ug/kg dry	1300	50	07/27/07	pmr	07/27/07	pmr		
1,2-Dichloroethene (total)	<170 ug/kg dry	170	50	07/27/07	pmr	07/27/07	pmr	#	
Chloroform	<85 ug/kg dry	85	50	07/27/07	pmr	07/27/07	pmr		
1,1,1-Trichloroethane	<85 ug/kg dry	85	50	07/27/07	pmr	07/27/07	pmr		
Carbon tetrachloride	<85 ug/kg dry	85	50	07/27/07	pmr	07/27/07	pmr		
Benzene	<85 ug/kg dry	85	50	07/27/07	pmr	07/27/07	pmr		
1,2-Dichloroethane	<85 ug/kg dry	85	50	07/27/07	pmr	07/27/07	pmr		
Trichloroethene	<85 ug/kg dry	85	50	07/27/07	pmr	07/27/07	pmr		
1,2-Dichloropropane	<85 ug/kg dry	85	50	07/27/07	pmr	07/27/07	pmr		
Bromodichloromethane	<85 ug/kg dry	85	50	07/27/07	pmr	07/27/07	pmr		
cis-1,3-Dichloropropene	<85 ug/kg dry	85	50	07/27/07	pmr	07/27/07	pmr		
4-Methyl-2-pentanone	<4300 ug/kg dry	4300	50	07/27/07	pmr	07/27/07	pmr		
Toluene	<85 ug/kg dry	85	50	07/27/07	pmr	07/27/07	pmr		
trans-1,3-Dichloropropene	<85 ug/kg dry	85	50	07/27/07	pmr	07/27/07	pmr		
1,1,2-Trichloroethane	<85 ug/kg dry	85	50	07/27/07	pmr	07/27/07	pmr		
Tetrachloroethene	<85 ug/kg dry	85	50	07/27/07	pmr	07/27/07	pmr		
2-Hexanone	<4300 ug/kg dry	4300	50	07/27/07	pmr	07/27/07	pmr		
Dibromochloromethane	<85 ug/kg dry	85	50	07/27/07	pmr	07/27/07	pmr		
Chlorobenzene	<85 ug/kg dry	85	50	07/27/07	pmr	07/27/07	pmr		
Ethylbenzene	<85 ug/kg dry	85	50	07/27/07	pmr	07/27/07	pmr		
m,p-Xylene	<170 ug/kg dry	170	50	07/27/07	pmr	07/27/07	pmr	#	
o-Xylene	<85 ug/kg dry	85	50	07/27/07	pmr	07/27/07	pmr	#	
Styrene	<85 ug/kg dry	85	50	07/27/07	pmr	07/27/07	pmr		
Bromoform	<85 ug/kg dry	85	50	07/27/07	pmr	07/27/07	pmr		
1,1,2,2-Tetrachloroethane	<85 ug/kg dry	85	50	07/27/07	pmr	07/27/07	pmr		
Xylenes, total	<260 ug/kg dry	260	50	07/27/07	pmr	07/27/07	pmr		
Surrogates:									

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ANALYTICAL RESULTS

Trace Project ID: T07G248
Client Project ID: Lake Lindener / 20405120120010248

Trace ID: T07G248-02 Date Collected: 07/26/07 14:00 Matrix: Sediment
Sample ID: LLV Sediment 2 Date Received: 07/27/07 08:38

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	QUAL	MCL
VOLATILE ORGANIC COMPOUNDS BY GC-MS										
1,2-Dichloroethane-d4	104	%	70-133	50	07/27/07	pmr	07/27/07	pmr		
Toluene-d8	98	%	76-125	50	07/27/07	pmr	07/27/07	pmr	#	
4-Bromofluorobenzene	87	%	72-123	50	07/27/07	pmr	07/27/07	pmr	#	
1,2-Dichlorobenzene-d4	86	%	71-123	50	07/27/07	pmr	07/27/07	pmr	#	
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Analysis Method: EPA 8270C										
Batch: T000375										
Bis(2-chloroethyl)ether	<58	ug/kg dry	58	1	07/27/07	kb	07/27/07	jm		
2-Chlorophenol	<150	ug/kg dry	150	1	07/27/07	kb	07/27/07	jm		
Phenol	<150	ug/kg dry	150	1	07/27/07	kb	07/27/07	jm		
1,3-Dichlorobenzene	<150	ug/kg dry	150	1	07/27/07	kb	07/27/07	jm		
1,4-Dichlorobenzene	<150	ug/kg dry	150	1	07/27/07	kb	07/27/07	jm		
1,2-Dichlorobenzene	<150	ug/kg dry	150	1	07/27/07	kb	07/27/07	jm		
Benzyl alcohol	<1200	ug/kg dry	1200	1	07/27/07	kb	07/27/07	jm		
Bis(2-chloroisopropyl)ether	<150	ug/kg dry	150	1	07/27/07	kb	07/27/07	jm		
2-Methylphenol (o-Cresol)	<150	ug/kg dry	150	1	07/27/07	kb	07/27/07	jm		
3,4-Methylphenol (m,p Cresol)	<150	ug/kg dry	150	1	07/27/07	kb	07/27/07	jm		
N-Nitrosodi-n-propylamine	<150	ug/kg dry	150	1	07/27/07	kb	07/27/07	jm		
Hexachloroethane	<150	ug/kg dry	150	1	07/27/07	kb	07/27/07	jm		
Nitrobenzene	<58	ug/kg dry	58	1	07/27/07	kb	07/27/07	jm		
Isophorone	<150	ug/kg dry	150	1	07/27/07	kb	07/27/07	jm		
2-Nitrophenol	<150	ug/kg dry	150	1	07/27/07	kb	07/27/07	jm		
2,4-Dimethylphenol	<150	ug/kg dry	150	1	07/27/07	kb	07/27/07	jm		
Bis(2-chloroethoxy)methane	<150	ug/kg dry	150	1	07/27/07	kb	07/27/07	jm		
Benzoic acid	<2100	ug/kg dry	2100	1	07/27/07	kb	07/27/07	jm		
1,2,4-Trichlorobenzene	<150	ug/kg dry	150	1	07/27/07	kb	07/27/07	jm		
2,4-Dichlorophenol	<150	ug/kg dry	150	1	07/27/07	kb	07/27/07	jm		
Naphthalene	<150	ug/kg dry	150	1	07/27/07	kb	07/27/07	jm		
4-Chloroaniline	<150	ug/kg dry	150	1	07/27/07	kb	07/27/07	jm		
Hexachlorobutadiene	<58	ug/kg dry	58	1	07/27/07	kb	07/27/07	jm		
4-Chloro-3-methylphenol	<150	ug/kg dry	150	1	07/27/07	kb	07/27/07	jm		
2-Methylnaphthalene	<150	ug/kg dry	150	1	07/27/07	kb	07/27/07	jm		
Hexachlorocyclopentadiene	<300	ug/kg dry	300	1	07/27/07	kb	07/27/07	jm		
2,4,6-Trichlorophenol	<58	ug/kg dry	58	1	07/27/07	kb	07/27/07	jm		
2,4,5-Trichlorophenol	<150	ug/kg dry	150	1	07/27/07	kb	07/27/07	jm		

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ANALYTICAL RESULTS

Trace Project ID: T07G248
Client Project ID: Lake Lindener / 20405120120010248

Trace ID: T07G248-02 Date Collected: 07/26/07 14:00 Matrix: Sediment
Sample ID: LLV Sediment 2 Date Received: 07/27/07 08:38

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	QUAL	MCL
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS									
2-Chloronaphthalene	<150 ug/kg dry	150	1	07/27/07	kb	07/27/07	jm		
2-Nitroaniline	<150 ug/kg dry	150	1	07/27/07	kb	07/27/07	jm		
Dimethyl phthalate	<150 ug/kg dry	150	1	07/27/07	kb	07/27/07	jm		
Acenaphthylene	<150 ug/kg dry	150	1	07/27/07	kb	07/27/07	jm		
2,6-Dinitrotoluene	<150 ug/kg dry	150	1	07/27/07	kb	07/27/07	jm		
3-Nitroaniline	<150 ug/kg dry	150	1	07/27/07	kb	07/27/07	jm		
Acenaphthene	<150 ug/kg dry	150	1	07/27/07	kb	07/27/07	jm		
Dibenzofuran	<150 ug/kg dry	150	1	07/27/07	kb	07/27/07	jm		
2,4-Dinitrotoluene	<150 ug/kg dry	150	1	07/27/07	kb	07/27/07	jm		
4-Nitrophenol	<1200 ug/kg dry	1200	1	07/27/07	kb	07/27/07	jm		
2,4-Dinitrophenol	<1200 ug/kg dry	1200	1	07/27/07	kb	07/27/07	jm		
Diethyl phthalate	<150 ug/kg dry	150	1	07/27/07	kb	07/27/07	jm		
Fluorene	<150 ug/kg dry	150	1	07/27/07	kb	07/27/07	jm		
4-Chlorophenyl phenyl ether	<150 ug/kg dry	150	1	07/27/07	kb	07/27/07	jm		
4-Nitroaniline	<150 ug/kg dry	150	1	07/27/07	kb	07/27/07	jm		
4,6-Dinitro-2-methylphenol	<300 ug/kg dry	300	1	07/27/07	kb	07/27/07	jm		
N-Nitrosodiphenylamine	<150 ug/kg dry	150	1	07/27/07	kb	07/27/07	jm		
4-Bromophenyl phenyl ether	<150 ug/kg dry	150	1	07/27/07	kb	07/27/07	jm		
Hexachlorobenzene	<150 ug/kg dry	150	1	07/27/07	kb	07/27/07	jm		
Pentachlorophenol	<630 ug/kg dry	630	1	07/27/07	kb	07/27/07	jm		
Phenanthrene	<58 ug/kg dry	58	1	07/27/07	kb	07/27/07	jm		
Anthracene	<150 ug/kg dry	150	1	07/27/07	kb	07/27/07	jm		
Carbazole	<150 ug/kg dry	150	1	07/27/07	kb	07/27/07	jm		
Di-n-butyl phthalate	<150 ug/kg dry	150	1	07/27/07	kb	07/27/07	jm		
Fluoranthene	**59 ug/kg dry**	**58**	**1**	**07/27/07**	**kb**	**07/27/07**	**jm**		
Pyrene	<150 ug/kg dry	150	1	07/27/07	kb	07/27/07	jm		
Butyl benzyl phthalate	<150 ug/kg dry	150	1	07/27/07	kb	07/27/07	jm		
Benzo (a) anthracene	<58 ug/kg dry	58	1	07/27/07	kb	07/27/07	jm		
Chrysene	<58 ug/kg dry	58	1	07/27/07	kb	07/27/07	jm		
3,3'-Dichlorobenzidine	<1200 ug/kg dry	1200	1	07/27/07	kb	07/27/07	jm	#	
Bis(2-ethylhexyl)phthalate	<150 ug/kg dry	150	1	07/27/07	kb	07/27/07	jm		
Di-n-octyl phthalate	<150 ug/kg dry	150	1	07/27/07	kb	07/27/07	jm		
Benzo (b) fluoranthene	<58 ug/kg dry	58	1	07/27/07	kb	07/27/07	jm		
Benzo (k) fluoranthene	<58 ug/kg dry	58	1	07/27/07	kb	07/27/07	jm		
Benzo (a) pyrene	<58 ug/kg dry	58	1	07/27/07	kb	07/27/07	jm		
Indeno (1,2,3-cd) pyrene	<58 ug/kg dry	58	1	07/27/07	kb	07/27/07	jm		
Dibenz (a,h) anthracene	<58 ug/kg dry	58	1	07/27/07	kb	07/27/07	jm		
Benzo (g,h,i) perylene	<58 ug/kg dry	58	1	07/27/07	kb	07/27/07	jm		

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ANALYTICAL RESULTS

Trace Project ID: T07G248
Client Project ID: Lake Lindener / 20405120120010248

Trace ID: T07G248-02 Date Collected: 07/26/07 14:00 Matrix: Sediment
Sample ID: LLV Sediment 2 Date Received: 07/27/07 08:38

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	QUAL	MCL
SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS										
Surrogates:										
2-Fluorophenol	48	%	38-81	1	07/27/07	kb	07/27/07	jm		
Phenol-d5	52	%	32-102	1	07/27/07	kb	07/27/07	jm		
Nitrobenzene-d5	51	%	36-98	1	07/27/07	kb	07/27/07	jm		
2-Fluorobiphenyl	52	%	44-105	1	07/27/07	kb	07/27/07	jm		
2,4,6-Tribromophenol	66	%	38-101	1	07/27/07	kb	07/27/07	jm		
Terphenyl-d14	53	%	46-109	1	07/27/07	kb	07/27/07	jm		
PESTICIDES/PCBS										
Analysis Method: EPA 8082										
Batch: T000360										
Aroclor-1016	<350	ug/kg dry	350	2	07/26/07	kb	07/27/07	tml		
Aroclor-1221	<350	ug/kg dry	350	2	07/26/07	kb	07/27/07	tml		
Aroclor-1232	<350	ug/kg dry	350	2	07/26/07	kb	07/27/07	tml		
Aroclor-1242	<350	ug/kg dry	350	2	07/26/07	kb	07/27/07	tml		
Aroclor-1248	<350	ug/kg dry	350	2	07/26/07	kb	07/27/07	tml		
Aroclor-1254	<350	ug/kg dry	350	2	07/26/07	kb	07/27/07	tml		
Aroclor-1260	<350	ug/kg dry	350	2	07/26/07	kb	07/27/07	tml		
Surrogates:										
Tetrachloro-m-xylene	61	%	40-113	2	07/26/07	kb	07/27/07	tml	#	
Decachlorobiphenyl	75	%	32-111	2	07/26/07	kb	07/27/07	tml	#	
METALS, TOTAL										
Analysis Method: EPA 6010B										
Batch: T000371										
Aluminum	**7800**	**mg/kg dry**	**1.4**	**1**	**07/27/07**	**da**	**07/27/07**	**pe**		
Barium	**350**	**mg/kg dry**	**1.4**	**1**	**07/27/07**	**da**	**07/27/07**	**pe**		
Beryllium	**1.0**	**mg/kg dry**	**0.70**	**1**	**07/27/07**	**da**	**07/27/07**	**pe**		
Cadmium	**4.2**	**mg/kg dry**	**0.28**	**1**	**07/27/07**	**da**	**07/27/07**	**pe**		
Calcium	**6600**	**mg/kg dry**	**140**	**1**	**07/27/07**	**da**	**07/27/07**	**pe**		
Chromium	**19**	**mg/kg dry**	**1.4**	**1**	**07/27/07**	**da**	**07/27/07**	**pe**		
Cobalt	**10**	**mg/kg dry**	**0.70**	**1**	**07/27/07**	**da**	**07/27/07**	**pe**		
Copper	**1900**	**mg/kg dry**	**1.4**	**1**	**07/27/07**	**da**	**07/27/07**	**pe**		
Iron	**13000**	**mg/kg dry**	**4.2**	**1**	**07/27/07**	**da**	**07/27/07**	**pe**		
Magnesium	**7000**	**mg/kg dry**	**5.6**	**1**	**07/27/07**	**da**	**07/27/07**	**pe**		
Potassium	**540**	**mg/kg dry**	**280**	**1**	**07/27/07**	**da**	**07/27/07**	**pe**		

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ANALYTICAL RESULTS

Trace Project ID: T07G248
Client Project ID: Lake Lindener / 20405120120010248

Trace ID: T07G248-02 Date Collected: 07/26/07 14:00 Matrix: Sediment
Sample ID: LLV Sediment 2 Date Received: 07/27/07 08:38

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	QUAL	MCL
METALS, TOTAL										
Sodium	**110**	**mg/kg dry**	**14**	**1**	**07/27/07**	**da**	**07/27/07**	**pe**		
Vanadium	**28**	**mg/kg dry**	**1.4**	**1**	**07/27/07**	**da**	**07/27/07**	**pe**		
Analysis Method: EPA 6020										
Batch: T000371										
Antimony	**0.97**	**mg/kg dry**	**0.14**	**10**	**07/27/07**	**da**	**07/27/07**	**pe**		
Arsenic	**9.2**	**mg/kg dry**	**0.14**	**10**	**07/27/07**	**da**	**07/27/07**	**pe**		
Lead	**2100**	**mg/kg dry**	**5.0**	**100**	**07/27/07**	**da**	**07/27/07**	**pe**		
Manganese	**170**	**mg/kg dry**	**0.28**	**10**	**07/27/07**	**da**	**07/27/07**	**pe**		
Nickel	**32**	**mg/kg dry**	**0.28**	**10**	**07/27/07**	**da**	**07/27/07**	**pe**		
Selenium	**0.53**	**mg/kg dry**	**0.28**	**10**	**07/27/07**	**da**	**07/27/07**	**pe**		
Silver	**8.0**	**mg/kg dry**	**0.14**	**10**	**07/27/07**	**da**	**07/27/07**	**pe**		
Thallium	<0.70	mg/kg dry	0.70	10	07/27/07	da	07/27/07	pe		
Zinc	**390**	**mg/kg dry**	**1.4**	**10**	**07/27/07**	**da**	**07/27/07**	**pe**		
Analysis Method: EPA 7471A										
Batch: T000371										
Mercury	**0.11**	**mg/kg dry**	**0.070**	**10**	**07/27/07**	**da**	**07/27/07**	**pe**		
WET CHEMISTRY										
Analysis Method: % Calculation										
Batch: T000388										
% Solids	**57**	**% by Weight**	**0.10**	**1**	**07/27/07**	**at**	**07/27/07**	**at**	#	
Analysis Method: EPA 335.2/9012B										
Batch: T000387										
Cyanide (total)	<0.082	mg/kg dry	0.082	1	07/27/07	ac	07/27/07	ac	#	
Analysis Method: EPA 9045C										
Batch: T000368										
Corrosivity-pH	**7.0**	**pH Units**		**1**	**07/27/07**	**jn**	**07/27/07**	**jn**	#	

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QUALITY CONTROL RESULTS

Trace Project ID: T07G248
Client Project ID: Lake Lindener / 20405120120010248

QC Batch: T000382	Analysis Description: Volatiles, Target Compound List
QC Batch Method: EPA 5035 Purge-and-Trap for Solids	Analysis Method: EPA 8260B

METHOD BLANK: T000382-BLK1

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Chloromethane	ug/kg wet	<1.0	1.0	
Vinyl chloride	ug/kg wet	<0.80	0.80	
Bromomethane	ug/kg wet	<1.0	1.0	
Chloroethane	ug/kg wet	<1.0	1.0	
1,1-Dichloroethene	ug/kg wet	<1.0	1.0	
Acetone	ug/kg wet	<15	15	
Carbon disulfide	ug/kg wet	<5.0	5.0	
Methylene chloride	ug/kg wet	<2.0	2.0	
1,1-Dichloroethane	ug/kg wet	<1.0	1.0	
2-Butanone	ug/kg wet	<15	15	
Chloroform	ug/kg wet	<1.0	1.0	
1,1,1-Trichloroethane	ug/kg wet	<1.0	1.0	
Carbon tetrachloride	ug/kg wet	<1.0	1.0	
Benzene	ug/kg wet	<1.0	1.0	
1,2-Dichloroethane	ug/kg wet	<1.0	1.0	
Trichloroethene	ug/kg wet	<1.0	1.0	
1,2-Dichloropropane	ug/kg wet	<1.0	1.0	
Bromodichloromethane	ug/kg wet	<1.0	1.0	
cis-1,3-Dichloropropene	ug/kg wet	<1.0	1.0	
4-Methyl-2-pentanone	ug/kg wet	<50	50	
Toluene	ug/kg wet	<1.0	1.0	
trans-1,3-Dichloropropene	ug/kg wet	<1.0	1.0	
1,1,2-Trichloroethane	ug/kg wet	<1.0	1.0	
Tetrachloroethene	ug/kg wet	<1.0	1.0	
2-Hexanone	ug/kg wet	<50	50	
Dibromochloromethane	ug/kg wet	<1.0	1.0	
Chlorobenzene	ug/kg wet	<1.0	1.0	
Ethylbenzene	ug/kg wet	<1.0	1.0	
m,p-Xylene	ug/kg wet	<2.0	2.0	
o-Xylene	ug/kg wet	<1.0	1.0	
Styrene	ug/kg wet	<1.0	1.0	
Bromoform	ug/kg wet	<1.0	1.0	
1,1,2,2-Tetrachloroethane	ug/kg wet	<1.0	1.0	
Xylenes, total	ug/kg wet	<3.0	3.0	
1,2-Dichloroethane-d4 (S)	%	97	70-133	
Toluene-d8 (S)	%	101	76-125	
4-Bromofluorobenzene (S)	%	95	72-123	
1,2-Dichlorobenzene-d4 (S)	%	89	71-123	

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Trace Project ID: T07G248
Client Project ID: Lake Lindener / 20405120120010248

QC Batch: T000360
QC Batch Method: EPA 3550B Ultrasonic Extraction
Analysis Description: PCBs
Analysis Method: EPA 8082

METHOD BLANK: T000360-BLK1

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Aroclor-1016	ug/kg wet	<200	200	
Aroclor-1221	ug/kg wet	<200	200	
Aroclor-1232	ug/kg wet	<200	200	
Aroclor-1242	ug/kg wet	<200	200	
Aroclor-1248	ug/kg wet	<200	200	
Aroclor-1254	ug/kg wet	<200	200	
Aroclor-1260	ug/kg wet	<200	200	
Tetrachloro-m-xylene (S)	%	76	40-113	
Decachlorobiphenyl (S)	%	90	32-111	

LABORATORY CONTROL SAMPLE: T000360-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Qualifiers
Aroclor-1016	ug/kg wet	667	519	78	51-110	
Aroclor-1260	ug/kg wet	667	528	79	49-110	
Tetrachloro-m-xylene (S)	%	33.3	25.3	76	40-113	
Decachlorobiphenyl (S)	%	33.3	28.3	85	32-111	

Trace Project ID: T07G248
Client Project ID: Lake Lindener / 20405120120010248

QC Batch: T000375
QC Batch Method: EPA 3550B Ultrasonic Extraction
Analysis Description: Semi-volatiles, TCL list
Analysis Method: EPA 8270C

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METHOD BLANK: T000375-BLK1

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Bis(2-chloroethyl)ether	ug/kg wet	<33	33	
2-Chlorophenol	ug/kg wet	<83	83	
Phenol	ug/kg wet	<83	83	
1,3-Dichlorobenzene	ug/kg wet	<83	83	
1,4-Dichlorobenzene	ug/kg wet	<83	83	
1,2-Dichlorobenzene	ug/kg wet	<83	83	
Benzyl alcohol	ug/kg wet	<660	660	
Bis(2-chloroisopropyl)ether	ug/kg wet	<83	83	
2-Methylphenol (o-Cresol)	ug/kg wet	<83	83	
3,4-Methylphenol (m,p Cresol)	ug/kg wet	<83	83	
N-Nitrosodi-n-propylamine	ug/kg wet	<83	83	
Hexachloroethane	ug/kg wet	<83	83	
Nitrobenzene	ug/kg wet	<33	33	
Isophorone	ug/kg wet	<83	83	
2-Nitrophenol	ug/kg wet	<83	83	
2,4-Dimethylphenol	ug/kg wet	<83	83	
Bis(2-chloroethoxy)methane	ug/kg wet	<83	83	
Benzoic acid	ug/kg wet	<1200	1200	
1,2,4-Trichlorobenzene	ug/kg wet	<83	83	
2,4-Dichlorophenol	ug/kg wet	<83	83	
Naphthalene	ug/kg wet	<83	83	
4-Chloroaniline	ug/kg wet	<83	83	
Hexachlorobutadiene	ug/kg wet	<33	33	
4-Chloro-3-methylphenol	ug/kg wet	<83	83	
2-Methylnaphthalene	ug/kg wet	<83	83	
Hexachlorocyclopentadiene	ug/kg wet	<170	170	
2,4,6-Trichlorophenol	ug/kg wet	<33	33	
2,4,5-Trichlorophenol	ug/kg wet	<83	83	
2-Chloronaphthalene	ug/kg wet	<83	83	
2-Nitroaniline	ug/kg wet	<83	83	
Dimethyl phthalate	ug/kg wet	<83	83	
Acenaphthylene	ug/kg wet	<83	83	
2,6-Dinitrotoluene	ug/kg wet	<83	83	
3-Nitroaniline	ug/kg wet	<83	83	
Acenaphthene	ug/kg wet	<83	83	
Dibenzofuran	ug/kg wet	<83	83	
2,4-Dinitrotoluene	ug/kg wet	<83	83	
4-Nitrophenol	ug/kg wet	<670	670	
2,4-Dinitrophenol	ug/kg wet	<670	670	
Diethyl phthalate	ug/kg wet	<83	83	
Fluorene	ug/kg wet	<83	83	
4-Chlorophenyl phenyl ether	ug/kg wet	<83	83	
4-Nitroaniline	ug/kg wet	<83	83	
4,6-Dinitro-2-methylphenol	ug/kg wet	<170	170	
N-Nitrosodiphenylamine	ug/kg wet	<83	83	

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METHOD BLANK: T000375-BLK1

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
4-Bromophenyl phenyl ether	ug/kg wet	<83	83	
Hexachlorobenzene	ug/kg wet	<83	83	
Pentachlorophenol	ug/kg wet	<360	360	
Phenanthrene	ug/kg wet	<33	33	
Anthracene	ug/kg wet	<83	83	
Carbazole	ug/kg wet	<83	83	
Di-n-butyl phthalate	ug/kg wet	<83	83	
Fluoranthene	ug/kg wet	<33	33	
Pyrene	ug/kg wet	<83	83	
Butyl benzyl phthalate	ug/kg wet	<83	83	
Benzo (a) anthracene	ug/kg wet	<33	33	
Chrysene	ug/kg wet	<33	33	
3,3'-Dichlorobenzidine	ug/kg wet	<660	660	
Bis(2-ethylhexyl)phthalate	ug/kg wet	<83	83	
Di-n-octyl phthalate	ug/kg wet	<83	83	
Benzo (b) fluoranthene	ug/kg wet	<33	33	
Benzo (k) fluoranthene	ug/kg wet	<33	33	
Benzo (a) pyrene	ug/kg wet	<33	33	
Indeno (1,2,3-cd) pyrene	ug/kg wet	<33	33	
Dibenz (a,h) anthracene	ug/kg wet	<33	33	
Benzo (g,h,i) perylene	ug/kg wet	<33	33	
2-Fluorophenol (S)	%	58	38-81	
Phenol-d5 (S)	%	53	32-102	
Nitrobenzene-d5 (S)	%	58	36-98	
2-Fluorobiphenyl (S)	%	65	44-105	
2,4,6-Tribromophenol (S)	%	82	38-101	
Terphenyl-d14 (S)	%	66	46-109	

Trace Project ID: T07G248
Client Project ID: Lake Lindener / 20405120120010248

QC Batch: T000371	Analysis Description: Aluminum, Total
QC Batch Method: EPA 3051 Microwave Assisted	Analysis Method: EPA 6010B

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METHOD BLANK: T000371-BLK1

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Aluminum	mg/kg wet	<1.0	1.0	
Barium	mg/kg wet	<1.0	1.0	
Beryllium	mg/kg wet	<0.50	0.50	
Calcium	mg/kg wet	<100	100	
Cadmium	mg/kg wet	<0.20	0.20	
Cobalt	mg/kg wet	<0.50	0.50	
Chromium	mg/kg wet	<1.0	1.0	
Copper	**mg/kg wet**	**1.35**	**1.0**	**630**
Iron	mg/kg wet	<3.0	3.0	
Potassium	mg/kg wet	<200	200	
Magnesium	mg/kg wet	<4.0	4.0	
Sodium	mg/kg wet	<10	10	
Vanadium	mg/kg wet	<1.0	1.0	

LABORATORY CONTROL SAMPLE: T000371-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Qualifiers
Aluminum	mg/kg wet	400	410	103	80-120	
Barium	mg/kg wet	40.0	39.4	98	80-120	
Beryllium	mg/kg wet	5.00	5.03	101	80-120	
Calcium	mg/kg wet	400	413	103	80-120	
Cadmium	mg/kg wet	40.0	39.7	99	80-120	
Cobalt	mg/kg wet	40.0	39.1	98	80-120	
Chromium	mg/kg wet	40.0	39.6	99	80-120	
Copper	mg/kg wet	40.0	38.5	96	80-120	
Iron	mg/kg wet	400	395	99	80-120	
Potassium	mg/kg wet	400	393	98	80-120	
Sodium	mg/kg wet	400	399	100	80-120	
Vanadium	mg/kg wet	40.0	39.2	98	80-120	

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MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T000371-MSD1

Original: **T07G248-01**

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Aluminum	**mg/kg dry**	**5760**	**473**	**6060**	**5800**	**65**	**10**	**75-125**	**149**	**20**	**222**
Barium	mg/kg dry	144000	47.3	129000	123000	-32500	-44500	75-125	-31	20	
Beryllium	mg/kg dry	8.49	5.92	13.2	12.5	79	69	75-125	15	20	
Calcium	**mg/kg dry**	**21800**	**473**	**21700**	**21900**	**-24**	**8**	**75-125**	**-380**	**20**	**222**
Cadmium	mg/kg dry	119	47.3	157	152	80	69	75-125	15	20	
Cobalt	mg/kg dry	29.6	47.3	67.9	66.6	81	78	75-125	4	20	
Chromium	**mg/kg dry**	**293**	**47.3**	**207**	**200**	**-182**	**-196**	**75-125**	**-8**	**20**	**222**
Copper	**mg/kg dry**	**78700**	**47.3**	**71800**	**67700**	**-14600**	**-23200**	**75-125**	**-46**	**20**	**222**
Iron	**mg/kg dry**	**32600**	**473**	**27900**	**25300**	**-1000**	**-1540**	**75-125**	**-43**	**20**	**222**
Potassium	mg/kg dry	278	473	683	654	86	80	75-125	8	20	
Sodium	mg/kg dry	130	473	594	592	98	97	75-125	0.7	20	
Vanadium	**mg/kg dry**	**6.10**	**47.3**	**34.2**	**34.7**	**60**	**60**	**75-125**	**2**	**20**	**205**

Trace Project ID: T07G248
Client Project ID: Lake Lindener / 20405120120010248

QC Batch: T000371
QC Batch Method: EPA 3051 Microwave Assisted
Analysis Description: Silver, Total
Analysis Method: EPA 6020

METHOD BLANK: T000371-BLK1

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Silver	mg/kg wet	<0.10	0.10	
Arsenic	mg/kg wet	<0.10	0.10	
Manganese	mg/kg wet	<0.20	0.20	
Nickel	mg/kg wet	<0.20	0.20	
Lead	mg/kg wet	<0.36	0.36	
Antimony	mg/kg wet	<0.10	0.10	
Selenium	mg/kg wet	<0.20	0.20	
Thallium	mg/kg wet	<0.50	0.50	
Zinc	mg/kg wet	<1.0	1.0	

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LABORATORY CONTROL SAMPLE: T000371-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Qualifiers
Silver	mg/kg wet	5.00	5.28	106	80-120	
Arsenic	mg/kg wet	5.00	4.83	97	80-120	
Manganese	mg/kg wet	40.0	40.2	100	80-120	
Nickel	mg/kg wet	40.0	39.9	100	80-120	
Lead	mg/kg wet	40.0	40.7	102	80-120	
Antimony	mg/kg wet	5.00	5.02	100	80-120	
Selenium	mg/kg wet	5.00	4.46	89	80-120	
Thallium	mg/kg wet	5.00	5.39	108	80-120	
Zinc	mg/kg wet	40.0	38.0	95	80-120	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T000371-MSD1

Original: **T07G248-01**

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Silver	**mg/kg dry**	**45.3**	**5.92**	**238**	**202**	**3270**	**2650**	**75-125**	**21**	**20**	**222**
Arsenic	**mg/kg dry**	**8.18**	**5.92**	**6.21**	**5.89**	**-33**	**-39**	**75-125**	**-15**	**20**	**205**
Manganese	**mg/kg dry**	**223**	**47.3**	**308**	**266**	**179**	**91**	**75-125**	**66**	**20**	**201**
Nickel	**mg/kg dry**	**157**	**47.3**	**177**	**170**	**43**	**28**	**75-125**	**43**	**20**	**205**
Lead	**mg/kg dry**	**80100**	**47.3**	**73200**	**75500**	**-14700**	**-9670**	**75-125**	**-41**	**20**	**222**
Antimony	**mg/kg dry**	**50.2**	**5.92**	**27.3**	**29.0**	**-388**	**-359**	**75-125**	**-8**	**20**	**222**
Selenium	**mg/kg dry**	**9.05**	**5.92**	**5.78**	**4.77**	**-56**	**-72**	**75-125**	**-26**	**20**	**205**
Thallium	mg/kg dry	0.182	5.92	6.74	6.16	111	101	75-125	9	20	
Zinc	**mg/kg dry**	**12600**	**47.3**	**11700**	**10900**	**-1940**	**-3670**	**75-125**	**-62**	**20**	**222**

Trace Project ID: T07G248
Client Project ID: Lake Lindener / 20405120120010248

QC Batch: T000371
QC Batch Method: EPA 3051 Microwave Assisted
Analysis Description: Mercury, Total
Analysis Method: EPA 7471A

METHOD BLANK: T000371-BLK1

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Mercury	mg/kg wet	<0.0050	0.0050	

LABORATORY CONTROL SAMPLE: T000371-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Qualifiers
Mercury	mg/kg wet	0.200	0.219	109	77-122	

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MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T000371-MSD1 Original: **T07G248-01**

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Mercury	**mg/kg dry**	**1.91**	**0.237**	**2.02**	**1.91**	**45**	**-2**	**76-123**	**216**	**20**	**222**

Trace Project ID: T07G248
Client Project ID: Lake Lindener / 20405120120010248

QC Batch: T000388 — Analysis Description: Solids, Dry Weight
QC Batch Method: % Solids — Analysis Method: % Calculation

SAMPLE DUPLICATE: T000388-DUP1 Original: **T07G248-01**

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
% Solids	% by Weight	67.3	64.6	4	20	

Trace Project ID: T07G248
Client Project ID: Lake Lindener / 20405120120010248

QC Batch: T000387 — Analysis Description: Cyanide, Total
QC Batch Method: EPA 335.2/9012B — Analysis Method: EPA 335.2/9012B

METHOD BLANK: T000387-BLK1

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Cyanide (total)	mg/kg wet	0.0720	0.050	

LABORATORY CONTROL SAMPLE: T000387-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Qualifiers
Cyanide (total)	mg/kg wet	4.00	3.84	96	78-114	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T000387-MSD1 Original: **T07G248-01**

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Qualifiers
Cyanide (total)	**mg/kg dry**	**0.0476**	**7.11**	**0.114**	**<0.089**	**0.9**	**0.2**	**56-123**	**121**	**28**	**210**

Trace Project ID: T07G248
Client Project ID: Lake Lindener / 20405120120010248

QC Batch: T000368 — Analysis Description: Corrosivity (pH for waste)
QC Batch Method: NO PREP — Analysis Method: EPA 9045C

SAMPLE DUPLICATE: T000368-DUP1 Original: **T07G248-02**

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Qualifiers
Corrosivity-pH	pH Units	6.99	6.98	0.1	200	

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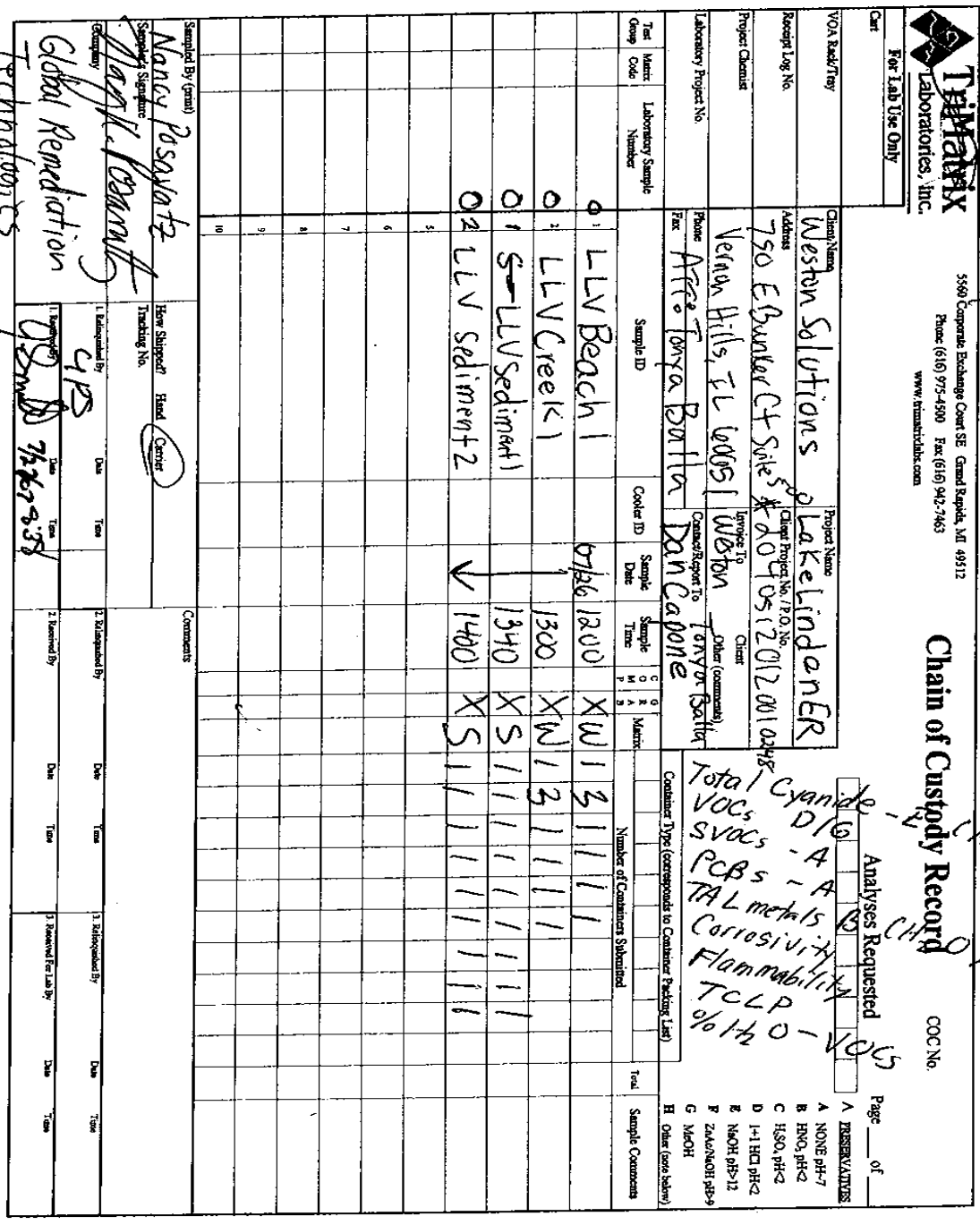

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SAMPLE LOG IN CHECKLIST

Date: 7/27/07 Client Name: WESTON # of Coolers: 2

Trace ID #: T07G247 - WATERS Project Name: LAKE WINDSOR Cooler #s:

T07G248 - SEDIMENTS Logged in by: JM Cooler #s:

Cooler Receipt

Cooler/samples delivered by: Trace courier ☐ Hand delivered ☐ Commercial courier ☑ Name of delivery person:

UPS ☐ DHL ☐ FED EX ☑ US Mail ☐

Did cooler come with a bill of lading? No ☑ Not Applicable ☐ Yes ☐ Way Bill or Tracking #:

COC Seals present and intact on cooler? No ☑ Not Applicable ☐ Yes ☐

Custody seals signed by Client? No ☐ Client custody seal # (if applicable): Yes ☐

Coolant and Temperature

Type of Coolant Used

	Yes	No
Slurry w/ crushed, cubed, or chip ice?	☐	☐
Multiple bags of ice around samples?	☑	☐
Ice Packs/ Blue Ice :	☐	☐
No Coolant Present:	☐	

Cooler Temperature

Correction Factor 10.3 °C

Date: 7/27/07 Time: 8:44

Temperature Blank: 6.8 °C

Average of 3 samples: 14-16.2 °C

Melt Water: °C

Ice still present upon receipt: ☑ Yes ☐ No

General

	Yes	No	NA
COC taped to inside of cooler lid?	☐	☑	☐
All bottles arrived unbroken with labels in good condition?	☑	☐	☐
Each sample point is in a sealed plastic bag?	☐	☑	☐
Labels filled out completely?	☑	☐	☐
All bottle labels agree with Chain of Custody (COC)?	☑	☐	☐
Sufficient sample to run tests requested?	☑	☐	☐
pH checked and samples at correct pH?	☑	☐	☐
Correct preservative added to samples?	☑	☐	☐
DRO/GRO samples received and appropriate check in form completed?	☐	☐	☑
Air bubbles absent from VOAs?	☑	☐	☐
COC filled out properly and signed by client?	☑	☐	☐
COC signed in by TRACE sample custodian?	☑	☐	☐
Was project manager called and samples discussed?	☑	☐	☐

Contact: Date:

Notes:

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