

## Laboratory Report

**ACL Project #: 54326****Client Proj #: 30-64-070010 / CE / Harris Wr.****Prepared For:**WRS Infrastructure & Env.  
5555 Oakbrook Pkwy.  
Suite 175  
Norcross, GA 30093-0000**Attention:** Mr. Rodney Swiney**Report Date:** 09/24/2007

**This report contains 16 pages.**  
(including this cover page )



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John Andros  
Technical Director

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## Data Qualifier Codes

<u>Code</u>	<u>Description</u>
<b>A</b>	Value reported is the mean of two or more determinations;
<b>B</b>	Indicates the analyte was detected in the sample and method blank;
<b>BQL</b>	Below practical quantitation limit;
<b>DW</b>	Results reported on a dry-weight basis (ex: mg/kg,dw);
<b>E</b>	Estimated value: (i) sample received or analyzed beyond the accepted holding time; (ii) sample received at improper temperature; (iii) the continuing calibration for an analyte did not meet qc criteria;
<b>H</b>	Estimated value; result higher than the highest calibration standard;
<b>J</b>	Reported value is between the method detection limit and the practical quantitation limit;
<b>PQL</b>	Practical quantitation limit;
<b>TIC</b>	Tentatively identified compound;
<b>***</b>	Not analyzed due to interferences;

Upon client request, a statement of the test result estimated uncertainty can be provided.

**NOTE: Unless otherwise noted, all results are reported on an as received basis.**

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**Date Received:** 09/17/2007  
**Date Reported:** 09/24/2007

**Contact:** Mr. Rodney Swiney

### Volatile Organics (5030B/8260B) - TCL List

**Sample ID:** Water Drums

**Matrix:** Water

**Date Sampled:** 09/14/2007

**Date Extracted:**

**Date Analyzed:** 09/19/2007

**ACL Sample #:** 259162      **Units:** µg/L

**Analyst:** ME

<u>Analyte</u>	<u>Result</u>	<u>PQL</u>	<u>Analyte</u>	<u>Result</u>	<u>PQL</u>
Acetone	340	100	m,p-Xylene	52	5.0
Benzene	6	5.0	o-Xylene	BQL	5.0
Bromodichloromethane	BQL	5.0			
Bromoform	BQL	5.0			
Bromomethane	BQL	10			
2-Butanone	BQL	50			
Carbon disulfide	BQL	5.0			
Carbon tetrachloride	BQL	5.0			
Chlorobenzene	BQL	5.0			
Chloroethane	BQL	10			
Chloroform	BQL	5.0			
Chloromethane	BQL	10			
Dibromochloromethane	BQL	5.0			
1,1-Dichloroethane	BQL	5.0			
1,2-Dichloroethane	BQL	5.0			
1,1-Dichloroethene	BQL	5.0			
cis-1,2-Dichloroethene	BQL	5.0			
trans-1,2-Dichloroethene	BQL	5.0			
1,2-Dichloropropane	BQL	5.0			
cis-1,3-Dichloropropene	BQL	5.0			
trans-1,3-Dichloropropene	BQL	5.0			
Ethylbenzene	15	5.0			
2-Hexanone	BQL	25			
4-Methyl-2-pentanone	BQL	25			
Methylene chloride	BQL	5.0			
Styrene	BQL	5.0			
1,1,2,2-Tetrachloroethane	BQL	5.0			
Tetrachloroethene	BQL	5.0			
Toluene	BQL	5.0			
1,1,1-Trichloroethane	BQL	5.0			
1,1,2-Trichloroethane	BQL	5.0			
Trichloroethene	BQL	5.0			
Vinyl acetate	BQL	25			
Vinyl chloride	BQL	2.0			



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## Acid Extractables (3510C/8270C)

**Sample ID:** Water Drums

**Matrix:** Water

**Date Sampled:** 09/14/2007

**Date Extracted:** 09/18/2007

**Date Analyzed:** 09/18/2007

**ACL Sample #:** 259162      **Units:** µg/L

**Analyst:** RB

<u>Analyte</u>	<u>Result</u>	<u>PQL</u>
Benzoic acid	BQL	50
4-Chloro-3-methylphenol	BQL	20
2-Chlorophenol	BQL	10
2,4-Dichlorophenol	BQL	10
2,4-Dimethylphenol	BQL	10
4,6-Dinitro-2-methylphenol	BQL	50
2,4-Dinitrophenol	BQL	50
2-Methylphenol	BQL	10
4-Methylphenol	BQL	10
2-Nitrophenol	BQL	10
4-Nitrophenol	BQL	50
Pentachlorophenol	BQL	50
Phenol	BQL	10
2,4,5-Trichlorophenol	BQL	10
2,4,6-Trichlorophenol	BQL	10

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### Base/Neutral Extractables (3510C/8270C)

**Sample ID:** Water Drums

**Matrix:** Water

**Date Sampled:** 09/14/2007

**Date Extracted:** 09/18/2007

**Date Analyzed:** 09/18/2007

**ACL Sample #:** 259162      **Units:** µg/L

**Analyst:** RB

<u>Analyte</u>	<u>Result</u>	<u>PQL</u>	<u>Analyte</u>	<u>Result</u>	<u>PQL</u>
Acenaphthene	BQL	10	Hexachlorobutadiene	BQL	10
Acenaphthylene	BQL	10	Hexachlorocyclopentadiene	BQL	10
Anthracene	BQL	10	Hexachloroethane	BQL	10
Benzo(a)anthracene	BQL	10	Indeno(1,2,3-cd)pyrene	BQL	10
Benzo(a)pyrene	BQL	10	Isophorone	BQL	10
Benzo(b)fluoranthene	BQL	10	2-Methylnaphthalene	BQL	10
Benzo(g,h,i)perylene	BQL	10	Naphthalene	BQL	10
Benzo(k)fluoranthene	BQL	10	2-Nitroaniline	BQL	50
Benzyl alcohol	BQL	20	3-Nitroaniline	BQL	50
Bis(2-chloroethoxy)methane	BQL	10	4-Nitroaniline	BQL	50
Bis(2-chloroethyl)ether	BQL	10	Nitrobenzene	BQL	10
Bis(2-chloroisopropyl)ether	BQL	10	N-Nitroso-di-n-propylamine	BQL	10
Bis(2-ethylhexyl)phthalate	BQL	10	N-Nitrosodiphenylamine	BQL	10
4-Bromophenyl phenyl ether	BQL	10	Phenanthrene	BQL	10
Butyl benzyl phthalate	BQL	10	Pyrene	BQL	10
4-Chloroaniline	BQL	20	1,2,4-Trichlorobenzene	BQL	10
2-Chloronaphthalene	BQL	10			
4-Chlorophenyl phenyl ether	BQL	10			
Chrysene	BQL	10			
Di-n-butyl phthalate	BQL	10			
Di-n-octyl phthalate	BQL	10			
Dibenz(a,h)anthracene	BQL	10			
Dibenzofuran	BQL	10			
1,2-Dichlorobenzene	BQL	10			
1,3-Dichlorobenzene	BQL	10			
1,4-Dichlorobenzene	BQL	10			
3,3'-Dichlorobenzidine	BQL	20			
Diethyl phthalate	BQL	10			
Dimethyl phthalate	BQL	10			
2,4-Dinitrotoluene	BQL	10			
2,6-Dinitrotoluene	BQL	10			
Fluoranthene	BQL	10			
Fluorene	BQL	10			
Hexachlorobenzene	BQL	10			



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**PCBs (3510C/8082)**

**Sample ID:** Water Drums

**Matrix:** Water

**Date Sampled:** 09/14/2007

**Date Extracted:** 09/17/2007

**Date Analyzed:** 09/18/2007

**ACL Sample #:** 259162      **Units:** µg/L

**Analyst:** AM

<u>Analyte</u>	<u>Result</u>	<u>PQL</u>
Arochlor-1016	BQL	1.0
Arochlor-1221	BQL	1.0
Arochlor-1232	BQL	1.0
Arochlor-1242	BQL	1.0
Arochlor-1248	BQL	1.0
Arochlor-1254	BQL	1.0
Arochlor-1260	BQL	1.0

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**TAL Metals (6010B/7470A/7841/7041)**

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**Sample ID:** Water Drums

**Matrix:** Water

**Date Sampled:** 09/14/2007

**Date Extracted:**

**Date Analyzed:** 09/18/2007

**ACL Sample #:** 259162      **Units:** mg/L

**Analyst:** FBS/JR

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<u>Analyte</u>	<u>Result</u>	<u>PQL</u>
Aluminum	0.600	0.050
Antimony	0.040	0.010
Arsenic	BQL	0.010
Barium	0.650	0.020
Beryllium	BQL	0.004
Cadmium	BQL	0.005
Calcium	12.5	0.500
Chromium	BQL	0.010
Cobalt	0.165	0.050
Copper	0.035	0.020
Iron	25.0	0.100
Lead	0.015	0.010
Magnesium	1.20	0.500
Manganese	1.80	0.050
Mercury	0.0006	0.0005
Nickel	0.045	0.020
Potassium	5.50	0.500
Selenium	BQL	0.040
Silver	BQL	0.010
Sodium	7.50	0.500
Thallium	BQL	0.010
Vanadium	BQL	0.050
Zinc	12.0	0.020

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<u>Sample ID</u>	<u>ACL #</u>	<u>Analyte</u>	<u>Matrix</u>	<u>Result</u>	<u>PQL</u>	<u>Units</u>	<u>Date Analyzed</u>
Water Drums	259162	Flashpoint (1010)	Water	> 200	60-200	°F	09/18/2007
Water Drums	259162	pH (9040B)	Water	6.8	0-14	pH Units	09/17/2007
Water Drums	259162	React. CN (Sect 7.3.3.2)	Water	BQL	5.0	mg/L	09/20/2007
Water Drums	259162	React. S (Sect. 7.3.4.2)	Water	BQL	5.0	mg/L	09/19/2007
Water Drums	259162	TOC (9060)	Water	92.1	1.0	mg/L	09/18/2007
Water Drums	259162	TOX (9020B)	Water	35	10	µg/L	09/18/2007
Water Drums	259162	TSS (160.2)	Water	66	5	mg/L	09/18/2007



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**TCLP Volatiles (1311/8260B)**

**Sample ID:** Rag Sample Rolloff

**Matrix:** Rags  
**Date Sampled:** 09/14/2007  
**Date Extracted:** 09/18/2007  
**Date Analyzed:** 09/19/2007  
**Analyst:** ME

**ACL Sample #:** 259163      **Units:** mg/L

<u>Analyte</u>	<u>Result</u>	<u>PQL</u>
Benzene	BQL	0.05
Carbon tetrachloride	BQL	0.05
Chlorobenzene	BQL	0.05
Chloroform	BQL	0.05
1,2-Dichloroethane	BQL	0.05
1,1-Dichloroethene	BQL	0.05
Methyl ethyl ketone	BQL	1.00
Tetrachloroethene	BQL	0.05
Trichloroethene	BQL	0.05
Vinyl chloride	BQL	0.10



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**Contact:** Mr. Rodney Swiney

**TCLP Semi-Volatiles (1311/8270C)**

**Sample ID:** Rag Sample Rolloff

**Matrix:** Rags

**Date Sampled:** 09/14/2007

**Date Extracted:** 09/17/2007

**Date Analyzed:** 09/18/2007

**ACL Sample #:** 259163      **Units:** mg/L

**Analyst:** RB

<u>Analyte</u>	<u>Result</u>	<u>PQL</u>
m & p-Cresol	BQL	0.80
o-Cresol	BQL	0.40
1,4-Dichlorobenzene	BQL	0.40
2,4-Dinitrotoluene	BQL	0.40
Hexachlorobenzene	BQL	0.40
Hexachlorobutadiene	BQL	0.40
Hexachloroethane	BQL	0.40
Nitrobenzene	BQL	0.40
Pentachlorophenol	BQL	2.00
Pyridine	BQL	0.80
2,4,5-Trichlorophenol	BQL	0.40
2,4,6-Trichlorophenol	BQL	0.40

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**Contact:** Mr. Rodney Swiney

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**TCLP Pesticides (1311/8081A)**

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**Sample ID:** Rag Sample Rolloff

**Matrix:** Rags

**Date Sampled:** 09/14/2007

**Date Extracted:** 09/17/2007

**Date Analyzed:** 09/19/2007

**ACL Sample #:** 259163      **Units:** mg/L

**Analyst:** AM

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<u>Analyte</u>	<u>Result</u>	<u>PQL</u>
Chlordane	BQL	0.003
Endrin	BQL	0.002
Heptachlor	BQL	0.0008
Heptachlor epoxide	BQL	0.0008
Lindane	BQL	0.04
Methoxychlor	BQL	1.0
Toxaphene	BQL	0.05

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**TCLP Herbicides (1311/8151A)**

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**Sample ID:** Rag Sample Rolloff

**Matrix:** Rags

**Date Sampled:** 09/14/2007

**Date Extracted:** 09/17/2007

**Date Analyzed:** 09/19/2007

**ACL Sample #:** 259163      **Units:** mg/L

**Analyst:** AM

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<u>Analyte</u>	<u>Result</u>	<u>PQL</u>
2,4-D	BQL	1.0
2,4,5-TP (Silvex)	BQL	0.10

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**TCLP Metals (1311/6010B/7470A)**

**Sample ID:** Rag Sample Rolloff

**Matrix:** Rags  
**Date Sampled:** 09/14/2007  
**Date Extracted:** 09/17/2007  
**Date Analyzed:** 09/18/2007  
**Analyst:** FBS/JR

**ACL Sample #:** 259163      **Units:** mg/L

<u>Analyte</u>	<u>Result</u>	<u>PQL</u>
Arsenic	BQL	0.50
Barium	BQL	2.00
Cadmium	BQL	0.10
Chromium	0.60	0.20
Lead	BQL	0.50
Mercury	BQL	0.002
Selenium	BQL	0.50
Silver	BQL	0.50

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**PCBs (3550B/8082)**

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**Sample ID:** Rag Sample Rolloff

**Matrix:** Rags  
**Date Sampled:** 09/14/2007  
**Date Extracted:** 09/17/2007  
**Date Analyzed:** 09/18/2007  
**Analyst:** AM

**ACL Sample #:** 259163      **Units:** mg/kg

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<u>Analyte</u>	<u>Result</u>	<u>PQL</u>
Arochlor-1016	BQL	0.20
Arochlor-1221	BQL	0.20
Arochlor-1232	BQL	0.20
Arochlor-1242	BQL	0.20
Arochlor-1248	BQL	0.20
Arochlor-1254	BQL	0.20
Arochlor-1260	BQL	0.20

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<u>Sample ID</u>	<u>ACL #</u>	<u>Analyte</u>	<u>Matrix</u>	<u>Result</u>	<u>PQL</u>	<u>Units</u>	<u>Date Analyzed</u>
Rag Sample Rolloff	259163	Ignitability (1010M)	Rags	> 200	60-200	°F	09/18/2007
Rag Sample Rolloff	259163	pH (9045C)	Rags	6.6	0-14	pH Units	09/17/2007
Rag Sample Rolloff	259163	React. CN (Sect. 7.3.3.2)	Rags	BQL	5.00	mg/L	09/20/2007
Rag Sample Rolloff	259163	React. S (Sect. 7.3.4.2)	Rags	6.00	5.00	mg/kg	09/19/2007
Rag Sample Rolloff	259163	TOX (CI) (9020B)	Rags	163	10	mg/kg	09/18/2007

