TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Houston
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Tel: (713)690-4444

TestAmerica Job ID: 600-182558-1
Client Project/Site: Deer Park Water Samples

For:
Weston Solutions, Inc.
13702 Coursey Blvd.
Building 7, Suite A
Baton Rouge, Louisiana 70817

Attn: Mr. Jeff Wright

Authorized for release by:
3/28/2019 5:22:57 PM

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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Results relate only to the items tested and the sample(s) as received by the laboratory.

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Job ID: 600-182558-1

Laboratory: TestAmerica Houston

Narrative

Job Narrative
600-182558-1

Comments
No additional comments.

Receipt
The samples were received on 3/27/2019 6:15 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 0.4º C.

GC/MS Semi VOA
Method(s) 8270C: The continuing calibration verification (CCV) associated with batch 600-261332 recovered above the upper control limit for 4-Chloro-3-methylphenol, Hexachlorobutadiene, 2,4-Dichlorophenol and 2-Nitrophenol. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following sample is impacted: (CCVIS 600-261332/2).

Method(s) 8270C: The method blank for preparation batch 600-261273 and analytical batch 600-261332 contained Phenanthrene above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method(s) 8270C: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for batch preparation batch 600-261273 and analytical batch 600-261332 recovered outside control limits for the following analytes: Benzo[b]fluoranthene.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Method Summary

Client: Weston Solutions, Inc.
Project/Site: Deer Park Water Samples

TestAmerica Job ID: 600-182558-1

Method	Method Description	Protocol	Laboratory
8270C	Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	SW846	TAL HOU
1664A	HEM and SGT-HEM by Extraction and Gravimetry	EPA	TAL HOU
8000	Chemical Oxygen Demand (COD) Colorimetric	Hach	TAL HOU
1664A	HEM and SGT-HEM by Extraction and Gravimetry/Aqueous Preparation	EPA	TAL HOU
3510C LVI	Liquid-Liquid Extraction (Separatory Funnel) LVI	SW846	TAL HOU

Protocol References:

EPA = US Environmental Protection Agency

Hach = Hach Company

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL HOU = TestAmerica Houston, 6310 Rothway Street, Houston, TX 77040, TEL (713)690-4444

Sample Summary

Client: Weston Solutions, Inc.
Project/Site: Deer Park Water Samples

TestAmerica Job ID: 600-182558-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
600-182558-1	ITC-BB-01-20190326-11	Water	03/26/19 09:56	03/27/19 06:15
600-182558-2	ITC-BB-02-20190326-11	Water	03/26/19 10:10	03/27/19 06:15
600-182558-3	ITC-BB-03-20190326-11	Water	03/26/19 10:36	03/27/19 06:15

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Deer Park Water Samples

TestAmerica Job ID: 600-182558-1

Client Sample ID: ITC-BB-01-20190326-11

Lab Sample ID: 600-182558-1

Date Collected: 03/26/19 09:56

Matrix: Water

Date Received: 03/27/19 06:15

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	2.27	U	10.0	2.27	ug/L		03/27/19 08:47	03/27/19 17:50	1
Acenaphthylene	2.29	U	10.0	2.29	ug/L		03/27/19 08:47	03/27/19 17:50	1
Anthracene	2.49	U	10.0	2.49	ug/L		03/27/19 08:47	03/27/19 17:50	1
Benzo[a]anthracene	2.11	U	10.0	2.11	ug/L		03/27/19 08:47	03/27/19 17:50	1
Benzo[b]fluoranthene	2.50	U *	10.0	2.50	ug/L		03/27/19 08:47	03/27/19 17:50	1
Benzo[k]fluoranthene	2.99	U	10.0	2.99	ug/L		03/27/19 08:47	03/27/19 17:50	1
Benzo[g,h,i]perylene	2.11	U	10.0	2.11	ug/L		03/27/19 08:47	03/27/19 17:50	1
Benzo[a]pyrene	2.46	U	10.0	2.46	ug/L		03/27/19 08:47	03/27/19 17:50	1
Bis(2-chloroethoxy)methane	2.91	U	10.0	2.91	ug/L		03/27/19 08:47	03/27/19 17:50	1
Bis(2-chloroethyl)ether	2.63	U	10.0	2.63	ug/L		03/27/19 08:47	03/27/19 17:50	1
Bis(2-ethylhexyl) phthalate	2.26	U	10.0	2.26	ug/L		03/27/19 08:47	03/27/19 17:50	1
4-Bromophenyl phenyl ether	2.50	U	10.0	2.50	ug/L		03/27/19 08:47	03/27/19 17:50	1
Butyl benzyl phthalate	2.36	U	10.0	2.36	ug/L		03/27/19 08:47	03/27/19 17:50	1
4-Chloroaniline	2.11	U	10.0	2.11	ug/L		03/27/19 08:47	03/27/19 17:50	1
2-Chloronaphthalene	2.81	U	10.0	2.81	ug/L		03/27/19 08:47	03/27/19 17:50	1
4-Chlorophenyl phenyl ether	2.19	U	10.0	2.19	ug/L		03/27/19 08:47	03/27/19 17:50	1
Carbazole	2.97	U	10.0	2.97	ug/L		03/27/19 08:47	03/27/19 17:50	1
Chrysene	2.06	U	10.0	2.06	ug/L		03/27/19 08:47	03/27/19 17:50	1
Di-n-butyl phthalate	2.09	U	10.0	2.09	ug/L		03/27/19 08:47	03/27/19 17:50	1
Dibenz(a,h)anthracene	2.48	U	10.0	2.48	ug/L		03/27/19 08:47	03/27/19 17:50	1
Dibenzofuran	2.28	U	10.0	2.28	ug/L		03/27/19 08:47	03/27/19 17:50	1
3,3'-Dichlorobenzidine	2.37	U	20.0	2.37	ug/L		03/27/19 08:47	03/27/19 17:50	1
Diethyl phthalate	2.59	U	10.0	2.59	ug/L		03/27/19 08:47	03/27/19 17:50	1
Dimethyl phthalate	2.47	U	10.0	2.47	ug/L		03/27/19 08:47	03/27/19 17:50	1
2,4-Dinitrotoluene	2.11	U	10.0	2.11	ug/L		03/27/19 08:47	03/27/19 17:50	1
2,6-Dinitrotoluene	2.79	U	10.0	2.79	ug/L		03/27/19 08:47	03/27/19 17:50	1
Di-n-octyl phthalate	1.87	U	10.0	1.87	ug/L		03/27/19 08:47	03/27/19 17:50	1
Fluoranthene	2.44	U	10.0	2.44	ug/L		03/27/19 08:47	03/27/19 17:50	1
Fluorene	2.11	U	10.0	2.11	ug/L		03/27/19 08:47	03/27/19 17:50	1
Hexachlorobenzene	3.28	U	10.0	3.28	ug/L		03/27/19 08:47	03/27/19 17:50	1
Hexachlorocyclopentadiene	2.32	U	10.0	2.32	ug/L		03/27/19 08:47	03/27/19 17:50	1
Hexachloroethane	3.29	U	10.0	3.29	ug/L		03/27/19 08:47	03/27/19 17:50	1
Hexachlorobutadiene	2.57	U	10.0	2.57	ug/L		03/27/19 08:47	03/27/19 17:50	1
Indeno[1,2,3-cd]pyrene	3.09	U	10.0	3.09	ug/L		03/27/19 08:47	03/27/19 17:50	1
Isophorone	2.64	U	10.0	2.64	ug/L		03/27/19 08:47	03/27/19 17:50	1
2-Methylnaphthalene	2.58	U	10.0	2.58	ug/L		03/27/19 08:47	03/27/19 17:50	1
Naphthalene	2.20	U	10.0	2.20	ug/L		03/27/19 08:47	03/27/19 17:50	1
2-Nitroaniline	3.80	U	50.0	3.80	ug/L		03/27/19 08:47	03/27/19 17:50	1
3-Nitroaniline	1.85	U	50.0	1.85	ug/L		03/27/19 08:47	03/27/19 17:50	1
4-Nitroaniline	2.34	U	10.0	2.34	ug/L		03/27/19 08:47	03/27/19 17:50	1
Nitrobenzene	2.59	U	10.0	2.59	ug/L		03/27/19 08:47	03/27/19 17:50	1
N-Nitrosodiphenylamine	2.01	U	10.0	2.01	ug/L		03/27/19 08:47	03/27/19 17:50	1
N-Nitrosodi-n-propylamine	3.19	U	10.0	3.19	ug/L		03/27/19 08:47	03/27/19 17:50	1
Phenanthrene	2.24	U	10.0	2.24	ug/L		03/27/19 08:47	03/27/19 17:50	1
Pyrene	3.00	U	10.0	3.00	ug/L		03/27/19 08:47	03/27/19 17:50	1
4-Chloro-3-methylphenol	1.97	U	10.0	1.97	ug/L		03/27/19 08:47	03/27/19 17:50	1
2-Chlorophenol	2.19	U	10.0	2.19	ug/L		03/27/19 08:47	03/27/19 17:50	1
2-Methylphenol	1.42	U	10.0	1.42	ug/L		03/27/19 08:47	03/27/19 17:50	1
3 & 4 Methylphenol	1.35	U	20.0	1.35	ug/L		03/27/19 08:47	03/27/19 17:50	1

Client Sample ID: ITC-BB-01-20190326-11

Lab Sample ID: 600-182558-1

Date Collected: 03/26/19 09:56

Matrix: Water

Date Received: 03/27/19 06:15

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenol	2.16	U	10.0	2.16	ug/L		03/27/19 08:47	03/27/19 17:50	1
2,4-Dimethylphenol	1.94	U	10.0	1.94	ug/L		03/27/19 08:47	03/27/19 17:50	1
4,6-Dinitro-2-methylphenol	3.36	U	50.0	3.36	ug/L		03/27/19 08:47	03/27/19 17:50	1
2,4-Dinitrophenol	5.46	U	50.0	5.46	ug/L		03/27/19 08:47	03/27/19 17:50	1
2-Nitrophenol	2.10	U	10.0	2.10	ug/L		03/27/19 08:47	03/27/19 17:50	1
4-Nitrophenol	2.80	U	50.0	2.80	ug/L		03/27/19 08:47	03/27/19 17:50	1
Pentachlorophenol	3.15	U	50.0	3.15	ug/L		03/27/19 08:47	03/27/19 17:50	1
Phenol	1.25	U	10.0	1.25	ug/L		03/27/19 08:47	03/27/19 17:50	1
2,4,5-Trichlorophenol	4.20	U	10.0	4.20	ug/L		03/27/19 08:47	03/27/19 17:50	1
2,4,6-Trichlorophenol	3.32	U	10.0	3.32	ug/L		03/27/19 08:47	03/27/19 17:50	1
bis (2-Chloroisopropyl) ether	2.92	U	10.0	2.92	ug/L		03/27/19 08:47	03/27/19 17:50	1
1,1'-Biphenyl	2.68	U	10.0	2.68	ug/L		03/27/19 08:47	03/27/19 17:50	1
Acetophenone	2.42	U	10.0	2.42	ug/L		03/27/19 08:47	03/27/19 17:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*59*		*24 - 150*	*03/27/19 08:47*	*03/27/19 17:50*	*1*
2-Fluorophenol	*38*		*10 - 130*	*03/27/19 08:47*	*03/27/19 17:50*	*1*
2-Fluorobiphenyl	*55*		*38 - 133*	*03/27/19 08:47*	*03/27/19 17:50*	*1*
2,4,6-Tribromophenol	*39*		*19 - 150*	*03/27/19 08:47*	*03/27/19 17:50*	*1*
Terphenyl-d14	*70*		*35 - 150*	*03/27/19 08:47*	*03/27/19 17:50*	*1*
Phenol-d5 (Surr)	*27*		*10 - 130*	*03/27/19 08:47*	*03/27/19 17:50*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil & Grease (HEM)	**1.3**	**J**	3.2	1.1	mg/L		03/27/19 14:01	03/27/19 14:02	1
Chemical Oxygen Demand	**36.5**		10.0	2.46	mg/L			03/27/19 14:28	1

Client Sample ID: ITC-BB-02-20190326-11

Lab Sample ID: 600-182558-2

Date Collected: 03/26/19 10:10

Matrix: Water

Date Received: 03/27/19 06:15

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	2.36	U	10.4	2.36	ug/L		03/27/19 08:47	03/27/19 18:13	1
Acenaphthylene	2.39	U	10.4	2.39	ug/L		03/27/19 08:47	03/27/19 18:13	1
Anthracene	2.59	U	10.4	2.59	ug/L		03/27/19 08:47	03/27/19 18:13	1
Benzo[a]anthracene	2.20	U	10.4	2.20	ug/L		03/27/19 08:47	03/27/19 18:13	1
Benzo[b]fluoranthene	2.60	U *	10.4	2.60	ug/L		03/27/19 08:47	03/27/19 18:13	1
Benzo[k]fluoranthene	3.11	U	10.4	3.11	ug/L		03/27/19 08:47	03/27/19 18:13	1
Benzo[g,h,i]perylene	2.20	U	10.4	2.20	ug/L		03/27/19 08:47	03/27/19 18:13	1
Benzo[a]pyrene	2.56	U	10.4	2.56	ug/L		03/27/19 08:47	03/27/19 18:13	1
Bis(2-chloroethoxy)methane	3.03	U	10.4	3.03	ug/L		03/27/19 08:47	03/27/19 18:13	1
Bis(2-chloroethyl)ether	2.74	U	10.4	2.74	ug/L		03/27/19 08:47	03/27/19 18:13	1
Bis(2-ethylhexyl) phthalate	2.35	U	10.4	2.35	ug/L		03/27/19 08:47	03/27/19 18:13	1
4-Bromophenyl phenyl ether	2.60	U	10.4	2.60	ug/L		03/27/19 08:47	03/27/19 18:13	1
Butyl benzyl phthalate	2.46	U	10.4	2.46	ug/L		03/27/19 08:47	03/27/19 18:13	1
4-Chloroaniline	2.20	U	10.4	2.20	ug/L		03/27/19 08:47	03/27/19 18:13	1
2-Chloronaphthalene	2.93	U	10.4	2.93	ug/L		03/27/19 08:47	03/27/19 18:13	1
4-Chlorophenyl phenyl ether	2.28	U	10.4	2.28	ug/L		03/27/19 08:47	03/27/19 18:13	1
Carbazole	3.09	U	10.4	3.09	ug/L		03/27/19 08:47	03/27/19 18:13	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Deer Park Water Samples

TestAmerica Job ID: 600-182558-1

Client Sample ID: ITC-BB-02-20190326-11

Lab Sample ID: 600-182558-2

Date Collected: 03/26/19 10:10

Matrix: Water

Date Received: 03/27/19 06:15

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	2.15	U	10.4	2.15	ug/L		03/27/19 08:47	03/27/19 18:13	1
Di-n-butyl phthalate	2.18	U	10.4	2.18	ug/L		03/27/19 08:47	03/27/19 18:13	1
Dibenz(a,h)anthracene	2.58	U	10.4	2.58	ug/L		03/27/19 08:47	03/27/19 18:13	1
Dibenzofuran	2.38	U	10.4	2.38	ug/L		03/27/19 08:47	03/27/19 18:13	1
3,3'-Dichlorobenzidine	2.47	U	20.8	2.47	ug/L		03/27/19 08:47	03/27/19 18:13	1
Diethyl phthalate	2.70	U	10.4	2.70	ug/L		03/27/19 08:47	03/27/19 18:13	1
Dimethyl phthalate	2.57	U	10.4	2.57	ug/L		03/27/19 08:47	03/27/19 18:13	1
2,4-Dinitrotoluene	2.20	U	10.4	2.20	ug/L		03/27/19 08:47	03/27/19 18:13	1
2,6-Dinitrotoluene	2.91	U	10.4	2.91	ug/L		03/27/19 08:47	03/27/19 18:13	1
Di-n-octyl phthalate	1.95	U	10.4	1.95	ug/L		03/27/19 08:47	03/27/19 18:13	1
Fluoranthene	2.54	U	10.4	2.54	ug/L		03/27/19 08:47	03/27/19 18:13	1
Fluorene	2.20	U	10.4	2.20	ug/L		03/27/19 08:47	03/27/19 18:13	1
Hexachlorobenzene	3.42	U	10.4	3.42	ug/L		03/27/19 08:47	03/27/19 18:13	1
Hexachlorocyclopentadiene	2.42	U	10.4	2.42	ug/L		03/27/19 08:47	03/27/19 18:13	1
Hexachloroethane	3.43	U	10.4	3.43	ug/L		03/27/19 08:47	03/27/19 18:13	1
Hexachlorobutadiene	2.68	U	10.4	2.68	ug/L		03/27/19 08:47	03/27/19 18:13	1
Indeno[1,2,3-cd]pyrene	3.22	U	10.4	3.22	ug/L		03/27/19 08:47	03/27/19 18:13	1
Isophorone	2.75	U	10.4	2.75	ug/L		03/27/19 08:47	03/27/19 18:13	1
2-Methylnaphthalene	2.69	U	10.4	2.69	ug/L		03/27/19 08:47	03/27/19 18:13	1
Naphthalene	2.29	U	10.4	2.29	ug/L		03/27/19 08:47	03/27/19 18:13	1
2-Nitroaniline	3.96	U	52.1	3.96	ug/L		03/27/19 08:47	03/27/19 18:13	1
3-Nitroaniline	1.93	U	52.1	1.93	ug/L		03/27/19 08:47	03/27/19 18:13	1
4-Nitroaniline	2.44	U	10.4	2.44	ug/L		03/27/19 08:47	03/27/19 18:13	1
Nitrobenzene	2.70	U	10.4	2.70	ug/L		03/27/19 08:47	03/27/19 18:13	1
N-Nitrosodiphenylamine	2.09	U	10.4	2.09	ug/L		03/27/19 08:47	03/27/19 18:13	1
N-Nitrosodi-n-propylamine	3.32	U	10.4	3.32	ug/L		03/27/19 08:47	03/27/19 18:13	1
Phenanthrene	2.33	U	10.4	2.33	ug/L		03/27/19 08:47	03/27/19 18:13	1
Pyrene	3.13	U	10.4	3.13	ug/L		03/27/19 08:47	03/27/19 18:13	1
4-Chloro-3-methylphenol	2.05	U	10.4	2.05	ug/L		03/27/19 08:47	03/27/19 18:13	1
2-Chlorophenol	2.28	U	10.4	2.28	ug/L		03/27/19 08:47	03/27/19 18:13	1
2-Methylphenol	1.48	U	10.4	1.48	ug/L		03/27/19 08:47	03/27/19 18:13	1
3 & 4 Methylphenol	1.41	U	20.8	1.41	ug/L		03/27/19 08:47	03/27/19 18:13	1
2,4-Dichlorophenol	2.25	U	10.4	2.25	ug/L		03/27/19 08:47	03/27/19 18:13	1
2,4-Dimethylphenol	2.02	U	10.4	2.02	ug/L		03/27/19 08:47	03/27/19 18:13	1
4,6-Dinitro-2-methylphenol	3.50	U	52.1	3.50	ug/L		03/27/19 08:47	03/27/19 18:13	1
2,4-Dinitrophenol	5.69	U	52.1	5.69	ug/L		03/27/19 08:47	03/27/19 18:13	1
2-Nitrophenol	2.19	U	10.4	2.19	ug/L		03/27/19 08:47	03/27/19 18:13	1
4-Nitrophenol	2.92	U	52.1	2.92	ug/L		03/27/19 08:47	03/27/19 18:13	1
Pentachlorophenol	3.28	U	52.1	3.28	ug/L		03/27/19 08:47	03/27/19 18:13	1
Phenol	1.30	U	10.4	1.30	ug/L		03/27/19 08:47	03/27/19 18:13	1
2,4,5-Trichlorophenol	4.38	U	10.4	4.38	ug/L		03/27/19 08:47	03/27/19 18:13	1
2,4,6-Trichlorophenol	3.46	U	10.4	3.46	ug/L		03/27/19 08:47	03/27/19 18:13	1
bis (2-Chloroisopropyl) ether	3.04	U	10.4	3.04	ug/L		03/27/19 08:47	03/27/19 18:13	1
1,1'-Biphenyl	2.79	U	10.4	2.79	ug/L		03/27/19 08:47	03/27/19 18:13	1
Acetophenone	2.52	U	10.4	2.52	ug/L		03/27/19 08:47	03/27/19 18:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*56*		*24 - 150*	*03/27/19 08:47*	*03/27/19 18:13*	*1*
2-Fluorophenol	*36*		*10 - 130*	*03/27/19 08:47*	*03/27/19 18:13*	*1*
2-Fluorobiphenyl	*51*		*38 - 133*	*03/27/19 08:47*	*03/27/19 18:13*	*1*

Client Sample ID: ITC-BB-02-20190326-11

Lab Sample ID: 600-182558-2

Date Collected: 03/26/19 10:10

Matrix: Water

Date Received: 03/27/19 06:15

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*38*		*19 - 150*	*03/27/19 08:47*	*03/27/19 18:13*	*1*
Terphenyl-d14	*68*		*35 - 150*	*03/27/19 08:47*	*03/27/19 18:13*	*1*
Phenol-d5 (Surr)	*26*		*10 - 130*	*03/27/19 08:47*	*03/27/19 18:13*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil & Grease (HEM)	**1.4**	**J**	3.0	1.0	mg/L		03/27/19 14:01	03/27/19 14:02	1
Chemical Oxygen Demand	**48.6**		10.0	2.46	mg/L			03/27/19 14:28	1

Client Sample ID: ITC-BB-03-20190326-11

Lab Sample ID: 600-182558-3

Date Collected: 03/26/19 10:36

Matrix: Water

Date Received: 03/27/19 06:15

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	2.27	U	10.0	2.27	ug/L		03/27/19 08:47	03/27/19 18:36	1
Acenaphthylene	2.29	U	10.0	2.29	ug/L		03/27/19 08:47	03/27/19 18:36	1
Anthracene	2.49	U	10.0	2.49	ug/L		03/27/19 08:47	03/27/19 18:36	1
Benzo[a]anthracene	2.11	U	10.0	2.11	ug/L		03/27/19 08:47	03/27/19 18:36	1
Benzo[b]fluoranthene	2.50	U *	10.0	2.50	ug/L		03/27/19 08:47	03/27/19 18:36	1
Benzo[k]fluoranthene	2.99	U	10.0	2.99	ug/L		03/27/19 08:47	03/27/19 18:36	1
Benzo[g,h,i]perylene	2.11	U	10.0	2.11	ug/L		03/27/19 08:47	03/27/19 18:36	1
Benzo[a]pyrene	2.46	U	10.0	2.46	ug/L		03/27/19 08:47	03/27/19 18:36	1
Bis(2-chloroethoxy)methane	2.91	U	10.0	2.91	ug/L		03/27/19 08:47	03/27/19 18:36	1
Bis(2-chloroethyl)ether	2.63	U	10.0	2.63	ug/L		03/27/19 08:47	03/27/19 18:36	1
Bis(2-ethylhexyl) phthalate	2.26	U	10.0	2.26	ug/L		03/27/19 08:47	03/27/19 18:36	1
4-Bromophenyl phenyl ether	2.50	U	10.0	2.50	ug/L		03/27/19 08:47	03/27/19 18:36	1
Butyl benzyl phthalate	2.36	U	10.0	2.36	ug/L		03/27/19 08:47	03/27/19 18:36	1
4-Chloroaniline	2.11	U	10.0	2.11	ug/L		03/27/19 08:47	03/27/19 18:36	1
2-Chloronaphthalene	2.81	U	10.0	2.81	ug/L		03/27/19 08:47	03/27/19 18:36	1
4-Chlorophenyl phenyl ether	2.19	U	10.0	2.19	ug/L		03/27/19 08:47	03/27/19 18:36	1
Carbazole	2.97	U	10.0	2.97	ug/L		03/27/19 08:47	03/27/19 18:36	1
Chrysene	2.06	U	10.0	2.06	ug/L		03/27/19 08:47	03/27/19 18:36	1
Di-n-butyl phthalate	2.09	U	10.0	2.09	ug/L		03/27/19 08:47	03/27/19 18:36	1
Dibenz(a,h)anthracene	2.48	U	10.0	2.48	ug/L		03/27/19 08:47	03/27/19 18:36	1
Dibenzofuran	2.28	U	10.0	2.28	ug/L		03/27/19 08:47	03/27/19 18:36	1
3,3'-Dichlorobenzidine	2.37	U	20.0	2.37	ug/L		03/27/19 08:47	03/27/19 18:36	1
Diethyl phthalate	2.59	U	10.0	2.59	ug/L		03/27/19 08:47	03/27/19 18:36	1
Dimethyl phthalate	2.47	U	10.0	2.47	ug/L		03/27/19 08:47	03/27/19 18:36	1
2,4-Dinitrotoluene	2.11	U	10.0	2.11	ug/L		03/27/19 08:47	03/27/19 18:36	1
2,6-Dinitrotoluene	2.79	U	10.0	2.79	ug/L		03/27/19 08:47	03/27/19 18:36	1
Di-n-octyl phthalate	1.87	U	10.0	1.87	ug/L		03/27/19 08:47	03/27/19 18:36	1
Fluoranthene	2.44	U	10.0	2.44	ug/L		03/27/19 08:47	03/27/19 18:36	1
Fluorene	2.11	U	10.0	2.11	ug/L		03/27/19 08:47	03/27/19 18:36	1
Hexachlorobenzene	3.28	U	10.0	3.28	ug/L		03/27/19 08:47	03/27/19 18:36	1
Hexachlorocyclopentadiene	2.32	U	10.0	2.32	ug/L		03/27/19 08:47	03/27/19 18:36	1
Hexachloroethane	3.29	U	10.0	3.29	ug/L		03/27/19 08:47	03/27/19 18:36	1
Hexachlorobutadiene	2.57	U	10.0	2.57	ug/L		03/27/19 08:47	03/27/19 18:36	1
Indeno[1,2,3-cd]pyrene	3.09	U	10.0	3.09	ug/L		03/27/19 08:47	03/27/19 18:36	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Deer Park Water Samples

TestAmerica Job ID: 600-182558-1

Client Sample ID: ITC-BB-03-20190326-11

Lab Sample ID: 600-182558-3

Date Collected: 03/26/19 10:36
Matrix: Water
Date Received: 03/27/19 06:15

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isophorone	2.64	U	10.0	2.64	ug/L		03/27/19 08:47	03/27/19 18:36	1
2-Methylnaphthalene	2.58	U	10.0	2.58	ug/L		03/27/19 08:47	03/27/19 18:36	1
Naphthalene	2.20	U	10.0	2.20	ug/L		03/27/19 08:47	03/27/19 18:36	1
2-Nitroaniline	3.80	U	50.0	3.80	ug/L		03/27/19 08:47	03/27/19 18:36	1
3-Nitroaniline	1.85	U	50.0	1.85	ug/L		03/27/19 08:47	03/27/19 18:36	1
4-Nitroaniline	2.34	U	10.0	2.34	ug/L		03/27/19 08:47	03/27/19 18:36	1
Nitrobenzene	2.59	U	10.0	2.59	ug/L		03/27/19 08:47	03/27/19 18:36	1
N-Nitrosodiphenylamine	2.01	U	10.0	2.01	ug/L		03/27/19 08:47	03/27/19 18:36	1
N-Nitrosodi-n-propylamine	3.19	U	10.0	3.19	ug/L		03/27/19 08:47	03/27/19 18:36	1
Phenanthrene	2.24	U	10.0	2.24	ug/L		03/27/19 08:47	03/27/19 18:36	1
Pyrene	3.00	U	10.0	3.00	ug/L		03/27/19 08:47	03/27/19 18:36	1
4-Chloro-3-methylphenol	1.97	U	10.0	1.97	ug/L		03/27/19 08:47	03/27/19 18:36	1
2-Chlorophenol	2.19	U	10.0	2.19	ug/L		03/27/19 08:47	03/27/19 18:36	1
2-Methylphenol	1.42	U	10.0	1.42	ug/L		03/27/19 08:47	03/27/19 18:36	1
3 & 4 Methylphenol	1.35	U	20.0	1.35	ug/L		03/27/19 08:47	03/27/19 18:36	1
2,4-Dichlorophenol	2.16	U	10.0	2.16	ug/L		03/27/19 08:47	03/27/19 18:36	1
2,4-Dimethylphenol	1.94	U	10.0	1.94	ug/L		03/27/19 08:47	03/27/19 18:36	1
4,6-Dinitro-2-methylphenol	3.36	U	50.0	3.36	ug/L		03/27/19 08:47	03/27/19 18:36	1
2,4-Dinitrophenol	5.46	U	50.0	5.46	ug/L		03/27/19 08:47	03/27/19 18:36	1
2-Nitrophenol	2.10	U	10.0	2.10	ug/L		03/27/19 08:47	03/27/19 18:36	1
4-Nitrophenol	2.80	U	50.0	2.80	ug/L		03/27/19 08:47	03/27/19 18:36	1
Pentachlorophenol	3.15	U	50.0	3.15	ug/L		03/27/19 08:47	03/27/19 18:36	1
Phenol	1.25	U	10.0	1.25	ug/L		03/27/19 08:47	03/27/19 18:36	1
2,4,5-Trichlorophenol	4.20	U	10.0	4.20	ug/L		03/27/19 08:47	03/27/19 18:36	1
2,4,6-Trichlorophenol	3.32	U	10.0	3.32	ug/L		03/27/19 08:47	03/27/19 18:36	1
bis (2-Chloroisopropyl) ether	2.92	U	10.0	2.92	ug/L		03/27/19 08:47	03/27/19 18:36	1
1,1'-Biphenyl	2.68	U	10.0	2.68	ug/L		03/27/19 08:47	03/27/19 18:36	1
Acetophenone	2.42	U	10.0	2.42	ug/L		03/27/19 08:47	03/27/19 18:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*48*		*24 - 150*	*03/27/19 08:47*	*03/27/19 18:36*	*1*
2-Fluorophenol	*31*		*10 - 130*	*03/27/19 08:47*	*03/27/19 18:36*	*1*
2-Fluorobiphenyl	*45*		*38 - 133*	*03/27/19 08:47*	*03/27/19 18:36*	*1*
2,4,6-Tribromophenol	*35*		*19 - 150*	*03/27/19 08:47*	*03/27/19 18:36*	*1*
Terphenyl-d14	*58*		*35 - 150*	*03/27/19 08:47*	*03/27/19 18:36*	*1*
Phenol-d5 (Surr)	*23*		*10 - 130*	*03/27/19 08:47*	*03/27/19 18:36*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil & Grease (HEM)	**1.4**	**J**	3.0	1.0	mg/L		03/27/19 14:01	03/27/19 14:02	1
Chemical Oxygen Demand	**50.9**		10.0	2.46	mg/L			03/27/19 14:31	1

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
*	RPD of the LCS and LCSD exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Surrogate Summary

Client: Weston Solutions, Inc.
Project/Site: Deer Park Water Samples

TestAmerica Job ID: 600-182558-1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		NBZ	2FP	FBP	TBP	TPHL	PHL
Lab Sample ID	Client Sample ID	(24-150)	(10-130)	(38-133)	(19-150)	(35-150)	(10-130)
600-182558-1	ITC-BB-01-20190326-11	59	38	55	39	70	27
600-182558-2	ITC-BB-02-20190326-11	56	36	51	38	68	26
600-182558-3	ITC-BB-03-20190326-11	48	31	45	35	58	23
LCS 600-261273/2-A	Lab Control Sample	61	52	61	48	67	36
LCSD 600-261273/3-A	Lab Control Sample Dup	65	63	65	50	66	39
MB 600-261273/1-A	Method Blank	61	63	60	43	72	43

Surrogate Legend

NBZ = Nitrobenzene-d5
2FP = 2-Fluorophenol
FBP = 2-Fluorobiphenyl
TBP = 2,4,6-Tribromophenol
TPHL = Terphenyl-d14
PHL = Phenol-d5 (Surr)

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Lab Sample ID: MB 600-261273/1-A
Matrix: Water
Analysis Batch: 261332

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 261273

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	2.27	U	10.0	2.27	ug/L		03/27/19 08:47	03/27/19 15:07	1
Acenaphthylene	2.29	U	10.0	2.29	ug/L		03/27/19 08:47	03/27/19 15:07	1
Anthracene	2.49	U	10.0	2.49	ug/L		03/27/19 08:47	03/27/19 15:07	1
Benzo[a]anthracene	2.11	U	10.0	2.11	ug/L		03/27/19 08:47	03/27/19 15:07	1
Benzo[b]fluoranthene	2.50	U	10.0	2.50	ug/L		03/27/19 08:47	03/27/19 15:07	1
Benzo[k]fluoranthene	2.99	U	10.0	2.99	ug/L		03/27/19 08:47	03/27/19 15:07	1
Benzo[g,h,i]perylene	2.11	U	10.0	2.11	ug/L		03/27/19 08:47	03/27/19 15:07	1
Benzo[a]pyrene	2.46	U	10.0	2.46	ug/L		03/27/19 08:47	03/27/19 15:07	1
Bis(2-chloroethoxy)methane	2.91	U	10.0	2.91	ug/L		03/27/19 08:47	03/27/19 15:07	1
Bis(2-chloroethyl)ether	2.63	U	10.0	2.63	ug/L		03/27/19 08:47	03/27/19 15:07	1
Bis(2-ethylhexyl) phthalate	2.26	U	10.0	2.26	ug/L		03/27/19 08:47	03/27/19 15:07	1
4-Bromophenyl phenyl ether	2.50	U	10.0	2.50	ug/L		03/27/19 08:47	03/27/19 15:07	1
Butyl benzyl phthalate	2.36	U	10.0	2.36	ug/L		03/27/19 08:47	03/27/19 15:07	1
4-Chloroaniline	2.11	U	10.0	2.11	ug/L		03/27/19 08:47	03/27/19 15:07	1
2-Chloronaphthalene	2.81	U	10.0	2.81	ug/L		03/27/19 08:47	03/27/19 15:07	1
4-Chlorophenyl phenyl ether	2.19	U	10.0	2.19	ug/L		03/27/19 08:47	03/27/19 15:07	1
Carbazole	2.97	U	10.0	2.97	ug/L		03/27/19 08:47	03/27/19 15:07	1
Chrysene	2.06	U	10.0	2.06	ug/L		03/27/19 08:47	03/27/19 15:07	1
Di-n-butyl phthalate	2.09	U	10.0	2.09	ug/L		03/27/19 08:47	03/27/19 15:07	1
Dibenz(a,h)anthracene	2.48	U	10.0	2.48	ug/L		03/27/19 08:47	03/27/19 15:07	1
Dibenzofuran	2.28	U	10.0	2.28	ug/L		03/27/19 08:47	03/27/19 15:07	1
3,3'-Dichlorobenzidine	2.37	U	20.0	2.37	ug/L		03/27/19 08:47	03/27/19 15:07	1
Diethyl phthalate	2.59	U	10.0	2.59	ug/L		03/27/19 08:47	03/27/19 15:07	1
Dimethyl phthalate	2.47	U	10.0	2.47	ug/L		03/27/19 08:47	03/27/19 15:07	1
2,4-Dinitrotoluene	2.11	U	10.0	2.11	ug/L		03/27/19 08:47	03/27/19 15:07	1
2,6-Dinitrotoluene	2.79	U	10.0	2.79	ug/L		03/27/19 08:47	03/27/19 15:07	1
Di-n-octyl phthalate	1.87	U	10.0	1.87	ug/L		03/27/19 08:47	03/27/19 15:07	1
Fluoranthene	2.44	U	10.0	2.44	ug/L		03/27/19 08:47	03/27/19 15:07	1
Fluorene	2.11	U	10.0	2.11	ug/L		03/27/19 08:47	03/27/19 15:07	1
Hexachlorobenzene	3.28	U	10.0	3.28	ug/L		03/27/19 08:47	03/27/19 15:07	1
Hexachlorocyclopentadiene	2.32	U	10.0	2.32	ug/L		03/27/19 08:47	03/27/19 15:07	1
Hexachloroethane	3.29	U	10.0	3.29	ug/L		03/27/19 08:47	03/27/19 15:07	1
Hexachlorobutadiene	2.57	U	10.0	2.57	ug/L		03/27/19 08:47	03/27/19 15:07	1
Indeno[1,2,3-cd]pyrene	3.09	U	10.0	3.09	ug/L		03/27/19 08:47	03/27/19 15:07	1
Isophorone	2.64	U	10.0	2.64	ug/L		03/27/19 08:47	03/27/19 15:07	1
2-Methylnaphthalene	2.58	U	10.0	2.58	ug/L		03/27/19 08:47	03/27/19 15:07	1
Naphthalene	2.20	U	10.0	2.20	ug/L		03/27/19 08:47	03/27/19 15:07	1
2-Nitroaniline	3.80	U	50.0	3.80	ug/L		03/27/19 08:47	03/27/19 15:07	1
3-Nitroaniline	1.85	U	50.0	1.85	ug/L		03/27/19 08:47	03/27/19 15:07	1
4-Nitroaniline	2.34	U	10.0	2.34	ug/L		03/27/19 08:47	03/27/19 15:07	1
Nitrobenzene	2.59	U	10.0	2.59	ug/L		03/27/19 08:47	03/27/19 15:07	1
N-Nitrosodiphenylamine	2.01	U	10.0	2.01	ug/L		03/27/19 08:47	03/27/19 15:07	1
N-Nitrosodi-n-propylamine	3.19	U	10.0	3.19	ug/L		03/27/19 08:47	03/27/19 15:07	1
Phenanthrene	2.507	J	10.0	2.24	ug/L		03/27/19 08:47	03/27/19 15:07	1
Pyrene	3.00	U	10.0	3.00	ug/L		03/27/19 08:47	03/27/19 15:07	1
4-Chloro-3-methylphenol	1.97	U	10.0	1.97	ug/L		03/27/19 08:47	03/27/19 15:07	1
2-Chlorophenol	2.19	U	10.0	2.19	ug/L		03/27/19 08:47	03/27/19 15:07	1
2-Methylphenol	1.42	U	10.0	1.42	ug/L		03/27/19 08:47	03/27/19 15:07	1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Lab Sample ID: MB 600-261273/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 261332 — **Prep Batch: 261273**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3 & 4 Methylphenol	1.35	U	20.0	1.35	ug/L		03/27/19 08:47	03/27/19 15:07	1
2,4-Dichlorophenol	2.16	U	10.0	2.16	ug/L		03/27/19 08:47	03/27/19 15:07	1
2,4-Dimethylphenol	1.94	U	10.0	1.94	ug/L		03/27/19 08:47	03/27/19 15:07	1
4,6-Dinitro-2-methylphenol	3.36	U	50.0	3.36	ug/L		03/27/19 08:47	03/27/19 15:07	1
2,4-Dinitrophenol	5.46	U	50.0	5.46	ug/L		03/27/19 08:47	03/27/19 15:07	1
2-Nitrophenol	2.10	U	10.0	2.10	ug/L		03/27/19 08:47	03/27/19 15:07	1
4-Nitrophenol	2.80	U	50.0	2.80	ug/L		03/27/19 08:47	03/27/19 15:07	1
Pentachlorophenol	3.15	U	50.0	3.15	ug/L		03/27/19 08:47	03/27/19 15:07	1
Phenol	1.25	U	10.0	1.25	ug/L		03/27/19 08:47	03/27/19 15:07	1
2,4,5-Trichlorophenol	4.20	U	10.0	4.20	ug/L		03/27/19 08:47	03/27/19 15:07	1
2,4,6-Trichlorophenol	3.32	U	10.0	3.32	ug/L		03/27/19 08:47	03/27/19 15:07	1
bis (2-Chloroisopropyl) ether	2.92	U	10.0	2.92	ug/L		03/27/19 08:47	03/27/19 15:07	1
1,1'-Biphenyl	2.68	U	10.0	2.68	ug/L		03/27/19 08:47	03/27/19 15:07	1
Acetophenone	2.42	U	10.0	2.42	ug/L		03/27/19 08:47	03/27/19 15:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*61*		*24 - 150*	*03/27/19 08:47*	*03/27/19 15:07*	*1*
2-Fluorophenol	*63*		*10 - 130*	*03/27/19 08:47*	*03/27/19 15:07*	*1*
2-Fluorobiphenyl	*60*		*38 - 133*	*03/27/19 08:47*	*03/27/19 15:07*	*1*
2,4,6-Tribromophenol	*43*		*19 - 150*	*03/27/19 08:47*	*03/27/19 15:07*	*1*
Terphenyl-d14	*72*		*35 - 150*	*03/27/19 08:47*	*03/27/19 15:07*	*1*
Phenol-d5 (Surr)	*43*		*10 - 130*	*03/27/19 08:47*	*03/27/19 15:07*	*1*

Lab Sample ID: LCS 600-261273/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 261332 — **Prep Batch: 261273**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	40.0	26.99		ug/L		67	42 - 130
Acenaphthylene	40.0	24.00		ug/L		60	41 - 130
Anthracene	40.0	26.37		ug/L		66	48 - 130
Benzo[a]anthracene	40.0	30.95		ug/L		77	47 - 130
Benzo[b]fluoranthene	40.0	24.37		ug/L		61	47 - 130
Benzo[k]fluoranthene	40.0	30.91		ug/L		77	44 - 131
Benzo[g,h,i]perylene	40.0	24.04		ug/L		60	42 - 138
Benzo[a]pyrene	40.0	29.58		ug/L		74	52 - 130
Bis(2-chloroethoxy)methane	40.0	27.15		ug/L		68	42 - 130
Bis(2-chloroethyl)ether	40.0	25.27		ug/L		63	35 - 130
Bis(2-ethylhexyl) phthalate	40.0	29.34		ug/L		73	34 - 139
4-Bromophenyl phenyl ether	40.0	25.76		ug/L		64	44 - 130
Butyl benzyl phthalate	40.0	28.90		ug/L		72	22 - 150
4-Chloroaniline	40.0	20.03		ug/L		50	19 - 130
2-Chloronaphthalene	40.0	24.44		ug/L		61	39 - 130
4-Chlorophenyl phenyl ether	40.0	26.63		ug/L		67	37 - 130
Carbazole	40.0	30.31		ug/L		76	49 - 130
Chrysene	40.0	28.81		ug/L		72	46 - 130
Di-n-butyl phthalate	40.0	23.74		ug/L		59	50 - 130

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Lab Sample ID: LCS 600-261273/2-A | **Client Sample ID: Lab Control Sample**
Matrix: Water | **Prep Type: Total/NA**
Analysis Batch: 261332 | **Prep Batch: 261273**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dibenz(a,h)anthracene	40.0	24.49		ug/L		61	46 - 132
Dibenzofuran	40.0	25.70		ug/L		64	42 - 130
3,3'-Dichlorobenzidine	40.0	34.91		ug/L		87	10 - 150
Diethyl phthalate	40.0	26.04		ug/L		65	42 - 130
Dimethyl phthalate	40.0	26.27		ug/L		66	43 - 130
2,4-Dinitrotoluene	40.0	27.95		ug/L		70	48 - 130
2,6-Dinitrotoluene	40.0	26.88		ug/L		67	43 - 130
Di-n-octyl phthalate	40.0	31.34		ug/L		78	40 - 132
Fluoranthene	40.0	25.93		ug/L		65	52 - 130
Fluorene	40.0	27.72		ug/L		69	39 - 130
Hexachlorobenzene	40.0	24.42		ug/L		61	45 - 130
Hexachlorocyclopentadiene	40.0	20.87		ug/L		52	14 - 130
Hexachloroethane	40.0	28.42		ug/L		71	37 - 130
Hexachlorobutadiene	40.0	33.12		ug/L		83	35 - 130
Indeno[1,2,3-cd]pyrene	40.0	24.60		ug/L		62	38 - 132
Isophorone	40.0	26.12		ug/L		65	39 - 130
2-Methylnaphthalene	40.0	35.12		ug/L		88	40 - 130
Naphthalene	40.0	28.34		ug/L		71	41 - 130
2-Nitroaniline	40.0	22.63	J	ug/L		57	39 - 130
3-Nitroaniline	40.0	17.62	J	ug/L		44	33 - 130
4-Nitroaniline	40.0	26.74		ug/L		67	37 - 130
Nitrobenzene	40.0	26.04		ug/L		65	44 - 130
N-Nitrosodiphenylamine	40.0	26.16		ug/L		65	30 - 134
N-Nitrosodi-n-propylamine	40.0	23.58		ug/L		59	37 - 130
Phenanthrene	40.0	25.95		ug/L		65	47 - 130
Pyrene	40.0	27.20		ug/L		68	41 - 130
4-Chloro-3-methylphenol	40.0	29.88		ug/L		75	43 - 130
2-Chlorophenol	40.0	27.64		ug/L		69	36 - 130
2-Methylphenol	40.0	26.11		ug/L		65	37 - 130
3 & 4 Methylphenol	40.0	25.53		ug/L		64	39 - 130
2,4-Dichlorophenol	40.0	30.58		ug/L		76	41 - 130
2,4-Dimethylphenol	40.0	28.63		ug/L		72	32 - 130
4,6-Dinitro-2-methylphenol	80.0	57.85		ug/L		72	49 - 130
2,4-Dinitrophenol	80.0	48.86	J	ug/L		61	34 - 130
2-Nitrophenol	40.0	31.51		ug/L		79	43 - 130
4-Nitrophenol	80.0	32.14	J	ug/L		40	10 - 133
Pentachlorophenol	80.0	49.48	J	ug/L		62	34 - 130
Phenol	40.0	15.27		ug/L		38	21 - 130
2,4,5-Trichlorophenol	40.0	23.98		ug/L		60	39 - 130
2,4,6-Trichlorophenol	40.0	23.62		ug/L		59	36 - 130
bis (2-Chloroisopropyl) ether	40.0	20.93		ug/L		52	29 - 130
1,1'-Biphenyl	40.0	25.53		ug/L		64	37 - 130
Acetophenone	40.0	28.94		ug/L		72	39 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Nitrobenzene-d5	*61*		*24 - 150*

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Lab Sample ID: LCS 600-261273/2-A
Matrix: Water
Analysis Batch: 261332

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 261273

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorophenol	*52*		*10 - 130*
2-Fluorobiphenyl	*61*		*38 - 133*
2,4,6-Tribromophenol	*48*		*19 - 150*
Terphenyl-d14	*67*		*35 - 150*
Phenol-d5 (Surr)	*36*		*10 - 130*

Lab Sample ID: LCSD 600-261273/3-A
Matrix: Water
Analysis Batch: 261332

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 261273

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene	40.0	26.62		ug/L		67	42 - 130	1	20
Acenaphthylene	40.0	24.45		ug/L		61	41 - 130	2	20
Anthracene	40.0	27.06		ug/L		68	48 - 130	3	20
Benzo[a]anthracene	40.0	31.75		ug/L		79	47 - 130	3	20
Benzo[b]fluoranthene	40.0	30.45	*	ug/L		76	47 - 130	22	20
Benzo[k]fluoranthene	40.0	34.68		ug/L		87	44 - 131	11	20
Benzo[g,h,i]perylene	40.0	24.41		ug/L		61	42 - 138	2	20
Benzo[a]pyrene	40.0	30.40		ug/L		76	52 - 130	3	20
Bis(2-chloroethoxy)methane	40.0	27.51		ug/L		69	42 - 130	1	20
Bis(2-chloroethyl)ether	40.0	27.41		ug/L		69	35 - 130	8	20
Bis(2-ethylhexyl) phthalate	40.0	30.05		ug/L		75	34 - 139	2	20
4-Bromophenyl phenyl ether	40.0	26.11		ug/L		65	44 - 130	1	20
Butyl benzyl phthalate	40.0	29.28		ug/L		73	22 - 150	1	20
4-Chloroaniline	40.0	20.18		ug/L		50	19 - 130	1	20
2-Chloronaphthalene	40.0	24.91		ug/L		62	39 - 130	2	20
4-Chlorophenyl phenyl ether	40.0	27.15		ug/L		68	37 - 130	2	20
Carbazole	40.0	30.65		ug/L		77	49 - 130	1	20
Chrysene	40.0	29.39		ug/L		73	46 - 130	2	20
Di-n-butyl phthalate	40.0	25.76		ug/L		64	50 - 130	8	20
Dibenz(a,h)anthracene	40.0	24.98		ug/L		62	46 - 132	2	20
Dibenzofuran	40.0	25.80		ug/L		64	42 - 130	0	20
3,3'-Dichlorobenzidine	40.0	32.71		ug/L		82	10 - 150	7	40
Diethyl phthalate	40.0	26.21		ug/L		66	42 - 130	1	20
Dimethyl phthalate	40.0	26.30		ug/L		66	43 - 130	0	20
2,4-Dinitrotoluene	40.0	28.16		ug/L		70	48 - 130	1	20
2,6-Dinitrotoluene	40.0	27.15		ug/L		68	43 - 130	1	20
Di-n-octyl phthalate	40.0	31.58		ug/L		79	40 - 132	1	20
Fluoranthene	40.0	27.40		ug/L		69	52 - 130	6	20
Fluorene	40.0	27.28		ug/L		68	39 - 130	2	20
Hexachlorobenzene	40.0	25.02		ug/L		63	45 - 130	2	20
Hexachlorocyclopentadiene	40.0	22.04		ug/L		55	14 - 130	5	20
Hexachloroethane	40.0	28.58		ug/L		71	37 - 130	1	20
Hexachlorobutadiene	40.0	35.16		ug/L		88	35 - 130	6	20
Indeno[1,2,3-cd]pyrene	40.0	25.76		ug/L		64	38 - 132	5	20
Isophorone	40.0	25.96		ug/L		65	39 - 130	1	20
2-Methylnaphthalene	40.0	35.35		ug/L		88	40 - 130	1	20

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Lab Sample ID: LCSD 600-261273/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 261332 — **Prep Batch: 261273**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Naphthalene	40.0	29.28		ug/L		73	41 - 130	3	20
2-Nitroaniline	40.0	22.24	J	ug/L		56	39 - 130	2	20
3-Nitroaniline	40.0	17.89	J	ug/L		45	33 - 130	2	20
4-Nitroaniline	40.0	22.57		ug/L		56	37 - 130	17	20
Nitrobenzene	40.0	26.74		ug/L		67	44 - 130	3	20
N-Nitrosodiphenylamine	40.0	26.13		ug/L		65	30 - 134	0	20
N-Nitrosodi-n-propylamine	40.0	23.50		ug/L		59	37 - 130	0	20
Phenanthrene	40.0	26.43		ug/L		66	47 - 130	2	20
Pyrene	40.0	26.70		ug/L		67	41 - 130	2	40
4-Chloro-3-methylphenol	40.0	30.56		ug/L		76	43 - 130	2	20
2-Chlorophenol	40.0	29.14		ug/L		73	36 - 130	5	20
2-Methylphenol	40.0	28.24		ug/L		71	37 - 130	8	20
3 & 4 Methylphenol	40.0	26.55		ug/L		66	39 - 130	4	20
2,4-Dichlorophenol	40.0	32.37		ug/L		81	41 - 130	6	20
2,4-Dimethylphenol	40.0	29.11		ug/L		73	32 - 130	2	20
4,6-Dinitro-2-methylphenol	80.0	59.40		ug/L		74	49 - 130	3	20
2,4-Dinitrophenol	80.0	50.99		ug/L		64	34 - 130	4	20
2-Nitrophenol	40.0	32.81		ug/L		82	43 - 130	4	20
4-Nitrophenol	80.0	33.42	J	ug/L		42	10 - 133	4	20
Pentachlorophenol	80.0	51.96		ug/L		65	34 - 130	5	20
Phenol	40.0	16.46		ug/L		41	21 - 130	7	20
2,4,5-Trichlorophenol	40.0	25.17		ug/L		63	39 - 130	5	20
2,4,6-Trichlorophenol	40.0	24.23		ug/L		61	36 - 130	3	20
bis (2-Chloroisopropyl) ether	40.0	20.94		ug/L		52	29 - 130	0	20
1,1'-Biphenyl	40.0	25.76		ug/L		64	37 - 130	1	20
Acetophenone	40.0	29.92		ug/L		75	39 - 130	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Nitrobenzene-d5	*65*		*24 - 150*
2-Fluorophenol	*63*		*10 - 130*
2-Fluorobiphenyl	*65*		*38 - 133*
2,4,6-Tribromophenol	*50*		*19 - 150*
Terphenyl-d14	*66*		*35 - 150*
Phenol-d5 (Surr)	*39*		*10 - 130*

Method: 1664A - HEM and SGT-HEM by Extraction and Gravimetry

Lab Sample ID: MB 600-261336/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 261337 — **Prep Batch: 261336**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil & Grease (HEM)	1.0	U	3.0	1.0	mg/L		03/27/19 14:00	03/27/19 14:02	1

Method: 1664A - HEM and SGT-HEM by Extraction and Gravimetry (Continued)

Lab Sample ID: LCS 600-261336/2-B — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 261337 — **Prep Batch: 261336**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Oil & Grease (HEM)	40.0	35.80		mg/L		90	78 - 114

Lab Sample ID: LCSD 600-261336/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 261337 — **Prep Batch: 261336**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Oil & Grease (HEM)	40.0	35.60		mg/L		89	78 - 114	1	11

Method: 8000 - Chemical Oxygen Demand (COD) Colorimetric

Lab Sample ID: MB 600-261343/3 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 261343

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chemical Oxygen Demand	2.46	U	10.0	2.46	mg/L			03/27/19 14:28	1

Lab Sample ID: LCS 600-261343/4 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 261343

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chemical Oxygen Demand	75.0	75.06		mg/L		100	90 - 110

QC Association Summary

Client: Weston Solutions, Inc.
Project/Site: Deer Park Water Samples

TestAmerica Job ID: 600-182558-1

GC/MS Semi VOA

Prep Batch: 261273

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-182558-1	ITC-BB-01-20190326-11	Total/NA	Water	3510C LVI	
600-182558-2	ITC-BB-02-20190326-11	Total/NA	Water	3510C LVI	
600-182558-3	ITC-BB-03-20190326-11	Total/NA	Water	3510C LVI	
MB 600-261273/1-A	Method Blank	Total/NA	Water	3510C LVI	
LCS 600-261273/2-A	Lab Control Sample	Total/NA	Water	3510C LVI	
LCSD 600-261273/3-A	Lab Control Sample Dup	Total/NA	Water	3510C LVI	

Analysis Batch: 261332

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-182558-1	ITC-BB-01-20190326-11	Total/NA	Water	8270C	261273
600-182558-2	ITC-BB-02-20190326-11	Total/NA	Water	8270C	261273
600-182558-3	ITC-BB-03-20190326-11	Total/NA	Water	8270C	261273
MB 600-261273/1-A	Method Blank	Total/NA	Water	8270C	261273
LCS 600-261273/2-A	Lab Control Sample	Total/NA	Water	8270C	261273
LCSD 600-261273/3-A	Lab Control Sample Dup	Total/NA	Water	8270C	261273

General Chemistry

Prep Batch: 261336

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-182558-1	ITC-BB-01-20190326-11	Total/NA	Water	1664A	
600-182558-2	ITC-BB-02-20190326-11	Total/NA	Water	1664A	
600-182558-3	ITC-BB-03-20190326-11	Total/NA	Water	1664A	
MB 600-261336/1-A	Method Blank	Total/NA	Water	1664A	
LCS 600-261336/2-B	Lab Control Sample	Total/NA	Water	1664A	
LCSD 600-261336/3-A	Lab Control Sample Dup	Total/NA	Water	1664A	

Analysis Batch: 261337

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-182558-1	ITC-BB-01-20190326-11	Total/NA	Water	1664A	261336
600-182558-2	ITC-BB-02-20190326-11	Total/NA	Water	1664A	261336
600-182558-3	ITC-BB-03-20190326-11	Total/NA	Water	1664A	261336
MB 600-261336/1-A	Method Blank	Total/NA	Water	1664A	261336
LCS 600-261336/2-B	Lab Control Sample	Total/NA	Water	1664A	261336
LCSD 600-261336/3-A	Lab Control Sample Dup	Total/NA	Water	1664A	261336

Analysis Batch: 261343

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
600-182558-1	ITC-BB-01-20190326-11	Total/NA	Water	8000	
600-182558-2	ITC-BB-02-20190326-11	Total/NA	Water	8000	
600-182558-3	ITC-BB-03-20190326-11	Total/NA	Water	8000	
MB 600-261343/3	Method Blank	Total/NA	Water	8000	
LCS 600-261343/4	Lab Control Sample	Total/NA	Water	8000	

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Deer Park Water Samples

TestAmerica Job ID: 600-182558-1

Client Sample ID: ITC-BB-01-20190326-11

Lab Sample ID: 600-182558-1

Date Collected: 03/26/19 09:56

Matrix: Water

Date Received: 03/27/19 06:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C LVI			250 mL	1.0 mL	261273	03/27/19 08:47	RLK	TAL HOU
Total/NA	Analysis	8270C		1			261332	03/27/19 17:50	PXS	TAL HOU
Total/NA	Prep	1664A			950 mL	1000 mL	261336	03/27/19 14:01	FNC	TAL HOU
Total/NA	Analysis	1664A		1	1000 mL	1000 mL	261337	03/27/19 14:02	FNC	TAL HOU
Total/NA	Analysis	8000		1	2 mL	2 mL	261343	03/27/19 14:28	DTN	TAL HOU

Client Sample ID: ITC-BB-02-20190326-11

Lab Sample ID: 600-182558-2

Date Collected: 03/26/19 10:10

Matrix: Water

Date Received: 03/27/19 06:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C LVI			240 mL	1.0 mL	261273	03/27/19 08:47	RLK	TAL HOU
Total/NA	Analysis	8270C		1			261332	03/27/19 18:13	PXS	TAL HOU
Total/NA	Prep	1664A			1000 mL	1000 mL	261336	03/27/19 14:01	FNC	TAL HOU
Total/NA	Analysis	1664A		1	1000 mL	1000 mL	261337	03/27/19 14:02	FNC	TAL HOU
Total/NA	Analysis	8000		1	2 mL	2 mL	261343	03/27/19 14:28	DTN	TAL HOU

Client Sample ID: ITC-BB-03-20190326-11

Lab Sample ID: 600-182558-3

Date Collected: 03/26/19 10:36

Matrix: Water

Date Received: 03/27/19 06:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C LVI			250 mL	1.0 mL	261273	03/27/19 08:47	RLK	TAL HOU
Total/NA	Analysis	8270C		1			261332	03/27/19 18:36	PXS	TAL HOU
Total/NA	Prep	1664A			1000 mL	1000 mL	261336	03/27/19 14:01	FNC	TAL HOU
Total/NA	Analysis	1664A		1	1000 mL	1000 mL	261337	03/27/19 14:02	FNC	TAL HOU
Total/NA	Analysis	8000		1	2 mL	2 mL	261343	03/27/19 14:31	DTN	TAL HOU

Laboratory References:

TAL HOU = TestAmerica Houston, 6310 Rothway Street, Houston, TX 77040, TEL (713)690-4444

Accreditation/Certification Summary

Client: Weston Solutions, Inc.
Project/Site: Deer Park Water Samples

TestAmerica Job ID: 600-182558-1

Laboratory: TestAmerica Houston

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
Texas	NELAP	6	T104704223-18-23	10-31-19

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8270C	3510C LVI	Water	1,1'-Biphenyl
8270C	3510C LVI	Water	3 & 4 Methylphenol

USEPA
DateShipped: 3/27/2019
CarrierName: START
AirbillNo: NA

CHAIN OF CUSTODY RECORD
ITC Tank Fire
Contact Name: Jeff Wright
Contact Phone: 225-278-8406

No: 6-032619-170237-0023
Cooler #: 23
Lab: TestAmerica - Houston
Lab Phone: 713-690-4444

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	Lab QC
	ITC-BB-01-20190326-11	BB-01	EPA 410.4 - Chemical Oxygen Demand	Surface Water	3/26/2019	09:56	1	500mL poly	6C H2SO4	N
	ITC-BB-01-20190326-11	BB-01	EPA 1664 - Oil and Grease	Surface Water	3/26/2019	09:56	2	1L Amber	6C HCL	N
	ITC-BB-01-20190326-11	BB-01	EPA 8270 - SVOCs	Surface Water	3/26/2019	09:56	2	250mL Amber	6C	N
	ITC-BB-02-20190326-11	BB-02	EPA 410.4 - Chemical Oxygen Demand	Surface Water	3/26/2019	10:10	1	500mL poly	6C H2SO4	N
	ITC-BB-02-20190326-11	BB-02	EPA 1664 - Oil and Grease	Surface Water	3/26/2019	10:10	2	1L Amber	6C HCL	N
	ITC-BB-02-20190326-11	BB-02	EPA 8270 - SVOCs	Surface Water	3/26/2019	10:10	2	250mL Amber	6C	N
	ITC-BB-03-20190326-11	BB-03	EPA 410.4 - Chemical Oxygen Demand	Surface Water	3/26/2019	10:36	1	500mL poly	6C H2SO4	N
	ITC-BB-03-20190326-11	BB-03	EPA 1664 - Oil and Grease	Surface Water	3/26/2019	10:36	2	1L Amber	6C HCL	N
	ITC-BB-03-20190326-11	BB-03	EPA 8270 - SVOCs	Surface Water	3/26/2019	10:36	2	250mL Amber	6C	N

Special Instructions: Fastest Available TAT

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
Samples Analysis	D [illegible] Weston	03/27/19 0615	[illegible]	3/27 0615	

600-182558 Chain of Custody

TestAmerica Houston

Loc: 600
182558

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Sample Receipt Checklist

Date/Time Received: '19 MAR 27 6:15

JOB NUMBER: _____

CLIENT: WESTON-USEPA

UNPACKED BY: [illegible]

CARRIER/DRIVER: Client

Custody Seal Present: ☒ YES ☐ NO

Number of Coolers Received: 1

Cooler ID	Temp Blank	Trip Blank	Observed Temp (°C)	Therm ID	Them CF	Corrected Temp (°C)
GN	Y / N	Y / N	0.3	078	+0.1	0.4
	Y / N	Y / N				
	Y / N	Y / N				
	Y / N	Y / N				
	Y / N	Y / N				
	Y / N	Y / N				
	Y / N	Y / N				
	Y / N	Y / N				
	Y / N	Y / N				

CF = correction factor

[illegible] 3/27/19

Samples received on ice? ☒ YES ☐ NO

LABORATORY PRESERVATION OF SAMPLES REQUIRED: ☐ NO ☐ YES

Base samples are>pH 12: ☐ YES ☐ NO Acid preserved are<pH 2: ☐ YES ☐ NO

pH paper Lot #_____

VOA headspace acceptable (5-6mm): ☐ YES ☐ NO ☒ NA

	YES	NO
Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X	

COMMENTS:

[illegible] 3/27/19

Login Sample Receipt Checklist

Client: Weston Solutions, Inc.

Job Number: 600-182558-1

Login Number: 182558

List Source: TestAmerica Houston

List Number: 1

Creator: Taylor, Jaquelyn R

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.4
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	Check done at department level as required.