ANALYSIS REPORT

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

Weston Solutions
13702 Coursey Blvd
Bldg #7, STE A
Baton Rouge LA 70817

Report Date: August 19, 2017

Project: Pawhuska HS ER

Account #: 19740
Group Number: 1839607
SDG: PAW01
PO Number: PAWHUSKA HS ER
State of Sample Origin: OK

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Electronic Copy To Weston Solutions Attn: Jeff Wright

Respectfully Submitted,

Ana Spencer
Project Manager

(281) 967-8096

SAMPLE INFORMATION

Client Sample Description	Collection Information	ELLE#
PHS-S003-20170817-01 Grab Air	08/17/2017 06:01 - 08/17/2017 14:14	9163814
PHS-S007-20170817-01 Grab Air	08/17/2017 05:46 - 08/17/2017 14:03	9163815
PHS-S006-20170817-01 Grab Air	08/17/2017 05:56 - 08/17/2017 14:08	9163816
PHS-S004-20170817-01 Grab Air	08/17/2017 06:09 - 08/17/2017 14:11	9163817
PHS-S008-20170817-02 Grab Air	08/17/2017 05:52 - 08/17/2017 14:05	9163818
PHS-S001-20170817-01 Grab Air	08/17/2017 05:54 - 08/17/2017 14:07	9163819
PHS-S002-20170817-01 Grab Air	08/17/2017 05:58 - 08/17/2017 14:09	9163820
PHS-S005-20170817-01 Grab Air	08/17/2017 06:07 - 08/17/2017 14:10	9163821
PHS-S008-20170817-01 Grab Air	08/17/2017 05:52 - 08/17/2017 14:05	9163822
PHS-S009-20170817-01 Grab Air	08/17/2017 06:04 - 08/17/2017 14:15	9163823

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

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Analysis Report

Sample Description: PHS-S003-20170817-01 Grab Air
Pawhuska Public Schools

ELLE Sample # AQ 9163814
ELLE Group # 1839607
Account # 19740

Project Name: Pawhuska HS ER

Collected: 08/17/2017 06:01 by SG
through 08/17/2017 14:14
Submitted: 08/18/2017 08:00
Reported: 08/19/2017 18:22

Weston Solutions
13702 Coursey Blvd
Bldg #7, STE A
Baton Rouge LA 70817

---03 SDG#: PAW01-01

CAT No.	Analysis Name	CAS Number	Final Result		MDL	Final Result		MDL	DF
Volatiles in Air	**EPA 18 mod/EPA 25 mod**		ug/m3		ug/m3	ppb(v)		ppb(v)	
07090	Butane	106-97-8	N.D.		1,000	N.D.		600	2
07090	Ethane	74-84-0	N.D.		1,000	N.D.		1,000	2
07090	Methane	74-82-8	N.D.		3,000	N.D.		4,000	2
07090	Pentane	109-66-0	N.D.		2,000	N.D.		600	2
07090	Propane	74-98-6	N.D.		1,000	N.D.		600	2
Volatiles in Air	**EPA TO-15**		ug/m3		ug/m3	ppb(v)		ppb(v)	
05298	Acetone	67-64-1	15		1.2	6.5		0.50	1
05298	Benzene	71-43-2	N.D.		0.64	N.D.		0.20	1
05298	Bromobenzene	108-86-1	N.D.		1.3	N.D.		0.20	1
05298	Bromodichloromethane	75-27-4	N.D.		1.3	N.D.		0.20	1
05298	Bromoform	75-25-2	N.D.		2.1	N.D.		0.20	1
05298	Bromomethane	74-83-9	N.D.		0.78	N.D.		0.20	1
05298	1,3-Butadiene	106-99-0	N.D.		0.88	N.D.		0.40	1
05298	2-Butanone	78-93-3	2.2	J	1.5	0.76	J	0.50	1
05298	Carbon Disulfide	75-15-0	N.D.		1.6	N.D.		0.50	1
05298	Carbon Tetrachloride	56-23-5	N.D.		1.3	N.D.		0.20	1
05298	Chlorobenzene	108-90-7	N.D.		0.92	N.D.		0.20	1
05298	Chlorodifluoromethane	75-45-6	N.D.		0.71	N.D.		0.20	1
05298	Chloroethane	75-00-3	N.D.		0.53	N.D.		0.20	1
05298	Chloroform	67-66-3	N.D.		0.98	N.D.		0.20	1
05298	Chloromethane	74-87-3	N.D.		0.41	N.D.		0.20	1
05298	3-Chloropropene	107-05-1	N.D.		0.63	N.D.		0.20	1
05298	Cumene	98-82-8	N.D.		0.98	N.D.		0.20	1
05298	Dibromochloromethane	124-48-1	N.D.		1.7	N.D.		0.20	1
05298	1,2-Dibromoethane	106-93-4	N.D.		1.5	N.D.		0.20	1
05298	Dibromomethane	74-95-3	N.D.		1.4	N.D.		0.20	1
05298	1,2-Dichlorobenzene	95-50-1	N.D.		1.2	N.D.		0.20	1
05298	1,3-Dichlorobenzene	541-73-1	N.D.		1.2	N.D.		0.20	1
05298	1,4-Dichlorobenzene	106-46-7	N.D.		1.2	N.D.		0.20	1
05298	Dichlorodifluoromethane	75-71-8	2.9	J	0.99	0.59	J	0.20	1
05298	1,1-Dichloroethane	75-34-3	N.D.		0.81	N.D.		0.20	1
05298	1,2-Dichloroethane	107-06-2	N.D.		0.81	N.D.		0.20	1
05298	1,1-Dichloroethene	75-35-4	N.D.		0.79	N.D.		0.20	1
05298	cis-1,2-Dichloroethene	156-59-2	N.D.		0.79	N.D.		0.20	1
05298	trans-1,2-Dichloroethene	156-60-5	2.4	J	0.79	0.60	J	0.20	1
05298	Dichlorofluoromethane	75-43-4	N.D.		0.84	N.D.		0.20	1
05298	1,2-Dichloropropane	78-87-5	N.D.		0.92	N.D.		0.20	1
05298	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.91	N.D.		0.20	1
05298	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.91	N.D.		0.20	1
05298	Ethylbenzene	100-41-4	N.D.		0.87	N.D.		0.20	1
05298	4-Ethyltoluene	622-96-8	N.D.		0.98	N.D.		0.20	1
05298	Freon 113	76-13-1	N.D.		3.8	N.D.		0.50	1
05298	Freon 114	76-14-2	N.D.		1.4	N.D.		0.20	1
05298	Heptane	142-82-5	2.2	J	0.82	0.53	J	0.20	1
05298	Hexachloroethane	67-72-1	N.D.		1.9	N.D.		0.20	1
05298	Hexane	110-54-3	2.8	J	0.70	0.80	J	0.20	1
05298	2-Hexanone	591-78-6	N.D.		2.0	N.D.		0.50	1
05298	Isooctane	540-84-1	N.D.		0.93	N.D.		0.20	1

Sample Description: PHS-S003-20170817-01 Grab Air
Pawhuska Public Schools

ELLE Sample # AQ 9163814
ELLE Group # 1839607
Account # 19740

Project Name: Pawhuska HS ER

Collected: 08/17/2017 06:01 by SG
through 08/17/2017 14:14
Submitted: 08/18/2017 08:00
Reported: 08/19/2017 18:22

Weston Solutions
13702 Coursey Blvd
Bldg #7, STE A
Baton Rouge LA 70817

---03 SDG#: PAW01-01

CAT No.	Analysis Name	CAS Number	Final Result	MDL	Final Result	MDL	DF
Volatiles in Air	**EPA TO-15**		ug/m3	ug/m3	ppb(v)	ppb(v)	
05298	Methyl t-Butyl Ether	1634-04-4	N.D.	0.72	N.D.	0.20	1
05298	4-Methyl-2-pentanone	108-10-1	N.D.	2.0	N.D.	0.50	1
05298	Methylene Chloride	75-09-2	N.D.	0.69	N.D.	0.20	1
05298	Octane	111-65-9	N.D.	0.93	N.D.	0.20	1
05298	Pentane	109-66-0	18	0.59	6.1	0.20	1
05298	Styrene	100-42-5	N.D.	0.85	N.D.	0.20	1
05298	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.4	N.D.	0.20	1
05298	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.4	N.D.	0.20	1
05298	Tetrachloroethene	127-18-4	N.D.	1.4	N.D.	0.20	1
05298	Toluene	108-88-3	2.5 J	0.75	0.65 J	0.20	1
05298	1,1,1-Trichloroethane	71-55-6	N.D.	1.1	N.D.	0.20	1
05298	1,1,2-Trichloroethane	79-00-5	N.D.	1.1	N.D.	0.20	1
05298	Trichloroethene	79-01-6	N.D.	1.1	N.D.	0.20	1
05298	Trichlorofluoromethane	75-69-4	15	1.1	2.7	0.20	1
05298	1,2,3-Trichloropropane	96-18-4	N.D.	1.2	N.D.	0.20	1
05298	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.98	N.D.	0.20	1
05298	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.98	N.D.	0.20	1
05298	Vinyl Chloride	75-01-4	N.D.	0.51	N.D.	0.20	1
05298	m/p-Xylene	179601-23-1	N.D.	0.87	N.D.	0.20	1
05298	o-Xylene	95-47-6	N.D.	0.87	N.D.	0.20	1

MDL = Method Detection Limit

Sample Comments

State of Texas Lab Certification No. T104704194-15-20

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07090	Methane/Ethane/Propane/Butane/Pentane	EPA 18 mod/EPA 25 mod	1	M1723030AA	08/18/2017 15:26	Alexander D Sechrist	2
05298	TO 15 VOA Ext. List	EPA TO-15	1	E1723030AA	08/18/2017 16:46	Jacob E Bailey	1

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Analysis Report

Sample Description: PHS-S007-20170817-01 Grab Air
Pawhuska Public Schools

ELLE Sample # AQ 9163815
ELLE Group # 1839607
Account # 19740

Project Name: Pawhuska HS ER

Collected: 08/17/2017 05:46 by SG
through 08/17/2017 14:03
Submitted: 08/18/2017 08:00
Reported: 08/19/2017 18:22

Weston Solutions
13702 Coursey Blvd
Bldg #7, STE A
Baton Rouge LA 70817

---07 SDG#: PAW01-02

CAT No.	Analysis Name	CAS Number	Final Result		MDL	Final Result		MDL	DF
Volatiles in Air	**EPA 18 mod/EPA 25 mod**		ug/m3		ug/m3	ppb(v)		ppb(v)	
07090	Butane	106-97-8	N.D.		1,000	N.D.		600	2
07090	Ethane	74-84-0	N.D.		1,000	N.D.		1,000	2
07090	Methane	74-82-8	N.D.		3,000	N.D.		4,000	2
07090	Pentane	109-66-0	N.D.		2,000	N.D.		600	2
07090	Propane	74-98-6	N.D.		1,000	N.D.		600	2
Volatiles in Air	**EPA TO-15**		ug/m3		ug/m3	ppb(v)		ppb(v)	
05298	Acetone	67-64-1	10		1.2	4.3		0.50	1
05298	Benzene	71-43-2	N.D.		0.64	N.D.		0.20	1
05298	Bromobenzene	108-86-1	N.D.		1.3	N.D.		0.20	1
05298	Bromodichloromethane	75-27-4	N.D.		1.3	N.D.		0.20	1
05298	Bromoform	75-25-2	N.D.		2.1	N.D.		0.20	1
05298	Bromomethane	74-83-9	N.D.		0.78	N.D.		0.20	1
05298	1,3-Butadiene	106-99-0	N.D.		0.88	N.D.		0.40	1
05298	2-Butanone	78-93-3	2.0	J	1.5	0.68	J	0.50	1
05298	Carbon Disulfide	75-15-0	N.D.		1.6	N.D.		0.50	1
05298	Carbon Tetrachloride	56-23-5	N.D.		1.3	N.D.		0.20	1
05298	Chlorobenzene	108-90-7	N.D.		0.92	N.D.		0.20	1
05298	Chlorodifluoromethane	75-45-6	N.D.		0.71	N.D.		0.20	1
05298	Chloroethane	75-00-3	N.D.		0.53	N.D.		0.20	1
05298	Chloroform	67-66-3	N.D.		0.98	N.D.		0.20	1
05298	Chloromethane	74-87-3	N.D.		0.41	N.D.		0.20	1
05298	3-Chloropropene	107-05-1	N.D.		0.63	N.D.		0.20	1
05298	Cumene	98-82-8	N.D.		0.98	N.D.		0.20	1
05298	Dibromochloromethane	124-48-1	N.D.		1.7	N.D.		0.20	1
05298	1,2-Dibromoethane	106-93-4	N.D.		1.5	N.D.		0.20	1
05298	Dibromomethane	74-95-3	N.D.		1.4	N.D.		0.20	1
05298	1,2-Dichlorobenzene	95-50-1	N.D.		1.2	N.D.		0.20	1
05298	1,3-Dichlorobenzene	541-73-1	N.D.		1.2	N.D.		0.20	1
05298	1,4-Dichlorobenzene	106-46-7	N.D.		1.2	N.D.		0.20	1
05298	Dichlorodifluoromethane	75-71-8	2.9	J	0.99	0.58	J	0.20	1
05298	1,1-Dichloroethane	75-34-3	N.D.		0.81	N.D.		0.20	1
05298	1,2-Dichloroethane	107-06-2	N.D.		0.81	N.D.		0.20	1
05298	1,1-Dichloroethene	75-35-4	N.D.		0.79	N.D.		0.20	1
05298	cis-1,2-Dichloroethene	156-59-2	N.D.		0.79	N.D.		0.20	1
05298	trans-1,2-Dichloroethene	156-60-5	N.D.		0.79	N.D.		0.20	1
05298	Dichlorofluoromethane	75-43-4	N.D.		0.84	N.D.		0.20	1
05298	1,2-Dichloropropane	78-87-5	N.D.		0.92	N.D.		0.20	1
05298	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.91	N.D.		0.20	1
05298	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.91	N.D.		0.20	1
05298	Ethylbenzene	100-41-4	N.D.		0.87	N.D.		0.20	1
05298	4-Ethyltoluene	622-96-8	N.D.		0.98	N.D.		0.20	1
05298	Freon 113	76-13-1	N.D.		3.8	N.D.		0.50	1
05298	Freon 114	76-14-2	N.D.		1.4	N.D.		0.20	1
05298	Heptane	142-82-5	1.5	J	0.82	0.38	J	0.20	1
05298	Hexachloroethane	67-72-1	N.D.		1.9	N.D.		0.20	1
05298	Hexane	110-54-3	2.5	J	0.70	0.70	J	0.20	1
05298	2-Hexanone	591-78-6	N.D.		2.0	N.D.		0.50	1
05298	Isooctane	540-84-1	N.D.		0.93	N.D.		0.20	1

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Analysis Report

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Sample Description: PHS-S007-20170817-01 Grab Air
Pawhuska Public Schools

ELLE Sample # AQ 9163815
ELLE Group # 1839607
Account # 19740

Project Name: Pawhuska HS ER

Collected: 08/17/2017 05:46 by SG
through 08/17/2017 14:03
Submitted: 08/18/2017 08:00
Reported: 08/19/2017 18:22

Weston Solutions
13702 Coursey Blvd
Bldg #7, STE A
Baton Rouge LA 70817

---07 SDG#: PAW01-02

CAT No.	Analysis Name	CAS Number	Final Result	MDL	Final Result	MDL	DF
Volatiles in Air	**EPA TO-15**		ug/m3	ug/m3	ppb(v)	ppb(v)	
05298	Methyl t-Butyl Ether	1634-04-4	N.D.	0.72	N.D.	0.20	1
05298	4-Methyl-2-pentanone	108-10-1	N.D.	2.0	N.D.	0.50	1
05298	Methylene Chloride	75-09-2	N.D.	0.69	N.D.	0.20	1
05298	Octane	111-65-9	N.D.	0.93	N.D.	0.20	1
05298	Pentane	109-66-0	5.8	0.59	2.0	0.20	1
05298	Styrene	100-42-5	N.D.	0.85	N.D.	0.20	1
05298	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.4	N.D.	0.20	1
05298	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.4	N.D.	0.20	1
05298	Tetrachloroethene	127-18-4	N.D.	1.4	N.D.	0.20	1
05298	Toluene	108-88-3	0.99 J	0.75	0.26 J	0.20	1
05298	1,1,1-Trichloroethane	71-55-6	N.D.	1.1	N.D.	0.20	1
05298	1,1,2-Trichloroethane	79-00-5	N.D.	1.1	N.D.	0.20	1
05298	Trichloroethene	79-01-6	N.D.	1.1	N.D.	0.20	1
05298	Trichlorofluoromethane	75-69-4	1.6 J	1.1	0.28 J	0.20	1
05298	1,2,3-Trichloropropane	96-18-4	N.D.	1.2	N.D.	0.20	1
05298	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.98	N.D.	0.20	1
05298	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.98	N.D.	0.20	1
05298	Vinyl Chloride	75-01-4	N.D.	0.51	N.D.	0.20	1
05298	m/p-Xylene	179601-23-1	0.92 J	0.87	0.21 J	0.20	1
05298	o-Xylene	95-47-6	N.D.	0.87	N.D.	0.20	1

MDL = Method Detection Limit

Sample Comments

State of Texas Lab Certification No. T104704194-15-20

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07090	Methane/Ethane/Propane/Butane/Pentane	EPA 18 mod/EPA 25 mod	1	M1723030AA	08/18/2017 15:54	Alexander D Sechrist	2
05298	TO 15 VOA Ext. List	EPA TO-15	1	E1723030AA	08/18/2017 17:39	Jacob E Bailey	1

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Analysis Report

Sample Description: PHS-S006-20170817-01 Grab Air
Pawhuska Public Schools

ELLE Sample # AQ 9163816
ELLE Group # 1839607
Account # 19740

Project Name: Pawhuska HS ER

Collected: 08/17/2017 05:56 by SG
through 08/17/2017 14:08
Submitted: 08/18/2017 08:00
Reported: 08/19/2017 18:22

Weston Solutions
13702 Coursey Blvd
Bldg #7, STE A
Baton Rouge LA 70817

---06 SDG#: PAW01-03

CAT No.	Analysis Name	CAS Number	Final Result		MDL	Final Result		MDL	DF
Volatiles in Air	**EPA 18 mod/EPA 25 mod**		ug/m3		ug/m3	ppb(v)		ppb(v)	
07090	Butane	106-97-8	N.D.		1,000	N.D.		600	2
07090	Ethane	74-84-0	N.D.		1,000	N.D.		1,000	2
07090	Methane	74-82-8	N.D.		3,000	N.D.		4,000	2
07090	Pentane	109-66-0	N.D.		2,000	N.D.		600	2
07090	Propane	74-98-6	N.D.		1,000	N.D.		600	2
Volatiles in Air	**EPA TO-15**		ug/m3		ug/m3	ppb(v)		ppb(v)	
05298	Acetone	67-64-1	16		1.2	6.9		0.50	1
05298	Benzene	71-43-2	N.D.		0.64	N.D.		0.20	1
05298	Bromobenzene	108-86-1	N.D.		1.3	N.D.		0.20	1
05298	Bromodichloromethane	75-27-4	N.D.		1.3	N.D.		0.20	1
05298	Bromoform	75-25-2	N.D.		2.1	N.D.		0.20	1
05298	Bromomethane	74-83-9	N.D.		0.78	N.D.		0.20	1
05298	1,3-Butadiene	106-99-0	N.D.		0.88	N.D.		0.40	1
05298	2-Butanone	78-93-3	3.1	J	1.5	1.1	J	0.50	1
05298	Carbon Disulfide	75-15-0	N.D.		1.6	N.D.		0.50	1
05298	Carbon Tetrachloride	56-23-5	N.D.		1.3	N.D.		0.20	1
05298	Chlorobenzene	108-90-7	N.D.		0.92	N.D.		0.20	1
05298	Chlorodifluoromethane	75-45-6	N.D.		0.71	N.D.		0.20	1
05298	Chloroethane	75-00-3	N.D.		0.53	N.D.		0.20	1
05298	Chloroform	67-66-3	N.D.		0.98	N.D.		0.20	1
05298	Chloromethane	74-87-3	N.D.		0.41	N.D.		0.20	1
05298	3-Chloropropene	107-05-1	N.D.		0.63	N.D.		0.20	1
05298	Cumene	98-82-8	N.D.		0.98	N.D.		0.20	1
05298	Dibromochloromethane	124-48-1	N.D.		1.7	N.D.		0.20	1
05298	1,2-Dibromoethane	106-93-4	N.D.		1.5	N.D.		0.20	1
05298	Dibromomethane	74-95-3	N.D.		1.4	N.D.		0.20	1
05298	1,2-Dichlorobenzene	95-50-1	N.D.		1.2	N.D.		0.20	1
05298	1,3-Dichlorobenzene	541-73-1	N.D.		1.2	N.D.		0.20	1
05298	1,4-Dichlorobenzene	106-46-7	N.D.		1.2	N.D.		0.20	1
05298	Dichlorodifluoromethane	75-71-8	2.7	J	0.99	0.55	J	0.20	1
05298	1,1-Dichloroethane	75-34-3	N.D.		0.81	N.D.		0.20	1
05298	1,2-Dichloroethane	107-06-2	N.D.		0.81	N.D.		0.20	1
05298	1,1-Dichloroethene	75-35-4	N.D.		0.79	N.D.		0.20	1
05298	cis-1,2-Dichloroethene	156-59-2	N.D.		0.79	N.D.		0.20	1
05298	trans-1,2-Dichloroethene	156-60-5	N.D.		0.79	N.D.		0.20	1
05298	Dichlorofluoromethane	75-43-4	N.D.		0.84	N.D.		0.20	1
05298	1,2-Dichloropropane	78-87-5	N.D.		0.92	N.D.		0.20	1
05298	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.91	N.D.		0.20	1
05298	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.91	N.D.		0.20	1
05298	Ethylbenzene	100-41-4	N.D.		0.87	N.D.		0.20	1
05298	4-Ethyltoluene	622-96-8	N.D.		0.98	N.D.		0.20	1
05298	Freon 113	76-13-1	N.D.		3.8	N.D.		0.50	1
05298	Freon 114	76-14-2	N.D.		1.4	N.D.		0.20	1
05298	Heptane	142-82-5	1.3	J	0.82	0.32	J	0.20	1
05298	Hexachloroethane	67-72-1	N.D.		1.9	N.D.		0.20	1
05298	Hexane	110-54-3	2.9	J	0.70	0.84	J	0.20	1
05298	2-Hexanone	591-78-6	N.D.		2.0	N.D.		0.50	1
05298	Isooctane	540-84-1	N.D.		0.93	N.D.		0.20	1

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Analysis Report

Sample Description: PHS-S006-20170817-01 Grab Air
Pawhuska Public Schools

ELLE Sample # AQ 9163816
ELLE Group # 1839607
Account # 19740

Project Name: Pawhuska HS ER

Collected: 08/17/2017 05:56 by SG
through 08/17/2017 14:08
Submitted: 08/18/2017 08:00
Reported: 08/19/2017 18:22

Weston Solutions
13702 Coursey Blvd
Bldg #7, STE A
Baton Rouge LA 70817

---06 SDG#: PAW01-03

CAT No.	Analysis Name	CAS Number	Final Result		MDL	Final Result		MDL	DF
Volatiles in Air EPA TO-15			ug/m3		ug/m3	ppb(v)		ppb(v)	
05298	Methyl t-Butyl Ether	1634-04-4	N.D.		0.72	N.D.		0.20	1
05298	4-Methyl-2-pentanone	108-10-1	N.D.		2.0	N.D.		0.50	1
05298	Methylene Chloride	75-09-2	N.D.		0.69	N.D.		0.20	1
05298	Octane	111-65-9	N.D.		0.93	N.D.		0.20	1
05298	Pentane	109-66-0	9.6		0.59	3.3		0.20	1
05298	Styrene	100-42-5	N.D.		0.85	N.D.		0.20	1
05298	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		1.4	N.D.		0.20	1
05298	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.4	N.D.		0.20	1
05298	Tetrachloroethene	127-18-4	N.D.		1.4	N.D.		0.20	1
05298	Toluene	108-88-3	1.0	J	0.75	0.27	J	0.20	1
05298	1,1,1-Trichloroethane	71-55-6	N.D.		1.1	N.D.		0.20	1
05298	1,1,2-Trichloroethane	79-00-5	N.D.		1.1	N.D.		0.20	1
05298	Trichloroethene	79-01-6	N.D.		1.1	N.D.		0.20	1
05298	Trichlorofluoromethane	75-69-4	2.6	J	1.1	0.46	J	0.20	1
05298	1,2,3-Trichloropropane	96-18-4	N.D.		1.2	N.D.		0.20	1
05298	1,2,4-Trimethylbenzene	95-63-6	N.D.		0.98	N.D.		0.20	1
05298	1,3,5-Trimethylbenzene	108-67-8	N.D.		0.98	N.D.		0.20	1
05298	Vinyl Chloride	75-01-4	N.D.		0.51	N.D.		0.20	1
05298	m/p-Xylene	179601-23-1	N.D.		0.87	N.D.		0.20	1
05298	o-Xylene	95-47-6	N.D.		0.87	N.D.		0.20	1

MDL = Method Detection Limit

Sample Comments

State of Texas Lab Certification No. T104704194-15-20

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07090	Methane/Ethane/Propane/Butane/Pentane	EPA 18 mod/EPA 25 mod	1	M1723030AA	08/18/2017 16:24	Alexander D Sechrist	2
05298	TO 15 VOA Ext. List	EPA TO-15	1	E1723030AA	08/18/2017 18:22	Jacob E Bailey	1

Sample Description: PHS-S004-20170817-01 Grab Air
Pawhuska Public Schools

ELLE Sample # AQ 9163817
ELLE Group # 1839607
Account # 19740

Project Name: Pawhuska HS ER

Collected: 08/17/2017 06:09 by SG
through 08/17/2017 14:11
Submitted: 08/18/2017 08:00
Reported: 08/19/2017 18:22

Weston Solutions
13702 Coursey Blvd
Bldg #7, STE A
Baton Rouge LA 70817

---04 SDG#: PAW01-04

CAT No.	Analysis Name	CAS Number	Final Result		MDL	Final Result		MDL	DF
Volatiles in Air	**EPA 18 mod/EPA 25 mod**		ug/m3		ug/m3	ppb(v)		ppb(v)	
07090	Butane	106-97-8	N.D.		1,000	N.D.		600	2
07090	Ethane	74-84-0	N.D.		1,000	N.D.		1,000	2
07090	Methane	74-82-8	N.D.		3,000	N.D.		4,000	2
07090	Pentane	109-66-0	N.D.		2,000	N.D.		600	2
07090	Propane	74-98-6	N.D.		1,000	N.D.		600	2
Volatiles in Air	**EPA TO-15**		ug/m3		ug/m3	ppb(v)		ppb(v)	
05298	Acetone	67-64-1	16		1.2	6.6		0.50	1
05298	Benzene	71-43-2	N.D.		0.64	N.D.		0.20	1
05298	Bromobenzene	108-86-1	N.D.		1.3	N.D.		0.20	1
05298	Bromodichloromethane	75-27-4	N.D.		1.3	N.D.		0.20	1
05298	Bromoform	75-25-2	N.D.		2.1	N.D.		0.20	1
05298	Bromomethane	74-83-9	N.D.		0.78	N.D.		0.20	1
05298	1,3-Butadiene	106-99-0	N.D.		0.88	N.D.		0.40	1
05298	2-Butanone	78-93-3	2.7	J	1.5	0.91	J	0.50	1
05298	Carbon Disulfide	75-15-0	N.D.		1.6	N.D.		0.50	1
05298	Carbon Tetrachloride	56-23-5	N.D.		1.3	N.D.		0.20	1
05298	Chlorobenzene	108-90-7	N.D.		0.92	N.D.		0.20	1
05298	Chlorodifluoromethane	75-45-6	N.D.		0.71	N.D.		0.20	1
05298	Chloroethane	75-00-3	N.D.		0.53	N.D.		0.20	1
05298	Chloroform	67-66-3	N.D.		0.98	N.D.		0.20	1
05298	Chloromethane	74-87-3	N.D.		0.41	N.D.		0.20	1
05298	3-Chloropropene	107-05-1	N.D.		0.63	N.D.		0.20	1
05298	Cumene	98-82-8	N.D.		0.98	N.D.		0.20	1
05298	Dibromochloromethane	124-48-1	N.D.		1.7	N.D.		0.20	1
05298	1,2-Dibromoethane	106-93-4	N.D.		1.5	N.D.		0.20	1
05298	Dibromomethane	74-95-3	N.D.		1.4	N.D.		0.20	1
05298	1,2-Dichlorobenzene	95-50-1	N.D.		1.2	N.D.		0.20	1
05298	1,3-Dichlorobenzene	541-73-1	N.D.		1.2	N.D.		0.20	1
05298	1,4-Dichlorobenzene	106-46-7	N.D.		1.2	N.D.		0.20	1
05298	Dichlorodifluoromethane	75-71-8	2.9	J	0.99	0.59	J	0.20	1
05298	1,1-Dichloroethane	75-34-3	N.D.		0.81	N.D.		0.20	1
05298	1,2-Dichloroethane	107-06-2	N.D.		0.81	N.D.		0.20	1
05298	1,1-Dichloroethene	75-35-4	N.D.		0.79	N.D.		0.20	1
05298	cis-1,2-Dichloroethene	156-59-2	N.D.		0.79	N.D.		0.20	1
05298	trans-1,2-Dichloroethene	156-60-5	2.1	J	0.79	0.53	J	0.20	1
05298	Dichlorofluoromethane	75-43-4	N.D.		0.84	N.D.		0.20	1
05298	1,2-Dichloropropane	78-87-5	N.D.		0.92	N.D.		0.20	1
05298	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.91	N.D.		0.20	1
05298	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.91	N.D.		0.20	1
05298	Ethylbenzene	100-41-4	N.D.		0.87	N.D.		0.20	1
05298	4-Ethyltoluene	622-96-8	N.D.		0.98	N.D.		0.20	1
05298	Freon 113	76-13-1	N.D.		3.8	N.D.		0.50	1
05298	Freon 114	76-14-2	N.D.		1.4	N.D.		0.20	1
05298	Heptane	142-82-5	2.1	J	0.82	0.51	J	0.20	1
05298	Hexachloroethane	67-72-1	N.D.		1.9	N.D.		0.20	1
05298	Hexane	110-54-3	3.1	J	0.70	0.87	J	0.20	1
05298	2-Hexanone	591-78-6	N.D.		2.0	N.D.		0.50	1
05298	Isooctane	540-84-1	N.D.		0.93	N.D.		0.20	1

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Analysis Report

Sample Description: PHS-S004-20170817-01 Grab Air
Pawhuska Public Schools

ELLE Sample # AQ 9163817
ELLE Group # 1839607
Account # 19740

Project Name: Pawhuska HS ER

Collected: 08/17/2017 06:09 by SG
through 08/17/2017 14:11
Submitted: 08/18/2017 08:00
Reported: 08/19/2017 18:22

Weston Solutions
13702 Coursey Blvd
Bldg #7, STE A
Baton Rouge LA 70817

---04 SDG#: PAW01-04

CAT No.	Analysis Name	CAS Number	Final Result		MDL	Final Result		MDL	DF
Volatiles in Air EPA TO-15			ug/m3		ug/m3	ppb(v)		ppb(v)	
05298	Methyl t-Butyl Ether	1634-04-4	N.D.		0.72	N.D.		0.20	1
05298	4-Methyl-2-pentanone	108-10-1	N.D.		2.0	N.D.		0.50	1
05298	Methylene Chloride	75-09-2	N.D.		0.69	N.D.		0.20	1
05298	Octane	111-65-9	N.D.		0.93	N.D.		0.20	1
05298	Pentane	109-66-0	8.4		0.59	2.8		0.20	1
05298	Styrene	100-42-5	N.D.		0.85	N.D.		0.20	1
05298	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		1.4	N.D.		0.20	1
05298	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.4	N.D.		0.20	1
05298	Tetrachloroethene	127-18-4	N.D.		1.4	N.D.		0.20	1
05298	Toluene	108-88-3	1.8	J	0.75	0.49	J	0.20	1
05298	1,1,1-Trichloroethane	71-55-6	N.D.		1.1	N.D.		0.20	1
05298	1,1,2-Trichloroethane	79-00-5	N.D.		1.1	N.D.		0.20	1
05298	Trichloroethene	79-01-6	N.D.		1.1	N.D.		0.20	1
05298	Trichlorofluoromethane	75-69-4	16		1.1	2.8		0.20	1
05298	1,2,3-Trichloropropane	96-18-4	N.D.		1.2	N.D.		0.20	1
05298	1,2,4-Trimethylbenzene	95-63-6	N.D.		0.98	N.D.		0.20	1
05298	1,3,5-Trimethylbenzene	108-67-8	N.D.		0.98	N.D.		0.20	1
05298	Vinyl Chloride	75-01-4	N.D.		0.51	N.D.		0.20	1
05298	m/p-Xylene	179601-23-1	N.D.		0.87	N.D.		0.20	1
05298	o-Xylene	95-47-6	N.D.		0.87	N.D.		0.20	1

MDL = Method Detection Limit

Sample Comments

State of Texas Lab Certification No. T104704194-15-20

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07090	Methane/Ethane/Propane/Butane/Pentane	EPA 18 mod/EPA 25 mod	1	M1723030AA	08/18/2017 16:52	Alexander D Sechrist	2
05298	TO 15 VOA Ext. List	EPA TO-15	1	E1723030AA	08/18/2017 19:06	Jacob E Bailey	1

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Analysis Report

Sample Description: PHS-S008-20170817-02 Grab Air
Pawhuska Public Schools

ELLE Sample # AQ 9163818
ELLE Group # 1839607
Account # 19740

Project Name: Pawhuska HS ER

Collected: 08/17/2017 05:52 by SG
through 08/17/2017 14:05
Submitted: 08/18/2017 08:00
Reported: 08/19/2017 18:22

Weston Solutions
13702 Coursey Blvd
Bldg #7, STE A
Baton Rouge LA 70817

---08 SDG#: PAW01-05

CAT No.	Analysis Name	CAS Number	Final Result		MDL	Final Result		MDL	DF
Volatiles in Air	**EPA 18 mod/EPA 25 mod**		ug/m3		ug/m3	ppb(v)		ppb(v)	
07090	Butane	106-97-8	N.D.		1,000	N.D.		600	2
07090	Ethane	74-84-0	N.D.		1,000	N.D.		1,000	2
07090	Methane	74-82-8	6,600		3,000	10,000		4,000	2
07090	Pentane	109-66-0	N.D.		2,000	N.D.		600	2
07090	Propane	74-98-6	N.D.		1,000	N.D.		600	2
Volatiles in Air	**EPA TO-15**		ug/m3		ug/m3	ppb(v)		ppb(v)	
05298	Acetone	67-64-1	11		1.2	4.7		0.50	1
05298	Benzene	71-43-2	0.76	J	0.64	0.24	J	0.20	1
05298	Bromobenzene	108-86-1	N.D.		1.3	N.D.		0.20	1
05298	Bromodichloromethane	75-27-4	N.D.		1.3	N.D.		0.20	1
05298	Bromoform	75-25-2	N.D.		2.1	N.D.		0.20	1
05298	Bromomethane	74-83-9	N.D.		0.78	N.D.		0.20	1
05298	1,3-Butadiene	106-99-0	N.D.		0.88	N.D.		0.40	1
05298	2-Butanone	78-93-3	2.0	J	1.5	0.69	J	0.50	1
05298	Carbon Disulfide	75-15-0	N.D.		1.6	N.D.		0.50	1
05298	Carbon Tetrachloride	56-23-5	N.D.		1.3	N.D.		0.20	1
05298	Chlorobenzene	108-90-7	N.D.		0.92	N.D.		0.20	1
05298	Chlorodifluoromethane	75-45-6	N.D.		0.71	N.D.		0.20	1
05298	Chloroethane	75-00-3	N.D.		0.53	N.D.		0.20	1
05298	Chloroform	67-66-3	N.D.		0.98	N.D.		0.20	1
05298	Chloromethane	74-87-3	N.D.		0.41	N.D.		0.20	1
05298	3-Chloropropene	107-05-1	N.D.		0.63	N.D.		0.20	1
05298	Cumene	98-82-8	N.D.		0.98	N.D.		0.20	1
05298	Dibromochloromethane	124-48-1	N.D.		1.7	N.D.		0.20	1
05298	1,2-Dibromoethane	106-93-4	N.D.		1.5	N.D.		0.20	1
05298	Dibromomethane	74-95-3	N.D.		1.4	N.D.		0.20	1
05298	1,2-Dichlorobenzene	95-50-1	N.D.		1.2	N.D.		0.20	1
05298	1,3-Dichlorobenzene	541-73-1	N.D.		1.2	N.D.		0.20	1
05298	1,4-Dichlorobenzene	106-46-7	N.D.		1.2	N.D.		0.20	1
05298	Dichlorodifluoromethane	75-71-8	2.6	J	0.99	0.53	J	0.20	1
05298	1,1-Dichloroethane	75-34-3	N.D.		0.81	N.D.		0.20	1
05298	1,2-Dichloroethane	107-06-2	N.D.		0.81	N.D.		0.20	1
05298	1,1-Dichloroethene	75-35-4	N.D.		0.79	N.D.		0.20	1
05298	cis-1,2-Dichloroethene	156-59-2	N.D.		0.79	N.D.		0.20	1
05298	trans-1,2-Dichloroethene	156-60-5	N.D.		0.79	N.D.		0.20	1
05298	Dichlorofluoromethane	75-43-4	N.D.		0.84	N.D.		0.20	1
05298	1,2-Dichloropropane	78-87-5	N.D.		0.92	N.D.		0.20	1
05298	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.91	N.D.		0.20	1
05298	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.91	N.D.		0.20	1
05298	Ethylbenzene	100-41-4	N.D.		0.87	N.D.		0.20	1
05298	4-Ethyltoluene	622-96-8	N.D.		0.98	N.D.		0.20	1
05298	Freon 113	76-13-1	N.D.		3.8	N.D.		0.50	1
05298	Freon 114	76-14-2	N.D.		1.4	N.D.		0.20	1
05298	Heptane	142-82-5	4.0	J	0.82	0.96	J	0.20	1
05298	Hexachloroethane	67-72-1	N.D.		1.9	N.D.		0.20	1
05298	Hexane	110-54-3	14		0.70	4.0		0.20	1
05298	2-Hexanone	591-78-6	N.D.		2.0	N.D.		0.50	1
05298	Isooctane	540-84-1	N.D.		0.93	N.D.		0.20	1

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Analysis Report

Sample Description: PHS-S008-20170817-02 Grab Air
Pawhuska Public Schools

ELLE Sample # AQ 9163818
ELLE Group # 1839607
Account # 19740

Project Name: Pawhuska HS ER

Collected: 08/17/2017 05:52 by SG
through 08/17/2017 14:05
Submitted: 08/18/2017 08:00
Reported: 08/19/2017 18:22

Weston Solutions
13702 Coursey Blvd
Bldg #7, STE A
Baton Rouge LA 70817

---08 SDG#: PAW01-05

CAT No.	Analysis Name	CAS Number	Final Result		MDL	Final Result		MDL	DF
Volatiles in Air EPA TO-15			ug/m3		ug/m3	ppb(v)		ppb(v)	
05298	Methyl t-Butyl Ether	1634-04-4	N.D.		0.72	N.D.		0.20	1
05298	4-Methyl-2-pentanone	108-10-1	N.D.		2.0	N.D.		0.50	1
05298	Methylene Chloride	75-09-2	2.3	J	0.69	0.66	J	0.20	1
05298	Octane	111-65-9	1.3	J	0.93	0.27	J	0.20	1
05298	Pentane	109-66-0	59		0.59	20		0.20	1
05298	Styrene	100-42-5	N.D.		0.85	N.D.		0.20	1
05298	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		1.4	N.D.		0.20	1
05298	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.4	N.D.		0.20	1
05298	Tetrachloroethene	127-18-4	N.D.		1.4	N.D.		0.20	1
05298	Toluene	108-88-3	1.1	J	0.75	0.28	J	0.20	1
05298	1,1,1-Trichloroethane	71-55-6	N.D.		1.1	N.D.		0.20	1
05298	1,1,2-Trichloroethane	79-00-5	N.D.		1.1	N.D.		0.20	1
05298	Trichloroethene	79-01-6	N.D.		1.1	N.D.		0.20	1
05298	Trichlorofluoromethane	75-69-4	1.4	J	1.1	0.26	J	0.20	1
05298	1,2,3-Trichloropropane	96-18-4	N.D.		1.2	N.D.		0.20	1
05298	1,2,4-Trimethylbenzene	95-63-6	N.D.		0.98	N.D.		0.20	1
05298	1,3,5-Trimethylbenzene	108-67-8	N.D.		0.98	N.D.		0.20	1
05298	Vinyl Chloride	75-01-4	N.D.		0.51	N.D.		0.20	1
05298	m/p-Xylene	179601-23-1	N.D.		0.87	N.D.		0.20	1
05298	o-Xylene	95-47-6	N.D.		0.87	N.D.		0.20	1

MDL = Method Detection Limit

Sample Comments

State of Texas Lab Certification No. T104704194-15-20

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07090	Methane/Ethane/Propane/Butane/Pentane	EPA 18 mod/EPA 25 mod	1	M1723030AA	08/18/2017 17:20	Alexander D Sechrist	2
05298	TO 15 VOA Ext. List	EPA TO-15	1	E1723030AA	08/18/2017 19:51	Jacob E Bailey	1

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Analysis Report

Sample Description: PHS-S001-20170817-01 Grab Air
Pawhuska Public Schools

ELLE Sample # AQ 9163819
ELLE Group # 1839607
Account # 19740

Project Name: Pawhuska HS ER

Collected: 08/17/2017 05:54 by SG
through 08/17/2017 14:07
Submitted: 08/18/2017 08:00
Reported: 08/19/2017 18:22

Weston Solutions
13702 Coursey Blvd
Bldg #7, STE A
Baton Rouge LA 70817

---01 SDG#: PAW01-06

CAT No.	Analysis Name	CAS Number	Final Result		MDL	Final Result		MDL	DF
Volatiles in Air	**EPA 18 mod/EPA 25 mod**		ug/m3		ug/m3	ppb(v)		ppb(v)	
07090	Butane	106-97-8	N.D.		1,000	N.D.		600	2
07090	Ethane	74-84-0	N.D.		1,000	N.D.		1,000	2
07090	Methane	74-82-8	N.D.		3,000	N.D.		4,000	2
07090	Pentane	109-66-0	N.D.		2,000	N.D.		600	2
07090	Propane	74-98-6	N.D.		1,000	N.D.		600	2
Volatiles in Air	**EPA TO-15**		ug/m3		ug/m3	ppb(v)		ppb(v)	
05298	Acetone	67-64-1	15		1.2	6.3		0.50	1
05298	Benzene	71-43-2	N.D.		0.64	N.D.		0.20	1
05298	Bromobenzene	108-86-1	N.D.		1.3	N.D.		0.20	1
05298	Bromodichloromethane	75-27-4	N.D.		1.3	N.D.		0.20	1
05298	Bromoform	75-25-2	N.D.		2.1	N.D.		0.20	1
05298	Bromomethane	74-83-9	N.D.		0.78	N.D.		0.20	1
05298	1,3-Butadiene	106-99-0	N.D.		0.88	N.D.		0.40	1
05298	2-Butanone	78-93-3	2.6	J	1.5	0.90	J	0.50	1
05298	Carbon Disulfide	75-15-0	N.D.		1.6	N.D.		0.50	1
05298	Carbon Tetrachloride	56-23-5	N.D.		1.3	N.D.		0.20	1
05298	Chlorobenzene	108-90-7	N.D.		0.92	N.D.		0.20	1
05298	Chlorodifluoromethane	75-45-6	N.D.		0.71	N.D.		0.20	1
05298	Chloroethane	75-00-3	N.D.		0.53	N.D.		0.20	1
05298	Chloroform	67-66-3	N.D.		0.98	N.D.		0.20	1
05298	Chloromethane	74-87-3	N.D.		0.41	N.D.		0.20	1
05298	3-Chloropropene	107-05-1	N.D.		0.63	N.D.		0.20	1
05298	Cumene	98-82-8	N.D.		0.98	N.D.		0.20	1
05298	Dibromochloromethane	124-48-1	N.D.		1.7	N.D.		0.20	1
05298	1,2-Dibromoethane	106-93-4	N.D.		1.5	N.D.		0.20	1
05298	Dibromomethane	74-95-3	N.D.		1.4	N.D.		0.20	1
05298	1,2-Dichlorobenzene	95-50-1	N.D.		1.2	N.D.		0.20	1
05298	1,3-Dichlorobenzene	541-73-1	N.D.		1.2	N.D.		0.20	1
05298	1,4-Dichlorobenzene	106-46-7	N.D.		1.2	N.D.		0.20	1
05298	Dichlorodifluoromethane	75-71-8	2.8	J	0.99	0.57	J	0.20	1
05298	1,1-Dichloroethane	75-34-3	N.D.		0.81	N.D.		0.20	1
05298	1,2-Dichloroethane	107-06-2	N.D.		0.81	N.D.		0.20	1
05298	1,1-Dichloroethene	75-35-4	N.D.		0.79	N.D.		0.20	1
05298	cis-1,2-Dichloroethene	156-59-2	N.D.		0.79	N.D.		0.20	1
05298	trans-1,2-Dichloroethene	156-60-5	2.3	J	0.79	0.59	J	0.20	1
05298	Dichlorofluoromethane	75-43-4	N.D.		0.84	N.D.		0.20	1
05298	1,2-Dichloropropane	78-87-5	N.D.		0.92	N.D.		0.20	1
05298	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.91	N.D.		0.20	1
05298	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.91	N.D.		0.20	1
05298	Ethylbenzene	100-41-4	N.D.		0.87	N.D.		0.20	1
05298	4-Ethyltoluene	622-96-8	N.D.		0.98	N.D.		0.20	1
05298	Freon 113	76-13-1	N.D.		3.8	N.D.		0.50	1
05298	Freon 114	76-14-2	N.D.		1.4	N.D.		0.20	1
05298	Heptane	142-82-5	1.7	J	0.82	0.41	J	0.20	1
05298	Hexachloroethane	67-72-1	N.D.		1.9	N.D.		0.20	1
05298	Hexane	110-54-3	3.0	J	0.70	0.85	J	0.20	1
05298	2-Hexanone	591-78-6	N.D.		2.0	N.D.		0.50	1
05298	Isooctane	540-84-1	N.D.		0.93	N.D.		0.20	1

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Analysis Report

Sample Description: PHS-S001-20170817-01 Grab Air
Pawhuska Public Schools

ELLE Sample # AQ 9163819
ELLE Group # 1839607
Account # 19740

Project Name: Pawhuska HS ER

Collected: 08/17/2017 05:54 by SG
through 08/17/2017 14:07
Submitted: 08/18/2017 08:00
Reported: 08/19/2017 18:22

Weston Solutions
13702 Coursey Blvd
Bldg #7, STE A
Baton Rouge LA 70817

---01 SDG#: PAW01-06

CAT No.	Analysis Name	CAS Number	Final Result		MDL	Final Result		MDL	DF
Volatiles in Air EPA TO-15			ug/m3		ug/m3	ppb(v)		ppb(v)	
05298	Methyl t-Butyl Ether	1634-04-4	N.D.		0.72	N.D.		0.20	1
05298	4-Methyl-2-pentanone	108-10-1	N.D.		2.0	N.D.		0.50	1
05298	Methylene Chloride	75-09-2	N.D.		0.69	N.D.		0.20	1
05298	Octane	111-65-9	N.D.		0.93	N.D.		0.20	1
05298	Pentane	109-66-0	20		0.59	6.7		0.20	1
05298	Styrene	100-42-5	N.D.		0.85	N.D.		0.20	1
05298	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		1.4	N.D.		0.20	1
05298	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.4	N.D.		0.20	1
05298	Tetrachloroethene	127-18-4	N.D.		1.4	N.D.		0.20	1
05298	Toluene	108-88-3	1.8	J	0.75	0.47	J	0.20	1
05298	1,1,1-Trichloroethane	71-55-6	N.D.		1.1	N.D.		0.20	1
05298	1,1,2-Trichloroethane	79-00-5	N.D.		1.1	N.D.		0.20	1
05298	Trichloroethene	79-01-6	N.D.		1.1	N.D.		0.20	1
05298	Trichlorofluoromethane	75-69-4	14		1.1	2.5		0.20	1
05298	1,2,3-Trichloropropane	96-18-4	N.D.		1.2	N.D.		0.20	1
05298	1,2,4-Trimethylbenzene	95-63-6	1.0	J	0.98	0.21	J	0.20	1
05298	1,3,5-Trimethylbenzene	108-67-8	N.D.		0.98	N.D.		0.20	1
05298	Vinyl Chloride	75-01-4	N.D.		0.51	N.D.		0.20	1
05298	m/p-Xylene	179601-23-1	N.D.		0.87	N.D.		0.20	1
05298	o-Xylene	95-47-6	N.D.		0.87	N.D.		0.20	1

MDL = Method Detection Limit

Sample Comments

State of Texas Lab Certification No. T104704194-15-20

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07090	Methane/Ethane/Propane/Butane/Pentane	EPA 18 mod/EPA 25 mod	1	M1723030AA	08/18/2017 17:49	Alexander D Sechrist	2
05298	TO 15 VOA Ext. List	EPA TO-15	1	E1723030AA	08/18/2017 20:35	Jacob E Bailey	1

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Analysis Report

Sample Description: PHS-S002-20170817-01 Grab Air
Pawhuska Public Schools

ELLE Sample # AQ 9163820
ELLE Group # 1839607
Account # 19740

Project Name: Pawhuska HS ER

Collected: 08/17/2017 05:58 by SG
through 08/17/2017 14:09
Submitted: 08/18/2017 08:00
Reported: 08/19/2017 18:22

Weston Solutions
13702 Coursey Blvd
Bldg #7, STE A
Baton Rouge LA 70817

---02 SDG#: PAW01-07

CAT No.	Analysis Name	CAS Number	Final Result		MDL	Final Result		MDL	DF
Volatiles in Air	**EPA 18 mod/EPA 25 mod**		ug/m3		ug/m3	ppb(v)		ppb(v)	
07090	Butane	106-97-8	N.D.		1,000	N.D.		600	2
07090	Ethane	74-84-0	N.D.		1,000	N.D.		1,000	2
07090	Methane	74-82-8	N.D.		3,000	N.D.		4,000	2
07090	Pentane	109-66-0	N.D.		2,000	N.D.		600	2
07090	Propane	74-98-6	N.D.		1,000	N.D.		600	2
Volatiles in Air	**EPA TO-15**		ug/m3		ug/m3	ppb(v)		ppb(v)	
05298	Acetone	67-64-1	14		1.2	5.8		0.50	1
05298	Benzene	71-43-2	N.D.		0.64	N.D.		0.20	1
05298	Bromobenzene	108-86-1	N.D.		1.3	N.D.		0.20	1
05298	Bromodichloromethane	75-27-4	N.D.		1.3	N.D.		0.20	1
05298	Bromoform	75-25-2	N.D.		2.1	N.D.		0.20	1
05298	Bromomethane	74-83-9	N.D.		0.78	N.D.		0.20	1
05298	1,3-Butadiene	106-99-0	N.D.		0.88	N.D.		0.40	1
05298	2-Butanone	78-93-3	1.7	J	1.5	0.57	J	0.50	1
05298	Carbon Disulfide	75-15-0	N.D.		1.6	N.D.		0.50	1
05298	Carbon Tetrachloride	56-23-5	N.D.		1.3	N.D.		0.20	1
05298	Chlorobenzene	108-90-7	N.D.		0.92	N.D.		0.20	1
05298	Chlorodifluoromethane	75-45-6	N.D.		0.71	N.D.		0.20	1
05298	Chloroethane	75-00-3	N.D.		0.53	N.D.		0.20	1
05298	Chloroform	67-66-3	N.D.		0.98	N.D.		0.20	1
05298	Chloromethane	74-87-3	N.D.		0.41	N.D.		0.20	1
05298	3-Chloropropene	107-05-1	N.D.		0.63	N.D.		0.20	1
05298	Cumene	98-82-8	N.D.		0.98	N.D.		0.20	1
05298	Dibromochloromethane	124-48-1	N.D.		1.7	N.D.		0.20	1
05298	1,2-Dibromoethane	106-93-4	N.D.		1.5	N.D.		0.20	1
05298	Dibromomethane	74-95-3	N.D.		1.4	N.D.		0.20	1
05298	1,2-Dichlorobenzene	95-50-1	N.D.		1.2	N.D.		0.20	1
05298	1,3-Dichlorobenzene	541-73-1	N.D.		1.2	N.D.		0.20	1
05298	1,4-Dichlorobenzene	106-46-7	N.D.		1.2	N.D.		0.20	1
05298	Dichlorodifluoromethane	75-71-8	3.0	J	0.99	0.61	J	0.20	1
05298	1,1-Dichloroethane	75-34-3	N.D.		0.81	N.D.		0.20	1
05298	1,2-Dichloroethane	107-06-2	N.D.		0.81	N.D.		0.20	1
05298	1,1-Dichloroethene	75-35-4	N.D.		0.79	N.D.		0.20	1
05298	cis-1,2-Dichloroethene	156-59-2	N.D.		0.79	N.D.		0.20	1
05298	trans-1,2-Dichloroethene	156-60-5	2.3	J	0.79	0.57	J	0.20	1
05298	Dichlorofluoromethane	75-43-4	N.D.		0.84	N.D.		0.20	1
05298	1,2-Dichloropropane	78-87-5	N.D.		0.92	N.D.		0.20	1
05298	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.91	N.D.		0.20	1
05298	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.91	N.D.		0.20	1
05298	Ethylbenzene	100-41-4	N.D.		0.87	N.D.		0.20	1
05298	4-Ethyltoluene	622-96-8	N.D.		0.98	N.D.		0.20	1
05298	Freon 113	76-13-1	N.D.		3.8	N.D.		0.50	1
05298	Freon 114	76-14-2	N.D.		1.4	N.D.		0.20	1
05298	Heptane	142-82-5	1.7	J	0.82	0.42	J	0.20	1
05298	Hexachloroethane	67-72-1	N.D.		1.9	N.D.		0.20	1
05298	Hexane	110-54-3	2.8	J	0.70	0.78	J	0.20	1
05298	2-Hexanone	591-78-6	N.D.		2.0	N.D.		0.50	1
05298	Isooctane	540-84-1	N.D.		0.93	N.D.		0.20	1

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Analysis Report

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Sample Description: PHS-S002-20170817-01 Grab Air
Pawhuska Public Schools

ELLE Sample # AQ 9163820
ELLE Group # 1839607
Account # 19740

Project Name: Pawhuska HS ER

Collected: 08/17/2017 05:58 by SG
through 08/17/2017 14:09
Submitted: 08/18/2017 08:00
Reported: 08/19/2017 18:22

Weston Solutions
13702 Coursey Blvd
Bldg #7, STE A
Baton Rouge LA 70817

---02 SDG#: PAW01-07

CAT No.	Analysis Name	CAS Number	Final Result		MDL	Final Result		MDL	DF
Volatiles in Air	**EPA TO-15**		ug/m3		ug/m3	ppb(v)		ppb(v)	
05298	Methyl t-Butyl Ether	1634-04-4	N.D.		0.72	N.D.		0.20	1
05298	4-Methyl-2-pentanone	108-10-1	N.D.		2.0	N.D.		0.50	1
05298	Methylene Chloride	75-09-2	N.D.		0.69	N.D.		0.20	1
05298	Octane	111-65-9	N.D.		0.93	N.D.		0.20	1
05298	Pentane	109-66-0	24		0.59	8.1		0.20	1
05298	Styrene	100-42-5	N.D.		0.85	N.D.		0.20	1
05298	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		1.4	N.D.		0.20	1
05298	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.4	N.D.		0.20	1
05298	Tetrachloroethene	127-18-4	N.D.		1.4	N.D.		0.20	1
05298	Toluene	108-88-3	1.9	J	0.75	0.49	J	0.20	1
05298	1,1,1-Trichloroethane	71-55-6	N.D.		1.1	N.D.		0.20	1
05298	1,1,2-Trichloroethane	79-00-5	N.D.		1.1	N.D.		0.20	1
05298	Trichloroethene	79-01-6	N.D.		1.1	N.D.		0.20	1
05298	Trichlorofluoromethane	75-69-4	14		1.1	2.4		0.20	1
05298	1,2,3-Trichloropropane	96-18-4	N.D.		1.2	N.D.		0.20	1
05298	1,2,4-Trimethylbenzene	95-63-6	1.1	J	0.98	0.21	J	0.20	1
05298	1,3,5-Trimethylbenzene	108-67-8	N.D.		0.98	N.D.		0.20	1
05298	Vinyl Chloride	75-01-4	N.D.		0.51	N.D.		0.20	1
05298	m/p-Xylene	179601-23-1	N.D.		0.87	N.D.		0.20	1
05298	o-Xylene	95-47-6	N.D.		0.87	N.D.		0.20	1

MDL = Method Detection Limit

Sample Comments

State of Texas Lab Certification No. T104704194-15-20

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07090	Methane/Ethane/Propane/Butane/Pentane	EPA 18 mod/EPA 25 mod	1	M1723030AA	08/18/2017 18:18	Alexander D Sechrist	2
05298	TO 15 VOA Ext. List	EPA TO-15	1	E1723030AA	08/18/2017 21:19	Jacob E Bailey	1

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Analysis Report

Sample Description: PHS-S005-20170817-01 Grab Air
Pawhuska Public Schools

ELLE Sample # AQ 9163821
ELLE Group # 1839607
Account # 19740

Project Name: Pawhuska HS ER

Collected: 08/17/2017 06:07 by SG
through 08/17/2017 14:10
Submitted: 08/18/2017 08:00
Reported: 08/19/2017 18:22

Weston Solutions
13702 Coursey Blvd
Bldg #7, STE A
Baton Rouge LA 70817

---05 SDG#: PAW01-08

CAT No.	Analysis Name	CAS Number	Final Result		MDL	Final Result		MDL	DF
Volatiles in Air	**EPA 18 mod/EPA 25 mod**		ug/m3		ug/m3	ppb(v)		ppb(v)	
07090	Butane	106-97-8	N.D.		1,000	N.D.		600	2
07090	Ethane	74-84-0	N.D.		1,000	N.D.		1,000	2
07090	Methane	74-82-8	N.D.		3,000	N.D.		4,000	2
07090	Pentane	109-66-0	N.D.		2,000	N.D.		600	2
07090	Propane	74-98-6	N.D.		1,000	N.D.		600	2
Volatiles in Air	**EPA TO-15**		ug/m3		ug/m3	ppb(v)		ppb(v)	
05298	Acetone	67-64-1	14		1.2	6.0		0.50	1
05298	Benzene	71-43-2	N.D.		0.64	N.D.		0.20	1
05298	Bromobenzene	108-86-1	N.D.		1.3	N.D.		0.20	1
05298	Bromodichloromethane	75-27-4	N.D.		1.3	N.D.		0.20	1
05298	Bromoform	75-25-2	N.D.		2.1	N.D.		0.20	1
05298	Bromomethane	74-83-9	N.D.		0.78	N.D.		0.20	1
05298	1,3-Butadiene	106-99-0	N.D.		0.88	N.D.		0.40	1
05298	2-Butanone	78-93-3	2.2	J	1.5	0.75	J	0.50	1
05298	Carbon Disulfide	75-15-0	N.D.		1.6	N.D.		0.50	1
05298	Carbon Tetrachloride	56-23-5	N.D.		1.3	N.D.		0.20	1
05298	Chlorobenzene	108-90-7	N.D.		0.92	N.D.		0.20	1
05298	Chlorodifluoromethane	75-45-6	N.D.		0.71	N.D.		0.20	1
05298	Chloroethane	75-00-3	N.D.		0.53	N.D.		0.20	1
05298	Chloroform	67-66-3	N.D.		0.98	N.D.		0.20	1
05298	Chloromethane	74-87-3	N.D.		0.41	N.D.		0.20	1
05298	3-Chloropropene	107-05-1	N.D.		0.63	N.D.		0.20	1
05298	Cumene	98-82-8	N.D.		0.98	N.D.		0.20	1
05298	Dibromochloromethane	124-48-1	N.D.		1.7	N.D.		0.20	1
05298	1,2-Dibromoethane	106-93-4	N.D.		1.5	N.D.		0.20	1
05298	Dibromomethane	74-95-3	N.D.		1.4	N.D.		0.20	1
05298	1,2-Dichlorobenzene	95-50-1	N.D.		1.2	N.D.		0.20	1
05298	1,3-Dichlorobenzene	541-73-1	N.D.		1.2	N.D.		0.20	1
05298	1,4-Dichlorobenzene	106-46-7	N.D.		1.2	N.D.		0.20	1
05298	Dichlorodifluoromethane	75-71-8	2.9	J	0.99	0.59	J	0.20	1
05298	1,1-Dichloroethane	75-34-3	N.D.		0.81	N.D.		0.20	1
05298	1,2-Dichloroethane	107-06-2	N.D.		0.81	N.D.		0.20	1
05298	1,1-Dichloroethene	75-35-4	N.D.		0.79	N.D.		0.20	1
05298	cis-1,2-Dichloroethene	156-59-2	N.D.		0.79	N.D.		0.20	1
05298	trans-1,2-Dichloroethene	156-60-5	2.6	J	0.79	0.65	J	0.20	1
05298	Dichlorofluoromethane	75-43-4	N.D.		0.84	N.D.		0.20	1
05298	1,2-Dichloropropane	78-87-5	N.D.		0.92	N.D.		0.20	1
05298	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.91	N.D.		0.20	1
05298	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.91	N.D.		0.20	1
05298	Ethylbenzene	100-41-4	N.D.		0.87	N.D.		0.20	1
05298	4-Ethyltoluene	622-96-8	N.D.		0.98	N.D.		0.20	1
05298	Freon 113	76-13-1	N.D.		3.8	N.D.		0.50	1
05298	Freon 114	76-14-2	N.D.		1.4	N.D.		0.20	1
05298	Heptane	142-82-5	1.8	J	0.82	0.43	J	0.20	1
05298	Hexachloroethane	67-72-1	N.D.		1.9	N.D.		0.20	1
05298	Hexane	110-54-3	2.7	J	0.70	0.78	J	0.20	1
05298	2-Hexanone	591-78-6	N.D.		2.0	N.D.		0.50	1
05298	Isooctane	540-84-1	N.D.		0.93	N.D.		0.20	1

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Analysis Report

Sample Description: PHS-S005-20170817-01 Grab Air
Pawhuska Public Schools

ELLE Sample # AQ 9163821
ELLE Group # 1839607
Account # 19740

Project Name: Pawhuska HS ER

Collected: 08/17/2017 06:07 by SG
through 08/17/2017 14:10
Submitted: 08/18/2017 08:00
Reported: 08/19/2017 18:22

Weston Solutions
13702 Coursey Blvd
Bldg #7, STE A
Baton Rouge LA 70817

---05 SDG#: PAW01-08

CAT No.	Analysis Name	CAS Number	Final Result		MDL	Final Result		MDL	DF
Volatiles in Air EPA TO-15			ug/m3		ug/m3	ppb(v)		ppb(v)	
05298	Methyl t-Butyl Ether	1634-04-4	N.D.		0.72	N.D.		0.20	1
05298	4-Methyl-2-pentanone	108-10-1	N.D.		2.0	N.D.		0.50	1
05298	Methylene Chloride	75-09-2	N.D.		0.69	N.D.		0.20	1
05298	Octane	111-65-9	N.D.		0.93	N.D.		0.20	1
05298	Pentane	109-66-0	9.0		0.59	3.0		0.20	1
05298	Styrene	100-42-5	N.D.		0.85	N.D.		0.20	1
05298	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		1.4	N.D.		0.20	1
05298	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.4	N.D.		0.20	1
05298	Tetrachloroethene	127-18-4	N.D.		1.4	N.D.		0.20	1
05298	Toluene	108-88-3	1.7	J	0.75	0.44	J	0.20	1
05298	1,1,1-Trichloroethane	71-55-6	N.D.		1.1	N.D.		0.20	1
05298	1,1,2-Trichloroethane	79-00-5	N.D.		1.1	N.D.		0.20	1
05298	Trichloroethene	79-01-6	N.D.		1.1	N.D.		0.20	1
05298	Trichlorofluoromethane	75-69-4	17		1.1	3.0		0.20	1
05298	1,2,3-Trichloropropane	96-18-4	N.D.		1.2	N.D.		0.20	1
05298	1,2,4-Trimethylbenzene	95-63-6	N.D.		0.98	N.D.		0.20	1
05298	1,3,5-Trimethylbenzene	108-67-8	N.D.		0.98	N.D.		0.20	1
05298	Vinyl Chloride	75-01-4	N.D.		0.51	N.D.		0.20	1
05298	m/p-Xylene	179601-23-1	N.D.		0.87	N.D.		0.20	1
05298	o-Xylene	95-47-6	N.D.		0.87	N.D.		0.20	1

MDL = Method Detection Limit

Sample Comments

State of Texas Lab Certification No. T104704194-15-20

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07090	Methane/Ethane/Propane/Butane/Pentane	EPA 18 mod/EPA 25 mod	1	M1723030AA	08/18/2017 18:46	Alexander D Sechrist	2
05298	TO 15 VOA Ext. List	EPA TO-15	1	E1723030AA	08/18/2017 22:03	Jacob E Bailey	1

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Analysis Report

Sample Description: PHS-S008-20170817-01 Grab Air
Pawhuska Public Schools

ELLE Sample # AQ 9163822
ELLE Group # 1839607
Account # 19740

Project Name: Pawhuska HS ER

Collected: 08/17/2017 05:52 by SG
through 08/17/2017 14:05
Submitted: 08/18/2017 08:00
Reported: 08/19/2017 18:22

Weston Solutions
13702 Coursey Blvd
Bldg #7, STE A
Baton Rouge LA 70817

--08- SDG#: PAW01-09

CAT No.	Analysis Name	CAS Number	Final Result		MDL	Final Result		MDL	DF
Volatiles in Air	**EPA 18 mod/EPA 25 mod**		ug/m3		ug/m3	ppb(v)		ppb(v)	
07090	Butane	106-97-8	N.D.		1,000	N.D.		600	2
07090	Ethane	74-84-0	N.D.		1,000	N.D.		1,000	2
07090	Methane	74-82-8	8,100		3,000	12,000		4,000	2
07090	Pentane	109-66-0	N.D.		2,000	N.D.		600	2
07090	Propane	74-98-6	N.D.		1,000	N.D.		600	2
Volatiles in Air	**EPA TO-15**		ug/m3		ug/m3	ppb(v)		ppb(v)	
05298	Acetone	67-64-1	18		1.2	7.6		0.50	1
05298	Benzene	71-43-2	N.D.		0.64	N.D.		0.20	1
05298	Bromobenzene	108-86-1	N.D.		1.3	N.D.		0.20	1
05298	Bromodichloromethane	75-27-4	N.D.		1.3	N.D.		0.20	1
05298	Bromoform	75-25-2	N.D.		2.1	N.D.		0.20	1
05298	Bromomethane	74-83-9	N.D.		0.78	N.D.		0.20	1
05298	1,3-Butadiene	106-99-0	N.D.		0.88	N.D.		0.40	1
05298	2-Butanone	78-93-3	5.2	J	1.5	1.8	J	0.50	1
05298	Carbon Disulfide	75-15-0	N.D.		1.6	N.D.		0.50	1
05298	Carbon Tetrachloride	56-23-5	N.D.		1.3	N.D.		0.20	1
05298	Chlorobenzene	108-90-7	N.D.		0.92	N.D.		0.20	1
05298	Chlorodifluoromethane	75-45-6	N.D.		0.71	N.D.		0.20	1
05298	Chloroethane	75-00-3	N.D.		0.53	N.D.		0.20	1
05298	Chloroform	67-66-3	N.D.		0.98	N.D.		0.20	1
05298	Chloromethane	74-87-3	N.D.		0.41	N.D.		0.20	1
05298	3-Chloropropene	107-05-1	N.D.		0.63	N.D.		0.20	1
05298	Cumene	98-82-8	N.D.		0.98	N.D.		0.20	1
05298	Dibromochloromethane	124-48-1	N.D.		1.7	N.D.		0.20	1
05298	1,2-Dibromoethane	106-93-4	N.D.		1.5	N.D.		0.20	1
05298	Dibromomethane	74-95-3	N.D.		1.4	N.D.		0.20	1
05298	1,2-Dichlorobenzene	95-50-1	N.D.		1.2	N.D.		0.20	1
05298	1,3-Dichlorobenzene	541-73-1	N.D.		1.2	N.D.		0.20	1
05298	1,4-Dichlorobenzene	106-46-7	N.D.		1.2	N.D.		0.20	1
05298	Dichlorodifluoromethane	75-71-8	2.9	J	0.99	0.59	J	0.20	1
05298	1,1-Dichloroethane	75-34-3	N.D.		0.81	N.D.		0.20	1
05298	1,2-Dichloroethane	107-06-2	N.D.		0.81	N.D.		0.20	1
05298	1,1-Dichloroethene	75-35-4	N.D.		0.79	N.D.		0.20	1
05298	cis-1,2-Dichloroethene	156-59-2	N.D.		0.79	N.D.		0.20	1
05298	trans-1,2-Dichloroethene	156-60-5	N.D.		0.79	N.D.		0.20	1
05298	Dichlorofluoromethane	75-43-4	N.D.		0.84	N.D.		0.20	1
05298	1,2-Dichloropropane	78-87-5	N.D.		0.92	N.D.		0.20	1
05298	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.91	N.D.		0.20	1
05298	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.91	N.D.		0.20	1
05298	Ethylbenzene	100-41-4	N.D.		0.87	N.D.		0.20	1
05298	4-Ethyltoluene	622-96-8	N.D.		0.98	N.D.		0.20	1
05298	Freon 113	76-13-1	N.D.		3.8	N.D.		0.50	1
05298	Freon 114	76-14-2	N.D.		1.4	N.D.		0.20	1
05298	Heptane	142-82-5	4.2		0.82	1.0		0.20	1
05298	Hexachloroethane	67-72-1	N.D.		1.9	N.D.		0.20	1
05298	Hexane	110-54-3	16		0.70	4.5		0.20	1
05298	2-Hexanone	591-78-6	N.D.		2.0	N.D.		0.50	1
05298	Isooctane	540-84-1	N.D.		0.93	N.D.		0.20	1

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Analysis Report

Sample Description: PHS-S008-20170817-01 Grab Air
Pawhuska Public Schools

ELLE Sample # AQ 9163822
ELLE Group # 1839607
Account # 19740

Project Name: Pawhuska HS ER

Collected: 08/17/2017 05:52 by SG
through 08/17/2017 14:05
Submitted: 08/18/2017 08:00
Reported: 08/19/2017 18:22

Weston Solutions
13702 Coursey Blvd
Bldg #7, STE A
Baton Rouge LA 70817

--08- SDG#: PAW01-09

CAT No.	Analysis Name	CAS Number	Final Result		MDL	Final Result		MDL	DF
Volatiles in Air EPA TO-15			ug/m3		ug/m3	ppb(v)		ppb(v)	
05298	Methyl t-Butyl Ether	1634-04-4	N.D.		0.72	N.D.		0.20	1
05298	4-Methyl-2-pentanone	108-10-1	N.D.		2.0	N.D.		0.50	1
05298	Methylene Chloride	75-09-2	2.0	J	0.69	0.57	J	0.20	1
05298	Octane	111-65-9	1.7	J	0.93	0.36	J	0.20	1
05298	Pentane	109-66-0	64		0.59	22		0.20	1
05298	Styrene	100-42-5	N.D.		0.85	N.D.		0.20	1
05298	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		1.4	N.D.		0.20	1
05298	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.4	N.D.		0.20	1
05298	Tetrachloroethene	127-18-4	N.D.		1.4	N.D.		0.20	1
05298	Toluene	108-88-3	0.76	J	0.75	0.20	J	0.20	1
05298	1,1,1-Trichloroethane	71-55-6	N.D.		1.1	N.D.		0.20	1
05298	1,1,2-Trichloroethane	79-00-5	N.D.		1.1	N.D.		0.20	1
05298	Trichloroethene	79-01-6	N.D.		1.1	N.D.		0.20	1
05298	Trichlorofluoromethane	75-69-4	1.4	J	1.1	0.25	J	0.20	1
05298	1,2,3-Trichloropropane	96-18-4	N.D.		1.2	N.D.		0.20	1
05298	1,2,4-Trimethylbenzene	95-63-6	N.D.		0.98	N.D.		0.20	1
05298	1,3,5-Trimethylbenzene	108-67-8	N.D.		0.98	N.D.		0.20	1
05298	Vinyl Chloride	75-01-4	N.D.		0.51	N.D.		0.20	1
05298	m/p-Xylene	179601-23-1	1.0	J	0.87	0.23	J	0.20	1
05298	o-Xylene	95-47-6	N.D.		0.87	N.D.		0.20	1

MDL = Method Detection Limit

Sample Comments

State of Texas Lab Certification No. T104704194-15-20

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07090	Methane/Ethane/Propane/Butane/Pentane	EPA 18 mod/EPA 25 mod	1	M1723030AA	08/18/2017 19:15	Alexander D Sechrist	2
05298	TO 15 VOA Ext. List	EPA TO-15	1	E1723030AA	08/18/2017 22:47	Jacob E Bailey	1

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Analysis Report

Sample Description: PHS-S009-20170817-01 Grab Air
Pawhuska Public Schools

ELLE Sample # AQ 9163823
ELLE Group # 1839607
Account # 19740

Project Name: Pawhuska HS ER

Collected: 08/17/2017 06:04 by SG
through 08/17/2017 14:15
Submitted: 08/18/2017 08:00
Reported: 08/19/2017 18:22

Weston Solutions
13702 Coursey Blvd
Bldg #7, STE A
Baton Rouge LA 70817

---09 SDG#: PAW01-10

CAT No.	Analysis Name	CAS Number	Final Result		MDL	Final Result		MDL	DF
Volatiles in Air	**EPA 18 mod/EPA 25 mod**		ug/m3		ug/m3	ppb(v)		ppb(v)	
07090	Butane	106-97-8	N.D.		1,000	N.D.		600	2
07090	Ethane	74-84-0	N.D.		1,000	N.D.		1,000	2
07090	Methane	74-82-8	N.D.		3,000	N.D.		4,000	2
07090	Pentane	109-66-0	N.D.		2,000	N.D.		600	2
07090	Propane	74-98-6	N.D.		1,000	N.D.		600	2
Volatiles in Air	**EPA TO-15**		ug/m3		ug/m3	ppb(v)		ppb(v)	
05298	Acetone	67-64-1	27		1.2	11		0.50	1
05298	Benzene	71-43-2	0.86	J	0.64	0.27	J	0.20	1
05298	Bromobenzene	108-86-1	N.D.		1.3	N.D.		0.20	1
05298	Bromodichloromethane	75-27-4	N.D.		1.3	N.D.		0.20	1
05298	Bromoform	75-25-2	N.D.		2.1	N.D.		0.20	1
05298	Bromomethane	74-83-9	N.D.		0.78	N.D.		0.20	1
05298	1,3-Butadiene	106-99-0	N.D.		0.88	N.D.		0.40	1
05298	2-Butanone	78-93-3	7.4		1.5	2.5		0.50	1
05298	Carbon Disulfide	75-15-0	N.D.		1.6	N.D.		0.50	1
05298	Carbon Tetrachloride	56-23-5	N.D.		1.3	N.D.		0.20	1
05298	Chlorobenzene	108-90-7	N.D.		0.92	N.D.		0.20	1
05298	Chlorodifluoromethane	75-45-6	N.D.		0.71	N.D.		0.20	1
05298	Chloroethane	75-00-3	N.D.		0.53	N.D.		0.20	1
05298	Chloroform	67-66-3	N.D.		0.98	N.D.		0.20	1
05298	Chloromethane	74-87-3	N.D.		0.41	N.D.		0.20	1
05298	3-Chloropropene	107-05-1	N.D.		0.63	N.D.		0.20	1
05298	Cumene	98-82-8	N.D.		0.98	N.D.		0.20	1
05298	Dibromochloromethane	124-48-1	N.D.		1.7	N.D.		0.20	1
05298	1,2-Dibromoethane	106-93-4	N.D.		1.5	N.D.		0.20	1
05298	Dibromomethane	74-95-3	N.D.		1.4	N.D.		0.20	1
05298	1,2-Dichlorobenzene	95-50-1	N.D.		1.2	N.D.		0.20	1
05298	1,3-Dichlorobenzene	541-73-1	N.D.		1.2	N.D.		0.20	1
05298	1,4-Dichlorobenzene	106-46-7	N.D.		1.2	N.D.		0.20	1
05298	Dichlorodifluoromethane	75-71-8	2.8	J	0.99	0.56	J	0.20	1
05298	1,1-Dichloroethane	75-34-3	N.D.		0.81	N.D.		0.20	1
05298	1,2-Dichloroethane	107-06-2	N.D.		0.81	N.D.		0.20	1
05298	1,1-Dichloroethene	75-35-4	N.D.		0.79	N.D.		0.20	1
05298	cis-1,2-Dichloroethene	156-59-2	N.D.		0.79	N.D.		0.20	1
05298	trans-1,2-Dichloroethene	156-60-5	N.D.		0.79	N.D.		0.20	1
05298	Dichlorofluoromethane	75-43-4	N.D.		0.84	N.D.		0.20	1
05298	1,2-Dichloropropane	78-87-5	N.D.		0.92	N.D.		0.20	1
05298	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.91	N.D.		0.20	1
05298	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.91	N.D.		0.20	1
05298	Ethylbenzene	100-41-4	N.D.		0.87	N.D.		0.20	1
05298	4-Ethyltoluene	622-96-8	N.D.		0.98	N.D.		0.20	1
05298	Freon 113	76-13-1	N.D.		3.8	N.D.		0.50	1
05298	Freon 114	76-14-2	N.D.		1.4	N.D.		0.20	1
05298	Heptane	142-82-5	2.2	J	0.82	0.53	J	0.20	1
05298	Hexachloroethane	67-72-1	N.D.		1.9	N.D.		0.20	1
05298	Hexane	110-54-3	3.8		0.70	1.1		0.20	1
05298	2-Hexanone	591-78-6	N.D.		2.0	N.D.		0.50	1
05298	Isooctane	540-84-1	N.D.		0.93	N.D.		0.20	1

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Analysis Report

Sample Description: PHS-S009-20170817-01 Grab Air
Pawhuska Public Schools

ELLE Sample # AQ 9163823
ELLE Group # 1839607
Account # 19740

Project Name: Pawhuska HS ER

Collected: 08/17/2017 06:04 by SG
through 08/17/2017 14:15
Submitted: 08/18/2017 08:00
Reported: 08/19/2017 18:22

Weston Solutions
13702 Coursey Blvd
Bldg #7, STE A
Baton Rouge LA 70817

---09 SDG#: PAW01-10

CAT No.	Analysis Name	CAS Number	Final Result		MDL	Final Result		MDL	DF
Volatiles in Air EPA TO-15			ug/m3		ug/m3	ppb(v)		ppb(v)	
05298	Methyl t-Butyl Ether	1634-04-4	N.D.		0.72	N.D.		0.20	1
05298	4-Methyl-2-pentanone	108-10-1	N.D.		2.0	N.D.		0.50	1
05298	Methylene Chloride	75-09-2	N.D.		0.69	N.D.		0.20	1
05298	Octane	111-65-9	1.5	J	0.93	0.32	J	0.20	1
05298	Pentane	109-66-0	11		0.59	3.7		0.20	1
05298	Styrene	100-42-5	N.D.		0.85	N.D.		0.20	1
05298	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		1.4	N.D.		0.20	1
05298	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.4	N.D.		0.20	1
05298	Tetrachloroethene	127-18-4	N.D.		1.4	N.D.		0.20	1
05298	Toluene	108-88-3	0.85	J	0.75	0.23	J	0.20	1
05298	1,1,1-Trichloroethane	71-55-6	N.D.		1.1	N.D.		0.20	1
05298	1,1,2-Trichloroethane	79-00-5	N.D.		1.1	N.D.		0.20	1
05298	Trichloroethene	79-01-6	N.D.		1.1	N.D.		0.20	1
05298	Trichlorofluoromethane	75-69-4	1.4	J	1.1	0.25	J	0.20	1
05298	1,2,3-Trichloropropane	96-18-4	N.D.		1.2	N.D.		0.20	1
05298	1,2,4-Trimethylbenzene	95-63-6	N.D.		0.98	N.D.		0.20	1
05298	1,3,5-Trimethylbenzene	108-67-8	N.D.		0.98	N.D.		0.20	1
05298	Vinyl Chloride	75-01-4	N.D.		0.51	N.D.		0.20	1
05298	m/p-Xylene	179601-23-1	N.D.		0.87	N.D.		0.20	1
05298	o-Xylene	95-47-6	N.D.		0.87	N.D.		0.20	1

MDL = Method Detection Limit

Sample Comments

State of Texas Lab Certification No. T104704194-15-20

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07090	Methane/Ethane/Propane/Butane/Pentane	EPA 18 mod/EPA 25 mod	1	M1723030AA	08/18/2017 19:43	Alexander D Sechrist	2
05298	TO 15 VOA Ext. List	EPA TO-15	1	E1723030AA	08/18/2017 23:31	Jacob E Bailey	1

Quality Control Summary

Client Name: Weston Solutions
Reported: 08/19/2017 18:22

Group Number: 1839607

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Method Blank

Analysis Name	Result ug/m3	MDL ug/m3	Result ppb(v)	MDL ppb(v)
Batch number: E1723030AA	Sample number(s): 9163814-9163823			
Acetone	N.D.	1.2	N.D.	0.50
Benzene	N.D.	0.64	N.D.	0.20
Bromobenzene	N.D.	1.3	N.D.	0.20
Bromodichloromethane	N.D.	1.3	N.D.	0.20
Bromoform	N.D.	2.1	N.D.	0.20
Bromomethane	N.D.	1.9	N.D.	0.50
1,3-Butadiene	N.D.	0.88	N.D.	0.40
2-Butanone	N.D.	1.5	N.D.	0.50
Carbon Disulfide	N.D.	1.6	N.D.	0.50
Carbon Tetrachloride	N.D.	1.3	N.D.	0.20
Chlorobenzene	N.D.	0.92	N.D.	0.20
Chlorodifluoromethane	N.D.	0.71	N.D.	0.20
Chloroethane	N.D.	0.53	N.D.	0.20
Chloroform	N.D.	0.98	N.D.	0.20
Chloromethane	N.D.	0.41	N.D.	0.20
3-Chloropropene	N.D.	0.63	N.D.	0.20
Cumene	N.D.	0.98	N.D.	0.20
Dibromochloromethane	N.D.	1.7	N.D.	0.20
1,2-Dibromoethane	N.D.	1.5	N.D.	0.20
Dibromomethane	N.D.	1.4	N.D.	0.20
1,2-Dichlorobenzene	N.D.	1.2	N.D.	0.20
1,3-Dichlorobenzene	N.D.	1.2	N.D.	0.20
1,4-Dichlorobenzene	N.D.	1.2	N.D.	0.20
Dichlorodifluoromethane	N.D.	0.99	N.D.	0.20
1,1-Dichloroethane	N.D.	0.81	N.D.	0.20
1,2-Dichloroethane	N.D.	0.81	N.D.	0.20
1,1-Dichloroethene	N.D.	0.79	N.D.	0.20
cis-1,2-Dichloroethene	N.D.	0.79	N.D.	0.20
trans-1,2-Dichloroethene	N.D.	0.79	N.D.	0.20
Dichlorofluoromethane	N.D.	0.84	N.D.	0.20
1,2-Dichloropropane	N.D.	0.92	N.D.	0.20
cis-1,3-Dichloropropene	N.D.	0.91	N.D.	0.20
trans-1,3-Dichloropropene	N.D.	0.91	N.D.	0.20
Ethylbenzene	N.D.	0.87	N.D.	0.20
4-Ethyltoluene	N.D.	0.98	N.D.	0.20
Freon 113	N.D.	3.8	N.D.	0.50
Freon 114	N.D.	1.4	N.D.	0.20
Heptane	N.D.	2.0	N.D.	0.50
Hexachloroethane	N.D.	4.8	N.D.	0.50
Hexane	N.D.	0.70	N.D.	0.20

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: Weston Solutions
Reported: 08/19/2017 18:22

Group Number: 1839607

Method Blank (continued)

Analysis Name	Result ug/m3	MDL ug/m3	Result ppb(v)	MDL ppb(v)
2-Hexanone	N.D.	2.0	N.D.	0.50
Isooctane	N.D.	0.93	N.D.	0.20
Methyl t-Butyl Ether	N.D.	0.72	N.D.	0.20
4-Methyl-2-pentanone	N.D.	2.0	N.D.	0.50
Methylene Chloride	N.D.	0.69	N.D.	0.20
Octane	N.D.	2.3	N.D.	0.50
Pentane	N.D.	1.5	N.D.	0.50
Styrene	N.D.	0.85	N.D.	0.20
1,1,1,2-Tetrachloroethane	N.D.	1.4	N.D.	0.20
1,1,2,2-Tetrachloroethane	N.D.	1.4	N.D.	0.20
Tetrachloroethene	N.D.	1.4	N.D.	0.20
Toluene	N.D.	0.75	N.D.	0.20
1,1,1-Trichloroethane	N.D.	1.1	N.D.	0.20
1,1,2-Trichloroethane	N.D.	1.1	N.D.	0.20
Trichloroethene	N.D.	1.1	N.D.	0.20
Trichlorofluoromethane	N.D.	1.1	N.D.	0.20
1,2,3-Trichloropropane	N.D.	1.2	N.D.	0.20
1,2,4-Trimethylbenzene	N.D.	0.98	N.D.	0.20
1,3,5-Trimethylbenzene	N.D.	0.98	N.D.	0.20
Vinyl Chloride	N.D.	0.51	N.D.	0.20
m/p-Xylene	N.D.	0.87	N.D.	0.20
o-Xylene	N.D.	0.87	N.D.	0.20
Batch number: M1723030AA	Sample number(s): 9163814-9163823			
Butane	N.D.	700	N.D.	300
Ethane	N.D.	500	N.D.	500
Methane	N.D.	1,000	N.D.	2,000
Pentane	N.D.	900	N.D.	300
Propane	N.D.	400	N.D.	200

LCS/LCSD

Analysis Name	LCS Spike Added ug/m3	LCS Conc ug/m3	LCSD Spike Added ug/m3	LCSD Conc ug/m3	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: E1723030AA	Sample number(s): 9163814-9163823								
Acetone	23.76	26.3	23.76	25.98	111	109	71-136	1	25
Benzene	31.95	34.95	31.95	33.61	109	105	76-123	4	25
Bromobenzene	64.22	65.95	64.22	65.74	103	102	74-118	0	25
Bromodichloromethane	67.01	74.7	67.01	73.77	111	110	75-134	1	25
Bromoform	103.37	108.99	103.37	108.58	105	105	69-128	0	25
Bromomethane	38.83	40.73	38.83	41.13	105	106	71-133	1	25
1,3-Butadiene	22.12	22.92	22.12	22.94	104	104	72-122	0	25
2-Butanone	29.49	32.45	29.49	31.88	110	108	75-126	2	25
Carbon Disulfide	31.14	34.91	31.14	34.44	112	111	72-128	1	25
Carbon Tetrachloride	62.91	66.49	62.91	67.2	106	107	72-127	1	25

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: Weston Solutions
Reported: 08/19/2017 18:22

Group Number: 1839607

LCS/LCSD (continued)

Analysis Name	LCS Spike Added ug/m3	LCS Conc ug/m3	LCSD Spike Added ug/m3	LCSD Conc ug/m3	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Chlorobenzene	46.04	46.84	46.04	46.94	102	102	76-117	0	25
Chlorodifluoromethane	35.37	41.96	35.37	41.39	119	117	70-138	1	25
Chloroethane	26.38	29.62	26.38	29.11	112	110	76-129	2	25
Chloroform	48.83	55.47	48.83	53.86	114	110	75-127	3	25
Chloromethane	20.65	22.74	20.65	22.97	110	111	65-140	1	25
3-Chloropropene	31.3	41.67	31.3	40.7	133	130	67-141	2	25
Cumene	49.16	53.37	49.16	54.23	109	110	74-121	2	25
Dibromochloromethane	85.19	92.03	85.19	91.78	108	108	74-131	0	25
1,2-Dibromoethane	76.83	81.2	76.83	82.97	106	108	73-121	2	25
Dibromomethane	71.1	78.02	71.1	76.68	110	108	76-124	2	25
1,2-Dichlorobenzene	60.12	63.62	60.12	64.8	106	108	71-126	2	25
1,3-Dichlorobenzene	60.12	65.85	60.12	66.78	110	111	75-129	1	25
1,4-Dichlorobenzene	60.12	64.56	60.12	65.26	107	109	74-123	1	25
Dichlorodifluoromethane	49.45	55.42	49.45	54.37	112	110	74-133	2	25
1,1-Dichloroethane	40.47	46.07	40.47	45.88	114	113	74-129	0	25
1,2-Dichloroethane	40.47	46.96	40.47	46	116	114	72-138	2	25
1,1-Dichloroethene	39.65	43.55	39.65	44.18	110	111	70-129	1	25
cis-1,2-Dichloroethene	39.65	42.58	39.65	41.87	107	106	76-126	2	25
trans-1,2-Dichloroethene	39.65	44.75	39.65	43.12	113	109	77-128	4	25
Dichlorofluoromethane	42.09	48.9	42.09	48.43	116	115	75-137	1	25
1,2-Dichloropropane	46.21	50.28	46.21	48.28	109	104	75-127	4	25
cis-1,3-Dichloropropene	45.39	46.64	45.39	45.83	103	101	51-120	2	25
trans-1,3-Dichloropropene	45.39	47.5	45.39	48.06	105	106	72-119	1	25
Ethylbenzene	43.42	43.65	43.42	43.83	101	101	77-117	0	25
4-Ethyltoluene	49.16	54.68	49.16	53.76	111	109	73-130	2	25
Freon 113	76.64	80.8	76.64	79.76	105	104	66-119	1	25
Freon 114	69.91	76.86	69.91	75.97	110	109	66-126	1	25
Heptane	40.98	44.2	40.98	42.67	108	104	74-122	4	25
Hexachloroethane	96.83	118.81	96.83	119.91	123	124	59-135	1	25
Hexane	35.25	35.42	35.25	34.49	100	98	70-118	3	25
2-Hexanone	40.97	42.85	40.97	44.57	105	109	63-144	4	25
Isooctane	46.72	49.98	46.72	51.39	107	110	74-127	3	25
Methyl t-Butyl Ether	36.05	36.34	36.05	35.96	101	100	71-119	1	25
4-Methyl-2-pentanone	40.97	43.92	40.97	44.16	107	108	68-133	1	25
Methylene Chloride	34.74	44.3	34.74	43.36	128	125	69-128	2	25
Octane	46.72	50.39	46.72	50.86	108	109	73-122	1	25
Pentane	29.51	29.78	29.51	30.28	101	103	69-125	2	25
Styrene	42.6	47.68	42.6	47.05	112	110	76-127	1	25
1,1,1,2-Tetrachloroethane	68.65	72.67	68.65	71.92	106	105	73-124	1	25
1,1,2,2-Tetrachloroethane	68.65	76.91	68.65	75.68	112	110	72-133	2	25
Tetrachloroethene	67.82	66.68	67.82	67.62	98	100	68-123	1	25
Toluene	37.69	39.33	37.69	38.94	104	103	78-119	1	25
1,1,1-Trichloroethane	54.56	58.36	54.56	56.77	107	104	74-122	3	25
1,1,2-Trichloroethane	54.56	60.14	54.56	58.98	110	108	76-127	2	25
Trichloroethene	53.74	58.18	53.74	56.72	108	106	76-118	3	25
Trichlorofluoromethane	56.18	61.45	56.18	60.31	109	107	73-132	2	25
1,2,3-Trichloropropane	60.3	67.31	60.3	67.53	112	112	71-127	0	25
1,2,4-Trimethylbenzene	49.16	57.49	49.16	56.43	117	115	70-138	2	25

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Quality Control Summary

Client Name: Weston Solutions
Reported: 08/19/2017 18:22

Group Number: 1839607

LCS/LCSD (continued)

Analysis Name	LCS Spike Added ug/m3	LCS Conc ug/m3	LCSD Spike Added ug/m3	LCSD Conc ug/m3	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
1,3,5-Trimethylbenzene	49.16	54.86	49.16	55.29	112	112	72-130	1	25
Vinyl Chloride	25.56	28.8	25.56	27.77	113	109	75-130	4	25
m/p-Xylene	43.42	43.77	43.42	44.01	101	101	78-119	1	25
o-Xylene	43.42	43.7	43.42	44.44	101	102	78-121	2	25

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.
P###### is indicative of a Background or Unspiked sample that is batch matrix QC and was not performed using a sample from this submission group.

Summa Canister Field Test Data/Chain of Custody

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For Eurofins Lancaster Laboratories Environmental use only: Acct. # _____ Group # _____ Sample # _____ Bottle Order (SCR) # 210820

Client Information

Client: Weston Solutions, Inc. Account #: Client # 19740

Project Name/#: Pawhuska HS ER

Project Manager: Jeff Wright P.O. #:

Sampler: Sean Gaulas / Jose Ojeda Quote #:

Name of state where samples were collected: Oklahoma

Turnaround Time Requested (TAT) (circle one)

Standard Rush (specify) 100% (24hr)

Data Package Required? (Yes) No

EDD Required? (Yes) No

	Temperature (F)		Pressure ("Hg)	
	Start	Stop	Start	Stop
Ambient	69.1°F	85°F	29.4	30.00
Maximum	85°F			
Minimum	69.1°F			

Analyses Requested

Sample Identification	Start Date/Time (24-hour clock)	Stop Date/Time (24-hour clock)	Canister Pressure in Field ("Hg) (Start)	Canister Pressure in Field ("Hg) (Stop)	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Flow Reg. ID	Can ID	Can Size (L)	Controller Flowrate (mL/min)	EPA TO - 15	EPA 18	MTBE	BTEX	EPA 25 (select range below)	Helium as tracer	O2/CO2	Library Search
PHS-S003-20170817-01	08/17 0601	08/17 1414	-29.0	-3.5	N/A	N/A	339286	856	6	10.4	✓	✓						
PHS-S007-20170817-01	08/17 0546	08/17 1403	-28.5	-1.8	N/A	N/A	316959	1038	6	10.3	✓	✓						
PHS-S006-20170817-01	08/17 0556	08/17 1408	-27.5	-0.5	N/A	N/A	710559	1202	6	10.7	✓	✓						
PHS-S004-20170817-01	08/17 0609	08/17 1411	-30.0	-5.0	N/A	N/A	339241	1354	6	10.3	✓	✓						
PHS-S008-20170817-02	08/17 0552	08/17 1405	-30.0	-3.5	N/A	N/A	709000	1365	6	10.4	✓	✓						
PHS-S001-20170817-01	08/17 0554	08/17 1407	-29.5	0.0	N/A	N/A	338043	1373	6	10.5	✓	✓						
PHS-S002-20170817-01	08/17 0558	08/17 1409	-29.0	-6.5	N/A	N/A	338031	1413	6	10.2	✓	✓						
PHS-S005-20170817-01	08/17 0607	08/17 1410	-29.0	-0.5	N/A	N/A	415276	1438	6	10.6	✓	✓						
PHS-S008-20170817-01	08/17 0552	08/17 1405	-30.0	-3.0	N/A	N/A	824844	1459	6	10.4	✓	✓						
PHS-S009-20170817-01	08/17 0604	08/17 1415	-30.0	-1.3	N/A	N/A	930826	1493	6	10.7	✓	✓						
					N/A	N/A												

Instructions/QC Requirements & Comments

EPA 25 (check one) ☐ C1 - C4 ☐ C2 - C10 ☐ C1 - C10 ☐ C4 - C10 (GRO) ☐ C2 - C4

Canisters Shipped by:	Date/Time:	Canisters Received by:	Date/Time:	Relinquished by:	Date/Time:	Received by:	Date/Time:
16:00	8/15/17	J. Ojeda 8/16/17	1630	J. Ojeda 8/17/2017	10:00		
Relinquished by:	Date/Time:	Received by:	Date/Time:	Relinquished by:	Date/Time:	Received by:	Date/Time:
Relinquished by:	Date/Time:	Received by:	Date/Time:	Relinquished by:	Date/Time:	Received by:	Date/Time:
							8/18/17 8:00

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Sample Administration Receipt Documentation Log

Doc Log ID: 191939

Group Number(s): 1839607

Client: WESTON SOLUTIONS, INC.

Delivery and Receipt Information

Delivery Method:	Fed Ex	Arrival Timestamp:	08/18/2017 8:00
Number of Packages:	4	Number of Projects:	1
State/Province of Origin:	OK		

Arrival Condition Summary

Shipping Container Sealed:	Yes	Sample IDs on COC match Containers:	Yes
Custody Seal Present:	No	Sample Date/Times match COC:	Yes
Samples Chilled:	N/A	VOA Vial Headspace ≥ 6mm:	N/A
Paperwork Enclosed:	Yes	Total Trip Blank Qty:	0
Samples Intact:	Yes	Air Quality Samples Present:	Yes
Missing Samples:	No	Air Quality Flow Controllers Present:	Yes
Extra Samples:	No	Flow Controller Quantity:	10
Discrepancy in Container Qty on COC:	No	Air Quality Returns:	No

Unpacked by Nicole Reiff (25684) at 08:36 on 08/18/2017

2425 New Holland Pike
Lancaster, PA 17605-2425

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Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

BMQL	Below Minimum Quantitation Level	**mg**	milligram(s)
C	degrees Celsius	**mL**	milliliter(s)
cfu	colony forming units	**MPN**	Most Probable Number
CP Units	cobalt-chloroplatinate units	**N.D.**	non-detect
F	degrees Fahrenheit	**ng**	nanogram(s)
g	gram(s)	**NTU**	nephelometric turbidity units
IU	International Units	**pg/L**	picogram/liter
kg	kilogram(s)	**RL**	Reporting Limit
L	liter(s)	**TNTC**	Too Numerous To Count
lb.	pound(s)	**µg**	microgram(s)
m3	cubic meter(s)	**µL**	microliter(s)
meq	milliequivalents	**umhos/cm**	micromhos/cm

<	less than
>	greater than
ppm	parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg) or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.
ppb	parts per billion
Dry weight basis	Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff.

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Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" are not performed within 15 minutes.

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Data Qualifiers

Qualifier	Definition
C	Result confirmed by reanalysis
D1	Indicates for dual column analyses that the result is reported from column 1
D2	Indicates for dual column analyses that the result is reported from column 2
E	Concentration exceeds the calibration range
J (or G, I, X)	Estimated value >= the Method Detection Limit (MDL or DL) and < the Limit of Quantitation (LOQ or RL)
P	Concentration difference between the primary and confirmation column >40%. The lower result is reported.
U	Analyte was not detected at the value indicated
V	Concentration difference between the primary and confirmation column >100%. The reporting limit is raised due to this disparity and evident interference.
W	The dissolved oxygen uptake for the unseeded blank is greater than 0.20 mg/L.
Z	Laboratory Defined - see analysis report

Additional Organic and Inorganic CLP qualifiers may be used with Form 1 reports as defined by the CLP methods.
Qualifiers specific to Dioxin/Furans and PCB Congeners are detailed on the individual Analysis Report.