ANALYTICAL REPORT

March 07, 2017

CH2M Hill- Atlanta, GA

Sample Delivery Group:	L893060
Samples Received:	03/01/2017
Project Number:	684910.LD.MR.SW
Description:	Lewis Drive Site Surface water event

Report To: Bethany Garvey
6600 Peachtree Dunwoody Road
400 Embassy Row - Suite 600
Atlanta, GA 30328

Entire Report Reviewed By:

Chris McCord
Technical Service Representative

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.

[9]Sc: Chain of Custody

SW115-022817 L893060-01 GW

Collected by: JM/Tim | Collected date/time: 02/28/17 10:00 | Received date/time: 03/01/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG956973	1	03/05/17 12:22	03/05/17 12:22	LRL

SW111-022817 L893060-02 GW

Collected by: JM/Tim | Collected date/time: 02/28/17 10:35 | Received date/time: 03/01/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG956973	1	03/05/17 12:36	03/05/17 12:36	LRL

SW110-022817 L893060-03 GW

Collected by: JM/Tim | Collected date/time: 02/28/17 10:50 | Received date/time: 03/01/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG956973	1	03/05/17 12:49	03/05/17 12:49	LRL

SW109-022817 L893060-04 GW

Collected by: JM/Tim | Collected date/time: 02/28/17 11:15 | Received date/time: 03/01/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG956973	1	03/05/17 13:02	03/05/17 13:02	LRL

SW108-022817 L893060-05 GW

Collected by: JM/Tim | Collected date/time: 02/28/17 11:45 | Received date/time: 03/01/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG956973	1	03/05/17 13:16	03/05/17 13:16	LRL

SW105-022817 L893060-06 GW

Collected by: JM/Tim | Collected date/time: 02/28/17 13:00 | Received date/time: 03/01/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG956973	1	03/05/17 13:29	03/05/17 13:29	LRL

SW102-022817 L893060-07 GW

Collected by: JM/Tim | Collected date/time: 02/28/17 13:20 | Received date/time: 03/01/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG956973	1	03/05/17 13:43	03/05/17 13:43	LRL

SW101-022817 L893060-08 GW

Collected by: JM/Tim | Collected date/time: 02/28/17 13:45 | Received date/time: 03/01/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG956973	1	03/05/17 13:56	03/05/17 13:56	LRL

SW-01-022817 L893060-09 GW

Collected by: JM/Tim | Collected date/time: 02/28/17 14:20 | Received date/time: 03/01/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG956973	1	03/05/17 14:09	03/05/17 14:09	LRL

SW-12-022817 L893060-10 GW

Collected by: JM/Tim | Collected date/time: 02/28/17 14:40 | Received date/time: 03/01/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG956973	1	03/05/17 14:23	03/05/17 14:23	LRL

SW-03-022817 L893060-11 GW

Collected by: JM/Tim | Collected date/time: 02/28/17 14:55 | Received date/time: 03/01/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG956973	1	03/05/17 14:36	03/05/17 14:36	LRL

SW-09-022817 L893060-12 GW

Collected by: JM/Tim | Collected date/time: 02/28/17 16:20 | Received date/time: 03/01/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG956973	1	03/05/17 14:50	03/05/17 14:50	LRL

FP-03-022817 L893060-13 GW

Collected by: JM/Tim | Collected date/time: 02/28/17 15:50 | Received date/time: 03/01/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG956973	1	03/05/17 15:03	03/05/17 15:03	LRL

FP-02-022817 L893060-14 GW

Collected by: JM/Tim | Collected date/time: 02/28/17 16:10 | Received date/time: 03/01/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG956973	1	03/05/17 15:16	03/05/17 15:16	LRL

FP-01-022817 L893060-15 GW

Collected by: JM/Tim | Collected date/time: 02/28/17 16:00 | Received date/time: 03/01/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG956973	1	03/05/17 15:30	03/05/17 15:30	LRL

SW116-022817 L893060-16 GW

Collected by: JM/Tim | Collected date/time: 02/28/17 10:00 | Received date/time: 03/01/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG956973	1	03/05/17 15:43	03/05/17 15:43	LRL

SW114-022817 L893060-17 GW

Collected by: JM/Tim | Collected date/time: 02/28/17 10:21 | Received date/time: 03/01/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG956973	1	03/05/17 15:57	03/05/17 15:57	LRL

SW112-022817 L893060-18 GW

Collected by: JM/Tim | Collected date/time: 02/28/17 10:37 | Received date/time: 03/01/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG956973	1	03/05/17 16:10	03/05/17 16:10	LRL

SW113-022817 L893060-19 GW

Collected by: JM/Tim | Collected date/time: 02/28/17 10:55 | Received date/time: 03/01/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG956973	1	03/05/17 16:24	03/05/17 16:24	LRL

SW106-022817 L893060-20 GW

Collected by: JM/Tim | Collected date/time: 02/28/17 11:20 | Received date/time: 03/01/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG956973	1	03/05/17 16:37	03/05/17 16:37	LRL

SW107-022817 L893060-21 GW

Collected by: JM/Tim | Collected date/time: 02/28/17 11:42 | Received date/time: 03/01/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG956975	1	03/04/17 01:39	03/04/17 01:39	ACG

SW104-022817 L893060-22 GW

Collected by: JM/Tim | Collected date/time: 02/28/17 12:05 | Received date/time: 03/01/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG956975	1	03/04/17 02:00	03/04/17 02:00	ACG

SW103-022817 L893060-23 GW

Collected by: JM/Tim | Collected date/time: 02/28/17 12:24 | Received date/time: 03/01/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG956975	1	03/04/17 02:20	03/04/17 02:20	ACG

SW-11-022817 L893060-24 GW

Collected by: JM/Tim | Collected date/time: 02/28/17 13:30 | Received date/time: 03/01/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG956975	1	03/04/17 02:41	03/04/17 02:41	ACG

SW-10-022817 L893060-25 GW

Collected by: JM/Tim | Collected date/time: 02/28/17 13:45 | Received date/time: 03/01/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG956975	1	03/04/17 03:02	03/04/17 03:02	ACG

SW-02-022817 L893060-26 GW

Collected by: JM/Tim | Collected date/time: 02/28/17 14:17 | Received date/time: 03/01/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG956975	1	03/04/17 03:23	03/04/17 03:23	ACG

SW100-022817 L893060-27 GW

Collected by: JM/Tim | Collected date/time: 02/28/17 15:00 | Received date/time: 03/01/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG956975	1	03/04/17 03:44	03/04/17 03:44	ACG

SW-13-022817 L893060-28 GW

Collected by: JM/Tim | Collected date/time: 02/28/17 15:30 | Received date/time: 03/01/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG956975	1	03/04/17 04:04	03/04/17 04:04	ACG

SW-08-022817 L893060-29 GW

Collected by: JM/Tim | Collected date/time: 02/28/17 15:40 | Received date/time: 03/01/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG956975	1	03/04/17 04:25	03/04/17 04:25	ACG

SW-04-022817 L893060-30 GW

Collected by: JM/Tim | Collected date/time: 02/28/17 16:09 | Received date/time: 03/01/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG956975	1	03/04/17 04:46	03/04/17 04:46	ACG

TRIP BLANK L893060-31 GW

Collected by: JM/Tim | Collected date/time: 02/28/17 16:40 | Received date/time: 03/01/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG956975	1	03/03/17 22:32	03/03/17 22:32	ACG

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. All MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Chris McCord
Technical Service Representative

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	03/05/2017 12:22	WG956973
Toluene	ND		0.00100	1	03/05/2017 12:22	WG956973
Ethylbenzene	ND		0.00100	1	03/05/2017 12:22	WG956973
Xylenes, Total	ND		0.00300	1	03/05/2017 12:22	WG956973
Naphthalene	ND		0.00500	1	03/05/2017 12:22	WG956973
(S) Toluene-d8	*101*		*80.0-120*		*03/05/2017 12:22*	WG956973
(S) Dibromofluoromethane	*87.8*		*76.0-123*		*03/05/2017 12:22*	WG956973
(S) a,a,a-Trifluorotoluene	*103*		*80.0-120*		*03/05/2017 12:22*	WG956973
(S) 4-Bromofluorobenzene	*103*		*80.0-120*		*03/05/2017 12:22*	WG956973

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Benzene	ND		0.00100	1	03/05/2017 12:36	WG956973
Toluene	ND		0.00100	1	03/05/2017 12:36	WG956973
Ethylbenzene	ND		0.00100	1	03/05/2017 12:36	WG956973
Xylenes, Total	ND		0.00300	1	03/05/2017 12:36	WG956973
Naphthalene	ND		0.00500	1	03/05/2017 12:36	WG956973
(S) Toluene-d8	*101*		*80.0-120*		*03/05/2017 12:36*	WG956973
(S) Dibromofluoromethane	*87.8*		*76.0-123*		*03/05/2017 12:36*	WG956973
(S) a,a,a-Trifluorotoluene	*103*		*80.0-120*		*03/05/2017 12:36*	WG956973
(S) 4-Bromofluorobenzene	*104*		*80.0-120*		*03/05/2017 12:36*	WG956973

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	03/05/2017 12:49	WG956973
Toluene	ND		0.00100	1	03/05/2017 12:49	WG956973
Ethylbenzene	ND		0.00100	1	03/05/2017 12:49	WG956973
Xylenes, Total	ND		0.00300	1	03/05/2017 12:49	WG956973
Naphthalene	ND		0.00500	1	03/05/2017 12:49	WG956973
(S) Toluene-d8	*101*		*80.0-120*		*03/05/2017 12:49*	WG956973
(S) Dibromofluoromethane	*87.9*		*76.0-123*		*03/05/2017 12:49*	WG956973
(S) a,a,a-Trifluorotoluene	*103*		*80.0-120*		*03/05/2017 12:49*	WG956973
(S) 4-Bromofluorobenzene	*104*		*80.0-120*		*03/05/2017 12:49*	WG956973

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Benzene	ND		0.00100	1	03/05/2017 13:02	WG956973
Toluene	ND		0.00100	1	03/05/2017 13:02	WG956973
Ethylbenzene	ND		0.00100	1	03/05/2017 13:02	WG956973
Xylenes, Total	ND		0.00300	1	03/05/2017 13:02	WG956973
Naphthalene	ND		0.00500	1	03/05/2017 13:02	WG956973
(S) Toluene-d8	*101*		*80.0-120*		*03/05/2017 13:02*	WG956973
(S) Dibromofluoromethane	*86.4*		*76.0-123*		*03/05/2017 13:02*	WG956973
(S) a,a,a-Trifluorotoluene	*103*		*80.0-120*		*03/05/2017 13:02*	WG956973
(S) 4-Bromofluorobenzene	*102*		*80.0-120*		*03/05/2017 13:02*	WG956973

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Benzene	ND		0.00100	1	03/05/2017 13:16	WG956973
Toluene	ND		0.00100	1	03/05/2017 13:16	WG956973
Ethylbenzene	ND		0.00100	1	03/05/2017 13:16	WG956973
Xylenes, Total	ND		0.00300	1	03/05/2017 13:16	WG956973
Naphthalene	ND		0.00500	1	03/05/2017 13:16	WG956973
(S) Toluene-d8	*102*		*80.0-120*		*03/05/2017 13:16*	WG956973
(S) Dibromofluoromethane	*87.0*		*76.0-123*		*03/05/2017 13:16*	WG956973
(S) a,a,a-Trifluorotoluene	*102*		*80.0-120*		*03/05/2017 13:16*	WG956973
(S) 4-Bromofluorobenzene	*104*		*80.0-120*		*03/05/2017 13:16*	WG956973

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	03/05/2017 13:29	WG956973
Toluene	ND		0.00100	1	03/05/2017 13:29	WG956973
Ethylbenzene	ND		0.00100	1	03/05/2017 13:29	WG956973
Xylenes, Total	ND		0.00300	1	03/05/2017 13:29	WG956973
Naphthalene	ND		0.00500	1	03/05/2017 13:29	WG956973
(S) Toluene-d8	*101*		*80.0-120*		*03/05/2017 13:29*	WG956973
(S) Dibromofluoromethane	*86.8*		*76.0-123*		*03/05/2017 13:29*	WG956973
(S) a,a,a-Trifluorotoluene	*102*		*80.0-120*		*03/05/2017 13:29*	WG956973
(S) 4-Bromofluorobenzene	*103*		*80.0-120*		*03/05/2017 13:29*	WG956973

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Benzene	ND		0.00100	1	03/05/2017 13:43	WG956973
Toluene	ND		0.00100	1	03/05/2017 13:43	WG956973
Ethylbenzene	ND		0.00100	1	03/05/2017 13:43	WG956973
Xylenes, Total	ND		0.00300	1	03/05/2017 13:43	WG956973
Naphthalene	ND		0.00500	1	03/05/2017 13:43	WG956973
(S) Toluene-d8	*102*		*80.0-120*		*03/05/2017 13:43*	WG956973
(S) Dibromofluoromethane	*86.7*		*76.0-123*		*03/05/2017 13:43*	WG956973
(S) a,a,a-Trifluorotoluene	*102*		*80.0-120*		*03/05/2017 13:43*	WG956973
(S) 4-Bromofluorobenzene	*102*		*80.0-120*		*03/05/2017 13:43*	WG956973

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	03/05/2017 13:56	WG956973
Toluene	ND		0.00100	1	03/05/2017 13:56	WG956973
Ethylbenzene	ND		0.00100	1	03/05/2017 13:56	WG956973
Xylenes, Total	ND		0.00300	1	03/05/2017 13:56	WG956973
Naphthalene	ND		0.00500	1	03/05/2017 13:56	WG956973
(S) Toluene-d8	*101*		*80.0-120*		*03/05/2017 13:56*	WG956973
(S) Dibromofluoromethane	*89.1*		*76.0-123*		*03/05/2017 13:56*	WG956973
(S) a,a,a-Trifluorotoluene	*102*		*80.0-120*		*03/05/2017 13:56*	WG956973
(S) 4-Bromofluorobenzene	*105*		*80.0-120*		*03/05/2017 13:56*	WG956973

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Benzene	0.0185		0.00100	1	03/05/2017 14:09	WG956973
Toluene	0.0370		0.00100	1	03/05/2017 14:09	WG956973
Ethylbenzene	0.00193		0.00100	1	03/05/2017 14:09	WG956973
Xylenes, Total	0.0240		0.00300	1	03/05/2017 14:09	WG956973
Naphthalene	ND		0.00500	1	03/05/2017 14:09	WG956973
(S) Toluene-d8	*102*		*80.0-120*		*03/05/2017 14:09*	WG956973
(S) Dibromofluoromethane	*87.7*		*76.0-123*		*03/05/2017 14:09*	WG956973
(S) α,α,α-Trifluorotoluene	*103*		*80.0-120*		*03/05/2017 14:09*	WG956973
(S) 4-Bromofluorobenzene	*104*		*80.0-120*		*03/05/2017 14:09*	WG956973

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Benzene	0.0261		0.00100	1	03/05/2017 14:23	WG956973
Toluene	0.0623		0.00100	1	03/05/2017 14:23	WG956973
Ethylbenzene	0.00404		0.00100	1	03/05/2017 14:23	WG956973
Xylenes, Total	0.0277		0.00300	1	03/05/2017 14:23	WG956973
Naphthalene	ND		0.00500	1	03/05/2017 14:23	WG956973
(S) Toluene-d8	*101*		*80.0-120*		*03/05/2017 14:23*	WG956973
(S) Dibromofluoromethane	*87.1*		*76.0-123*		*03/05/2017 14:23*	WG956973
(S) a,a,a-Trifluorotoluene	*102*		*80.0-120*		*03/05/2017 14:23*	WG956973
(S) 4-Bromofluorobenzene	*103*		*80.0-120*		*03/05/2017 14:23*	WG956973

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Benzene	ND		0.00100	1	03/05/2017 14:36	WG956973
Toluene	ND		0.00100	1	03/05/2017 14:36	WG956973
Ethylbenzene	ND		0.00100	1	03/05/2017 14:36	WG956973
Xylenes, Total	ND		0.00300	1	03/05/2017 14:36	WG956973
Naphthalene	ND		0.00500	1	03/05/2017 14:36	WG956973
(S) Toluene-d8	*101*		*80.0-120*		*03/05/2017 14:36*	WG956973
(S) Dibromofluoromethane	*87.4*		*76.0-123*		*03/05/2017 14:36*	WG956973
(S) a,a,a-Trifluorotoluene	*102*		*80.0-120*		*03/05/2017 14:36*	WG956973
(S) 4-Bromofluorobenzene	*102*		*80.0-120*		*03/05/2017 14:36*	WG956973

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Benzene	ND		0.00100	1	03/05/2017 14:50	WG956973
Toluene	ND		0.00100	1	03/05/2017 14:50	WG956973
Ethylbenzene	ND		0.00100	1	03/05/2017 14:50	WG956973
Xylenes, Total	ND		0.00300	1	03/05/2017 14:50	WG956973
Naphthalene	ND		0.00500	1	03/05/2017 14:50	WG956973
(S) Toluene-d8	*101*		*80.0-120*		*03/05/2017 14:50*	WG956973
(S) Dibromofluoromethane	*87.6*		*76.0-123*		*03/05/2017 14:50*	WG956973
(S) a,a,a-Trifluorotoluene	*102*		*80.0-120*		*03/05/2017 14:50*	WG956973
(S) 4-Bromofluorobenzene	*103*		*80.0-120*		*03/05/2017 14:50*	WG956973

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Benzene	ND		0.00100	1	03/05/2017 15:03	WG956973
Toluene	ND		0.00100	1	03/05/2017 15:03	WG956973
Ethylbenzene	ND		0.00100	1	03/05/2017 15:03	WG956973
Xylenes, Total	ND		0.00300	1	03/05/2017 15:03	WG956973
Naphthalene	ND		0.00500	1	03/05/2017 15:03	WG956973
(S) Toluene-d8	*101*		*80.0-120*		*03/05/2017 15:03*	WG956973
(S) Dibromofluoromethane	*87.4*		*76.0-123*		*03/05/2017 15:03*	WG956973
(S) a,a,a-Trifluorotoluene	*101*		*80.0-120*		*03/05/2017 15:03*	WG956973
(S) 4-Bromofluorobenzene	*103*		*80.0-120*		*03/05/2017 15:03*	WG956973

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	03/05/2017 15:16	WG956973
Toluene	ND		0.00100	1	03/05/2017 15:16	WG956973
Ethylbenzene	ND		0.00100	1	03/05/2017 15:16	WG956973
Xylenes, Total	ND		0.00300	1	03/05/2017 15:16	WG956973
Naphthalene	ND		0.00500	1	03/05/2017 15:16	WG956973
(S) Toluene-d8	*102*		*80.0-120*		*03/05/2017 15:16*	WG956973
(S) Dibromofluoromethane	*86.8*		*76.0-123*		*03/05/2017 15:16*	WG956973
(S) a,a,a-Trifluorotoluene	*103*		*80.0-120*		*03/05/2017 15:16*	WG956973
(S) 4-Bromofluorobenzene	*103*		*80.0-120*		*03/05/2017 15:16*	WG956973

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Benzene	ND		0.00100	1	03/05/2017 15:30	WG956973
Toluene	ND		0.00100	1	03/05/2017 15:30	WG956973
Ethylbenzene	ND		0.00100	1	03/05/2017 15:30	WG956973
Xylenes, Total	ND		0.00300	1	03/05/2017 15:30	WG956973
Naphthalene	ND		0.00500	1	03/05/2017 15:30	WG956973
(S) Toluene-d8	*101*		*80.0-120*		*03/05/2017 15:30*	WG956973
(S) Dibromofluoromethane	*86.6*		*76.0-123*		*03/05/2017 15:30*	WG956973
(S) a,a,a-Trifluorotoluene	*101*		*80.0-120*		*03/05/2017 15:30*	WG956973
(S) 4-Bromofluorobenzene	*101*		*80.0-120*		*03/05/2017 15:30*	WG956973

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Benzene	ND		0.00100	1	03/05/2017 15:43	WG956973
Toluene	ND		0.00100	1	03/05/2017 15:43	WG956973
Ethylbenzene	ND		0.00100	1	03/05/2017 15:43	WG956973
Xylenes, Total	ND		0.00300	1	03/05/2017 15:43	WG956973
Naphthalene	ND		0.00500	1	03/05/2017 15:43	WG956973
(S) Toluene-d8	*101*		*80.0-120*		*03/05/2017 15:43*	WG956973
(S) Dibromofluoromethane	*87.5*		*76.0-123*		*03/05/2017 15:43*	WG956973
(S) a,a,a-Trifluorotoluene	*102*		*80.0-120*		*03/05/2017 15:43*	WG956973
(S) 4-Bromofluorobenzene	*103*		*80.0-120*		*03/05/2017 15:43*	WG956973

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Benzene	ND		0.00100	1	03/05/2017 15:57	WG956973
Toluene	ND		0.00100	1	03/05/2017 15:57	WG956973
Ethylbenzene	ND		0.00100	1	03/05/2017 15:57	WG956973
Xylenes, Total	ND		0.00300	1	03/05/2017 15:57	WG956973
Naphthalene	ND		0.00500	1	03/05/2017 15:57	WG956973
(S) Toluene-d8	*101*		*80.0-120*		*03/05/2017 15:57*	WG956973
(S) Dibromofluoromethane	*86.8*		*76.0-123*		*03/05/2017 15:57*	WG956973
(S) a,a,a-Trifluorotoluene	*102*		*80.0-120*		*03/05/2017 15:57*	WG956973
(S) 4-Bromofluorobenzene	*103*		*80.0-120*		*03/05/2017 15:57*	WG956973

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Benzene	ND		0.00100	1	03/05/2017 16:10	WG956973
Toluene	ND		0.00100	1	03/05/2017 16:10	WG956973
Ethylbenzene	ND		0.00100	1	03/05/2017 16:10	WG956973
Xylenes, Total	ND		0.00300	1	03/05/2017 16:10	WG956973
Naphthalene	ND		0.00500	1	03/05/2017 16:10	WG956973
(S) Toluene-d8	*102*		*80.0-120*		*03/05/2017 16:10*	WG956973
(S) Dibromofluoromethane	*86.3*		*76.0-123*		*03/05/2017 16:10*	WG956973
(S) a,a,a-Trifluorotoluene	*102*		*80.0-120*		*03/05/2017 16:10*	WG956973
(S) 4-Bromofluorobenzene	*103*		*80.0-120*		*03/05/2017 16:10*	WG956973

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Benzene	ND		0.00100	1	03/05/2017 16:24	WG956973
Toluene	ND		0.00100	1	03/05/2017 16:24	WG956973
Ethylbenzene	ND		0.00100	1	03/05/2017 16:24	WG956973
Xylenes, Total	ND		0.00300	1	03/05/2017 16:24	WG956973
Naphthalene	ND		0.00500	1	03/05/2017 16:24	WG956973
(S) Toluene-d8	*101*		*80.0-120*		*03/05/2017 16:24*	WG956973
(S) Dibromofluoromethane	*86.7*		*76.0-123*		*03/05/2017 16:24*	WG956973
(S) a,a,a-Trifluorotoluene	*101*		*80.0-120*		*03/05/2017 16:24*	WG956973
(S) 4-Bromofluorobenzene	*103*		*80.0-120*		*03/05/2017 16:24*	WG956973

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Benzene	ND		0.00100	1	03/05/2017 16:37	WG956973
Toluene	ND		0.00100	1	03/05/2017 16:37	WG956973
Ethylbenzene	ND		0.00100	1	03/05/2017 16:37	WG956973
Xylenes, Total	ND		0.00300	1	03/05/2017 16:37	WG956973
Naphthalene	ND		0.00500	1	03/05/2017 16:37	WG956973
(S) Toluene-d8	*102*		*80.0-120*		*03/05/2017 16:37*	WG956973
(S) Dibromofluoromethane	*88.7*		*76.0-123*		*03/05/2017 16:37*	WG956973
(S) a,a,a-Trifluorotoluene	*103*		*80.0-120*		*03/05/2017 16:37*	WG956973
(S) 4-Bromofluorobenzene	*104*		*80.0-120*		*03/05/2017 16:37*	WG956973

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Benzene	ND		0.00100	1	03/04/2017 01:39	WG956975
Toluene	ND		0.00100	1	03/04/2017 01:39	WG956975
Ethylbenzene	ND		0.00100	1	03/04/2017 01:39	WG956975
Xylenes, Total	ND		0.00300	1	03/04/2017 01:39	WG956975
Naphthalene	ND		0.00500	1	03/04/2017 01:39	WG956975
(S) Toluene-d8	*102*		*80.0-120*		*03/04/2017 01:39*	WG956975
(S) Dibromofluoromethane	*97.7*		*76.0-123*		*03/04/2017 01:39*	WG956975
(S) a,a,a-Trifluorotoluene	*97.3*		*80.0-120*		*03/04/2017 01:39*	WG956975
(S) 4-Bromofluorobenzene	*87.6*		*80.0-120*		*03/04/2017 01:39*	WG956975

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Benzene	ND		0.00100	1	03/04/2017 02:00	WG956975
Toluene	0.00114		0.00100	1	03/04/2017 02:00	WG956975
Ethylbenzene	ND		0.00100	1	03/04/2017 02:00	WG956975
Xylenes, Total	ND		0.00300	1	03/04/2017 02:00	WG956975
Naphthalene	ND		0.00500	1	03/04/2017 02:00	WG956975
(S) Toluene-d8	*103*		*80.0-120*		*03/04/2017 02:00*	WG956975
(S) Dibromofluoromethane	*99.4*		*76.0-123*		*03/04/2017 02:00*	WG956975
(S) a,a,a-Trifluorotoluene	*98.6*		*80.0-120*		*03/04/2017 02:00*	WG956975
(S) 4-Bromofluorobenzene	*86.8*		*80.0-120*		*03/04/2017 02:00*	WG956975

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Benzene	ND		0.00100	1	03/04/2017 02:20	WG956975
Toluene	ND		0.00100	1	03/04/2017 02:20	WG956975
Ethylbenzene	ND		0.00100	1	03/04/2017 02:20	WG956975
Xylenes, Total	ND		0.00300	1	03/04/2017 02:20	WG956975
Naphthalene	ND		0.00500	1	03/04/2017 02:20	WG956975
(S) Toluene-d8	*103*		*80.0-120*		*03/04/2017 02:20*	WG956975
(S) Dibromofluoromethane	*101*		*76.0-123*		*03/04/2017 02:20*	WG956975
(S) a,a,a-Trifluorotoluene	*98.4*		*80.0-120*		*03/04/2017 02:20*	WG956975
(S) 4-Bromofluorobenzene	*86.9*		*80.0-120*		*03/04/2017 02:20*	WG956975

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	03/04/2017 02:41	WG956975
Toluene	ND		0.00100	1	03/04/2017 02:41	WG956975
Ethylbenzene	ND		0.00100	1	03/04/2017 02:41	WG956975
Xylenes, Total	ND		0.00300	1	03/04/2017 02:41	WG956975
Naphthalene	ND		0.00500	1	03/04/2017 02:41	WG956975
(S) Toluene-d8	*102*		*80.0-120*		*03/04/2017 02:41*	WG956975
(S) Dibromofluoromethane	*99.4*		*76.0-123*		*03/04/2017 02:41*	WG956975
(S) a,a,a-Trifluorotoluene	*98.3*		*80.0-120*		*03/04/2017 02:41*	WG956975
(S) 4-Bromofluorobenzene	*88.4*		*80.0-120*		*03/04/2017 02:41*	WG956975

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Benzene	ND		0.00100	1	03/04/2017 03:02	WG956975
Toluene	ND		0.00100	1	03/04/2017 03:02	WG956975
Ethylbenzene	ND		0.00100	1	03/04/2017 03:02	WG956975
Xylenes, Total	ND		0.00300	1	03/04/2017 03:02	WG956975
Naphthalene	ND		0.00500	1	03/04/2017 03:02	WG956975
(S) Toluene-d8	*103*		*80.0-120*		*03/04/2017 03:02*	WG956975
(S) Dibromofluoromethane	*100*		*76.0-123*		*03/04/2017 03:02*	WG956975
(S) a,a,a-Trifluorotoluene	*98.5*		*80.0-120*		*03/04/2017 03:02*	WG956975
(S) 4-Bromofluorobenzene	*84.9*		*80.0-120*		*03/04/2017 03:02*	WG956975

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.0107		0.00100	1	03/04/2017 03:23	WG956975
Toluene	0.0110		0.00100	1	03/04/2017 03:23	WG956975
Ethylbenzene	ND		0.00100	1	03/04/2017 03:23	WG956975
Xylenes, Total	0.00837		0.00300	1	03/04/2017 03:23	WG956975
Naphthalene	ND		0.00500	1	03/04/2017 03:23	WG956975
(S) Toluene-d8	*103*		*80.0-120*		*03/04/2017 03:23*	WG956975
(S) Dibromofluoromethane	*97.3*		*76.0-123*		*03/04/2017 03:23*	WG956975
(S) α,α,α-Trifluorotoluene	*97.8*		*80.0-120*		*03/04/2017 03:23*	WG956975
(S) 4-Bromofluorobenzene	*88.5*		*80.0-120*		*03/04/2017 03:23*	WG956975

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	03/04/2017 03:44	WG956975
Toluene	ND		0.00100	1	03/04/2017 03:44	WG956975
Ethylbenzene	ND		0.00100	1	03/04/2017 03:44	WG956975
Xylenes, Total	ND		0.00300	1	03/04/2017 03:44	WG956975
Naphthalene	ND		0.00500	1	03/04/2017 03:44	WG956975
(S) Toluene-d8	*103*		*80.0-120*		*03/04/2017 03:44*	WG956975
(S) Dibromofluoromethane	*101*		*76.0-123*		*03/04/2017 03:44*	WG956975
(S) a,a,a-Trifluorotoluene	*96.3*		*80.0-120*		*03/04/2017 03:44*	WG956975
(S) 4-Bromofluorobenzene	*85.9*		*80.0-120*		*03/04/2017 03:44*	WG956975

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Benzene	ND		0.00100	1	03/04/2017 04:04	WG956975
Toluene	ND		0.00100	1	03/04/2017 04:04	WG956975
Ethylbenzene	ND		0.00100	1	03/04/2017 04:04	WG956975
Xylenes, Total	ND		0.00300	1	03/04/2017 04:04	WG956975
Naphthalene	ND		0.00500	1	03/04/2017 04:04	WG956975
(S) Toluene-d8	*101*		*80.0-120*		*03/04/2017 04:04*	WG956975
(S) Dibromofluoromethane	*99.5*		*76.0-123*		*03/04/2017 04:04*	WG956975
(S) a,a,a-Trifluorotoluene	*96.4*		*80.0-120*		*03/04/2017 04:04*	WG956975
(S) 4-Bromofluorobenzene	*86.3*		*80.0-120*		*03/04/2017 04:04*	WG956975

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	03/04/2017 04:25	WG956975
Toluene	ND		0.00100	1	03/04/2017 04:25	WG956975
Ethylbenzene	ND		0.00100	1	03/04/2017 04:25	WG956975
Xylenes, Total	ND		0.00300	1	03/04/2017 04:25	WG956975
Naphthalene	ND		0.00500	1	03/04/2017 04:25	WG956975
(S) Toluene-d8	*102*		*80.0-120*		*03/04/2017 04:25*	WG956975
(S) Dibromofluoromethane	*103*		*76.0-123*		*03/04/2017 04:25*	WG956975
(S) a,a,a-Trifluorotoluene	*97.1*		*80.0-120*		*03/04/2017 04:25*	WG956975
(S) 4-Bromofluorobenzene	*84.0*		*80.0-120*		*03/04/2017 04:25*	WG956975

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	03/04/2017 04:46	WG956975
Toluene	0.00113		0.00100	1	03/04/2017 04:46	WG956975
Ethylbenzene	ND		0.00100	1	03/04/2017 04:46	WG956975
Xylenes, Total	ND		0.00300	1	03/04/2017 04:46	WG956975
Naphthalene	ND		0.00500	1	03/04/2017 04:46	WG956975
(S) Toluene-d8	*101*		*80.0-120*		*03/04/2017 04:46*	WG956975
(S) Dibromofluoromethane	*103*		*76.0-123*		*03/04/2017 04:46*	WG956975
(S) α,α,α-Trifluorotoluene	*95.8*		*80.0-120*		*03/04/2017 04:46*	WG956975
(S) 4-Bromofluorobenzene	*85.6*		*80.0-120*		*03/04/2017 04:46*	WG956975

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	03/03/2017 22:32	WG956975
Toluene	ND		0.00100	1	03/03/2017 22:32	WG956975
Ethylbenzene	ND		0.00100	1	03/03/2017 22:32	WG956975
Xylenes, Total	ND		0.00300	1	03/03/2017 22:32	WG956975
Naphthalene	ND		0.00500	1	03/03/2017 22:32	WG956975
(S) Toluene-d8	*101*		*80.0-120*		*03/03/2017 22:32*	WG956975
(S) Dibromofluoromethane	*98.3*		*76.0-123*		*03/03/2017 22:32*	WG956975
(S) α,α,α-Trifluorotoluene	*97.4*		*80.0-120*		*03/03/2017 22:32*	WG956975
(S) 4-Bromofluorobenzene	*87.3*		*80.0-120*		*03/03/2017 22:32*	WG956975

Method Blank (MB)

(MB) R3201274-3 03/05/17 11:57

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.000331	0.00100
Ethylbenzene	U		0.000384	0.00100
Naphthalene	U		0.00100	0.00500
Toluene	U		0.000412	0.00100
Xylenes, Total	U		0.00106	0.00300
(S) Toluene-d8	*102*			*80.0-120*
(S) Dibromofluoromethane	*87.1*			*76.0-123*
(S) α,α,α-Trifluorotoluene	*103*			*80.0-120*
(S) 4-Bromofluorobenzene	*104*			*80.0-120*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3201274-1 03/05/17 11:03 • (LCSD) R3201274-2 03/05/17 11:17

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.0250	0.0233	0.0243	93.3	97.2	70.0-130			4.08	20
Ethylbenzene	0.0250	0.0259	0.0263	104	105	70.0-130			1.62	20
Naphthalene	0.0250	0.0273	0.0284	109	114	70.0-130			4.10	20
Toluene	0.0250	0.0254	0.0261	102	104	70.0-130			2.73	20
Xylenes, Total	0.0750	0.0794	0.0815	106	109	70.0-130			2.61	20
(S) Toluene-d8				*101*	*101*	*80.0-120*				
(S) Dibromofluoromethane				*88.1*	*89.1*	*76.0-123*				
(S) α,α,α-Trifluorotoluene				*102*	*101*	*80.0-120*				
(S) 4-Bromofluorobenzene				*99.5*	*98.6*	*80.0-120*				

Method Blank (MB)

(MB) R3201279-3 03/03/17 22:11

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.000331	0.00100
Ethylbenzene	U		0.000384	0.00100
Naphthalene	U		0.00100	0.00500
Toluene	U		0.000412	0.00100
Xylenes, Total	U		0.00106	0.00300
(S) Toluene-d8	*102*			*80.0-120*
(S) Dibromofluoromethane	*99.4*			*76.0-123*
(S) α,α,α-Trifluorotoluene	*97.9*			*80.0-120*
(S) 4-Bromofluorobenzene	*85.6*			*80.0-120*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3201279-1 03/03/17 20:07 • (LCSD) R3201279-2 03/03/17 20:28

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.0250	0.0213	0.0211	85.3	84.3	70.0-130			1.18	20
Ethylbenzene	0.0250	0.0208	0.0205	83.3	81.9	70.0-130			1.73	20
Naphthalene	0.0250	0.0193	0.0195	77.2	78.0	70.0-130			1.01	20
Toluene	0.0250	0.0213	0.0213	85.1	85.0	70.0-130			0.0800	20
Xylenes, Total	0.0750	0.0617	0.0595	82.3	79.3	70.0-130			3.63	20
(S) Toluene-d8				*97.7*	*97.7*	*80.0-120*				
(S) Dibromofluoromethane				*93.8*	*92.7*	*76.0-123*				
(S) α,α,α-Trifluorotoluene				*98.4*	*97.6*	*80.0-120*				
(S) 4-Bromofluorobenzene				*86.6*	*88.1*	*80.0-120*				

Abbreviations and Definitions

SDG	Sample Delivery Group.
MDL	Method Detection Limit.
RDL	Reported Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
U	Not detected at the Reporting Limit (or MDL where applicable).
RPD	Relative Percent Difference.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
Rec.	Recovery.

Qualifier	Description

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

ESC Lab Sciences is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our "one location" design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be **YOUR LAB OF CHOICE.**
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

State Accreditations

Alabama	40660	Nevada	TN-03-2002-34
Alaska	UST-080	New Hampshire	2975
Arizona	AZ0612	New Jersey–NELAP	TN002
Arkansas	88-0469	New Mexico	TN00003
California	01157CA	New York	11742
Colorado	TN00003	North Carolina	Env375
Conneticut	PH-0197	North Carolina [1]	DW21704
Florida	E87487	North Carolina [2]	41
Georgia	NELAP	North Dakota	R-140
Georgia [1]	923	Ohio–VAP	CL0069
Idaho	TN00003	Oklahoma	9915
Illinois	200008	Oregon	TN200002
Indiana	C-TN-01	Pennsylvania	68-02979
Iowa	364	Rhode Island	221
Kansas	E-10277	South Carolina	84004
Kentucky [1]	90010	South Dakota	n/a
Kentucky [2]	16	Tennessee [14]	2006
Louisiana	AI30792	Texas	T 104704245-07-TX
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	6157585858
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	109
Minnesota	047-999-395	Washington	C1915
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA
Nebraska	NE-OS-15-05		

Third Party & Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	S-67674
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [n/a] Accreditation not applicable

Our Locations

ESC Lab Sciences has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. **ESC Lab Sciences performs all testing at our central laboratory.**

CH2M Hill- Atlanta, GA

6600 Peachtree Dunwoody Road
400 Embassy Row - Suite 600
Atlanta GA 30328

Billing Information:
Accounts Payable
1000 Windward Concourse
Ste 450
Alpharetta, GA 30005

Email To: bgarvey@ch2m.com

Report to: Bethany Garvey

Project Description: Lewis Drive Site Surface water event

City/State Collected: Belton, SC

Phone: 770-604-9182
Fax:

Client Project # 684910.LD.MR.SW

Lab Project # KINCH2MGA-LEWIS

Collected by (print): Tim Y/DHEC
J. McCann / CH2M

Site/Facility ID #

P.O. #

Collected by (signature): Justine McCann

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Pres Chk

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260BTEXN 40mlAmb-HCl	V8260BTEXNSC- TB 40mlAmb-HCl-Blk	Remarks	Sample # (lab only)
SW115-022817	G	GW	N/A	2/28/17	1000	2	X			01
SW111-022817		GW			1035	2	X			02
SW110-022817		GW			1050	2	X			03
SW109-022817		GW			1115	2	X			04
SW108-022817		GW			1145	2	X			05
SW105-022817		GW			1300	2	X			06
SW102-022817		GW			1320	2	X			07
SW101-022817		GW			1345	2	X			08
SW-01-022817		GW			1420	2	X			09
SW-12-022817		GW			1440	2	X			10

Chain of Custody Page 1 of 3

ESC LAB SCIENCES
YOUR LAB OF CHOICE
12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# 893860
1201

Acctnum: KINCH2MGA
Template: T120907
Prelogin: P589495
TSR: 526 - Chris McCord
PB: JB 2-24-17
Shipped Via: FedEX Priority

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS X FedEx __ Courier ____

Tracking # 7176 9007 3108

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCl / MeoH TBR
Justine McCann	2/28/17	1800		2
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 2.1 °C Bottles Received: 10 62
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) Marina Melgar	Date: 3/1/17 Time: 0900

If preservation required by Login: Date/Time

Hold: Condition: NCF OK

CH2M Hill- Atlanta, GA

6600 Peachtree Dunwoody Road
400 Embassy Row - Suite 600
Atlanta GA 30328

Billing Information:
Accounts Payable
1000 Windward Concourse
Ste 450
Alpharetta, GA 30005

Email To: bgarvey@ch2m.com

Report to: Bethany Garvey

Project Description: Lewis Drive Site Surface water event

City/State Collected:

Phone: 770-604-9182
Fax:

Client Project # 684910.LD.MR.SW

Lab Project # KINCH2MGA-LEWIS

Collected by (print): Tim/DHEC J. McCann/CH2M

Site/Facility ID #

P.O. #

Collected by (signature): Justine McCann

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Pres Chk

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260BTEXN 40mlAmb-HCl	V8260BTEXNSC- TB 40mlAmb-HCl-Blk	Remarks	Sample # (lab only)
SW-03-022817	G	GW	N/A	2/28/17	1455	2	X			11
SW-09-022817	"	GW	"	"	1620	2	X			12
FP-03-022817	"	GW	"	"	1550	2	X			13
FP-02-022817	"	GW	"	"	1610	2	X			14
FP-01-022817	"	GW	"	"	1600	2	X			15
SW116-022817	"	GW	"	"	1000	2	X			16
SW114-022817	"	GW	"	"	1021	2	X			17
SW112-022817	"	GW	"	"	1037	2	X			18
SW113-022817	"	GW	"	"	1055	2	X			19
SW106-022817	↓	GW	↓	↓	1120	2	X			20

Chain of Custody Page 2 of 3

ESC LABORATORIES
YOUR LAB OF CHOICE
12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# 893066

Table #

Acctnum: KINCH2MGA
Template: T120907
Prelogin: P589495
TSR: 526 - Chris McCord
PB: JG 2-24-17
Shipped Via: FedEX Priority

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via: __ UPS X FedEx __ Courier __ _____

Tracking # 7176 9007 3108

Sample Receipt Checklist
COC Seal Present/Intact: __NP __Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
Justine McCann	2/28/17	1800		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 2.1 °C Bottles Received: 4062
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) Marina Melone	Date: 3-1-17 Time: 0900

If preservation required by Login: Date/Time

Hold: Condition NCF / OK

Chain of Custody Page 3 of 3

ESC LABORATORY SCIENCES
YOUR LAB OF CHOICE
12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# 893060
Table #
Acctnum: KINCH2MGA
Template: T120907
Prelogin: P589495
TSR: 526 - Chris McCord
PB: JE 2-24-17
Shipped Via: FedEX Priority

CH2M Hill- Atlanta, GA
6600 Peachtree Dunwoody Road
400 Embassy Row - Suite 600
Atlanta, GA 30328

Billing Information:
Accounts Payable
1000 Windward Concourse
Ste 450
Alpharetta, GA 30005

Email To: bgarvey@ch2m.com

Report to: Bethany Garvey

Project Description: Lewis Drive Site Surface water event

Phone: 770-604-9182
Fax:

Client Project # (684910.LD.MR.SH)

Site/Facility ID #

City/State Collected:

Lab Project # KINCH2MGA-LEWIS

P.O. #

Quote #

Collected by (print): Tim Scharr / J. McLaren/CH2M

Collected by (signature): Justine McLaren

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Date Results Needed

Pres Chk

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260BTEXN 40mlAmb-HCl	V8260BTEXNSC- TB 40mlAmb-HCl-Blk	Remarks	Sample # (lab only)
SW107-022817	G	GW	NA	2/28/17	1142	2	X			21
SW104-022817		GW			1205	2	X			22
SW103-022817		GW			1224	2	X			23
SW-11-022817		GW			1330	2	X			24
SW-10-022817		GW			1345	2	X			25
SW-02-022817		GW			1417	2	X			26
SW100-022817		GW			1500	2	X			27
SW-13-022817		GW			1530	2	X			28
SW-08-022817		GW			1540	2	X			29
SW-04-022817	↓	GW	↓	↓	1609	2	X			30
Trip Blank			NA	2/28/17	1640	2	X			31

* Matrix: SS - Soil AIR - Air F - Filter GW - Groundwater B - Bioassay WW - WasteWater DW - Drinking Water OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via: __ UPS ✓ FedEx __ Courier _____

Tracking # 7176 9007 3108

Sample Receipt Checklist
COC Seal Present/Intact: __NP ✓Y __N
COC Signed/Accurate: ✓Y __N
Bottles arrive intact: ✓Y __N
Correct bottles used: ✓Y __N
Sufficient volume sent: ✓Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
Justine McLaren	2/28/17	1800		✓
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 2.1 °C Bottles Received: 40
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) Marva Melvin	Date: 3-1-17 Time: 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK