GW-028

2016
AGWMR
Part 6 of 8

2017

31

TRC Solutions - Austin, TX 505 E. Huntland Dr, Ste 250 Austin, TX 78752	Billing Information: Accounts Payable 21 Griffin Road North Windsor, CT 06095
Report to: Julie Speer	Email To: jspeer@trcsolutions.com
Project Description: EP Fall 2016	City/State Collected:
Phone: 512-684-3170 Fax:	Client Project # 249545.0000.0000 000 / Lab Project # TRCATX-EP
Collected by (print): Scott Ude	Site/Facility ID # EP NAVAJO-ARTESIA / P.O. # 94397
Collected by (signature): Scott Ude Immediately Packed on Ice N ___ Y ✓	Rush? (Lab MUST Be Notified) ___ Same Day ....200% ___ Next Day ....100% ___ Two Day ....50% ___ Three Day ....25% / Date Results Needed / Email? __No X__Yes FAX? __No __Yes

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260 40mlAmb-HCl	V8260- Trip Blank 40mlAmb HCl-Blk
EB-EP-02		GW		10/4/16	1655	10	X	
EXTRAS		GW				11	X	
EXTRAS		GW				11	X	
TRIP BLANK-EP-01		GW		10/4/16	—	1		X
TRIP BLANK-EP-02		GW				1		X
TRIP BLANK-EP-03		GW				1		X

Chain of Custody Page 31 of

ESC LAB SCIENCES

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# [illegible]
Table #
Acctnum: TRCATX
Template: T115530
Prelogin: P568128
TSR: 526 - Chris McCord
PB:
Shipped Via: FedEX Ground

Rem./Contaminant | Sample # (lab only)

* Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other ________

Remarks:

pH ______ Temp ______

Flow ______ Other ______

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
Scott Ude	10/4/16	1900	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) [signature]

Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐ ____

Temp: 3.1 °C Bottles Received: [illegible]
Date: 10/5/16 Time: 900

Hold #
Condition: (lab use only)
COC Seal Intact: __Y __N __NA
pH Checked: NCF:

Chain of Custody Page 1 of ___ 32

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Phone: 800-767-5859
Fax: 615-758-5859

L# L864775

A129

Acctnum: TRCATX
Template: T119542
Prelogin: P568173
TSR: 526 - Chris McCord
PB: [illegible]
Shipped Via: FedEX Ground

TRC Solutions - Austin, TX 505 E. Huntland Dr, Ste 250 Austin, TX 78752	Billing Information: Accounts Payable 21 Griffin Road North Windsor, CT 06095
Report to: Julie Speer	Email To: jspeer@trcsolutions.com
Project Description: TMD Fall 2016	City/State Collected:
Phone: 512-684-3170 Fax:	Client Project # 249545.0000.0000 000
Lab Project # TRCATX-TMD	
Collected by (print): Scott Ude	Site/Facility ID # TMD - NAVAJO-ARTESIA
P.O. # 94397	
Collected by (signature): Scott Ude Immediately Packed on Ice N ___ Y ✓	Rush? (Lab MUST Be Notified) ___ Same Day .... 200% ___ Next Day .... 100% ___ Two Day .... 50% ___ Three Day 25%
Date Results Needed Email? ___ No X Yes FAX? ___ No ___ Yes	

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	Anions 125mlHDPE-NoPres	DROLVI 40mlAmb-HCl-BT	GRO 40mlAmb HCl	NO2NO3 250mlHDPE-H2SO4 ce	TDS 250mlHDPE-NoPres	Total metals- short 250mlHDPE-HNO3 ce	V8260 40mlAmb-HCl	V8260- Trip Blank 40mlAmb-HCl-Blk	[illegible]		Rem./Contaminant	Sample # (lab only)
~~NP-1~~		~~GW~~		~~10/4/16~~	~~1350~~	2							X					
~~MW-21~~		~~GW~~		~~10/4/16~~	~~1305~~	10	X	X	X	X	X	X	X		X			
MW-46R		GW		10/5/16	1000	8	X	X		X	X	X	X		X			-01
EXTRAS		GW				10	X	X	X	X	X	X	X					
~~TRIP BLANK-TMD-01~~		~~GW~~		~~10/4/16~~	~~—~~	~~1~~								X				

* Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other ___________

Remarks:

pH ________ Temp ________

Flow ________ Other ________

Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐ ______

Hold #

Condition: (lab use only) OK

Relinquished by : (Signature) Scott Ude	Date: 10/5/16	Time: 1900	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) [illegible]

Temp: [illegible] °C Bottles Received: [illegible]

COC Seal Intact: ___ Y ___ N ___ NA

Date: 10/6/16 Time: 0900

pH Checked: OK NCF:

TRC Solutions - Austin, TX 505 E. Huntland Dr, Ste 250 Austin, TX 78752	Billing Information: Accounts Payable 21 Griffin Road North Windsor, CT 06095
Report to: Julie Speer	Email To: jspeer@trcsolutions.com
Project Description: TEL Fall 2016	City/State Collected:
Phone: 512-684-3170 Fax:	Client Project # 249545.0000.0000 000
Lab Project # TRCATX-TEL	
Collected by (print): Scott Ude	Site/Facility ID # TEL - NAVAJO-ARTESIA
P.O. # 94397	
Collected by (signature): Scott Ude	Rush? (Lab MUST Be Notified) ___ Same Day ....200% ___ Next Day ....100% ___ Two Day ....50% ___ Three Day 25%
Immediately Packed on Ice N ___ Y ✓	Date Results Needed Email? ___No X___Yes FAX? ___No ___Yes

Chain of Custody Page 2 of ___

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Phone: 800-767-5859
Fax: 615-758-5859

I035

Template: T115528
Prelogin: P568130
TSR: 526 - Chris McCord
Shipped Via: FedEX Ground

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	Anions 125mlHDPE-NoPres	Cyanide 250mlHDPEAmb-NaOH	DRO/LVI 40mlAmb-HCl-BT	GRO 40mlAmb HCl	NO2NO3 250mlHDPE-H2SO4	TDS 250mlHDPE-NoPres	Total Metals-Short 250mlHDPE-HNO3	Total Metals-Long 250mlHDPE-HNO3	V8260 40mlAmb HCl	V8260-Trip Blank 40mlAmb-HCl-Blk	Rem./Contaminant	Sample # (lab only)
TEL-4		GW		10/5/16	1025	10	X		X	X	X	X	X		X			-01
TEL-3		GW		10/5/16	1320	10	X		X	X	X	X	X		X			-02
TEL-2		GW		10/5/16	1235	10	X		X	X	X	X	X		X			-03
TEL-1		GW		10/5/16	1140	10	X		X	X	X	X	X		X			-04
~~MW-49~~		~~GW~~		~~10/4/16~~	~~1615~~	11	X	X	X	X	X	X		X	X			
DUP-TEL-01		GW		10/5/16	900	10	X		X	X	X	X	X		X			
EB-TEL-01		GW		10/5/16	1335	10	X		X	X	X	X	X		X			
EXTRAS		GW				11	X	X	X	X	X	X	X		X			
TRIP BLANK-TEL-01		GW		10/5/16	—	1										X		

* Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other ________

Remarks:

pH ______ Temp ______ 6903 4761 1119

Flow ______ Other ______

Hold #

Relinquished by: (Signature) Scott Ude	Date: 10/5/16	Time: 1900	Received by: (Signature)	Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐ ____	Condition: (lab use only)
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: Bottles Received:	COC Seal Intact: ___Y ___N ___NA
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 10-7-16 Time:	pH Checked: NCF:

TRC Solutions - Austin, TX

505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095

Report to: Julie Speer

Email To: jspeer@trcsolutions.com

Project Description: NCL

City/State Collected:

Phone: 512-684-3170
Fax:

Client Project #: 249545.0000.0000 000

Lab Project #: TRCATX-NCL

Collected by (print): Scott Ude

Site/Facility ID #: NCL - NAVAJO-ARTESIA

P.O. #: 94397

Collected by (signature): Scott Ude

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day 200%
___ Next Day 100%
___ Two Day 50%
___ Three Day 25%

Date Results Needed

Email? ___No X Yes
FAX? ___No ___Yes

Chain of Custody Page 3 of 3 32

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Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# 786635

I034

Acctnum: TRCATX
Template: T115586
Prelogin: P568405
TSR: 526 - Chris McCord
PB:
Shipped via: FedEX Ground

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	Anions 125mlHDPE-NoPres	Cyanide 250mlHDPEAmb-NaOH (712)	DRO [illegible] 40mlAmb-HCl-F	GRO 40mlAmb HCl	NO2NO3 250mlHDPE-H2SO4	TDS 250mlHDPE-NoPres	Total metals-long 250mlHDPE-[illegible]	Total metals-short 250mlHDPE-HNO3 (<3)	V8260 40mlAmb-HCl	V8260- Trip Blank 40mlAmb-HCl-Blk	Rem./Contaminant	Sample # (lab only)
MW-56		GW		10/5/16	1415	8	X X		X		X	X		X	X			
~~MW-45~~		~~GW~~		~~10/4/16~~	~~1435~~	9	X X	X	X		X	X	X		X			
NCL-34A		GW		10/5/16	1455	8	X X		X		X	X			X			
NCL-33		GW		10/5/16	1505	8	X X		X		X	X		X	X			
~~NCL-44~~		~~GW~~		~~10/4/16~~	~~1545~~	8	X X		X		X	X		X	X			
NCL-32		GW		10/5/16	1540	8	X X		X		X	X		X	X			
~~NCL-108~~		~~GW~~		~~10/4/16~~	~~1420~~	8	X X		X		X	X		X	X			
~~NCL-31~~		~~GW~~		~~10/4/16~~	~~1330~~	8	X X		X		X	X		X	X			
~~NCL-55~~ MW-55		GW		10/5/16	1555	11	X X	X	X	X	X	X	X		X			
~~NCL-54A~~ MW-54A		GW		10/5/16	905	8	X X		X		X	X		X	X			

* Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other ________

Remarks:

pH ______ Temp ______
Flow ______ Other ______

6903 4761 4048

Hold #

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Scott Ude	10/5/16	1900	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)

Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐ ______

Temp: °C Bottles Received:

Date: Time:

Condition: (lab use only)

COC Seal Intact: ___Y ___N ___NA

pH Checked: NCF:

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TRC Solutions - Austin, TX 505 E. Huntland Dr, Ste 250 Austin, TX 78752	Billing Information: Accounts Payable 21 Griffin Road North Windsor, CT 06095	Chain of Custody Page 2 of ___ ESC LAB SCIENCES 12065 Lebanon Rd Mount Juliet, TN 37122 Phone: 615-758-5858 Phone: 800-767-5859 Fax: 615-758-5859
Report to: Julie Speer	Email To: jspeer@trcsolutions.com	L# [illegible]
Project Description: NCL	City/State Collected:	Table #
Phone: 512-684-3170 Fax:	Client Project # 249545.0000.0000 000	Lab Project # TRCATX-NCL
Collected by (print): Scott Ude	Site/Facility ID # NCL - NAVAJO-ARTESIA	P.O. # 94397
Collected by (signature): Scott Ude Immediately Packed on Ice N ___ Y ✓	Rush? (Lab MUST Be Notified) ___ Same Day ......200% ___ Next Day ......100% ___ Two Day ......50% ___ Three Day 25%	Date Results Needed Email? ___No X Yes FAX? ___No ___Yes

Acctnum: TRCATX
Template: T115586
Prelogin: P568405
TSR: 526 - Chris McCord
PB: 3/17 [illegible]
Shipped Via: FedEX Ground

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	Anions 125mlHDPE-NoPres	Cyanide 250mlHDPEAmb-NaOH	D[illegible] 40mlAmb-HCl BT	GRO 40mlAmb HCl	NO2NO3 250mlHDPE-H2SO4	TDS 250mlHDPE-NoPres	Total metals-long 250mlHDPE-HNO3	Total metals-short 250mlHDPE-HNO3	V8260 40mlAmb-HCl	V8260- Trip Blank 40mlAmb-HCl-Blk	Rem./Contaminant	Sample # (lab only)
NCL-49		GW		10/5/16	810	8	X X		X		X	X		X	X			
DUP-NCL-01		GW		10/5/16	900	8	X X		X		X	X		X	X			-07
EB-NCL-01		GW		10/5/16	1600	8	X X		X		X	X		X	X			-08
EXTRAS		GW				9	X	X	X		X	X		X	X			-09
~~TRIP BLANK-NCL-01~~		~~GW~~		~~10/4/16~~	~~—~~	~~1~~										X		

* Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other ______

Remarks:

pH ______ Temp ______

Flow ______ Other ______

Relinquished by : (Signature) Scott Ude	Date: 10/5/16	Time: 1900	Received by: (Signature)	Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐ ______
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: [illegible] °C Bottles Received: [illegible]
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) [illegible]	Date: 10-[illegible] Time: [illegible]

Hold #

Condition: (lab use only) [illegible]

COC Seal Intact: ___Y ___N ___NA

pH Checked: [illegible] NCF:

5 9 5 32

TRC Solutions - Austin, TX 505 E. Huntland Dr, Ste 250 Austin, TX 78752	Billing Information: Accounts Payable 21 Griffin Road North Windsor, CT 06095
Report to: Julie Speer	Email To: jspear@trcsolutions.com
Project Description: REST Fall 2016	City/State Collected:
Phone: 512-684-3170 Fax:	Client Project # 249545.0000.0000 000
Lab Project # TRCATX-REST	
Collected by (print): Scott Ude	Site/Facility ID # REST - NAVAJO-ARTESIA
P.O. # 94397	
Collected by (signature): Scott Ude Immediately Packed on Ice N ___ Y ✓	*Rush?* (Lab MUST Be Notified) ___ Same Day ....200% ___ Next Day ....100% ___ Two Day ....50% ___ Three Day 25%
Date Results Needed	Email? ___No X Yes FAX? ___No ___Yes

Chain of Custody Page ___ of ___

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Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L864646
Table #
Account: TRCATX
Template: T115563
Prelogin: P568346
TSR: 526 - Chris McCord
PB: [illegible]
Shipped Via: FedEX Ground

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	Anions 125mlHDPE-NoPres	CN 250mlHDPEAmb-NaOH 7/%	Cations 250mlHDPE-HNO3	Cyanide 250mlHDPEAmb-NaOH 7/%	DRO/LVI 40mlAmb-HCl-BT	GRO 40mlAmb HCl	NO2NO3 250mlHDPE-H2SO4	TDS 250mlHDPE-NoPres	Total metals-long 250mlHDPE-HNO3	Total metals-short 250mlHDPE-HNO3	Rem./Contaminant	Sample # (lab only)
~~MW-64~~		~~GW~~		~~10/4/16~~	~~1435~~	10	X		X		X	X	X	X		X		
~~MW-65~~		~~GW~~		~~10/4/16~~	~~1515~~	10	X		X		X	X	X	X		X		
~~MW-102~~		~~GW~~		~~10/4/16~~	~~1600~~	10	X		X		X	X	X	X		X		
MW-99		GW		10/5/16	1315	10	X		X		X	X	X	X		X		26
MW-66		GW		10/5/16	1230	11	X		X	X	X	X	X	X	X			27
~~MW-28~~		~~GW~~		~~10/4/16~~	~~1745~~	11	X		X	X	X	X	X	X	X			
~~MW-60~~		~~GW~~		~~10/4/16~~	~~1640~~	11	X		X	X	X	X	X	X	X			
MW-107		GW		10/5/16	1140	10	X		X		X	X	X	X		X		30
MW-128		GW		10/5/16	1045	10	X		X		X	X	X	X		X		31
MW-125		GW		10/5/16	830	10	X		X		X	X	X	X		X		32

* Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other ______

Remarks:

pH ______ Temp ______

Flow ______ Other ______

Hold #

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	
Scott Ude	10/5/16	1900		Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐ ______
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: [illegible] °C Bottles Received: [illegible]
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) [illegible]	Date: [illegible] Time: [illegible]

Condition: (lab use only)
COC Seal Intact: ___ Y ___ N ___ NA
pH Checked: [illegible] NCF:

6 32

TRC Solutions - Austin, TX 505 E. Huntland Dr, Ste 250 Austin, TX 78752	Billing Information: Accounts Payable 21 Griffin Road North Windsor, CT 06095
Report to: Julie Speer	Email To: jspeer@trcsolutions.com
Project Description: REST Fall 2016	City/State Collected:
Phone: 512-684-3170 Fax:	Client Project # 249545.0000.0000 000
Lab Project # TRCATX-REST	
Collected by (print): Scott Ude	Site/Facility ID # REST - NAVAJO-ARTESIA
P.O. # 94397	
Collected by (signature): Scott Ude Immediately Packed on Ice N ___ Y ✓	Rush? (Lab MUST Be Notified) ___ Same Day ....200% ___ Next Day ....100% ___ Two Day ....50% ___ Three Day 25%
Date Results Needed	Email? ___No X Yes FAX? ___No ___Yes

Analysis / Container / Preservative: V8260 40mlAmb-HCl; V8260- Trip Blank 40mlAmb-HCl-Blk

Chain of Custody Page ___ of ___

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Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L #
Table #
Acctnum: TRCATX
Template: T115863
Prelogin: P568346
TSR: 526 - Chris McCord
PB:
Shipped Via: FedEX Ground

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260 40mlAmb-HCl	V8260- Trip Blank 40mlAmb-HCl-Blk	Rem./Contaminant	Sample # (lab only)
~~MW-64~~		~~GW~~		~~10/4/16~~	~~1435~~	10	X			
~~MW-65~~		~~GW~~		~~10/4/16~~	~~1515~~	10	X			
~~MW-102~~		~~GW~~		~~10/4/16~~	~~1600~~	10	X			
MW-99		GW		10/5/16	1315	10	X			28
MW-66		GW		10/5/16	1230	11	X			29
~~MW-28~~		~~GW~~		~~10/4/16~~	~~1745~~	11	X			
~~MW-60~~		~~GW~~		~~10/4/16~~	~~1640~~	11	X			
MW-107		GW		10/5/16	1140	10	X			30
MW-128		GW		10/5/16	1045	10	X			31
MW-125		GW		10/5/16	830	10	X			32

* Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other________

Remarks:

pH ________ Temp ________

Flow ________ Other ________

Hold #

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐ ______
Scott Ude	10/5/16	1900		
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received: 50
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 10-6-16 Time:

Condition: (lab use only)

COC Seal Intact: ___Y ___N ___NA

pH Checked: NCF:

7 7 32

TRC Solutions - Austin, TX

505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095

Report to: Julie Speer

Email To: jspeer@trcsolutions.com

Project Description: REST Fall 2016

City/State Collected:

Phone: 512-684-3170
Fax:

Client Project #: 249545.0000.0000 000

Lab Project #: TRCATX-REST

Collected by (print): Scott Ude

Site/Facility ID #: REST - NAVAJO-ARTESIA

P.O. #: 94397

Collected by (signature): Scott Ude

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day 200%
___ Next Day 100%
___ Two Day 50%
___ Three Day 25%

Date Results Needed

Email? ___No X Yes
FAX? ___No ___Yes

Chain of Custody Page ___ of ___

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12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

A128

Acctnum: TRCATX
Template: T115563
Prelogin: P568346
TSR: 526 - Chris McCord
PB:
Shipped Via: FedEX Ground

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	Anions 125mlHDPE-NoPres	CN 250mlHDPEAmb-NaOH >12	Cations 250mlHDPE-HNO3	Cyanide 250mlHDPEAmb-NaOH >12	DRO/LVI 40mlAmb-HCl	GRO 40mlAmb HCl	NO2NO3 250mlHDPE-H2SO4	TDS 250mlHDPE-NoPres	Total metals-long 250mlHDPE-HNO3	Total metals-short 250mlHDPE-HNO3	Rem./Contaminant	Sample # (lab only)
MW-113		GW		10/5/16	935	10	X		X		X	X	X	X		X		-01
KWB-8		GW		10/5/16	1020	9	X	~~4X~~	X	X	X		X	X	X			02
MW-133 (No sample, Lvar)		GW				10	X				X	X	X	X		X		03
~~MW-134~~		~~GW~~		~~10/4/16~~	~~1435~~	10	X		X		X	X	X	X		X		~~04~~
RA-4798		GW		10/5/16	935	6	X		X				X	X				04
RA-4196		GW		10/5/16	915	6	X		X				X	X				05 ~~06~~
KWB-7		GW		10/5/16	1420	9	X	~~4X~~	X	X	X		X	X	X			06
MW-135		GW		10/5/16	1125	10	X		X		X	X	X	X		X		07
KWB-11A		GW		10/5/16	1230	11	X		X	X	X	X	X	X	X			08
KWB-11B		GW		10/5/16	1325	11	X		X	X	X	X	X	X	X			09

* Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other________

Remarks:

pH ______ Temp ______
Flow ______ Other ______

Hold #

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐ ____
Scott Ude	10/5/16	1900		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received: 59
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 10-7-16 Time: [illegible]
			[illegible signature]	

Condition: (lab use only)

COC Seal Intact: ___Y ___N ___NA

pH Checked: [illegible]

NCF:

8 8 32

TRC Solutions - Austin, TX

505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095

Report to: Julie Speer

Email To: jspeer@trcsolutions.com

Project Description: REST Fall 2016

City/State Collected:

Phone: 512-684-3170
Fax:

Client Project # 249545.0000.0000 000

Lab Project # TRCATX-REST

Collected by (print): Scott Ude

Site/Facility ID # REST - NAVAJO-ARTESIA

P.O. # 94397

Collected by (signature): Scott Ude

Rush? (Lab MUST Be Notified)
___ Same Day 200%
___ Next Day 100%
___ Two Day 50%
___ Three Day 25%

Date Results Needed

Email? ___No X Yes
FAX? ___No ___Yes

Immediately Packed on Ice N ___ Y ✓

Analysis / Container / Preservative: V8260 40mlAmb-HCl; V8260- Trip Blank 40mlAmb-HCl-Blk

Chain of Custody Page ___ of ___

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

L# L866646
Table #
Acctnum: TRCATX
Template: T115563
Prelogin: P568346
TSR: 526 - Chris McCord
PB:
Shipped Via: FedEX Ground

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260 40mlAmb-HCl	V8260- Trip Blank 40mlAmb-HCl-Blk	Rem./Contaminant	Sample # (lab only)
MW-113		GW		10/5/16	835	10	X			-01
KWB-8		GW		10/5/16	1020	9	X			02
MW-133 (No Sample) Lvw?)		GW				10	X			03
~~MW-134~~		~~GW~~		~~10/4/16~~	~~1435~~	10	X			
RA-4798		GW		10/5/16	935	6	X			04
RA-4196		GW		10/5/16	915	6	X			05
KWB-7		GW		10/5/16	1420	9	X			06
MW-135		GW		10/5/16	1125	10	X			07
KWB-11A		GW		10/5/16	1230	11	X			08
KWB-11B		GW		10/5/16	1325	11	X			09

* Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other ______

Remarks:

pH ______ Temp ______
Flow ______ Other ______

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	
Scott Ude	10/5/16	1900		Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐ ____
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 2 °C Bottles Received: 80
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 10-7-16 Time:

Hold #
Condition: (lab use only)
COC Seal Intact: ___Y ___N ___NA
pH Checked:
NCF:

9 32

TRC Solutions - Austin, TX

505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095

Report to: Julie Speer

Email To: jspeer@trcsolutions.com

Project Description: REST Fall 2016

City/State Collected:

Phone: 512-684-3170
Fax:

Client Project # 249545.0000.0000 000

Lab Project # TRCATX-REST

Collected by (print): Scott Ude

Site/Facility ID # REST - NAVAJO-ARTESIA

P.O. # 94397

Collected by (signature): Scott Ude

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day 200%
___ Next Day 100%
___ Two Day 50%
___ Three Day 25%

Date Results Needed
Email? ___No X Yes
FAX? ___No ___Yes

Chain of Custody Page ___ of ___

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

L# L864646
Table #
Account: TRCATX
Template: T115563
Prelogin: P568346
TSR: 526 - Chris McCord
PB:
Shipped Via: FedEX Ground

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	Anions 125mlHDPE-NoPres	CN 250mlHDPEAmb-NaOH 7/12	Cations 250mlHDPE-HNO3	Cyanide 250mlHDPEAmb-NaOH 7/12	DRO/LVI 40mlAmb-HCl-BT	GRO 40mlAmb HCl	NO2NO3 250mlHDPE-H2SO4	TDS 250mlHDPE-NoPres	Total metals long 250mlHDPE-HNO3	Total metals-short 250mlHDPE-HNO3	Rem./Contaminant	Sample # (lab only)
MW-112 (No sample; LNAPL)		GW				10	X				X	X	X	X		X		
MW-132 (No sample; LNAPL)		GW				10	X				X	X	X	X		X		
MW-57		GW		10/5/16	1120	10	X		X		X	X	X	X		X		21
KWB-12A		GW		10/5/16	1205	11	X		X	X	X	X	X	X	X			22
KWB-12B		GW		10/5/16	1245	11	X		X	X	X	X	X	X	X			23
KWB-2R		GW		10/5/16	1435	8	X		X		X		X	X		X		24
MW-58		GW		10/5/16	1350	9	X		X	X	X		X	X	X			25
DUP-REST-05		GW		10/5/16	1200	11	X		X	X	X	X	X	X	X			26
EB-REST-05		GW		10/5/16	1300	11	X		X	X	X	X	X	X	X			27
~~MW-104~~		~~GW~~		~~10/4/16~~	~~1345~~	10	X		X		X	X	X	X		X		

* Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other ________

Remarks:

pH ________ Temp ________
Flow ________ Other ________

Hold #

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	
Scott Ude	10/5/16	1900		Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐ ____
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received: 504
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 10-7-16 Time:

Condition: (lab use only) OK
COC Seal Intact: ___Y ___N ___NA
pH Checked: NCF:

10 B 10 32

TRC Solutions - Austin, TX

505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095

Report to: Julie Speer

Email To: jspeer@trcsolutions.com

Project Description: REST Fall 2016

City/State Collected:

Phone: 512-884-3170
Fax:

Client Project # 249545.0000.0000 000

Lab Project # TRCATX-REST

Collected by (print): Scott Ude

Site/Facility ID # REST - NAVAJO-ARTESIA

P.O. # 94397

Collected by (signature): Scott Ude

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day 200%
___ Next Day 100%
___ Two Day 50%
___ Three Day 25%

Date Results Needed

Email? ___No X_Yes
FAX? ___No ___Yes

Analysis / Container / Preservative

Chain of Custody Page ___ of ___

ESC LAB SCIENCES

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

Lab Project #: TRCATX
Template: T115563
Prelogin: P568346
TSR: 526 - Chris McCord
PB: ___
Shipped Via: FedEX Ground

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Ctnrs	VOC 8260 Trip Blank-Cool and HCl-BK	Rem./Contaminant	Sample # (lab only)
MW-112 (No Sample; LNAPL)		GW				10	X		
MW-132 (No Sample; LNAPL)		GW				10	X		
MW-57		GW		10/5/16	1120	10	X		01
KWB-12A		GW		10/5/16	1205	11	X		02
KWB-12B		GW		10/5/16	1245	11	X		03
KWB-2R		GW		10/5/16	1435	8	X		04
MW-58		GW		10/5/16	1350	9	X		05
DUP-REST-05		GW		10/5/16	1200	11	X		06
EB-REST-05		GW		10/5/16	1300	11	X		07
~~MW-104~~		GW		~~10/4/16~~	~~1345~~	10	X		

* Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other _____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Scott Ude	10/5/16	1900	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)

Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐ _____

Temp: 5.0 °C Bottles Received: 107

Date: 10/6/16 Time: 0900

Condition: (lab use only)

COC Seal Intact: ___Y ___N ___NA

SHC Checked: ___ NCF: ___

11 32

TRC Solutions - Austin, TX 505 E. Huntland Dr, Ste 250 Austin, TX 78752	Billing Information: Accounts Payable 21 Griffin Road North Windsor, CT 06095
Report to: Julie Speer	Email To: jspear@trcsolutions.com
Project Description: REST Fall 2016	City/State Collected:
Phone: 512-684-3170 Fax:	Client Project #: 249545.0000.0000 000
Lab Project #: TRCATX-REST	
Collected by (print): Scott Ude	Site/Facility ID #: REST - NAVAJO-ARTESIA
P.O. #: 94397	
Collected by (signature): Scott Ude Immediately Packed on Ice N ___ Y ✓	*Rush?* (Lab MUST Be Notified) ___ Same Day .... 200% ___ Next Day .... 100% ___ Two Day .... 50% ___ Three Day 25%
Date Results Needed Email? ___No X Yes FAX? ___No ___Yes	

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	Anions 125mlHDPE-NoPres	CN 250mlHDPEAmb-NaOH 71L	Cations 250mlHDPE-HNO3 6L	Cyanide 250mlHDPEAmb-NaOH 71L	DRO/VI 40mlAmb-HCl-BT	GRO 40mlAmb HCl	NO2NO3 250mlHDPE-H2SO4 6L	TDS 250mlHDPE-NoPres	Total metals-long 250mlHDPE-HNO3 6L	Total metals-short 250mlHDPE-HNO3 6L	Rem./Contaminant	Sample # (lab only)
MW-116		GW		10/5/16	415	10	X		X		X	X	X	X		X		33
MW-48		GW		10/5/16	1405	10	X		X		X	X	X	X		X		34
MW-130		GW		10/5/16	1500	10	X		X		X	X	X	X		X		35
KWB-4 (No sample; unable)		GW		~~10/5/16~~	~~1525~~	8	X				X		X	X		X		
MW-52		GW		10/5/16	1525	11	X		X	X	X	X	X	X	X			36
MW-109		GW		10/5/16	1355	10	X		X		X	X	X	X		X		37
MW-110		GW		10/5/16	1440	10	X		X		X	X	X	X		X		38
~~DUP-REST-02~~		~~GW~~		~~10/4/16~~	~~1300~~	10	X		X		X	X	X	X		X		
~~EB-REST-02~~		~~GW~~		~~10/4/16~~	~~1400~~	10	X		X		X	X	X	X		X		
~~DUP-REST-04~~		~~GW~~		~~10/4/16~~	~~1200~~	11	X		X	X	X	X	X	X	X			

Chain of Custody Page ___ of ___

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

L# L864646
Table #
Account: TRCATX
Template: T115563
Prelogin: P568346
TSR: 526 - Chris McCord
PB:
Shipped Via: FedEX Ground

* Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other________

Remarks:

pH ______ Temp ______
Flow ______ Other ______

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐ ______
Scott Ude	10/5/16	1900		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: Bottles Received:
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:

Hold #
Condition: (lab use only)
COC Seal Intact: ___Y ___N ___NA
pH Checked: NCF:

12 12 12 32

TRC Solutions - Austin, TX 505 E. Huntland Dr, Ste 250 Austin, TX 78752	Billing Information: Accounts Payable 21 Griffin Road North Windsor, CT 06095
Report to: Julie Speer	Email To: jspeer@trcsolutions.com

Chain of Custody Page ___ of ___

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

Project Description: REST Fall 2016		City/State Collected:
Phone: 512-684-3170 Fax:	Client Project # 249545.0000.0000 000	Lab Project # TRCATX-REST
Collected by (print): Scott Ude	Site/Facility ID # REST - NAVAJO-ARTESIA	P.O. # 94397
Collected by (signature): Scott Ude Immediately Packed on Ice N ___ Y ✓	Rush? (Lab MUST Be Notified) ___ Same Day ......200% ___ Next Day ......100% ___ Two Day ......50% ___ Three Day 25%	Date Results Needed Email? ___No X__Yes FAX? ___No ___Yes

L# [illegible]
Table #
Acctnum: TRCATX
Template: T115563
Prelogin: P568346
TSR: 526 - Chris McCord
PB: [illegible]
Shipped Via: FedEX Ground

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260 40mlAmb-HCl	V8260- Trip Blank 40mlAmb-HCl-Blk								Rem./Contaminant	Sample # (lab only)
MW-116		GW		10/5/16	915	10	X										32
MW-48		GW		10/5/16	1405	10	X										34
MW-130		GW		10/5/16	1500	10	X										35
KWB-4 (No Sample, LNAPL)		GW				8	X										
MW-52		GW		10/5/16	1525	11	X										36
MW-109		GW		10/5/16	1355	10	X										37
MW-110		GW		10/5/16	1440	10	X										38
~~DUP-REST-02~~		~~GW~~		~~10/4/16~~	~~1300~~	10	X										
~~EB-REST-02~~		~~GW~~		~~10/4/16~~	~~1400~~	10	X										
~~DUP-REST-04~~		~~GW~~		~~10/4/16~~	~~1200~~	11	X										

* Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other_______

Remarks:

pH ______ Temp ______
Flow ______ Other ______

Hold #

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐ ____	Condition: (lab use only)
Scott Ude	10/5/16	1900			
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received: 59	COC Seal Intact: ___Y ___N ___NA
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) [illegible]	Date: 10-7-16 Time: [illegible]	pH Checked: [illegible] NCF:

13 12 13 32

TRC Solutions - Austin, TX 505 E. Huntland Dr, Ste 250 Austin, TX 78752	Billing Information: Accounts Payable 21 Griffin Road North Windsor, CT 06095	
Report to: Julie Speer	Email To: jspeer@trcsolutions.com	
Project Description: REST Fall 2016		City/State Collected:
Phone: 512-684-3170 Fax:	Client Project # 249545.0000.0000 000	Lab Project # TRCATX-REST
Collected by (print): Scott Uhl	Site/Facility ID # REST - NAVAJO-ARTESIA	P.O. # 94397
Collected by (signature): Scott Uhl Immediately Packed on Ice N ___ Y ✓	Rush? (Lab MUST Be Notified) ___ Same Day ....200% ___ Next Day ....100% ___ Two Day ....50% ___ Three Day 25%	Date Results Needed Email? ___No X Yes FAX? ___No ___Yes

Analysis / Container / Preservative

Chain of Custody Page ___ of ___

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

L# [illegible]
Table #
Acctnum: TRCATX
Template: T115563
Prelogin: P568346
TSR: 526 - Chris McCord
PB: [illegible]
Shipped Via: FedEX Ground

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	Anions 125mlHDPE-NoPres	CN 250mlHDPEAmb-NaOH 7/2	Cations 250mlHDPE-HNO3	Cyanide 250mlHDPEAmb-NaOH 7/2	DRO/... 40mlAmb-HCl-BT	GRO 40mlAmb HCl	NO2NO3 250mlHDPE-H2SO4	TDS 250mlHDPE-NoPres	Total metals-long 250mlHDPE-HNO3	Total metals-short 250mlHDPE-HNO3	Rem./Contaminant	Sample # (lab only)
~~EB-REST-04~~		~~GW~~		~~10/4/16~~	~~1055~~	11	X		X	X	X	X	X	X	X			
~~MW-101~~		~~GW~~		~~10/4/16~~	~~1510~~	10	X		X		X	X	X	X		X		
MW-105		GW		10/5/16	825	10	X		X		X	X	X	X		X		39
MW-61		GW		10/5/16	835	10	X		X		X	X	X	X		X		40
MW-62		GW		10/5/16	920	10	X		X		X	X	X	X		X		41
MW-93		GW		10/5/16	1015	10	X		X		X	X	X	X		X		42
MW-43		GW		10/5/16	1320	11	X		X	X	X	X	X	X	X			43
MW-137		GW		10/5/16	1155	11	X		X	X	X	X	X	X	X			44
MW-138		GW		10/5/16	1225	11	X		X	X	X	X	X	X	X			45
MW-23		GW		10/5/16	1105	10	X		X		X	X	X	X		X		46

* Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other_______

Remarks:

pH _______ Temp _______
Flow _______ Other _______

Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐ _______

Relinquished by : (Signature) Scott Uhl	Date: 10/5/16	Time: 1900	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) [illegible]

Temp: °C Bottles Received: [illegible]
Date: 10-7-16 Time: [illegible]
Condition: (lab use only)
COC Seal Intact: ___Y ___N ___NA
pH Checked: [illegible]
NCF:

14 19 14 32

TRC Solutions - Austin, TX

505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095

Report to: Julie Speer

Email To: jspeer@trcsolutions.com

Project Description: REST Fall 2016

City/State Collected:

Phone: 512-684-3170
Fax:

Client Project # 249545.0000.0000 000

Lab Project # TRCATX-REST

Collected by (print): Scott Udd

Site/Facility ID # REST - NAVAJO-ARTESIA

P.O. # 94397

Collected by (signature): Scott Udd

Immediately Packed on ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day 200%
___ Next Day 100%
___ Two Day 50%
___ Three Day 25%

Date Results Needed

Email? ___No X_Yes
FAX? ___No ___Yes

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	8270 40ml Amb-HCl	8260 - Trip Blank 40ml Amb-HCl - BTX
~~EB-REST-04~~		~~GW~~		~~10/4/16~~	~~1655~~	11	X	
~~MW-101~~		~~GW~~		~~10/4/16~~	~~1545~~	10	X	
MW-105		GW		10/5/16	825	10	X	
MW-61		GW		10/5/16	835	10	X	
MW-62		GW		10/5/16	920	10	X	
MW-93		GW		10/5/16	1015	10	X	
MW-43		GW		10/5/16	1320	11	X	
MW-137		GW		10/5/16	1155	11	X	
MW-138		GW		10/5/16	1225	11	X	
MW-23		GW		10/5/16	1105	10	X	

Analysis / Container / Preservative

Chain of Custody Page ___ of ___

ESC LAB SCIENCES

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

Table #
Acctnum: TRCATX
Template: T125563
Prelogin: P568346
TSR: 526 - Chris Mitchell
PB:
Shipped Via: FedEX Ground

Rem./Contaminant	Sample # (lab only)
	33
	40
	41
	42
	43
	44
	45
	46

* Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Hold #

Condition: (lab use only)

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Scott Udd	10/5/16	1900	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by : (Signature)

Samples returned via: ☐ UPS ☑ FedEx ☐ Courier ☐ _____

Tracking # _____

Temp: 5.4 °C Bottles Received: 54

Date: 10-7-16 Time: 0900

COC Seal Intact: ___Y ___N ___NA

pH Checked: ___ NCF: ___

15 15 32

TRC Solutions - Austin, TX 505 E. Huntland Dr, Ste 250 Austin, TX 78752	Billing information: Accounts Payable 21 Griffin Road North Windsor, CT 06095
Report to: Julie Speer	Email To: jspeer@trcsolutions.com
Project Description: REST Fall 2016	City/State Collected:
Phone: 512-684-3170 Fax:	Client Project # 249545.0000.0000 000
Lab Project # TRCATX-REST	
Collected by (print): Scott Ude	Site/Facility ID # REST - NAVAJO-ARTESIA
P.O. # 94397	
Collected by (signature): Scott Ude Immediately Packed on Ice N ___ Y ✓	Rush? (Lab MUST Be Notified) ___ Same Day ......200% ___ Next Day ......100% ___ Two Day ......50% ___ Three Day 25%
Date Results Needed Email? ___No X Yes FAX? ___No ___Yes	

Chain of Custody Page ___ of ___

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

L# L861646
Table #
Acctnum: TRCATX
Template: T115563
Prelogin: P568346
TSR: 526 - Chris McCord
PB:
Shipped Via: FedEX Ground

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	Anions 125mlHDPE-NoPres	CN 250mlHDPEAmb-NaOH 7/1	Cations 250mlHDPE-HNO3	Cyanide 250mlHDPEAmb-NaOH 7/1	DROLVI 40mlAmb-HCl-BT	GRO 40mlAmb HCl	NO2NO3 250mlHDPE-H2SO4	TDS 250mlHDPE-NoPres	Total metals-long 250mlHDPE-HNO3	Total metals-short 250mlHDPE-HNO3	Rem./Contaminant	Sample # (lab only)
MW-126A		GW		10/5/16	1410	10	X		X		X	X	X	X		X		
MW-126B		GW		10/5/16	1450	10	X		X		X	X	X	X		X		
MW-127		GW		10/5/16	1535	10	X		X		X	X	X	X		X		
MW-129		GW		10/5/16	1705	10	X		X		X	X	X	X		X		
~~KWB-1A~~		~~GW~~		~~10/4/16~~	~~1345~~	9	X		X	X	X		X	X	X			
~~KWB-10R~~		~~GW~~		~~10/4/16~~	~~1305~~	8	X		X		X		X	X		X		
MW-131		GW		10/5/16	1610	10	X		X		X	X	X	X		X		
KWB-5		GW		10/5/16	1520	8	X		X		X		X	X		X		
~~MW-111~~		~~GW~~		~~10/4/16~~	~~1440~~	10	X		X		X	X	X	X		X		
~~KWB-6~~		~~GW~~		~~10/4/16~~	~~1550~~	8	X		X		X		X	X		X		

* Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other______

Remarks:

pH ______ Temp ______

Flow ______ Other ______

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐ ____	Condition: (lab use only)
Scott Ude	10/5/16	1900			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Bottles Received: 54	COC Seal Intact: ___Y ___N ___NA
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 10-7-16 Time: 1900	pH Checked: NCF:

16 6 16 32

TRC Solutions - Austin, TX 505 E. Huntland Dr, Ste 250 Austin, TX 78752	Billing Information: Accounts Payable 21 Griffin Road North Windsor, CT 06095	Chain of Custody Page ___ of ___ ESC LAB SCIENCES 12065 Lebanon Rd Mount Juliet, TN 37122 Phone: 615-758-5858 Phone: 800-767-5859 Fax: 615-758-5859
Report to: Julie Speer	Email To: jspeer@trcsolutions.com	

Project Description: REST Fall 2016		City/State Collected:
Phone: 512-684-3170 Fax:	Client Project # 249545.0000.0000 000	Lab Project # TRCATX-REST
Collected by (print): Scott Ude	Site/Facility ID # REST - NAVAJO-ARTESIA	P.O. # 94397
Collected by (signature): Scott Ude Immediately Packed on Ice N ___ Y ✓	Rush? (Lab MUST Be Notified) ___ Same Day ......200% ___ Next Day ......100% ___ Two Day ......50% ___ Three Day 25%	Date Results Needed Email? ___No X Yes FAX? ___No ___Yes

L# L864646
Table #
Account: TRCATX
Template: T115563
Prelogin: P568346
TSR: 526 - Chris McCord
PB: [illegible]
Shipped Via: FedEX Ground

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260 40mlAmb-HCl	V8260- Trip Blank 40mlAmb-HCl-Blk								Rem./Contaminant	Sample # (lab only)
MW-126A		GW		10/5/16	1410	10	X										5
MW-126B		GW		10/5/16	1450	10	X										6
MW-127		GW		10/5/16	1535	10	X										7
MW-129		GW		10/5/16	1705	10	X										8
~~KWB-1A~~		~~GW~~		~~10/4/16~~	~~1346~~	9	X										
~~KWB-10R~~		~~GW~~		~~10/4/16~~	~~1305~~	8	X										
MW-131		GW		10/5/16	1610	10	X										9
KWB-5		GW		10/5/16	1520	8	X										[illegible]
~~MW-111~~		~~GW~~		~~10/4/16~~	~~1640~~	10	X										
~~KWB-6~~		~~GW~~		~~10/4/16~~	~~1550~~	8	X										

* Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other ______

Remarks:

pH ______ Temp ______

Flow ______ Other ______

Hold #

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐ ______	Condition: (lab use only)
Scott Ude	10/5/16	1900			
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 3 °C Bottles Received: 504	COC Seal Intact: ___Y ___N ___NA
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) [signature]	Date: 10-7-16 Time: [illegible]	pH Checked: [illegible] NCF:

17 3/17 32

TRC Solutions - Austin, TX 505 E. Huntland Dr, Ste 250 Austin, TX 78752	Billing Information: Accounts Payable 21 Griffin Road North Windsor, CT 06095	Chain of Custody Page ___ of ___ ESC LAB SCIENCES 12065 Lebanon Rd Mount Juliet, TN 37122 Phone: 615-758-5858 Phone: 800-767-5859 Fax: 615-758-5859
Report to: Julie Speer	Email To: jspeer@trcsolutions.com	L864046
Project Description: REST Fall 2016	City/State Collected:	Table #
Phone: 512-684-3170 Fax:	Client Project #: 249545.0000.0000 000	Lab Project #: TRCATX-REST
Collected by (print): Scott Ude	Site/Facility ID #: REST - NAVAJO-ARTESIA	P.O. #: 94397
Collected by (signature): Scott Ude Immediately Packed on Ice N ___ Y ✓	Rush? (Lab MUST Be Notified) ___ Same Day .... 200% ___ Next Day .... 100% ___ Two Day .... 50% ___ Three Day 25%	Date Results Needed Email? ___No X Yes FAX? ___No ___Yes

Acctnum: TRCATX
Template: T115563
Prelogin: P568346
TSR: 526 - Chris McCord
PB: [illegible]
Shipped Via: FedEX Ground

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	Anions 125mlHDPE-NoPres	CN 250mlHDPEAmb-NaOH 7/12	Cations 250mlHDPE-HNO3	Cyanide 250mlHDPEAmb-NaOH 7/12	DROLVI 40mlAmb-HCl-BT	GRO 40mlAmb HCl	[illegible]	TDS 250mlHDPE-NoPres	Total metals-long 250mlHDPE-HNO3	Total metals-short 250mlHDPE-HNO3	Rem./Contaminant	Sample # (lab only)
~~MW-115~~		~~GW~~		~~10/4/16~~	~~1010~~	10	X		X		X	X	X	X		X		
~~MW-114~~		~~GW~~		~~10/4/16~~	~~1705~~	10	X		X		X	X	X	X		X		
DUP-REST-01		GW		10/5/16	1200	10	X		X		X	X	X	X		X		-10
EB-REST-01		GW		10/5/16	845	10	X		X		X	X	X	X		X		11
~~DUP-REST-03~~		~~GW~~		~~10/4/16~~	~~1500~~	10	X		X		X	X	X	X		X		
~~EB-REST-03~~		~~GW~~		~~10/4/16~~	~~1450~~	10	X		X		X	X	X	X		X		
MW-117		GW		10/5/16	845	10	X		X		X	X	X	X		X		12
MW-118		GW		10/5/16	930	10	X		X		X	X	X	X		X		13
MW-119		GW		10/5/16	1020	10	X		X		X	X	X	X		X		14
~~MW-136~~		~~GW~~		~~10/4/16~~	~~1455~~	11	X		X	X	X	X	X	X	X			

* Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other ________

Remarks:

pH ______ Temp ______

Flow ______ Other ______

Hold #

Relinquished by: (Signature) Scott Ude	Date: 10/5/16	Time: 1900	Received by: (Signature)	Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐ ______
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received: [illegible]
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) [illegible]	Date: 10/7/16 Time: [illegible]

Condition: (lab use only)

COC Seal Intact: ___ Y ___ N ___ NA

pH Checked: [illegible] NCF:

18 4 18 32

TRC Solutions - Austin, TX

505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095

Chain of Custody Page ___ of ___

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

Report to:	Julie Speer
Email To:	jspeer@trcsolutions.com
Project Description:	REST Fall 2016
City/State Collected:	
Phone:	512-684-3170
Fax:	
Client Project #	249545.0000.0000 000
Lab Project #	TRCATX-REST
Collected by (print):	Scott Ude
Site/Facility ID #	REST - NAVAJO-ARTESIA
P.O. #	94397
Collected by (signature):	Scott Ude
Immediately Packed on Ice	N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day 200%
___ Next Day 100%
___ Two Day 50%
___ Three Day 25%

Date Results Needed
Email? ___No X__Yes
FAX? ___No ___Yes

Analysis / Container / Preservative: V8260 40mlAmb-HCl; V8260- Trip Blank 40mlAmb-HCl-Blk

[illegible]
Table #
Acctnum: TRCATX
Template: T115563
Prelogin: P568346
TSR: 526 - Chris McCord
PB: [illegible]
Shipped Via: FedEX Ground

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260 40mlAmb-HCl	V8260- Trip Blank 40mlAmb-HCl-Blk	Rem./Contaminant	Sample # (lab only)
~~MW-115~~		~~GW~~		~~10/4/16~~	~~1010~~	10	X			
~~MW-114~~		~~GW~~		~~10/4/16~~	~~1705~~	10	X			
DUP-REST-01		GW		10/5/16	1200	10	X			-10
EB-REST-01		GW		10/5/16	845	10	X			11
~~DUP-REST-03~~		~~GW~~		~~10/4/16~~	~~1500~~	10	X			
~~EB-REST-03~~		~~GW~~		~~10/4/16~~	~~1450~~	10	X			
MW-117		GW		10/5/16	845	10	X			12
MW-118		GW		10/5/16	930	10	X			13
MW-119		GW		10/5/16	1020	10	X			14
~~MW-136~~		~~GW~~		~~10/4/16~~	~~1455~~	11	X			

* Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other ________

Remarks:

pH ______ Temp ______
Flow ______ Other ______

Hold #
Condition: (lab use only)

Relinquished by : (Signature) Scott Ude	Date: 10/5/16	Time: 1900	Received by: (Signature)	Samples returned via: ☐ UPS ☑ FedEx ☐ Courier ☐ ____
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: [illegible] Bottles Received: [illegible]
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) [illegible]	Date: 10-7-16 Time: 900

COC Seal Intact: ___ Y ___ N ___ NA
pH Checked: [illegible]
NCF:

TRC Solutions - Austin, TX	Billing Information:
505 E. Huntland Dr, Ste 250 Austin, TX 78752	Accounts Payable 21 Griffin Road North Windsor, CT 06095
Report to: Julie Speer	Email To: jspeer@trcsolutions.com

Project Description: REST Fall 2016		City/State Collected:
Phone: 512-684-3170 Fax:	Client Project # 249545.0000.0000 000	Lab Project # TRCATX-REST
Collected by (print): Scott Ude	Site/Facility ID # REST - NAVAJO-ARTESIA	P.O. # 94397
Collected by (signature): Scott Ude Immediately Packed on Ice N ___ Y ✓	Rush? (Lab MUST Be Notified) ___ Same Day ....200% ___ Next Day ....100% ___ Two Day ....50% ___ Three Day 25%	Date Results Needed Email? ___No X Yes FAX? ___No ___Yes

Chain of Custody Page ___ of ___

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Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# L860466
Table #
Account: TRCATX
Template: T115563
Prelogin: P568346
TSR: 526 - Chris McCord
PB:
Shipped Via: FedEX Ground

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	Anions 125mlHDPE-NoPres	CN 250mlHDPEAmb-NaOH 7/2	Cations 250mlHDPE-HNO3	Cyanide 250mlHDPEAmb-NaOH 7/2	DROLV 40mlAmb-HCl-BT	GRO 40mlAmb HCl	NO2NO3 250mlHDPE-H2SO4	TDS 250mlHDPE-NoPres	Total metals-long 250mlHDPE-HNO3	Total metals-short 250mlHDPE-HNO3	Rem./Contaminant	Sample # (lab only)
MW-39		GW		10/5/16	1435	10	X		X		X	X	X	X		X		47
MW-98		GW		10/5/16	925	10	X		X		X	X	X	X		X		48
MW-29		GW		10/5/16	1525	10	X		X		X	X	X	X		X		41
~~MW-106~~		~~GW~~		~~10/4/16~~	~~1715~~	10	X		X		X	X	X	X		X		46
MW-50		GW		10/5/16	950	8	X		X		X		X	X		X		50 44
MW-97 (No Sample; LNAPL)		GW				10	X				X	X	X	X		X		42
MW-92		GW		10/5/16	1120	10	X		X		X	X	X	X		X		51 43
MW-91		GW		10/5/16	1035	10	X		X		X	X	X	X		X		52 44
MW-90		GW		10/5/16	1205	10	X		X		X	X	X	X		X		53 45
MW-96		GW		10/5/16	1245	10	X		X		X	X	X	X		X		54 46

* Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other ________

Remarks:

pH ______ Temp ______
Flow ______ Other ______
Hold #

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐ ____	Condition: (lab use only)
Scott Ude	10/5/16	1900			
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 2 °C Bottles Received: 50	COC Seal Intact: ___Y ___N ___NA
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 10-7-16 Time:	pH Checked: NCF:

20 1/20 32

TRC Solutions - Austin, TX 505 E. Huntland Dr, Ste 250 Austin, TX 78752	Billing Information: Accounts Payable 21 Griffin Road North Windsor, CT 06095	Analysis / Container / Preservative	Chain of Custody Page ___ of ___ ESC LAB SCIENCES 12065 Lebanon Rd Mount Juliet, TN 37122 Phone: 615-758-5858 Phone: 800-767-5859 Fax: 615-758-5859
Report to: Julie Speer	Email To: jspeer@trcsolutions.com		

Project Description: REST Fall 2016	City/State Collected:
Phone: 512-684-3170 Fax:	Client Project # 249545.0000.0000 000
Lab Project # TRCATX-REST	
Collected by (print): Scott Ude	Site/Facility ID # REST - NAVAJO-ARTESIA
P.O. # 94397	
Collected by (signature): Scott Ude Immediately Packed on Ice N ___ Y ✓	Rush? (Lab MUST Be Notified) ___ Same Day ....200% ___ Next Day ....100% ___ Two Day ....50% ___ Three Day 25%
Date Results Needed Email? ___No X Yes FAX? ___No ___Yes	

L# L864646 [illegible]
Table #
Acctnum: TRCATX
Template: T115563
Prelogin: P568346
TSR: 526 - Chris McCord
PB: [illegible]
Shipped Via: FedEX Ground

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260 40mlAmb-HCl	V8260- Trip Blank 40mlAmb-HCl-Blk	Rem./Contaminant	Sample # (lab only)
MW-39		GW		10/5/16	1435	10	X			47
MW-98		GW		10/5/16	925	10	X			48
MW-29		GW		10/5/16	1525	10	X			49
~~MW-106~~		~~GW~~		~~10/4/16~~	~~1715~~	10	X			
MW-50		GW		10/5/16	950	8	X			50
MW-97 (No Sample, LNAPL)		GW				10	X			
MW-92		GW		10/5/16	1120	10	X			51
MW-91		GW		10/5/16	1035	10	X			52
MW-90		GW		10/5/16	1205	10	X			53
MW-96		GW		10/5/16	1245	10	X			54

* Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other___

Remarks:

pH ___ Temp ___
Flow ___ Other ___
Hold #

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐ ___	Condition: (lab use only)
Scott Ude	10/5/16	1900			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received: 50	COC Seal Intact: ___Y ___N ___NA
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) [illegible]	Date: 10-7-16 Time: 0900	pH Checked: [illegible] NCF:

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TRC Solutions - Austin, TX 505 E. Huntland Dr, Ste 250 Austin, TX 78752	Billing Information: Accounts Payable 21 Griffin Road North Windsor, CT 06095
Report to: Julie Speer	Email To: jspeer@trcsolutions.com
Project Description: REST Fall 2016	City/State Collected:
Phone: 512-684-3170 Fax:	Client Project # 249545.0000.0000 000
Lab Project # TRCATX-REST	
Collected by (print): Scott Ude	Site/Facility ID # REST - NAVAJO-ARTESIA
P.O. # 94397	
Collected by (signature): Scott Ude Immediately Packed on Ice N ___ Y ✓	Rush? (Lab MUST Be Notified) ___ Same Day ....200% ___ Next Day ....100% ___ Two Day ....50% ___ Three Day 25%
Date Results Needed Email? ___No X Yes FAX? ___No ___Yes	

Chain of Custody Page ___ of ___

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Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L864646
Table #
Account: TRCATX
Template: T115563
Prelogin: P568346
TSR: 526 - Chris McCord
PB:
Shipped Via: FedEX Ground

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	Anions 125mlHDPE-NoPres	CN 250mlHDPEAmb-NaOH	Cations 250mlHDPE-HNO3	Cyanide 250mlHDPEAmb-NaOH	DRO/LVI 40mlAmb HCl-BT	GRO 40mlAmb HCl	NH3/NO3 250mlHDPE-H2SO4	TDS 250mlHDPE-NoPres	Total metals-long 250mlHDPE-HNO3	Total metals-short 250mlHDPE-HNO3	Rem./Contaminant	Sample # (lab only)
MW-94		GW		10/5/16	1330	10	X		X		X	X	X	X		X		-01
MW-67		GW		10/5/16	1410	11	X		X	X	X	X	X	X	X			-02
EXTRAS		GW				11	X			X	X	X	X	X	X			
EXTRAS		GW				11	X			X	X	X	X	X	X			
EXTRAS		GW				11	X			X	X	X	X	X	X			
~~TRIP BLANK-REST-01~~		~~GW~~				~~1~~												
~~TRIP BLANK-REST-02~~		~~GW~~				~~1~~												
~~TRIP BLANK-REST-03~~		~~GW~~				~~1~~												
~~TRIP BLANK-REST-04~~		~~GW~~				~~1~~												

* Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other ________

Remarks:

pH ________ Temp ________

Flow ________ Other ________

Hold #

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐ ____	Condition: (lab use only)
Scott Ude	10/5/16	1900			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 3.1 °C Bottles Received: 509	COC Seal Intact: ___Y ___N ___NA
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 10-7-16 Time: 0900	pH Checked: NCF:

22 10/22 32

Chain of Custody Page ___ of ___

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Fax: 615-758-5859

TRC Solutions - Austin, TX

505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095

Report to: Julie Speer

Email To: jspeer@trcsolutions.com

Project Description: REST Fall 2016

City/State Collected:

Phone: 512-684-3170
Fax:

Client Project #: 249545.0000.0000 000

Lab Project #: TRCATX-REST

Collected by (print): Scott Ude

Site/Facility ID #: REST - NAVAJO-ARTESIA

P.O. #: 94397

Collected by (signature): Scott Ude

Rush? (Lab MUST Be Notified)
___ Same Day 200%
___ Next Day 100%
___ Two Day 50%
___ Three Day 25%

Immediately Packed on Ice N ___ Y ✓

Date Results Needed

Email? ___No X__Yes
FAX? ___No ___Yes

L#: L904-46

Table #

Acctnum: TRCATX
Template: T115563
Prelogin: P568346
TSR: 526 - Chris McCord
PB: [illegible]

Shipped Via: FedEX Ground

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260 40mlAmb HCl	V8260- Trip Blank 40mlAmb HCl Blk								Rem./Contaminant	Sample # (lab only)
MW-94		GW		10/5/16	1330	10	X										45
MW-67		GW		10/5/16	1410	11	X										46
EXTRAS		GW				11	X										
EXTRAS		GW				11	X										
EXTRAS		GW				11	X										
~~TRIP-BLANK-REST-01~~		~~GW~~		~~10/4/16~~	~~—~~	~~1~~		X									
~~TRIP-BLANK-REST-02~~		~~GW~~		~~10/4/16~~	~~—~~	1		X									
TRIP BLANK-REST-03		GW		10/5/16	—	1		X									
TRIP BLANK-REST-04		GW		10/5/16	—	1		X									

* Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other________

Remarks:

pH ________ Temp ________

Flow ________ Other ________

Hold #

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐ ____	Condition: (lab use only)
Scott Ude	10/5/16	1900			OK
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: [illegible] °C Bottles Received: [illegible]	COC Seal Intact: ___Y ___N ___NA
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) [illegible]	Date: 10-7-16 Time: [illegible]	pH Checked: [illegible] NCF:

23 23 32

TRC Solutions - Austin, TX 505 E. Huntland Dr, Ste 250 Austin, TX 78752	Billing Information: Accounts Payable 21 Griffin Road North Windsor, CT 06095	
Report to: Julie Speer	Email To: jspeer@trcsolutions.com	
Project Description: EP Fall 2016		City/State Collected:
Phone: 512-684-3170 Fax:	Client Project # 249545.0000.0000 000	Lab Project # TRCATX-EP
Collected by (print): Scott Ude	Site/Facility ID # EP NAVAJO-ARTESIA	P.O. # 94397
Collected by (signature): Scott Ude immediately Packed on ice N___ Y ✓	Rush? (Lab MUST Be Notified) ___ Same Day ....200% ___ Next Day ....100% ___ Two Day ....50% ___ Three Day 25%	Date Results Needed Email? ___No X__Yes FAX? ___No ___Yes

Chain of Custody Page ___ of ___

ESC LAB SCIENCES

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Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# L86567
Table #
Acctnum: TRCATX
Template: T115530
Prelogin: P568138
TSR: 526 - Chris McCord
PB:
Shipped Via: FedEX Ground

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	Anions 125mlHDPE-NoPres	Cations 250mlHDPE-HNO3	Cyanide 250mlHDPE-NaOH	DROLVI 40mlAmb-HCl-BT	GRO 40mlAmb HCl	NO2NO3 250mlHDPE-H2SO4 ✓2	TDS 250mlHDPE-NoPres	Total Metals-Short 250mlHDPE-HNO3	Total metals- long 250mlHDPE-HNO3	Total metals- short 250mlHDPE-HNO3 ✓2	Rem./Contaminant	Sample # (lab only)
~~MW-10~~		~~GW~~		~~10/4/16~~	~~1100~~	10	X	X		X	X	X	X			X		
~~MW-123~~		~~GW~~		~~10/4/16~~	~~1145~~	10	X	X		X	X	X	X			X		
~~MW-4A~~		~~GW~~		~~10/4/16~~	~~1235~~	10	X	X		X	X	X	X			X		
~~MW-5A~~		~~GW~~		~~10/4/16~~	~~1325~~	10	X	X		X	X	X	X			X		
~~MW-7A~~		~~GW~~		~~10/4/16~~	~~1430~~	10	X	X		X	X	X	X			X		
~~OCD-8A~~		~~GW~~		~~10/4/16~~	~~1530~~	11	X	X	X	X	X	X	X		X			
~~DUP-EP-01~~		~~GW~~		~~10/4/16~~	~~1100~~	10	X	X		X	X	X	X			X		
DUP-EP-02		GW		10/5/16	1000	10	X	X		X	X	X	X			X		
~~DUP-EP-03~~		~~GW~~		~~10/4/16~~	~~1200~~	10	X	X		X	X	X	X			X		
~~EB-EP-03~~		~~GW~~		~~10/4/16~~	~~1340~~	10	X	X		X	X	X	X			X		

* Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other___________

Remarks:

pH ________ Temp ________

Flow ________ Other ________

Hold #

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	
Scott Ude	10/5/16	1900		Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐ ______
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:

Condition: (lab use only)

COC Seal Intact: ___Y ___N ___NA

pH Checked: NCF:

24 24 32

TRC Solutions - Austin, TX 505 E. Huntland Dr, Ste 250 Austin, TX 78752	Billing Information: Accounts Payable 21 Griffin Road North Windsor, CT 06095	Chain of Custody Page ___ of ___ ESC LAB SCIENCES 12065 Lebanon Rd Mount Juliet, TN 37122 Phone: 615-758-5858 Phone: 800-767-5859 Fax: 615-758-5859
Report to: Julie Speer	Email To: jspeer@trcsolutions.com	L# L861597
Project Description: EP Fall 2016	City/State Collected:	Table #
Phone: 512-684-3170 Fax:	Client Project # 249545.0000.0000 000	Lab Project # TRCATX-EP
Collected by (print): Scott Ude	Site/Facility ID # EP NAVAJO-ARTESIA	P.O. # 94397
Collected by (signature): Scott Ude Immediately Packed on Ice N ___ Y ✓	*Rush?* (Lab MUST Be Notified) ___ Same Day .... 200% ___ Next Day .... 100% ___ Two Day .... 50% ___ Three Day 25%	Date Results Needed Email? ___No X__Yes FAX? ___No ___Yes

Analysis / Container / Preservative

Account: TRCATX
Template: T115530
Prelogin: P568138
TSR: 526 - Chris McCord
PB:
Shipped Via: FedEX Ground

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260 40mlAmb-HCl	V8260- Trip Blank 40mlAmb-HCl-Blk							Rem./Contaminant	Sample # (lab only)
~~MW-10~~		~~GW~~		~~10/4/16~~	~~1100~~	10	X									
~~MW-123~~		~~GW~~		~~10/4/16~~	~~1145~~	10	X									
~~MW-4A~~		~~GW~~		~~10/4/16~~	~~1235~~	10	X									
~~MW-5A~~		GW		~~10/4/16~~	~~1325~~	10	X									
~~MW-7A~~		~~GW~~		~~10/4/16~~	~~1430~~	10	X									
~~OCD-8A~~		~~GW~~		~~10/4/16~~	1530	11	X									
~~DUP-EP-01~~		~~GW~~		~~10/4/16~~	1100	10	X									
* DUP-EP-02		GW		10/5/16	1000	10	X									
~~DUP-EP-03~~		~~GW~~		~~10/4/16~~	~~1200~~	10	X									
~~EB-EP-03~~		GW		10/4/16	~~1340~~	10	X									

* Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other______

Remarks:

pH ______ Temp ______

Flow ______ Other ______

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐ ____	Hold #
Scott Ude	10/5/16	1900			Condition: (lab use only)
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:	COC Seal Intact: __Y __N __NA
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:	pH Checked: NCF:

25 25 32

TRC Solutions - Austin, TX

505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095

Report to: Julie Speer

Email To: jspeer@trcsolutions.com

Project Description: EP Fall 2016

City/State Collected:

Phone: 512-684-3170
Fax:

Client Project #: 249545.0000.0000 000

Lab Project #: TRCATX-EP

Collected by (print): Scott Ude

Site/Facility ID #: EP NAVAJO-ARTESIA

P.O. #: 94397

Collected by (signature): Scott Ude

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day 200%
___ Next Day 100%
___ Two Day 50%
___ Three Day 25%

Date Results Needed

Email? ___No X Yes
FAX? ___No ___Yes

Chain of Custody Page ___ of ___

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

L#: [illegible]
Table #:
Account: TRCATX
Template: T115530
Prelogin: P568138
TSR: 526 - Chris McCord
PB: [illegible]
Shipped Via: FedEX Ground

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	Anions 125mlHDPE-NoPres	Cations 250mlHDPE-HNO3	Cyanide 250mlHDPEAmb-NaOH	DRO/VI 40mlAmb-HCl-BT	GRO 40mlAmb-HCl	NO2NO3 250mlHDPE-H2SO4	TDS 250mlHDPE-NoPres	Total Metals-Short 250mlHDPE-HNO3	Total metals-long 250mlHDPE-HNO3	Total metals-short 250mlHDPE-HNO3	Rem./Contaminant	Sample # (lab only)
~~GCD-7AR~~		~~GW~~		~~10/4/16~~	~~1235~~	10	X	X		X	X	X	X			X		
EB-EP-01		GW		10/5/16	1220	10	X	X		X	X	X	X			X		
EB-EP-04		GW		10/5/16	1315	10	X	X		X	X	X	X			X		
MW-76		GW		10/5/16	955	10	X	X		X	X	X	X			X		
MW-77		GW		10/5/16	1040	10	X	X		X	X	X	X			X		
MW-75		GW		10/5/16	1120	10	X	X		X	X	X	X			X		
~~MW-83~~		~~GW~~		~~10/4/16~~	~~1700~~	10	X	X		X	X	X	X			X		
~~MW-3~~		~~GW~~		~~10/4/16~~	~~1020~~	10	X	X		X	X	X	X			X		
MW-88		GW		10/5/16	825	7				X	X					X		
MW-22A		GW		10/5/16	905	10	X	X		X	X	X	X			X		

* Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other___________

Remarks:

pH ________ Temp ________

Flow ________ Other ________

Hold #

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
Scott Ude	10/5/16	1900	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) [signature]

Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐ ______

Temp: 2.1 °C Bottles Received: 134

Date: 10-7-16 Time: 910

Condition: (lab use only) OK

COC Seal Intact: ___Y ___N ___NA

pH Checked: [illegible] NCF:

26 26 32

TRC Solutions - Austin, TX

505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095

Chain of Custody Page ___ of ___

ESC LAB SCIENCES

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

Report to: Julie Speer

Email To: jspeer@trcsolutions.com

Project Description: EP Fall 2016

City/State Collected:

Phone: 512-684-3170
Fax:

Client Project #: 249545.0000.0000 000

Lab Project #: TRCATX-EP

Collected by (print): Scott Uoe

Site/Facility ID #: EP NAVAJO-ARTESIA

P.O. #: 94397

Collected by (signature): Scott Uoe

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day 200%
___ Next Day 100%
___ Two Day 50%
___ Three Day 25%

Date Results Needed:

Email? ___No X___Yes
FAX? ___No ___Yes

L# [illegible]
Table #
Acctnum: TRCATX
Template: T115530
Prelogin: P568138
TSR: 526 - Chris McCord
PB: [signature]
Shipped Via: FedEX Ground

Analysis / Container / Preservative

	Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260 40mlAmb-HCl	V8260- Trip Blank 40mlAmb-HCl-Blk	Rem./Contaminant	Sample # (lab only)
	~~OCD-7A2~~		~~GW~~		~~10/4/16~~	~~1235~~	10	X			
*	EB-EP-01		GW		10/5/16	1220	10	X			-01
*	EB-EP-04		GW		10/5/16	1315	10	X			[illegible]
*	MW-76		GW		10/5/16	955	10	X			[illegible]
*	MW-77		GW		10/5/16	1040	10	X			[illegible]
*	MW-75		GW		10/5/16	1120	10	X			[illegible]
	~~MW-83~~		~~GW~~		~~10/4/16~~	~~1700~~	10	X			
	~~MW-3~~		~~GW~~		~~10/4/16~~	~~1630~~	10	X			
*	MW-88		GW		10/5/16	825	7	X			-09
*	MW-22A		GW		10/5/16	905	10	X			-10

* Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other__________

Remarks:

pH ________ Temp ________

Flow ________ Other ________

Hold #

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	
Scott Uoe	10/5/16	1900		Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐ _____
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) [signature]	Date: 10-6-16 Time: [illegible]

Condition: (lab use only)

COC Seal Intact: ___Y ___N ___NA

pH Checked: NCF:

27

TRC Solutions - Austin, TX

505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095

Report to: Julie Speer

Email To: jspeer@trcsolutions.com

Project Description: EP Fall 2016

City/State Collected:

Phone: 512-684-3170
Fax:

Client Project # 249545.0000.0000 000

Lab Project # TRCATX-EP

Collected by (print): Scott Ude

Site/Facility ID # EP NAVAJO-ARTESIA

P.O. # 94397

Collected by (signature): Scott Ude
Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day 200%
___ Next Day 100%
___ Two Day 50%
___ Three Day 25%

Date Results Needed

Email? ___No X_Yes
FAX? ___No ___Yes

Analysis / Container / Preservative

Chain of Custody Page ___ of ___

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

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Ctnrs	Anion 1.25mlHDPE-NoPres	Cations 250mlHDPE-HNO3	Cyanide 250mlHDPE-NaOH	DROLVI 40mlAmb-HCl-BT	GRO 40mlVial-Frz-HCl	NO2NO3 250mlHDPE-H2SO4	TO-15 1Liter-HDPE-NoPres	Total Metals-Short 250mlHDPE-HNO3	Total Metals-Long 250mlHDPE-HNO3	Total metals- short 250mlHDPE-HNO3	Rem./Contaminant	Sample # (lab only)
OCD-1R		GW		10/5/16	615	10	X	X		X	X	X	X			X		
OCD-2A		GW		10/5/16	900	7				X	X			X				
OCD-3		GW		10/5/16	945	7				X	X			X				
OCD-4		GW		10/5/16	1030	7				X	X			X				
MW-11A		GW		10/5/16	1210	4	X	X				X	X					
OCD-5		GW		10/5/16	1120	10	X	X		X	X	X	X	X				
~~MW-87~~		~~GW~~		~~10/4/16~~	~~1408~~	~~7~~				X	X			X				
~~MW-18A~~		~~GW~~		~~10/4/16~~	~~1455~~	~~9~~	X	X	X	X		X	X		X			
~~MW-70~~		~~GW~~		~~10/4/16~~	~~1550~~	~~7~~				X	X					X		
~~MW-124~~		~~GW~~		~~10/4/16~~	~~1640~~	~~10~~	X	X		X	X	X	X			X		

Quote #
Table #
Acctnum: TRCATX
Template: T115530
Prelogin: P568138
PM: 622 - Chris McCord
PB:
Shipped Via: FedEX Ground

* Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Scott Ude	10/5/16	1903	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by (Signature)

Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐ _____
Temp _____ °C Bottles Received _____

Hold #
Condition (lab use only)
COC Seal Intact Y ___ N ___ NA
pH Checked ___ NCF ___
Date _____ Time _____

28 28 32

TRC Solutions - Austin, TX 505 E. Huntland Dr, Ste 250 Austin, TX 78752	Billing information: Accounts Payable 21 Griffin Road North Windsor, CT 06095
Report to: Julie Speer	Email To: jspeer@trcsolutions.com
Project Description: EP Fall 2016	City/State Collected:
Phone: 512-684-3170 Fax:	Client Project # 249545.0000.0000 000
Lab Project # TRCATX-EP	
Collected by (print): Scott Ude	Site/Facility ID # EP NAVAJO-ARTESIA
P.O. # 94397	
Collected by (signature): Scott Ude Immediately Packed on Ice N ____ Y ✓	*Rush?* (Lab MUST Be Notified) ____ Same Day .... 200% ____ Next Day .... 100% ____ Two Day .... 50% ____ Three Day 25%
Date Results Needed	Email? ___No X___Yes FAX? ___No ___Yes

Chain of Custody Page ___ of ___

ESC LAB SCIENCES

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# [illegible]
Table #
Account: TRCATX
Template: T115530
Prelogin: P568138
TSR: 526 - Chris McCord
PB: [illegible]
Shipped Via: FedEX Ground

Analysis / Container / Preservative

	Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260 40mlAmb-HCl	V8260- Trip Blank 40mlAmb-HCl-Blk									Rem./Contaminant	Sample # (lab only)
*	OCD-1R		GW		10/5/16	815	10	X											[illegible]
*	OCD-2A		GW		10/5/16	900	7	X											-13
*	OCD-3		GW		10/5/16	945	7	X											14
*	OCD-4		GW		10/5/16	1030	7	X											-15
	~~MW-11A~~		~~GW~~				~~4~~		(No VOC analysis requested)										-16
*	OCD-5		GW		10/5/16	1120	10	X											17
	~~MW-87~~		~~GW~~		~~10/4/16~~	~~1400~~	7	X											
	~~MW-48A~~		~~GW~~		~~10/4/16~~	~~1455~~	9	X											
	~~MW-70~~		~~GW~~		~~10/4/16~~	~~1530~~	7	X											
	~~MW-124~~		~~GW~~		~~10/4/16~~	~~1610~~	10	X											

* Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other__________

Remarks:

pH ________ Temp ________

Flow ________ Other ________

Hold #

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐ ______	Condition: (lab use only)
Scott Ude	10/5/16	1900			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:	COC Seal Intact: ___Y ___N ___NA
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:	pH Checked: NCF:

Z9 29 32

TRC Solutions - Austin, TX

505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095

Chain of Custody Page ___ of ___

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

J018

Acctnum: TRCATX
Template: T115530
Prelogin: P568138
TSR: 526 - Chris McCord
PB:
Shipped Via: FedEX Ground

Report to: Julie Speer

Email To: jspeer@trcsolutions.com

Project Description: EP Fall 2016

City/State Collected:

Phone: 512-684-3170
Fax:

Client Project #: 249545.0000.0000 000

Lab Project #: TRCATX-EP

Collected by (print): Scott Ude

Site/Facility ID #: EP NAVAJO-ARTESIA

P.O. #: 94397

Collected by (signature): Scott Ude

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day 200%
___ Next Day 100%
___ Two Day 50%
___ Three Day 25%

Date Results Needed

Email? ___No X Yes
FAX? ___No ___Yes

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	Anions 125mlHDPE-NoPres	Cations 250mlHDPE-HNO3	Cyanide 250mlHDPE-NaOH	DROLVI 40mlAmb-HCl-BT	GRO 40mlAmb-HCl	NO2NO3 250mlHDPE-H2SO4	TDS 250mlHDPE-NoPres	Total Metals-Short 250mlHDPE-HNO3	Total metals- long 250mlHDPE-HNO3	Total metals- short 250mlHDPE-HNO3	Rem./Contaminant	Sample # (lab only)
MW-85 (No Sample; LNAPL)		GW				10	X			X	X	X	X			X		
MW-86 (No Sample; LNAPL)		GW				11	X		X	X	X	X	X		X			
~~MW-120~~		~~GW~~		~~10/4/16~~	~~1720~~	10	X	X		X	X	X	X			X		
~~MW-121~~		~~GW~~		~~10/4/16~~	~~1025~~	10	X	X		X	X	X	X			X		
MW-84		GW		10/5/16	1300	10	X	X		X	X	X	X			X		
~~MW-122~~		~~GW~~		~~10/4/16~~	~~1510~~	10	X	X		X	X	X	X			X		-01
MW-79		GW		10/5/16	1300	10	X	X		X	X	X	X			X		-02
MW-74		GW		10/5/16	1205	10	X	X		X	X	X	X			X		-03
~~MW-2A~~		~~GW~~		~~10/4/16~~	~~1405~~	10	X	X		X	X	X	X			X		
~~OCD-6~~		~~GW~~		~~10/4/16~~	~~1135~~	10	X	X		X	X	X	X			X		

* Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other ___

Remarks:

pH ___ Temp ___
Flow ___ Other ___

6908 4761 1120

Hold #

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
Scott Ude	10/5/16	1900	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)
			[illegible]

Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐ ___

Temp: 3.1 °C Bottles Received: 54

Date: 10-6-16 Time: [illegible]

Condition: (lab use only)

COC Seal Intact: ___ Y ___ N ___ NA

pH Checked: NCF:

30 30 32

TRC Solutions - Austin, TX

505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095

Report to: Julie Speer

Email To: jspeer@trcsolutions.com

Project Description: EP Fall 2016

City/State Collected:

Phone: 512-684-3170
Fax:

Client Project # 249545.0000.0000 000

Lab Project # TRCATX-EP

Collected by (print): Scott Ude

Site/Facility ID # EP NAVAJO-ARTESIA

P.O. # 94397

Collected by (signature): Scott Ude

Immediately Packed on Ice N____ Y ✓

Rush? (Lab MUST Be Notified)
____ Same Day 200%
____ Next Day 100%
____ Two Day 50%
____ Three Day 25%

Date Results Needed
Email? ___No X__Yes
FAX? ___No ___Yes

Chain of Custody Page ___ of ___

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

L# [illegible]
Table #
Account: TRCATX
Template: T115530
Prelogin: P568138
TSR: 526 - Chris McCord
PB:
Shipped Via: FedEX Ground

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260 40mlAmb-HCl	V8260- Trip Blank 40mlAmb-HCl-Blk							Rem./Contaminant	Sample # (lab only)
MW-85 (No Sample; LNAPL)		GW				10	X									
MW-86 (No Sample; LNAPL)		GW				11	X									
~~MW-120~~		~~GW~~		~~10/4/16~~	~~1720~~	10	X									
~~MW-121~~		~~GW~~		~~10/4/16~~	~~1025~~	10	X									
MW-84		GW		10/5/16	1300	10	X									
~~MW-122~~		~~GW~~		~~10/4/16~~	~~1510~~	10	X									-01
MW-79		GW		10/5/16	1300	10	X									
MW-74		GW		10/5/16	1205	10	X									-02
~~MW-2A~~		~~GW~~		~~10/4/16~~	~~1405~~	10	X									-03
~~OCD-6~~		~~GW~~		~~10/4/16~~	~~1135~~	10	X									

* Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other__________

Remarks:

pH ________ Temp ________

Flow ________ Other ________

Hold #

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	
Scott Ude	10/15/16	1900		Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐ ______
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: [illegible] °C Bottles Received: [illegible]
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) [illegible]	Date: [illegible] Time: [illegible]

Condition: (lab use only)

COC Seal Intact: ✓ Y ___N ___NA

pH Checked:

NCF:

31 31 32

TRC Solutions - Austin, TX

505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095

Report to: Julie Speer
Email To: jspeer@trcsolutions.com

Project Description: EP Fall 2016
City/State Collected:

Phone: 512-684-3170
Fax:

Client Project # 249545.0000.0000 000
Lab Project # TRCATX-EP

Collected by (print): Scott Ude
Site/Facility ID # EP NAVAJO-ARTESIA
P.O. # 94397

Collected by (signature): Scott Ude
Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day 200%
___ Next Day 100%
___ Two Day 50%
___ Three Day 25%

Date Results Needed

Email? ___No X__Yes
FAX? ___No ___Yes

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	Anions 250mlHDPE-NoPres	Cations 250ml/HDPE-HNO3	Cyanide 250ml/HDPE-NaOH	DROLVI 40ml Amb-HCl-BT	GRO 40ml Amb-HCl	NO2NO3 250ml/HDPE-H2SO4	TDS 500ml HDPE-NoPres	Total Metals-Short 250ml/HDPE-HNO3	Total metals - short 250ml/HDPE-HNO3	Total metals - short 250ml/HDPE-HNO3	Rem./Contaminant	Sample # (lab only)
~~EB-EP-02~~		GW		10/5/16	1655	10	X	X		X	X	X	X			X		
EXTRAS		GW				11	X		X	X	X	X	X			X		
EXTRAS		GW				11	X		X	X	X	X	X			X		
~~TRIP BLANK-EP-01~~		GW				1												
~~TRIP BLANK-EP-02~~		GW				1												
~~TRIP BLANK-EP-03~~		GW				1												

* Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Scott Ude	10/5/16	1900	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)

Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐ _____
Temp _____ °C Bottles Received: _____
Date _____ Time _____

Hold # _____
Condition _____ (lab use only)
COC Seal Intact: Y ___ N ___ NA
On Ice Checked _____ NCF _____

Chain of Custody Page ___ of ___

ESC LABS SCIENCES

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

Table #
Acctnum: TRCATX
Template: T115530
Prelogin: P568138
TSR: 526 - Chris McCord
PB: _____
Shipped Via: FedEX Ground

32 32 32

TRC Solutions - Austin, TX

505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095

Report to: Julie Speer

Email To: jspeer@trcsolutions.com

Project Description: EP Fall 2016

City/State Collected:

Phone: 512-684-3170
Fax:

Client Project # 249545.0000.0000 000

Lab Project # TRCATX-EP

Collected by (print): Scott Ude

Site/Facility ID # EP NAVAJO-ARTESIA

P.O. # 94397

Collected by (signature): Scott Ude

Immediately Packed on Ice N__ Y ✓

Rush? (Lab MUST Be Notified)
__ Same Day 200%
__ Next Day 100%
__ Two Day 50%
__ Three Day 25%

Date Results Needed

Email? __No X Yes
FAX? __No __Yes

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	V8260 40mlAmb-HCl	V8260 - Trip Blank 40mlAmb-HCl-Blk								Rem./Contaminant	Sample # (lab only)
~~EB-EP-02~~		~~GW~~		~~10/4/16~~	~~1055~~	10	X										
EXTRAS		GW				11	X										
EXTRAS		GW				11	X										
~~TRIP BLANK-EP-01~~		~~GW~~		~~10/4/16~~	~~—~~	~~1~~		X									
TRIP BLANK-EP-02		GW		10/5/16	—	1		X									
TRIP BLANK-EP-03		GW		10/5/16	—	1		X									-18

Chain of Custody Page __ of __

ESC LAB SCIENCES

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# L869561

Table #

Acctnum: TRCATX

Template: T115530

Prelogin: P568138

TSR: 526 - Chris McCord

PB: [illegible]

Shipped Via: FedEX Ground

* Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other____

Remarks:

pH ____ Temp ____

Flow ____ Other ____

Hold #

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐ ____
Scott Ude	10/5/16	1900		
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: [illegible] °C Bottles Received: [illegible]
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) [illegible]	Date: [illegible] Time: [illegible]

Condition: (lab use only)

COC Seal Intact: __Y __N __NA

pH Checked:

NCF:

Monitoring Well Development Record

Well: NCL-32

Client: TRC - Austin, Texas

Navajo - Artesia Refinery, Artesia, New Mexico

Hydrologic Monitoring
Houston, Texas

Well Information

Date	Time	Depth to Water (ft-toc)	Depth to LNAPL (ft-toc)	LNAPL (ft)	DNAPL (ft)	Well TD (Pre-Devel) (ft-toc)	Well TD (Post-Devel) (ft-toc)	Water Column (ft)	Screened Interval (ft-bgs)	Casing Volume (gal)	Well Diameter (in)	Comments / Initials
10-4-16	830	6.39	NA	0.0	0.0	17.12	20.06	10.73	17-22 (Reported)	≈1.8	2	BRH/CJH

Well Development Record

*2" well = water column*0.163 = 1 vol*
*4" well = water column*0.66 = 1 vol*

Date	Time	Volume Removed (gal)	Depth to Water (ft-toc)	pH (std. units)	T (C)	SC (umhos/cm)				Development Method	Visual Clarity / Comments
10-4-16	840	Initial	6.39	6.57	20.4	2790				(a.) Large Peristaltic	Sandy, Silt
	842	1.0	8.48	6.57	20.2	2760				b.) Electric Submersible	
	844	2.0	8.52	6.56	19.6	2610	TD=	18.60		c.) Pneumatic Bladder	
	848	4.0	8.54	6.66	20.0	2720	TD=	18.80			
	856	8.0	8.54	6.70	19.7	2690	TD=	19.20			
	~~1000~~ 900	10.0	8.55	6.75	19.5	2680					
BRH	~~1010~~ 910	15.0	8.55	6.79	19.6	2690	TD=	20.0			Sl. cloudy w/ sediment chunks
		Stopped Development to surge well. TD = 20.06									
		Upon continuing pumping, water became cloudy again									
	935	20.0	7.99	6.84	19.8	2640					
	945	26.0	8.53	6.87	19.4	2660	TD =	20.06			Sl. cloudy w/ Sediment Chunks (pieces of mulch)
		Stopped pumping to dump development water. Allowed well to set for approx 5hrs. Returned @ 1445 to develop again.									
	1445	Initial	6.36	7.46	20.9	2690					Sl. cloudy
	1448	28.0	8.41	7.35	20.7	2680					
	1455	32.0	8.11	7.26	20.6	2680					
	1500	36.0	8.02	7.21	20.6	2690					
	1505	40.0	8.00	7.17	20.7	2700					
		Stopped purging, development Complete. Removed 2.94' of silt. TD of 20.06' (Hard Bottom									
	is	consistant, water visibly clear.									

+ EB-NCL-01 (for same analysis)

Monitoring Well Purging and Sampling Record

Navajo Refining Company
Artesia Refinery
Artesia, New Mexico

Well Developed 10/4/16

Well: NCL-32
Event: Fall 2016 (Semiannual)
Area of Concern: NCL

Hydrologic Monitoring
for TRC
Houston, Texas

Well Inspection Information * pre-development ** post development (2-in; at-grade) ✓ Initials: CJH

Date	Time	Depth to LNAPL (Ft-TOC)	Depth to Water (Ft-TOC)	LNAPL Thickness (Ft)	Well Total Depth (Ft-TOC)	Sample Intake (Ft-TOC)	Well Inspection: Cap	Casing	Well Secured	Label	Other	Comments
10.4.16	830	NA	6.39	0.0	*17.12	16.5	yes	yes	yes	yes		Weather: Clear, 80's
10.5.16	1515	NA	6.39	0.0	**20.06	**18.1						

Well Purging Record

Screen reported: 17-22 ft-bgs
historical measured depth: 17.15 ft-TOC (50ft) ** Intake was lowered which removed ~3.0' of silt from base of well due to the redevelopment

Date	Time	Depth to Water (Ft-TOC)	Cum. Vol. Purged (L)	pH (std units)	T (C)	SC (umho/cm)	Dissolved Oxygen (mg/L)	Oxidation-Reduction-Potential (mV)	Turbidity (NTU)	Water Color / Clarity	
10.5.16	1520	6.50	0.5	7.38	23.6	2730	3.7	-146.0	24.5	Clear, small	Low-flow groundwater sample:
↓	1522	6.51	1.0	7.33	23.4	2740	2.7	-139.1	23.6	white Particles	(A) peristaltic pump w/ ded tubing
	1525	6.51	1.5	7.21	23.2	2730	2.5	-121.4	23.1	↓	B) ded bladder pump
	1527	6.51	2.0	7.16	23.1	2750	2.4	-109.7	22.9		C) non-ded bladder pump; or
	1530	6.51	2.5	7.11	23.1	2750	2.3	-104.6	23.4		Standard groundwater sample:
	1532	6.51	3.0	7.08	23.0	2760	2.2	-101.2	22.5		D) bailer due to limited column; or
	1535	6.51	3.5	7.06	23.0	2760	2.1	-98.6	21.9		E) recovery well cycling sample
↓	1537	6.51	4.0	7.04	22.9	2770	2.1	-95.4	21.4	↓	F) irrigation well grab sample

Well Sampling Record

Date	Time	Sample I.D.	Depth to Water (Ft-TOC)	pH (std units)	T (C)	SC (umho/cm)	Dissolved Oxygen (mg/L)	Oxidation-Reduction-Potential (mV)	Turbidity (NTU)	Parameter	Preserv	Comments: Lab: ESC Lab Sciences, Mt. Juliet, TN
10.5.16	1540	NCL-32	6.51	7.04	22.9	2770	2.1	-95.4	21.4	DRO	HCL	8015M
↓										~~GRO~~	~~HCL~~	~~8015M~~
										VOC	HCL	8260
										Total Metals (As,Ba,Cr,Fe,Pb,Mn,Se) and/or Cations (Ca,K,Na)	HNO3	6010/6020
										~~Total Metals (Hg,Ni,V,B,Cd,Ce,U)~~	~~HNO3~~	~~6010/6020 and/or 7470~~
										Anions (Chloride,Fluoride,Sulfate)	Neat	300
										Nitrate-Nitrite	H_2SO_4	per historical, ESC Lab Sciences
										TDS	Neat	2540C
										~~Cyanide~~	~~NaOH~~	~~SM4500~~
↓	1600	EB-NCL-01	NA	→	→	→	→	→	→	same analysis		

If <0.03 feet of PSH present, remove PSH and sample groundwater

+ EB-NCL-01
(for same analysis)

Monitoring Well Purging and Sampling Record

Navajo Refining Company
Artesia Refinery
Artesia, New Mexico

Well: NCL-32
Event: Spring 2016 (Annual)
Area of Concern: NCL

Hydrologic Monitoring
for TRC
Houston, Texas

Well Inspection Information

(2in) at-grade)

Initials: CJH

Date	Time	Depth to LNAPL (Ft-TOC)	Depth to Water (Ft-TOC)	LNAPL Thickness (Ft)	Well Total Depth (Ft-TOC)	Sample Intake (Ft-TOC)	Well Inspection					Comments
							Cap	Casing	Well Secured	Label	Other	
4.26.16	1342	NA	8.74	0.0	17.15	16.5	yes	yes	yes	yes		Weather: clear, 80s
4.28.16	1105	NA	8.78	0.0	(soft)							

Well Purging Record

Date	Time	Depth to Water (Ft-TOC)	Cum. Vol. Purged (L)	pH (std units)	T (C)	SC (umho/cm)	Dissolved Oxygen (mg/L)	Oxidation-Reduction-Potential (mV)	Turbidity (NTU)	Water Color / Clarity	
4.28.16	1110	9.17	0.5	7.49	20.5	2440	4.1	-46.7	>200	Very Cloudy	*Low-flow groundwater sample:*
↓	1112	9.31	1.0	7.32	20.2	2360	3.0	-52.6	>200	↓	(A) peristaltic pump w/ ded tubing
	1115	9.42	1.5	7.29	19.8	2390	2.7	-91.4	>200		B) ded bladder pump
	1117	9.53	2.0	7.24	19.7	2450	2.5	-104.1	>200		C) non-ded bladder pump; or
	1122	9.59	2.5	7.20	19.7	2510	2.4	-109.6	>200		*Standard groundwater sample:*
	1127	9.63	3.0	7.16	19.6	2540	2.3	-113.4	>200		D) bailer due to limited column; or
	1132	9.65	3.5	7.13	19.5	2560	2.2	-117.3	>200		E) recovery well cycling sample
↓	1137	9.68	4.0	7.10	19.5	2580	2.2	-120.5	>200		F) irrigation well grab sample

Well Sampling Record

Date	Time	Sample I.D.	Depth to Water (Ft-TOC)	pH (std units)	T (C)	SC (umho/cm)	Dissolved Oxygen (mg/L)	Oxidation-Reduction-Potential (mV)	Turbidity (NTU)	Parameter	Preserv	Comments Lab: ESC Lab Sciences, Mt. Juliet, TN
4.28.16	1140	NCL-32	9.68	7.10	19.5	2580	2.2	-120.5	>200	DRO	HCL	8015M
										~~GRO~~	~~HCL~~	~~8015M~~
										VOC	HCL	8260
							Total Metals (As,Ba,Cr,Fe,Pb,Mn,Se) and/or Cations (Ca,K,Na)			HNO3	6010/6020
							Dissolved Metals (As,Ba,Cr,Fe,Pb,Mn,Se)			HNO3	Field filtered 0.45-u
							~~Total Metals (Hg,Ni,V,B,Cd,Co,U)~~			~~HNO3~~	~~6010/6020 and/or 7470~~
							~~Dissolved Metals (Hg,Ni,V,B,Cd,Co,U)~~			HNO3	~~Field filtered 0.45-u~~
							Anions (Chloride,Fluoride,Sulfate)			Neat	300
									Nitrate-Nitrite	H2SO4	per historical, ESC Lab Sciences
									TDS	Neat	2540C
									~~Cyanide~~	~~NaOH~~	~~SM4500~~
4.28.16	1220	EB-NCL-01	NA	———	———	———	———	———	———	Same as above	Same	Same
										If <0.03 feet of PSH present, remove PSH and sample groundwater		

Table 1
Revised Monitoring Program and Schedule
Navajo Refining Company - Artesia Refinery, Artesia, New Mexico

Well ID	Well Type	Location Information		Well Construction Information [a]								PSH Expected? [b]	Gauging Frequency	Analytical Suite and Frequency [c]								
		Associated Area of Concern	Approximate Location	Install Date	Diameter (in)	Top of Casing (ft MSL)	Ground Surface (ft MSL)	Total Depth (ft btoc)	Screen Interval (ft bgs)	Water Bearing Zone	Surface Finish			Purge Parameters	TPH	VOCs	Metals (As, Ba, Cr, Fe, Pb, Mn, Se)	Metals (Hg, Ni, Va)	Cyanide	Cations/Anions	Nitrates / Nitrites as Nitrogen	Total Dissolved Solids
MW-120	Monitoring	EP	Between EP1 outfall and Pecos River	5/8/13	2	3313.55	3310.66	27.98	10 to 25	Shallow	stickup		SA	SA	SA	SA	SA	SA	-	-	SA	SA	SA
MW-121	Monitoring	EP	Between EP1 berm and Pecos River	5/8/13	2	3314.68	3311.77	27.28	10 to 25	Shallow	stickup		SA	SA	SA	SA	SA	SA	-	-	SA	SA	SA
MW-122	Monitoring	EP	Between EP5 berm and Pecos River	5/8/13	2	3311.69	3308.78	23.31	10 to 20	Shallow	stickup		SA	SA	SA	SA	SA	SA	-	-	SA	SA	SA
MW-123	Monitoring	EP	S of EPs, N of 82	5/11/13	2	3303.98	3302.78	25.81	10 to 25	Shallow	stickup		SA	SA	SA	SA	SA	SA	-	-	SA	SA	SA
MW-124	Monitoring	EP	S of EPs, N of 82	5/11/13	2	3305.84	3302.99	22.01	5 to 20	Shallow	stickup		SA	SA	SA	SA	SA	SA	-	-	SA	SA	SA
MW-125	Monitoring	Field E of Refinery	E of fire water pond, S of S RO Reject Field	2/5/14	2	3358.81	3355.60	28.30	15 to 25	Shallow	stickup		SA	SA	SA	SA	SA	SA	-	-	SA	SA	SA
MW-126A	Monitoring	Field E of Refinery	E of stormwater pond, W of irrigated field	1/29/14	2	3356.60	3353.60	37.56	19 to 34	Shallow	stickup		SA	SA	SA	SA	SA	SA	-	-	SA	SA	SA
MW-126B	Monitoring	Field E of Refinery	E of stormwater pond, W of irrigated field	1/27/14	2	3356.67	3353.60	51.99	40 to 50	Valley Fill	stickup		SA	SA	SA	SA	SA	SA	-	-	SA	SA	SA
MW-127	Monitoring	Field E of Refinery	E of laydown yard, W of irrigated field	1/23/14	2	3358.39	3355.50	53.25	20 to 50	Shallow	stickup		SA	SA	SA	SA	SA	SA	-	-	SA	SA	SA
MW-128	Monitoring	Field E of Refinery	In laydown yard	1/29/14	2	3358.77	3358.80	35.38	15 to 35	Shallow	flush mount		SA	SA	SA	SA	SA	SA	-	-	SA	SA	SA
MW-129	Monitoring	Field E of Refinery	W of irrigated field	1/22/14	2	3364.38	3361.60	53.20	20 to 50	Shallow	stickup	Y	SA	SA [d]	SA [d]	SA [d]	SA [d]	-	-	SA [d]	SA [d]	SA [d]
MW-130	Monitoring	S Refinery	In refinery office parking lot	2/7/14	2	3369.86	3370.20	44.90	30 to 45	Shallow	flush mount		SA	SA	SA	SA	SA	SA	-	-	SA	SA	SA
MW-131	Monitoring	Field E of Refinery	SW edge of irrigated field	1/23/14	2	3363.49	3360.40	53.48	20 to 50	Shallow	stickup		SA	SA	SA	SA	SA	SA	-	-	SA	SA	SA
MW-132	Monitoring	Field E of Refinery	Near 82 at E end of parking area	1/30/14	2	3357.12	3354.30	42.71	15 to 40	Shallow	stickup	Y	SA	SA [d]	SA [d]	SA [d]	SA [d]	-	-	SA [d]	SA [d]	SA [d]
MW-133	Monitoring	Field E of Refinery	E edge of irrigated field, N of RW-14	2/4/14	2	3349.45	3343.40	37.64	15 to 35	Shallow	stickup		SA	SA	SA	SA	SA	SA	-	-	SA	SA	SA
MW-134	Monitoring	Field E of Refinery	NE of irrigated field	2/4/14	2	3346.23	3343.10	32.89	20 to 30	Shallow	stickup		SA	SA	SA	SA	SA	SA	-	-	SA	SA	SA
MW-135	Monitoring	Field E of Refinery	E edge of pecan orchard	2/11/14	2	3337.65	3338.00	65.55	35 to 65	Shallow	flush mount		SA	SA	SA	SA	SA	SA	-	-	SA	SA	SA
MW-136	Monitoring	Crossgradient	North of North RO Field	7/28/14	2	3360.83	3358.62	27.42	10 to 25	Shallow	stickup		SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA
MW-137	Monitoring	N Refinery	Main API Separator	11/9/14	2	TBD	TBD	31	10 to 30	Shallow	stickup		SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA
MW-138	Monitoring	N Refinery	Main API Separator	*2015*	2	TBD	TBD	TBD	TBD	Shallow	stickup		SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA
NCL-31	Monitoring	NCL	NCL	10/19/82	2	3367.54	3366.21	20.16	13 to 18	Shallow	stickup		SA	SA	SA	SA	SA	-	-	SA	SA	SA	SA
NCL-32	Monitoring	NCL	NCL	10/20/82	2	3364.91	3364.96	17.23	17 to 22	Shallow	stickup		SA	SA	SA	SA	SA	-	-	SA	SA	SA	SA
NCL-33	Monitoring	NCL	NCL	10/20/82	2	3363.97	3364.26	19.62	13 to 18	Shallow	stickup		SA	SA	SA	SA	SA	SA	-	-	SA	SA	SA
NCL-34	Monitoring	NCL	NCL	10/20/82	2	3365.49	3364.82	19.31	16 to 21	Shallow	stickup		SA	SA	SA	SA	SA	SA	-	-	SA	SA	SA
NCL-44	Monitoring	NCL	NCL		2	3364.45	3364.01	21.61		Shallow	stickup		SA	SA	SA	SA	SA	SA	-	-	SA	SA	SA
NCL-49	Monitoring	NCL	NCL	5/17/90	2	3371.13	3368.26	32.20	16.8 to 17.8	Shallow	stickup		SA	SA	SA	SA	SA	SA	-	-	SA	SA	SA
NP-1	Monitoring	TMD	S of ED, E of BR	1/22/93	2	3342.40	3339.69	21.53	9.5 to 19	Shallow	stickup		SA	SA	-	SA	-	-	-	A	A	A	A
NP-2	Monitoring	TMD	S of ED, E of BR	1/21/93	2	3342.77	3340.58	21.48	9.5 to 18.5	Shallow	stickup		SA	No analytical samples to be collected									
NP-3	Monitoring	TMD	N of ED, NE of BR	1/22/93	2	3342.93	3340.40	21.92	9.5 to 18.5	Shallow	stickup		SA	No analytical samples to be collected									
NP-4	Monitoring	TMD	NE of NP #3	1/23/93	2	3345.73	3343.24	36.72	24.5 to 33.5	Shallow	stickup		SA	No analytical samples to be collected									
NP-5	Monitoring	Crossgradient	S of RR, N of ED, W of BR	1/11/95	2	3349.29	3346.31	25.09	10.25 to 20	Shallow	stickup		SA	B	B	B	B	-	-	B	B	B	B
NP-6	Monitoring	TMD	S of ED, W of BR	1/10/95	2	3338.05	3336.31	20.35	8.75 to 18.75	Shallow	stickup		SA	B	-	B	-	-	-	-	-	-	-
NP-8	Monitoring	TMD	S of ED, E of HR		2	3314.67	3310.53	15.22		Shallow	stickup		SA	No analytical samples to be collected									
NP-9	Monitoring	TMD	S of RR, N of ED, W of BR		2	3360.62	3357.86	25.90		Shallow	stickup		SA	No analytical samples to be collected									

Revised as of 2/2014.


NCL 32

ANALYTICAL REPORT

May 20, 2016

TRC Solutions - Austin, TX

Sample Delivery Group:	L832409
Samples Received:	04/29/2016
Project Number:	249545.0000.0000 000
Description:	REST Spring 2016
Site:	REST - NAVAJO-ARTESIA
Report To:	Julie Speer 505 E. Huntland Dr, Ste 250 Austin, TX 78752

Entire Report Reviewed By:

Mark W. Beasley
Technical Service Representative

UG-1 L832409-01 GW

Collected by: SU / HM1 Team
Collected date/time: 04/27/16 09:25
Received date/time: 04/29/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Gravimetric Analysis by Method 2540 C-2011	WG869081	1	05/03/16 03:55	05/03/16 04:08	JM
Mercury by Method 7470A	WG868783	1	04/30/16 11:15	05/02/16 12:05	NJB
Mercury by Method 7470A	WG869161	1	05/02/16 11:49	05/03/16 12:00	NJB
Metals (ICPMS) by Method 6020	WG869121	5	05/04/16 14:28	05/06/16 23:18	ST
Metals (ICPMS) by Method 6020	WG869245	10	05/03/16 10:57	05/11/16 10:40	JDG
Metals (ICPMS) by Method 6020	WG869245	5	05/03/16 10:57	05/05/16 20:45	LAT
Metals (ICPMS) by Method 6020	WG869255	10	05/04/16 12:42	05/09/16 14:04	JDG
Metals (ICPMS) by Method 6020	WG869255	5	05/04/16 12:42	05/05/16 18:58	JDG
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG869248	1	05/02/16 16:47	05/03/16 21:36	JNS
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG869041	1	05/05/16 04:17	05/05/16 04:17	LRL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG868976	1	05/03/16 08:15	05/03/16 08:15	BMB
Wet Chemistry by Method 353.2	WG869395	5	05/04/16 23:02	05/04/16 23:02	ASK
Wet Chemistry by Method 9012B	WG869727	1	05/04/16 09:50	05/04/16 15:13	JER
Wet Chemistry by Method 9056A	WG868800	1	05/02/16 19:01	05/02/16 19:01	SAM
Wet Chemistry by Method 9056A	WG868800	50	05/02/16 19:17	05/02/16 19:17	SAM
Wet Chemistry by Method 9056A	WG870293	50	05/09/16 05:09	05/09/16 05:09	CM

UG-2 L832409-02 GW

Collected by: SU / HM1 Team
Collected date/time: 04/27/16 08:35
Received date/time: 04/29/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Gravimetric Analysis by Method 2540 C-2011	WG869081	1	05/03/16 03:55	05/03/16 04:08	JM
Mercury by Method 7470A	WG868783	1	04/30/16 11:15	05/02/16 12:14	NJB
Mercury by Method 7470A	WG869161	1	05/02/16 11:49	05/03/16 12:35	NJB
Metals (ICPMS) by Method 6020	WG869121	5	05/04/16 14:28	05/06/16 23:07	ST
Metals (ICPMS) by Method 6020	WG869245	10	05/03/16 10:57	05/11/16 11:00	JDG
Metals (ICPMS) by Method 6020	WG869245	5	05/03/16 10:57	05/05/16 20:56	LAT
Metals (ICPMS) by Method 6020	WG869255	10	05/04/16 12:42	05/09/16 14:09	JDG
Metals (ICPMS) by Method 6020	WG869255	5	05/04/16 12:42	05/05/16 19:01	JDG
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG869248	1	05/02/16 16:47	05/03/16 21:53	JNS
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG869041	1	05/05/16 04:40	05/05/16 04:40	LRL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG869235	1	05/02/16 18:22	05/02/16 18:22	JHH
Wet Chemistry by Method 353.2	WG869395	1	05/04/16 23:03	05/04/16 23:03	ASK
Wet Chemistry by Method 9012B	WG869727	1	05/04/16 09:50	05/04/16 15:16	JER
Wet Chemistry by Method 9056A	WG868800	1	05/02/16 19:33	05/02/16 19:33	SAM
Wet Chemistry by Method 9056A	WG870293	50	05/09/16 05:25	05/09/16 05:25	CM

UG-3R L832409-03 GW

Collected by: SU / HM1 Team
Collected date/time: 04/27/16 11:35
Received date/time: 04/29/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Gravimetric Analysis by Method 2540 C-2011	WG869081	1	05/03/16 03:55	05/03/16 04:08	JM
Mercury by Method 7470A	WG868783	1	04/30/16 11:15	05/02/16 12:17	NJB
Mercury by Method 7470A	WG869161	1	05/02/16 11:49	05/03/16 12:38	NJB
Metals (ICPMS) by Method 6020	WG869121	5	05/04/16 14:28	05/06/16 23:21	ST
Metals (ICPMS) by Method 6020	WG869245	10	05/03/16 10:57	05/11/16 11:05	JDG
Metals (ICPMS) by Method 6020	WG869245	5	05/03/16 10:57	05/05/16 20:58	LAT
Metals (ICPMS) by Method 6020	WG869255	10	05/04/16 12:42	05/09/16 14:14	JDG
Metals (ICPMS) by Method 6020	WG869255	5	05/04/16 12:42	05/05/16 19:04	JDG
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG869248	1	05/02/16 16:47	05/03/16 22:09	JNS
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG869041	1	05/05/16 05:03	05/05/16 05:03	LRL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG869235	1	05/02/16 22:24	05/02/16 22:24	JHH
Wet Chemistry by Method 353.2	WG869395	1	05/04/16 23:05	05/04/16 23:05	ASK

UG-3R L832409-03 GW

Collected by: SU / HM1 Team | Collected date/time: 04/27/16 11:35 | Received date/time: 04/29/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Wet Chemistry by Method 9012B	WG869361	1	05/05/16 14:25	05/05/16 20:06	JER
Wet Chemistry by Method 9056A	WG868800	1	05/02/16 20:05	05/02/16 20:05	SAM
Wet Chemistry by Method 9056A	WG870293	50	05/09/16 05:40	05/09/16 05:40	CM

UG-4 L832409-04 GW

Collected by: SU / HM1 Team | Collected date/time: 04/27/16 10:20 | Received date/time: 04/29/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Gravimetric Analysis by Method 2540 C-2011	WG869081	1	05/03/16 03:55	05/03/16 04:08	JM
Mercury by Method 7470A	WG868783	1	04/30/16 11:15	05/02/16 12:20	NJB
Mercury by Method 7470A	WG869161	1	05/02/16 11:49	05/03/16 12:41	NJB
Metals (ICPMS) by Method 6020	WG869121	5	05/04/16 14:28	05/06/16 23:23	ST
Metals (ICPMS) by Method 6020	WG869245	10	05/03/16 10:57	05/11/16 11:10	JDG
Metals (ICPMS) by Method 6020	WG869245	5	05/03/16 10:57	05/05/16 21:01	LAT
Metals (ICPMS) by Method 6020	WG869255	10	05/04/16 12:42	05/09/16 14:28	JDG
Metals (ICPMS) by Method 6020	WG869255	5	05/04/16 12:42	05/05/16 19:12	JDG
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG869248	1	05/02/16 16:47	05/03/16 23:31	JNS
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG869041	1	05/05/16 05:26	05/05/16 05:26	LRL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG869235	1	05/02/16 22:44	05/02/16 22:44	JHH
Wet Chemistry by Method 353.2	WG869395	1	05/04/16 23:06	05/04/16 23:06	ASK
Wet Chemistry by Method 9012B	WG869361	1	05/05/16 14:25	05/05/16 20:07	JER
Wet Chemistry by Method 9056A	WG868800	1	05/02/16 21:56	05/02/16 21:56	SAM
Wet Chemistry by Method 9056A	WG870293	50	05/09/16 05:56	05/09/16 05:56	CM

TRIP BLANK-REST-03 L832409-05 GW

Collected by: SU / HM1 Team | Collected date/time: 04/27/16 00:00 | Received date/time: 04/29/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG869235	1	05/02/16 16:21	05/02/16 16:21	JHH

MW-117 L832409-06 GW

Collected by: SU / HM1 Team | Collected date/time: 04/26/16 18:15 | Received date/time: 04/29/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Gravimetric Analysis by Method 2540 C-2011	WG869072	1	05/02/16 13:50	05/02/16 14:22	
Metals (ICPMS) by Method 6020	WG869121	5	05/04/16 14:28	05/06/16 23:40	ST
Metals (ICPMS) by Method 6020	WG869255	5	05/04/16 12:42	05/05/16 19:14	JDG
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG869248	1	05/02/16 16:47	05/03/16 23:47	JNS
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG869041	1	05/05/16 05:49	05/05/16 05:49	LRL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG869235	1	05/02/16 23:04	05/02/16 23:04	JHH
Wet Chemistry by Method 353.2	WG869395	1	05/04/16 23:07	05/04/16 23:07	ASK
Wet Chemistry by Method 9056A	WG868800	1	05/02/16 22:28	05/02/16 22:28	SAM
Wet Chemistry by Method 9056A	WG870293	50	05/09/16 06:12	05/09/16 06:12	CM

MW-118 L832409-07 GW

Collected by: SU / HM1 Team | Collected date/time: 04/26/16 17:20 | Received date/time: 04/29/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Gravimetric Analysis by Method 2540 C-2011	WG869072	1	05/02/16 13:50	05/02/16 14:22	
Metals (ICPMS) by Method 6020	WG869121	5	05/04/16 14:28	05/06/16 23:43	ST
Metals (ICPMS) by Method 6020	WG869255	5	05/04/16 12:42	05/05/16 19:17	JDG

MW-118 L832409-07 GW

Collected by: SU / HM1 Team
Collected date/time: 04/26/16 17:20
Received date/time: 04/29/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG869248	1	05/02/16 16:47	05/04/16 00:04	JNS
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG869041	1	05/05/16 06:12	05/05/16 06:12	LRL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG869310	1	05/02/16 23:29	05/02/16 23:29	DAH
Wet Chemistry by Method 353.2	WG869395	1	05/04/16 23:08	05/04/16 23:08	ASK
Wet Chemistry by Method 9056A	WG868800	1	05/02/16 23:00	05/02/16 23:00	SAM
Wet Chemistry by Method 9056A	WG868800	50	05/02/16 23:16	05/02/16 23:16	SAM
Wet Chemistry by Method 9056A	WG870293	50	05/09/16 06:28	05/09/16 06:28	CM

MW-119 L832409-08 GW

Collected by: SU / HM1 Team
Collected date/time: 04/26/16 16:30
Received date/time: 04/29/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Gravimetric Analysis by Method 2540 C-2011	WG869072	1	05/02/16 13:50	05/02/16 14:22	
Metals (ICPMS) by Method 6020	WG869121	5	05/04/16 14:28	05/06/16 23:46	ST
Metals (ICPMS) by Method 6020	WG869255	5	05/04/16 12:42	05/05/16 19:20	JDG
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG869248	1	05/02/16 16:47	05/04/16 00:20	JNS
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG869041	1	05/05/16 06:35	05/05/16 06:35	LRL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG869310	1	05/02/16 23:48	05/02/16 23:48	DAH
Wet Chemistry by Method 353.2	WG870487	10	05/09/16 15:20	05/09/16 15:20	DR
Wet Chemistry by Method 9056A	WG868800	1	05/02/16 23:32	05/02/16 23:32	SAM
Wet Chemistry by Method 9056A	WG868800	50	05/02/16 23:48	05/02/16 23:48	SAM
Wet Chemistry by Method 9056A	WG871463	50	05/12/16 11:43	05/12/16 11:43	SAM

MW-57 L832409-09 GW

Collected by: SU / HM1 Team
Collected date/time: 04/27/16 10:25
Received date/time: 04/29/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Gravimetric Analysis by Method 2540 C-2011	WG869081	1	05/03/16 03:55	05/03/16 04:08	JM
Metals (ICPMS) by Method 6020	WG869121	5	05/04/16 14:28	05/06/16 23:48	ST
Metals (ICPMS) by Method 6020	WG869255	5	05/04/16 12:42	05/05/16 19:23	JDG
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG869248	1	05/02/16 16:47	05/04/16 00:36	JNS
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG869041	1	05/05/16 06:58	05/05/16 06:58	LRL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG869310	1	05/03/16 00:07	05/03/16 00:07	DAH
Wet Chemistry by Method 353.2	WG869396	5	05/05/16 00:02	05/05/16 00:02	ASK
Wet Chemistry by Method 9056A	WG868800	1	05/03/16 00:51	05/03/16 00:51	SAM
Wet Chemistry by Method 9056A	WG868800	50	05/03/16 00:04	05/03/16 00:04	SAM
Wet Chemistry by Method 9056A	WG871463	50	05/12/16 11:58	05/12/16 11:58	SAM

MW-111 L832409-10 GW

Collected by: SU / HM1 Team
Collected date/time: 04/27/16 11:20
Received date/time: 04/29/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Gravimetric Analysis by Method 2540 C-2011	WG869081	1	05/03/16 03:55	05/03/16 04:08	JM
Metals (ICPMS) by Method 6020	WG869121	5	05/04/16 14:28	05/06/16 23:51	ST
Metals (ICPMS) by Method 6020	WG869255	5	05/04/16 12:42	05/05/16 19:25	JDG
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG869248	1	05/02/16 16:47	05/04/16 00:53	JNS
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG869041	1	05/05/16 07:21	05/05/16 07:21	LRL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG868976	1	05/03/16 08:34	05/03/16 08:34	BMB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG869987	25	05/05/16 14:04	05/05/16 14:04	DAH
Wet Chemistry by Method 353.2	WG869396	1	05/05/16 00:03	05/05/16 00:03	ASK
Wet Chemistry by Method 9056A	WG868800	1	05/03/16 01:07	05/03/16 01:07	SAM
Wet Chemistry by Method 9056A	WG868800	50	05/03/16 01:23	05/03/16 01:23	SAM
Wet Chemistry by Method 9056A	WG869673	20	05/10/16 01:59	05/10/16 01:59	CM

KWB-5 L832409-11 GW

Collected by: SU / HM1 Team
Collected date/time: 04/27/16 12:20
Received date/time: 04/29/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Gravimetric Analysis by Method 2540 C-2011	WG869081	1	05/03/16 03:55	05/03/16 04:08	JM
Metals (ICPMS) by Method 6020	WG869121	5	05/04/16 14:28	05/06/16 23:54	ST
Metals (ICPMS) by Method 6020	WG869255	5	05/04/16 12:42	05/05/16 19:28	JDG
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG869248	1	05/02/16 16:47	05/04/16 01:09	JNS
Volatile Organic Compounds (GC/MS) by Method 8260B	WG868976	1	05/03/16 09:51	05/03/16 09:51	BMB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG869987	100	05/05/16 14:25	05/05/16 14:25	DAH
Wet Chemistry by Method 353.2	WG869396	1	05/05/16 00:05	05/05/16 00:05	ASK
Wet Chemistry by Method 9056A	WG869278	1	05/03/16 21:54	05/03/16 21:54	CSU
Wet Chemistry by Method 9056A	WG869278	100	05/03/16 21:38	05/03/16 21:38	CSU

KWB-12A L832409-12 GW

Collected by: SU / HM1 Team
Collected date/time: 04/27/16 08:30
Received date/time: 04/29/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Gravimetric Analysis by Method 2540 C-2011	WG869081	1	05/03/16 03:55	05/03/16 04:08	JM
Mercury by Method 7470A	WG868783	1	04/30/16 11:15	05/02/16 12:23	NJB
Mercury by Method 7470A	WG869161	1	05/02/16 11:49	05/03/16 12:44	NJB
Metals (ICPMS) by Method 6020	WG869121	5	05/04/16 14:28	05/06/16 23:56	ST
Metals (ICPMS) by Method 6020	WG869245	10	05/03/16 10:57	05/11/16 11:26	JDG
Metals (ICPMS) by Method 6020	WG869245	5	05/03/16 10:57	05/05/16 21:09	LAT
Metals (ICPMS) by Method 6020	WG869255	10	05/04/16 12:42	05/09/16 14:33	JDG
Metals (ICPMS) by Method 6020	WG869255	5	05/04/16 12:42	05/05/16 19:31	JDG
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG869248	1	05/02/16 16:47	05/04/16 01:25	JNS
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG869041	1	05/05/16 07:44	05/05/16 07:44	LRL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG868976	1	05/03/16 10:10	05/03/16 10:10	BMB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG869987	1	05/05/16 14:47	05/05/16 14:47	DAH
Wet Chemistry by Method 353.2	WG869396	1	05/05/16 00:06	05/05/16 00:06	ASK
Wet Chemistry by Method 9012B	WG869361	1	05/05/16 14:25	05/05/16 20:08	JER
Wet Chemistry by Method 9056A	WG869278	1	05/03/16 22:24	05/03/16 22:24	SAM
Wet Chemistry by Method 9056A	WG869278	10	05/03/16 22:09	05/03/16 22:09	SAM
Wet Chemistry by Method 9056A	WG870882	50	05/10/16 17:57	05/10/16 17:57	CM

KWB-12B L832409-13 GW

Collected by: SU / HM1 Team
Collected date/time: 04/27/16 09:15
Received date/time: 04/29/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Gravimetric Analysis by Method 2540 C-2011	WG869081	1	05/03/16 03:55	05/03/16 04:08	JM
Mercury by Method 7470A	WG868783	1	04/30/16 11:15	05/02/16 12:26	NJB
Mercury by Method 7470A	WG869161	1	05/02/16 11:49	05/03/16 12:47	NJB
Metals (ICPMS) by Method 6020	WG869121	5	05/04/16 14:28	05/06/16 23:59	ST
Metals (ICPMS) by Method 6020	WG869245	10	05/03/16 10:57	05/11/16 11:31	JDG
Metals (ICPMS) by Method 6020	WG869245	5	05/03/16 10:57	05/05/16 21:12	LAT
Metals (ICPMS) by Method 6020	WG869255	10	05/04/16 12:42	05/09/16 14:38	JDG
Metals (ICPMS) by Method 6020	WG869255	5	05/04/16 12:42	05/05/16 19:56	JDG
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG869248	1	05/02/16 16:47	05/04/16 01:42	JNS
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG869041	1	05/05/16 08:07	05/05/16 08:07	LRL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG868976	1	05/03/16 10:29	05/03/16 10:29	BMB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG869987	1	05/05/16 15:09	05/05/16 15:09	DAH
Wet Chemistry by Method 353.2	WG869396	1	05/05/16 00:07	05/05/16 00:07	ASK
Wet Chemistry by Method 9056A	WG869278	1	05/03/16 22:40	05/03/16 22:40	SAM
Wet Chemistry by Method 9056A	WG869278	10	05/03/16 22:55	05/03/16 22:55	SAM
Wet Chemistry by Method 9056A	WG871015	50	05/16/16 10:03	05/16/16 10:03	CM
Wet Chemistry by Method D 7511-09e2	WG871518	1	05/10/16 21:06	05/10/16 21:06	CSU

DUP-REST-05 L832409-14 GW

Collected by: SU / HM1 Team
Collected date/time: 04/27/16 08:00
Received date/time: 04/29/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Gravimetric Analysis by Method 2540 C-2011	WG869081	1	05/03/16 03:55	05/03/16 04:08	JM
Mercury by Method 7470A	WG868783	1	04/30/16 11:15	05/02/16 12:29	NJB
Mercury by Method 7470A	WG869161	1	05/02/16 11:49	05/03/16 12:50	NJB
Metals (ICPMS) by Method 6020	WG869121	5	05/04/16 14:28	05/07/16 00:02	ST
Metals (ICPMS) by Method 6020	WG869245	10	05/03/16 10:57	05/11/16 11:36	JDG
Metals (ICPMS) by Method 6020	WG869245	5	05/03/16 10:57	05/05/16 21:15	LAT
Metals (ICPMS) by Method 6020	WG869255	10	05/04/16 12:42	05/09/16 14:43	JDG
Metals (ICPMS) by Method 6020	WG869255	5	05/04/16 12:42	05/05/16 19:59	JDG
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG869248	1	05/02/16 16:47	05/04/16 01:59	JNS
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG869041	1	05/05/16 08:30	05/05/16 08:30	LRL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG868976	1	05/03/16 10:48	05/03/16 10:48	BMB
Wet Chemistry by Method 353.2	WG869396	1	05/05/16 00:13	05/05/16 00:13	ASK
Wet Chemistry by Method 9056A	WG869278	1	05/03/16 23:11	05/03/16 23:11	SAM
Wet Chemistry by Method 9056A	WG869278	20	05/03/16 23:26	05/03/16 23:26	CSU
Wet Chemistry by Method D 7511-09e2	WG871518	1	05/10/16 21:09	05/10/16 21:09	CSU

EB-REST-05 L832409-15 GW

Collected by: SU / HM1 Team
Collected date/time: 04/27/16 09:35
Received date/time: 04/29/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Gravimetric Analysis by Method 2540 C-2011	WG869083	1	05/03/16 04:09	05/03/16 04:34	JM
Mercury by Method 7470A	WG868783	1	04/30/16 11:15	05/02/16 12:32	NJB
Mercury by Method 7470A	WG869161	1	05/02/16 11:49	05/03/16 12:52	NJB
Metals (ICPMS) by Method 6020	WG869121	1	05/04/16 14:28	05/07/16 00:05	ST
Metals (ICPMS) by Method 6020	WG869245	1	05/03/16 10:57	05/07/16 11:36	LAT
Metals (ICPMS) by Method 6020	WG869245	1	05/03/16 10:57	05/11/16 11:41	JDG
Metals (ICPMS) by Method 6020	WG869255	1	05/04/16 12:42	05/06/16 12:27	JD
Metals (ICPMS) by Method 6020	WG869255	1	05/04/16 12:42	05/09/16 18:00	JDG
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG869248	1	05/02/16 16:47	05/04/16 02:16	JNS
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG869041	1	05/05/16 08:53	05/05/16 08:53	LRL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG868976	1	05/03/16 11:07	05/03/16 11:07	BMB
Wet Chemistry by Method 353.2	WG869396	1	05/05/16 00:14	05/05/16 00:14	ASK
Wet Chemistry by Method 9056A	WG869278	1	05/03/16 23:41	05/03/16 23:41	SAM
Wet Chemistry by Method D 7511-09e2	WG871518	1	05/10/16 21:12	05/10/16 21:12	CSU

KWB-11B L832409-16 GW

Collected by: SU / HM1 Team
Collected date/time: 04/27/16 11:40
Received date/time: 04/29/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Gravimetric Analysis by Method 2540 C-2011	WG869083	1	05/03/16 04:09	05/03/16 04:34	JM
Mercury by Method 7470A	WG868783	1	04/30/16 11:15	05/02/16 12:35	NJB
Mercury by Method 7470A	WG869161	1	05/02/16 11:49	05/03/16 13:01	NJB
Metals (ICPMS) by Method 6020	WG869121	5	05/04/16 14:28	05/07/16 00:13	ST
Metals (ICPMS) by Method 6020	WG869245	10	05/03/16 10:57	05/11/16 11:46	JDG
Metals (ICPMS) by Method 6020	WG869245	5	05/03/16 10:57	05/05/16 21:20	LAT
Metals (ICPMS) by Method 6020	WG869255	10	05/04/16 12:42	05/09/16 13:45	JDG
Metals (ICPMS) by Method 6020	WG869255	5	05/04/16 12:42	05/05/16 18:48	JDG
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG869248	1	05/02/16 16:47	05/04/16 03:40	JNS
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG869041	1	05/05/16 09:17	05/05/16 09:17	LRL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG868976	1	05/03/16 11:26	05/03/16 11:26	BMB
Wet Chemistry by Method 353.2	WG869396	1	05/05/16 00:15	05/05/16 00:15	ASK
Wet Chemistry by Method 9056A	WG869278	1	05/04/16 01:14	05/04/16 01:14	SAM
Wet Chemistry by Method 9056A	WG869278	50	05/04/16 00:59	05/04/16 00:59	SAM

KWB-11B L832409-16 GW

Collected by: SU / HM1 Team
Collected date/time: 04/27/16 11:40
Received date/time: 04/29/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Wet Chemistry by Method D 7511-09e2	WG871518	1	05/10/16 21:15	05/10/16 21:15	CSU

KWB-11A L832409-17 GW

Collected by: SU / HM1 Team
Collected date/time: 04/27/16 10:55
Received date/time: 04/29/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Gravimetric Analysis by Method 2540 C-2011	WG873619	1	05/18/16 15:54	05/18/16 16:56	MMF
Mercury by Method 7470A	WG868783	1	04/30/16 11:15	05/02/16 12:38	NJB
Mercury by Method 7470A	WG869161	1	05/02/16 11:49	05/03/16 13:04	NJB
Metals (ICPMS) by Method 6020	WG869121	5	05/04/16 14:28	05/07/16 00:16	ST
Metals (ICPMS) by Method 6020	WG869245	10	05/03/16 10:57	05/11/16 11:51	JDG
Metals (ICPMS) by Method 6020	WG869245	5	05/03/16 10:57	05/05/16 21:23	LAT
Metals (ICPMS) by Method 6020	WG869255	1	05/04/16 12:42	05/06/16 12:30	LAT
Metals (ICPMS) by Method 6020	WG869255	10	05/04/16 12:42	05/09/16 14:52	JDG
Metals (ICPMS) by Method 6020	WG869255	5	05/04/16 12:42	05/05/16 20:10	JDG
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG869248	1	05/02/16 16:47	05/04/16 03:57	JNS
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG869041	1	05/05/16 09:39	05/05/16 09:39	LRL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG868976	1	05/03/16 11:45	05/03/16 11:45	BMB
Wet Chemistry by Method 353.2	WG869396	10	05/05/16 00:16	05/05/16 00:16	ASK
Wet Chemistry by Method 9056A	WG869278	1	05/04/16 01:45	05/04/16 01:45	SAM
Wet Chemistry by Method 9056A	WG869278	100	05/04/16 01:29	05/04/16 01:29	SAM
Wet Chemistry by Method D 7511-09e2	WG871518	1	05/10/16 21:24	05/10/16 21:24	CSU

RW-13R L832409-18 GW

Collected by: SU / HM1 Team
Collected date/time: 04/27/16 09:50
Received date/time: 04/29/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Gravimetric Analysis by Method 2540 C-2011	WG869083	1	05/03/16 04:09	05/03/16 04:34	JM
Metals (ICPMS) by Method 6020	WG869121	5	05/04/16 14:28	05/07/16 00:18	ST
Metals (ICPMS) by Method 6020	WG869255	1	05/04/16 12:42	05/06/16 12:32	LAT
Metals (ICPMS) by Method 6020	WG869255	5	05/04/16 12:42	05/05/16 20:13	JDG
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG869248	1	05/02/16 16:47	05/04/16 04:14	JNS
Volatile Organic Compounds (GC/MS) by Method 8260B	WG868976	1	05/03/16 12:04	05/03/16 12:04	BMB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG870046	20	05/06/16 09:00	05/06/16 09:00	JHH
Wet Chemistry by Method 353.2	WG869396	1	05/05/16 00:17	05/05/16 00:17	ASK
Wet Chemistry by Method 9056A	WG869278	1	05/04/16 02:00	05/04/16 02:00	SAM
Wet Chemistry by Method 9056A	WG869278	5	05/04/16 02:16	05/04/16 02:16	SAM

RA-4196 L832409-19 GW

Collected by: SU / HM1 Team
Collected date/time: 04/27/16 08:35
Received date/time: 04/29/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Gravimetric Analysis by Method 2540 C-2011	WG869083	1	05/03/16 04:09	05/03/16 04:34	JM
Metals (ICPMS) by Method 6020	WG869255	5	05/04/16 12:42	05/05/16 20:15	JDG
Volatile Organic Compounds (GC/MS) by Method 8260B	WG868976	1	05/03/16 12:23	05/03/16 12:23	BMB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG870046	1	05/06/16 08:38	05/06/16 08:38	JHH
Wet Chemistry by Method 353.2	WG869396	1	05/05/16 00:19	05/05/16 00:19	ASK
Wet Chemistry by Method 9056A	WG869278	1	05/04/16 02:31	05/04/16 02:31	SAM
Wet Chemistry by Method 9056A	WG869278	50	05/04/16 03:17	05/04/16 03:17	SAM

TRIP BLANK-REST-01 L832409-20 GW

Collected by: SU / HM1 Team
Collected date/time: 04/27/16 00:00
Received date/time: 04/29/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG868976	1	05/03/16 07:56	05/03/16 07:56	BMB

RA-4798 L832409-21 GW

Collected by: SU / HM1 Team
Collected date/time: 04/27/16 08:50
Received date/time: 04/29/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Gravimetric Analysis by Method 2540 C-2011	WG869083	1	05/03/16 04:09	05/03/16 04:34	JM
Metals (ICPMS) by Method 6020	WG869255	5	05/04/16 12:42	05/05/16 20:18	JDG
Volatile Organic Compounds (GC/MS) by Method 8260B	WG868976	1	05/03/16 12:42	05/03/16 12:42	BMB
Wet Chemistry by Method 353.2	WG869396	1	05/05/16 00:20	05/05/16 00:20	ASK
Wet Chemistry by Method 9056A	WG869278	1	05/04/16 03:33	05/04/16 03:33	SAM
Wet Chemistry by Method 9056A	WG869278	50	05/04/16 03:48	05/04/16 03:48	SAM

MW-50 L832409-22 GW

Collected by: SU / HM1 Team
Collected date/time: 04/27/16 07:55
Received date/time: 04/29/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Gravimetric Analysis by Method 2540 C-2011	WG869083	1	05/03/16 04:09	05/03/16 04:34	JM
Metals (ICPMS) by Method 6020	WG869121	5	05/04/16 14:28	05/07/16 00:21	ST
Metals (ICPMS) by Method 6020	WG869255	5	05/04/16 12:42	05/05/16 20:21	JDG
Metals (ICPMS) by Method 6020	WG869255	5	05/04/16 12:42	05/06/16 12:38	LAT
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG869248	1	05/02/16 16:47	05/04/16 04:31	JNS
Volatile Organic Compounds (GC/MS) by Method 8260B	WG868976	1	05/03/16 13:02	05/03/16 13:02	BMB
Wet Chemistry by Method 353.2	WG870487	20	05/09/16 16:27	05/09/16 16:27	DR
Wet Chemistry by Method 9056A	WG869278	1	05/04/16 04:03	05/04/16 04:03	SAM
Wet Chemistry by Method 9056A	WG869278	50	05/04/16 04:19	05/04/16 04:19	SAM

MW-92 L832409-23 GW

Collected by: SU / HM1 Team
Collected date/time: 04/27/16 08:45
Received date/time: 04/29/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Gravimetric Analysis by Method 2540 C-2011	WG869083	1	05/03/16 04:09	05/03/16 04:34	JM
Metals (ICPMS) by Method 6020	WG869121	5	05/04/16 14:28	05/07/16 00:24	ST
Metals (ICPMS) by Method 6020	WG869289	5	05/04/16 12:26	05/07/16 04:07	JDG
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG869248	20	05/02/16 16:47	05/04/16 15:05	JNS
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG870384	1	05/05/16 23:45	05/05/16 23:45	LRL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG868976	1	05/03/16 13:20	05/03/16 13:20	BMB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG870046	50	05/06/16 09:21	05/06/16 09:21	JHH
Wet Chemistry by Method 353.2	WG870487	10	05/09/16 15:22	05/09/16 15:22	DR
Wet Chemistry by Method 9056A	WG869278	1	05/04/16 04:34	05/04/16 04:34	SAM
Wet Chemistry by Method 9056A	WG869278	50	05/04/16 04:50	05/04/16 04:50	SAM

RW-1R L832409-24 GW

Collected by: SU / HM1 Team
Collected date/time: 04/27/16 09:40
Received date/time: 04/29/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Gravimetric Analysis by Method 2540 C-2011	WG869083	1	05/03/16 04:09	05/03/16 04:34	JM
Metals (ICPMS) by Method 6020	WG869121	5	05/04/16 14:28	05/07/16 00:27	ST
Metals (ICPMS) by Method 6020	WG869289	5	05/04/16 12:26	05/07/16 04:17	JDG
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG869248	1	05/02/16 16:47	05/04/16 05:05	JNS
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG870384	1	05/06/16 00:08	05/06/16 00:08	LRL

RW-1R L832409-24 GW

Collected by: SU / HM1 Team
Collected date/time: 04/27/16 09:40
Received date/time: 04/29/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG868976	1	05/03/16 13:39	05/03/16 13:39	BMB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG870046	50	05/06/16 09:43	05/06/16 09:43	JHH
Wet Chemistry by Method 353.2	WG870487	10	05/09/16 15:23	05/09/16 15:23	DR
Wet Chemistry by Method 9056A	WG869278	1	05/04/16 05:05	05/04/16 05:05	SAM
Wet Chemistry by Method 9056A	WG869278	50	05/04/16 05:21	05/04/16 05:21	SAM

MW-91 L832409-25 GW

Collected by: SU / HM1 Team
Collected date/time: 04/27/16 10:30
Received date/time: 04/29/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Gravimetric Analysis by Method 2540 C-2011	WG869083	1	05/03/16 04:09	05/03/16 04:34	JM
Metals (ICP) by Method 6010B	WG873945	1	05/19/16 17:01	05/19/16 21:14	LTB
Metals (ICP) by Method 6010B	WG873946	1	05/19/16 17:08	05/19/16 21:50	LTB
Metals (ICPMS) by Method 6020	WG869123	5	05/05/16 13:16	05/07/16 02:46	JDG
Metals (ICPMS) by Method 6020	WG869289	5	05/04/16 12:26	05/07/16 04:20	JDG
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG869259	20	05/02/16 21:06	05/04/16 15:21	JNS
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG870384	5	05/06/16 00:31	05/06/16 00:31	LRL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG868976	50	05/03/16 13:59	05/03/16 13:59	BMB
Wet Chemistry by Method 353.2	WG870487	10	05/09/16 15:24	05/09/16 15:24	DR
Wet Chemistry by Method 9056A	WG869281	1	05/03/16 14:42	05/03/16 14:42	CM
Wet Chemistry by Method 9056A	WG869281	50	05/03/16 14:57	05/03/16 14:57	CM

MW-90 L832409-26 GW

Collected by: SU / HM1 Team
Collected date/time: 04/27/16 11:20
Received date/time: 04/29/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Gravimetric Analysis by Method 2540 C-2011	WG869085	1	05/03/16 05:16	05/03/16 06:19	JM
Metals (ICPMS) by Method 6020	WG869123	5	05/05/16 13:16	05/07/16 02:56	JDG
Metals (ICPMS) by Method 6020	WG869123	5	05/05/16 13:16	05/19/16 15:21	JD
Metals (ICPMS) by Method 6020	WG869289	5	05/04/16 12:26	05/07/16 04:23	JDG
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG869259	1	05/02/16 21:06	05/04/16 05:38	JNS
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG870384	1	05/06/16 00:54	05/06/16 00:54	LRL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG868976	1	05/03/16 14:18	05/03/16 14:18	BMB
Wet Chemistry by Method 353.2	WG870487	10	05/09/16 15:25	05/09/16 15:25	DR
Wet Chemistry by Method 9056A	WG869281	1	05/03/16 15:12	05/03/16 15:12	CM
Wet Chemistry by Method 9056A	WG869281	50	05/03/16 15:27	05/03/16 15:27	CM

MW-96 L832409-27 GW

Collected by: SU / HM1 Team
Collected date/time: 04/27/16 12:05
Received date/time: 04/29/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Gravimetric Analysis by Method 2540 C-2011	WG869085	1	05/03/16 05:16	05/03/16 06:19	JM
Metals (ICPMS) by Method 6020	WG869123	5	05/05/16 13:16	05/07/16 02:59	JDG
Metals (ICPMS) by Method 6020	WG869123	5	05/05/16 13:16	05/19/16 15:24	JD
Metals (ICPMS) by Method 6020	WG869289	5	05/04/16 12:26	05/07/16 04:31	JDG
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG869259	5	05/02/16 21:06	05/04/16 14:16	JNS
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG870384	5	05/06/16 01:17	05/06/16 01:17	LRL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG868976	20	05/03/16 14:37	05/03/16 14:37	BMB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG870046	1000	05/06/16 10:04	05/06/16 10:04	JHH
Wet Chemistry by Method 353.2	WG870487	10	05/09/16 15:32	05/09/16 15:32	DR
Wet Chemistry by Method 9056A	WG869281	1	05/03/16 15:44	05/03/16 15:44	CM
Wet Chemistry by Method 9056A	WG869281	10	05/04/16 03:10	05/04/16 03:10	CM

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.

Mark W. Beasley
Technical Service Representative

Sample Handling and Receiving

Prepared and/or analyzed past recommended holding time. Concentrations should be considered minimum values.

ESC Sample ID	Project Sample ID	Method
L832409-17	KWB-11A	2540 C-2011

Sample Narrative

L832409-17 - TDS analysis analyzed out of holding time due to rerun not confirming the original result.
L832409-25 - Selenium was analyzed by ICP 6010 due to matrix interferences by ICPMS 6020

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Dissolved Solids	4050		2.82	10.0	10.0	1	05/03/2016 04:08	WG869081

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Nitrate-Nitrite	17.0		0.0985	0.100	0.500	5	05/04/2016 23:02	WG869395

Wet Chemistry by Method 9012B

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Cyanide	0.00432	J	0.00180	0.00500	0.00500	1	05/04/2016 15:13	WG869727

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Chloride	102		2.60	1.00	50.0	50	05/02/2016 19:17	WG868800
Fluoride	0.926		0.00990	0.100	0.100	1	05/02/2016 19:01	WG868800
Sulfate	1920		3.87	5.00	250	50	05/09/2016 05:09	WG870293

Mercury by Method 7470A

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Mercury	U		0.0000490	0.000200	0.000200	1	05/02/2016 12:05	WG868783
Mercury,Dissolved	U		0.0000490	0.000200	0.000200	1	05/03/2016 12:00	WG869161

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Arsenic	U		0.00125	0.00200	0.0100	5	05/05/2016 18:58	WG869255
Arsenic,Dissolved	U		0.00125	0.00200	0.0100	5	05/06/2016 23:18	WG869121
Barium	0.0136	J	0.00180	0.00500	0.0250	5	05/05/2016 18:58	WG869255
Barium,Dissolved	0.0144	J	0.00180	0.00500	0.0250	5	05/06/2016 23:18	WG869121
Boron	0.574		0.0150	0.0200	0.200	10	05/09/2016 14:04	WG869255
Boron,Dissolved	0.525	O1 V	0.0150	0.0200	0.200	10	05/11/2016 10:40	WG869245
Cadmium	U		0.000800	0.00100	0.00500	5	05/05/2016 18:58	WG869255
Cadmium,Dissolved	U		0.000800	0.00100	0.00500	5	05/06/2016 23:18	WG869121
Calcium	512		0.230	1.00	5.00	5	05/05/2016 18:58	WG869255
Chromium	U		0.00270	0.00200	0.0100	5	05/05/2016 18:58	WG869255
Chromium,Dissolved	U		0.00270	0.00200	0.0100	5	05/06/2016 23:18	WG869121
Cobalt	U		0.00130	0.00200	0.0100	5	05/05/2016 18:58	WG869255
Cobalt,Dissolved	U		0.00130	0.00200	0.0100	5	05/05/2016 20:45	WG869245
Iron	U		0.0750	0.100	0.500	5	05/05/2016 18:58	WG869255
Iron,Dissolved	U		0.0750	0.100	0.500	5	05/06/2016 23:18	WG869121
Lead	U		0.00120	0.00200	0.0100	5	05/05/2016 18:58	WG869255
Lead,Dissolved	U		0.00120	0.00200	0.0100	5	05/06/2016 23:18	WG869121
Manganese	U		0.00125	0.00500	0.0250	5	05/05/2016 18:58	WG869255
Manganese,Dissolved	U		0.00125	0.00500	0.0250	5	05/06/2016 23:18	WG869121
Nickel	U		0.00175	0.00200	0.0100	5	05/05/2016 18:58	WG869255
Nickel,Dissolved	0.00179	J	0.00175	0.00200	0.0100	5	05/06/2016 23:18	WG869121
Potassium	1.07	J	0.185	1.00	5.00	5	05/05/2016 18:58	WG869255
Selenium	0.0140		0.00190	0.00200	0.0100	5	05/05/2016 18:58	WG869255
Selenium,Dissolved	0.0133		0.00190	0.00200	0.0100	5	05/06/2016 23:18	WG869121
Sodium	99.7		0.550	1.00	5.00	5	05/05/2016 18:58	WG869255

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Uranium	0.0252	J	0.00165	0.0100	0.0500	5	05/05/2016 18:58	WG869255
Uranium,Dissolved	0.0264	J	0.00165	0.0100	0.0500	5	05/05/2016 20:45	WG869245
Vanadium	0.0107	J	0.000900	0.00500	0.0250	5	05/05/2016 18:58	WG869255
Vanadium,Dissolved	0.0114	J	0.000900	0.00500	0.0250	5	05/06/2016 23:18	WG869121

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	0.100	1	05/05/2016 04:17	WG869041
(S) a,a,a-Trifluorotoluene(FID)	*102*				*62.0-128*		*05/05/2016 04:17*	WG869041

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

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0100	0.0500	0.0500	1	05/03/2016 08:15	WG868976
Benzene	U		0.000331	0.00100	0.00100	1	05/03/2016 08:15	WG868976
Bromodichloromethane	U		0.000380	0.00100	0.00100	1	05/03/2016 08:15	WG868976
Bromoform	U		0.000469	0.00100	0.00100	1	05/03/2016 08:15	WG868976
Bromomethane	U		0.000866	0.00500	0.00500	1	05/03/2016 08:15	WG868976
n-Butylbenzene	U		0.000361	0.00100	0.00100	1	05/03/2016 08:15	WG868976
sec-Butylbenzene	U		0.000365	0.00100	0.00100	1	05/03/2016 08:15	WG868976
Carbon disulfide	U		0.000275	0.00100	0.00100	1	05/03/2016 08:15	WG868976
Carbon tetrachloride	U		0.000379	0.00100	0.00100	1	05/03/2016 08:15	WG868976
Chlorobenzene	U		0.000348	0.00100	0.00100	1	05/03/2016 08:15	WG868976
Chlorodibromomethane	U		0.000327	0.00100	0.00100	1	05/03/2016 08:15	WG868976
Chloroethane	U		0.000453	0.00500	0.00500	1	05/03/2016 08:15	WG868976
Chloroform	U		0.000324	0.00500	0.00500	1	05/03/2016 08:15	WG868976
Chloromethane	U		0.000276	0.00250	0.00250	1	05/03/2016 08:15	WG868976
1,2-Dibromoethane	U		0.000381	0.00100	0.00100	1	05/03/2016 08:15	WG868976
1,1-Dichloroethane	U		0.000259	0.00100	0.00100	1	05/03/2016 08:15	WG868976
1,2-Dichloroethane	U		0.000361	0.00100	0.00100	1	05/03/2016 08:15	WG868976
1,1-Dichloroethene	U		0.000398	0.00100	0.00100	1	05/03/2016 08:15	WG868976
cis-1,2-Dichloroethene	U		0.000260	0.00100	0.00100	1	05/03/2016 08:15	WG868976
trans-1,2-Dichloroethene	U		0.000396	0.00100	0.00100	1	05/03/2016 08:15	WG868976
1,2-Dichloropropane	U		0.000306	0.00100	0.00100	1	05/03/2016 08:15	WG868976
cis-1,3-Dichloropropene	U		0.000418	0.00100	0.00100	1	05/03/2016 08:15	WG868976
trans-1,3-Dichloropropene	U		0.000419	0.00100	0.00100	1	05/03/2016 08:15	WG868976
Ethylbenzene	U		0.000384	0.00100	0.00100	1	05/03/2016 08:15	WG868976
Isopropylbenzene	U		0.000326	0.00100	0.00100	1	05/03/2016 08:15	WG868976
p-Isopropyltoluene	U		0.000350	0.00100	0.00100	1	05/03/2016 08:15	WG868976
2-Butanone (MEK)	U		0.00393	0.0100	0.0100	1	05/03/2016 08:15	WG868976
2-Hexanone	U		0.00382	0.0100	0.0100	1	05/03/2016 08:15	WG868976
Methylene Chloride	U		0.00100	0.00500	0.00500	1	05/03/2016 08:15	WG868976
4-Methyl-2-pentanone (MIBK)	U		0.00214	0.0100	0.0100	1	05/03/2016 08:15	WG868976
Methyl tert-butyl ether	U		0.000367	0.00100	0.00100	1	05/03/2016 08:15	WG868976
Naphthalene	U		0.00100	0.00500	0.00500	1	05/03/2016 08:15	WG868976
n-Propylbenzene	U		0.000349	0.00100	0.00100	1	05/03/2016 08:15	WG868976
Styrene	U		0.000307	0.00100	0.00100	1	05/03/2016 08:15	WG868976
1,1,1,2-Tetrachloroethane	U		0.000385	0.00100	0.00100	1	05/03/2016 08:15	WG868976
1,1,2,2-Tetrachloroethane	U		0.000130	0.00100	0.00100	1	05/03/2016 08:15	WG868976
Tetrachloroethene	U		0.000372	0.00100	0.00100	1	05/03/2016 08:15	WG868976
Toluene	U		0.000780	0.00500	0.00500	1	05/03/2016 08:15	WG868976
1,1,1-Trichloroethane	U		0.000319	0.00100	0.00100	1	05/03/2016 08:15	WG868976
1,1,2-Trichloroethane	U		0.000383	0.00100	0.00100	1	05/03/2016 08:15	WG868976
Trichloroethene	U		0.000398	0.00100	0.00100	1	05/03/2016 08:15	WG868976

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

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
1,2,4-Trimethylbenzene	U		0.000373	0.00100	0.00100	1	05/03/2016 08:15	WG868976
1,3,5-Trimethylbenzene	U		0.000387	0.00100	0.00100	1	05/03/2016 08:15	WG868976
Vinyl chloride	U		0.000259	0.00100	0.00100	1	05/03/2016 08:15	WG868976
o-Xylene	U		0.000341	0.00100	0.00100	1	05/03/2016 08:15	WG868976
m&p-Xylene	U		0.000719	0.00100	0.00100	1	05/03/2016 08:15	WG868976
Xylenes, Total	U		0.00106	0.00300	0.00300	1	05/03/2016 08:15	WG868976
(S) Toluene-d8	*103*				*90.0-115*		*05/03/2016 08:15*	WG868976
(S) Dibromofluoromethane	*104*				*79.0-121*		*05/03/2016 08:15*	WG868976
(S) 4-Bromofluorobenzene	*97.6*				*80.1-120*		*05/03/2016 08:15*	WG868976

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.0302	J	0.0247	0.100	0.100	1	05/03/2016 21:36	WG869248
(S) o-Terphenyl	*98.5*				*50.0-150*		*05/03/2016 21:36*	WG869248

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Dissolved Solids	2240		2.82	10.0	10.0	1	05/03/2016 04:08	WG869081

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Nitrate-Nitrite	5.46		0.0197	0.100	0.100	1	05/04/2016 23:03	WG869395

Wet Chemistry by Method 9012B

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Cyanide	0.00511		0.00180	0.00500	0.00500	1	05/04/2016 15:16	WG869727

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Chloride	86.5		0.0519	1.00	1.00	1	05/02/2016 19:33	WG868800
Fluoride	1.75		0.00990	0.100	0.100	1	05/02/2016 19:33	WG868800
Sulfate	1210		3.87	5.00	250	50	05/09/2016 05:25	WG870293

Mercury by Method 7470A

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Mercury	U		0.0000490	0.000200	0.000200	1	05/02/2016 12:14	WG868783
Mercury,Dissolved	U		0.0000490	0.000200	0.000200	1	05/03/2016 12:35	WG869161

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Arsenic	0.00202	J	0.00125	0.00200	0.0100	5	05/05/2016 19:01	WG869255
Arsenic,Dissolved	0.00226	J	0.00125	0.00200	0.0100	5	05/06/2016 23:07	WG869121
Barium	0.0150	J	0.00180	0.00500	0.0250	5	05/05/2016 19:01	WG869255
Barium,Dissolved	0.0153	J	0.00180	0.00500	0.0250	5	05/06/2016 23:07	WG869121
Boron	0.343		0.0150	0.0200	0.200	10	05/09/2016 14:09	WG869255
Boron,Dissolved	0.315		0.0150	0.0200	0.200	10	05/11/2016 11:00	WG869245
Cadmium	U		0.000800	0.00100	0.00500	5	05/05/2016 19:01	WG869255
Cadmium,Dissolved	U		0.000800	0.00100	0.00500	5	05/06/2016 23:07	WG869121
Calcium	402		0.230	1.00	5.00	5	05/05/2016 19:01	WG869255
Chromium	U		0.00270	0.00200	0.0100	5	05/05/2016 19:01	WG869255
Chromium,Dissolved	U		0.00270	0.00200	0.0100	5	05/06/2016 23:07	WG869121
Cobalt	U		0.00130	0.00200	0.0100	5	05/05/2016 19:01	WG869255
Cobalt,Dissolved	U		0.00130	0.00200	0.0100	5	05/05/2016 20:56	WG869245
Iron	U		0.0750	0.100	0.500	5	05/05/2016 19:01	WG869255
Iron,Dissolved	U		0.0750	0.100	0.500	5	05/06/2016 23:07	WG869121
Lead	U		0.00120	0.00200	0.0100	5	05/05/2016 19:01	WG869255
Lead,Dissolved	U		0.00120	0.00200	0.0100	5	05/06/2016 23:07	WG869121
Manganese	0.0147	J	0.00125	0.00500	0.0250	5	05/05/2016 19:01	WG869255
Manganese,Dissolved	0.0142	J	0.00125	0.00500	0.0250	5	05/06/2016 23:07	WG869121
Nickel	0.00905	J	0.00175	0.00200	0.0100	5	05/05/2016 19:01	WG869255
Nickel,Dissolved	0.00595	J	0.00175	0.00200	0.0100	5	05/06/2016 23:07	WG869121
Potassium	2.04	J	0.185	1.00	5.00	5	05/05/2016 19:01	WG869255
Selenium	0.00321	J	0.00190	0.00200	0.0100	5	05/05/2016 19:01	WG869255
Selenium,Dissolved	0.00342	J	0.00190	0.00200	0.0100	5	05/06/2016 23:07	WG869121
Sodium	103		0.550	1.00	5.00	5	05/05/2016 19:01	WG869255

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Uranium	0.0156	J	0.00165	0.0100	0.0500	5	05/05/2016 19:01	WG869255
Uranium,Dissolved	0.0156	J	0.00165	0.0100	0.0500	5	05/05/2016 20:56	WG869245
Vanadium	0.0123	J	0.000900	0.00500	0.0250	5	05/05/2016 19:01	WG869255
Vanadium,Dissolved	0.0129	J	0.000900	0.00500	0.0250	5	05/06/2016 23:07	WG869121

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	0.100	1	05/05/2016 04:40	WG869041
(S) a,a,a-Trifluorotoluene(FID)	*102*				*62.0-128*		*05/05/2016 04:40*	WG869041

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

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0100	0.0500	0.0500	1	05/02/2016 18:22	WG869235
Benzene	U		0.000331	0.00100	0.00100	1	05/02/2016 18:22	WG869235
Bromodichloromethane	U		0.000380	0.00100	0.00100	1	05/02/2016 18:22	WG869235
Bromoform	U		0.000469	0.00100	0.00100	1	05/02/2016 18:22	WG869235
Bromomethane	U		0.000866	0.00500	0.00500	1	05/02/2016 18:22	WG869235
n-Butylbenzene	U		0.000361	0.00100	0.00100	1	05/02/2016 18:22	WG869235
sec-Butylbenzene	U		0.000365	0.00100	0.00100	1	05/02/2016 18:22	WG869235
Carbon disulfide	U		0.000275	0.00100	0.00100	1	05/02/2016 18:22	WG869235
Carbon tetrachloride	U		0.000379	0.00100	0.00100	1	05/02/2016 18:22	WG869235
Chlorobenzene	U		0.000348	0.00100	0.00100	1	05/02/2016 18:22	WG869235
Chlorodibromomethane	U		0.000327	0.00100	0.00100	1	05/02/2016 18:22	WG869235
Chloroethane	U		0.000453	0.00500	0.00500	1	05/02/2016 18:22	WG869235
Chloroform	U		0.000324	0.00500	0.00500	1	05/02/2016 18:22	WG869235
Chloromethane	U		0.000276	0.00250	0.00250	1	05/02/2016 18:22	WG869235
1,2-Dibromoethane	U		0.000381	0.00100	0.00100	1	05/02/2016 18:22	WG869235
1,1-Dichloroethane	U		0.000259	0.00100	0.00100	1	05/02/2016 18:22	WG869235
1,2-Dichloroethane	U		0.000361	0.00100	0.00100	1	05/02/2016 18:22	WG869235
1,1-Dichloroethene	U		0.000398	0.00100	0.00100	1	05/02/2016 18:22	WG869235
cis-1,2-Dichloroethene	U		0.000260	0.00100	0.00100	1	05/02/2016 18:22	WG869235
trans-1,2-Dichloroethene	U		0.000396	0.00100	0.00100	1	05/02/2016 18:22	WG869235
1,2-Dichloropropane	U		0.000306	0.00100	0.00100	1	05/02/2016 18:22	WG869235
cis-1,3-Dichloropropene	U		0.000418	0.00100	0.00100	1	05/02/2016 18:22	WG869235
trans-1,3-Dichloropropene	U		0.000419	0.00100	0.00100	1	05/02/2016 18:22	WG869235
Ethylbenzene	U		0.000384	0.00100	0.00100	1	05/02/2016 18:22	WG869235
Isopropylbenzene	U		0.000326	0.00100	0.00100	1	05/02/2016 18:22	WG869235
p-Isopropyltoluene	U		0.000350	0.00100	0.00100	1	05/02/2016 18:22	WG869235
2-Butanone (MEK)	U		0.00393	0.0100	0.0100	1	05/02/2016 18:22	WG869235
2-Hexanone	U		0.00382	0.0100	0.0100	1	05/02/2016 18:22	WG869235
Methylene Chloride	U		0.00100	0.00500	0.00500	1	05/02/2016 18:22	WG869235
4-Methyl-2-pentanone (MIBK)	U		0.00214	0.0100	0.0100	1	05/02/2016 18:22	WG869235
Methyl tert-butyl ether	U		0.000367	0.00100	0.00100	1	05/02/2016 18:22	WG869235
Naphthalene	U		0.00100	0.00500	0.00500	1	05/02/2016 18:22	WG869235
n-Propylbenzene	U		0.000349	0.00100	0.00100	1	05/02/2016 18:22	WG869235
Styrene	U		0.000307	0.00100	0.00100	1	05/02/2016 18:22	WG869235
1,1,1,2-Tetrachloroethane	U		0.000385	0.00100	0.00100	1	05/02/2016 18:22	WG869235
1,1,2,2-Tetrachloroethane	U		0.000130	0.00100	0.00100	1	05/02/2016 18:22	WG869235
Tetrachloroethene	U		0.000372	0.00100	0.00100	1	05/02/2016 18:22	WG869235
Toluene	U		0.000780	0.00500	0.00500	1	05/02/2016 18:22	WG869235
1,1,1-Trichloroethane	U		0.000319	0.00100	0.00100	1	05/02/2016 18:22	WG869235
1,1,2-Trichloroethane	U		0.000383	0.00100	0.00100	1	05/02/2016 18:22	WG869235
Trichloroethene	U		0.000398	0.00100	0.00100	1	05/02/2016 18:22	WG869235

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

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
1,2,4-Trimethylbenzene	U		0.000373	0.00100	0.00100	1	05/02/2016 18:22	WG869235
1,3,5-Trimethylbenzene	U		0.000387	0.00100	0.00100	1	05/02/2016 18:22	WG869235
Vinyl chloride	U		0.000259	0.00100	0.00100	1	05/02/2016 18:22	WG869235
o-Xylene	U		0.000341	0.00100	0.00100	1	05/02/2016 18:22	WG869235
m&p-Xylene	U		0.000719	0.00100	0.00100	1	05/02/2016 18:22	WG869235
Xylenes, Total	U		0.00106	0.00300	0.00300	1	05/02/2016 18:22	WG869235
(S) Toluene-d8	*100*				*90.0-115*		*05/02/2016 18:22*	WG869235
(S) Dibromofluoromethane	*97.5*				*79.0-121*		*05/02/2016 18:22*	WG869235
(S) 4-Bromofluorobenzene	*100*				*80.1-120*		*05/02/2016 18:22*	WG869235

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.0692	J	0.0247	0.100	0.100	1	05/03/2016 21:53	WG869248
(S) o-Terphenyl	*97.5*				*50.0-150*		*05/03/2016 21:53*	WG869248

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Dissolved Solids	2340		2.82	10.0	10.0	1	05/03/2016 04:08	WG869081

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Nitrate-Nitrite	1.73		0.0197	0.100	0.100	1	05/04/2016 23:05	WG869395

Wet Chemistry by Method 9012B

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Cyanide	U		0.00180	0.00500	0.00500	1	05/05/2016 20:06	WG869361

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Chloride	47.7		0.0519	1.00	1.00	1	05/02/2016 20:05	WG868800
Fluoride	0.690		0.00990	0.100	0.100	1	05/02/2016 20:05	WG868800
Sulfate	1350		3.87	5.00	250	50	05/09/2016 05:40	WG870293

Mercury by Method 7470A

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Mercury	U		0.0000490	0.000200	0.000200	1	05/02/2016 12:17	WG868783
Mercury,Dissolved	U		0.0000490	0.000200	0.000200	1	05/03/2016 12:38	WG869161

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Arsenic	0.00182	J	0.00125	0.00200	0.0100	5	05/05/2016 19:04	WG869255
Arsenic,Dissolved	0.00171	J	0.00125	0.00200	0.0100	5	05/06/2016 23:21	WG869121
Barium	0.0198	J	0.00180	0.00500	0.0250	5	05/05/2016 19:04	WG869255
Barium,Dissolved	0.0187	J	0.00180	0.00500	0.0250	5	05/06/2016 23:21	WG869121
Boron	0.295		0.0150	0.0200	0.200	10	05/09/2016 14:14	WG869255
Boron,Dissolved	0.278		0.0150	0.0200	0.200	10	05/11/2016 11:05	WG869245
Cadmium	U		0.000800	0.00100	0.00500	5	05/05/2016 19:04	WG869255
Cadmium,Dissolved	U		0.000800	0.00100	0.00500	5	05/06/2016 23:21	WG869121
Calcium	440		0.230	1.00	5.00	5	05/05/2016 19:04	WG869255
Chromium	U		0.00270	0.00200	0.0100	5	05/05/2016 19:04	WG869255
Chromium,Dissolved	U		0.00270	0.00200	0.0100	5	05/06/2016 23:21	WG869121
Cobalt	U		0.00130	0.00200	0.0100	5	05/05/2016 19:04	WG869255
Cobalt,Dissolved	U		0.00130	0.00200	0.0100	5	05/05/2016 20:58	WG869245
Iron	U		0.0750	0.100	0.500	5	05/05/2016 19:04	WG869255
Iron,Dissolved	U		0.0750	0.100	0.500	5	05/06/2016 23:21	WG869121
Lead	U		0.00120	0.00200	0.0100	5	05/05/2016 19:04	WG869255
Lead,Dissolved	U		0.00120	0.00200	0.0100	5	05/06/2016 23:21	WG869121
Manganese	0.00141	J	0.00125	0.00500	0.0250	5	05/05/2016 19:04	WG869255
Manganese,Dissolved	0.00182	J	0.00125	0.00500	0.0250	5	05/06/2016 23:21	WG869121
Nickel	0.00188	J	0.00175	0.00200	0.0100	5	05/05/2016 19:04	WG869255
Nickel,Dissolved	U		0.00175	0.00200	0.0100	5	05/06/2016 23:21	WG869121
Potassium	1.86	J	0.185	1.00	5.00	5	05/05/2016 19:04	WG869255
Selenium	0.00386	J	0.00190	0.00200	0.0100	5	05/05/2016 19:04	WG869255
Selenium,Dissolved	0.00406	J	0.00190	0.00200	0.0100	5	05/06/2016 23:21	WG869121
Sodium	75.8		0.550	1.00	5.00	5	05/05/2016 19:04	WG869255

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Uranium	0.0122	J	0.00165	0.0100	0.0500	5	05/05/2016 19:04	WG869255
Uranium,Dissolved	0.0126	J	0.00165	0.0100	0.0500	5	05/05/2016 20:58	WG869245
Vanadium	0.0104	J	0.000900	0.00500	0.0250	5	05/05/2016 19:04	WG869255
Vanadium,Dissolved	0.0102	J	0.000900	0.00500	0.0250	5	05/06/2016 23:21	WG869121

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	0.100	1	05/05/2016 05:03	WG869041
(S) a,a,a-Trifluorotoluene(FID)	*102*				*62.0-128*		*05/05/2016 05:03*	WG869041

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

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0100	0.0500	0.0500	1	05/02/2016 22:24	WG869235
Benzene	U		0.000331	0.00100	0.00100	1	05/02/2016 22:24	WG869235
Bromodichloromethane	U		0.000380	0.00100	0.00100	1	05/02/2016 22:24	WG869235
Bromoform	U		0.000469	0.00100	0.00100	1	05/02/2016 22:24	WG869235
Bromomethane	U		0.000866	0.00500	0.00500	1	05/02/2016 22:24	WG869235
n-Butylbenzene	U		0.000361	0.00100	0.00100	1	05/02/2016 22:24	WG869235
sec-Butylbenzene	U		0.000365	0.00100	0.00100	1	05/02/2016 22:24	WG869235
Carbon disulfide	U		0.000275	0.00100	0.00100	1	05/02/2016 22:24	WG869235
Carbon tetrachloride	U		0.000379	0.00100	0.00100	1	05/02/2016 22:24	WG869235
Chlorobenzene	U		0.000348	0.00100	0.00100	1	05/02/2016 22:24	WG869235
Chlorodibromomethane	U		0.000327	0.00100	0.00100	1	05/02/2016 22:24	WG869235
Chloroethane	U		0.000453	0.00500	0.00500	1	05/02/2016 22:24	WG869235
Chloroform	U		0.000324	0.00500	0.00500	1	05/02/2016 22:24	WG869235
Chloromethane	U		0.000276	0.00250	0.00250	1	05/02/2016 22:24	WG869235
1,2-Dibromoethane	U		0.000381	0.00100	0.00100	1	05/02/2016 22:24	WG869235
1,1-Dichloroethane	U		0.000259	0.00100	0.00100	1	05/02/2016 22:24	WG869235
1,2-Dichloroethane	U		0.000361	0.00100	0.00100	1	05/02/2016 22:24	WG869235
1,1-Dichloroethene	U		0.000398	0.00100	0.00100	1	05/02/2016 22:24	WG869235
cis-1,2-Dichloroethene	U		0.000260	0.00100	0.00100	1	05/02/2016 22:24	WG869235
trans-1,2-Dichloroethene	U		0.000396	0.00100	0.00100	1	05/02/2016 22:24	WG869235
1,2-Dichloropropane	U		0.000306	0.00100	0.00100	1	05/02/2016 22:24	WG869235
cis-1,3-Dichloropropene	U		0.000418	0.00100	0.00100	1	05/02/2016 22:24	WG869235
trans-1,3-Dichloropropene	U		0.000419	0.00100	0.00100	1	05/02/2016 22:24	WG869235
Ethylbenzene	U		0.000384	0.00100	0.00100	1	05/02/2016 22:24	WG869235
Isopropylbenzene	U		0.000326	0.00100	0.00100	1	05/02/2016 22:24	WG869235
p-Isopropyltoluene	U		0.000350	0.00100	0.00100	1	05/02/2016 22:24	WG869235
2-Butanone (MEK)	U		0.00393	0.0100	0.0100	1	05/02/2016 22:24	WG869235
2-Hexanone	U		0.00382	0.0100	0.0100	1	05/02/2016 22:24	WG869235
Methylene Chloride	U		0.00100	0.00500	0.00500	1	05/02/2016 22:24	WG869235
4-Methyl-2-pentanone (MIBK)	U		0.00214	0.0100	0.0100	1	05/02/2016 22:24	WG869235
Methyl tert-butyl ether	U		0.000367	0.00100	0.00100	1	05/02/2016 22:24	WG869235
Naphthalene	U		0.00100	0.00500	0.00500	1	05/02/2016 22:24	WG869235
n-Propylbenzene	U		0.000349	0.00100	0.00100	1	05/02/2016 22:24	WG869235
Styrene	U		0.000307	0.00100	0.00100	1	05/02/2016 22:24	WG869235
1,1,1,2-Tetrachloroethane	U		0.000385	0.00100	0.00100	1	05/02/2016 22:24	WG869235
1,1,2,2-Tetrachloroethane	U		0.000130	0.00100	0.00100	1	05/02/2016 22:24	WG869235
Tetrachloroethene	U		0.000372	0.00100	0.00100	1	05/02/2016 22:24	WG869235
Toluene	U		0.000780	0.00500	0.00500	1	05/02/2016 22:24	WG869235
1,1,1-Trichloroethane	U		0.000319	0.00100	0.00100	1	05/02/2016 22:24	WG869235
1,1,2-Trichloroethane	U		0.000383	0.00100	0.00100	1	05/02/2016 22:24	WG869235
Trichloroethene	U		0.000398	0.00100	0.00100	1	05/02/2016 22:24	WG869235

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

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
1,2,4-Trimethylbenzene	U		0.000373	0.00100	0.00100	1	05/02/2016 22:24	WG869235
1,3,5-Trimethylbenzene	U		0.000387	0.00100	0.00100	1	05/02/2016 22:24	WG869235
Vinyl chloride	U		0.000259	0.00100	0.00100	1	05/02/2016 22:24	WG869235
o-Xylene	U		0.000341	0.00100	0.00100	1	05/02/2016 22:24	WG869235
m&p-Xylene	U		0.000719	0.00100	0.00100	1	05/02/2016 22:24	WG869235
Xylenes, Total	U		0.00106	0.00300	0.00300	1	05/02/2016 22:24	WG869235
(S) Toluene-d8	*101*				*90.0-115*		*05/02/2016 22:24*	WG869235
(S) Dibromofluoromethane	*98.5*				*79.0-121*		*05/02/2016 22:24*	WG869235
(S) 4-Bromofluorobenzene	*99.7*				*80.1-120*		*05/02/2016 22:24*	WG869235

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0247	0.100	0.100	1	05/03/2016 22:09	WG869248
(S) o-Terphenyl	*98.5*				*50.0-150*		*05/03/2016 22:09*	WG869248

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	4140		2.82	10.0	10.0	1	05/03/2016 04:08	WG869081

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	0.407		0.0197	0.100	0.100	1	05/04/2016 23:06	WG869395

Wet Chemistry by Method 9012B

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Cyanide	U		0.00180	0.00500	0.00500	1	05/05/2016 20:07	WG869361

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Chloride	49.2		0.0519	1.00	1.00	1	05/02/2016 21:56	WG868800
Fluoride	0.668		0.00990	0.100	0.100	1	05/02/2016 21:56	WG868800
Sulfate	2480		3.87	5.00	250	50	05/09/2016 05:56	WG870293

Mercury by Method 7470A

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Mercury	U		0.0000490	0.000200	0.000200	1	05/02/2016 12:20	WG868783
Mercury,Dissolved	U		0.0000490	0.000200	0.000200	1	05/03/2016 12:41	WG869161

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Arsenic	U		0.00125	0.00200	0.0100	5	05/05/2016 19:12	WG869255
Arsenic,Dissolved	0.00144	J	0.00125	0.00200	0.0100	5	05/06/2016 23:23	WG869121
Barium	0.0184	J	0.00180	0.00500	0.0250	5	05/05/2016 19:12	WG869255
Barium,Dissolved	0.0210	J	0.00180	0.00500	0.0250	5	05/06/2016 23:23	WG869121
Boron	1.19		0.0150	0.0200	0.200	10	05/09/2016 14:28	WG869255
Boron,Dissolved	1.21		0.0150	0.0200	0.200	10	05/11/2016 11:10	WG869245
Cadmium	U		0.000800	0.00100	0.00500	5	05/05/2016 19:12	WG869255
Cadmium,Dissolved	U		0.000800	0.00100	0.00500	5	05/06/2016 23:23	WG869121
Calcium	590		0.230	1.00	5.00	5	05/05/2016 19:12	WG869255
Chromium	U		0.00270	0.00200	0.0100	5	05/05/2016 19:12	WG869255
Chromium,Dissolved	U		0.00270	0.00200	0.0100	5	05/06/2016 23:23	WG869121
Cobalt	U		0.00130	0.00200	0.0100	5	05/05/2016 19:12	WG869255
Cobalt,Dissolved	U		0.00130	0.00200	0.0100	5	05/05/2016 21:01	WG869245
Iron	U		0.0750	0.100	0.500	5	05/05/2016 19:12	WG869255
Iron,Dissolved	U		0.0750	0.100	0.500	5	05/06/2016 23:23	WG869121
Lead	U		0.00120	0.00200	0.0100	5	05/05/2016 19:12	WG869255
Lead,Dissolved	U		0.00120	0.00200	0.0100	5	05/06/2016 23:23	WG869121
Manganese	0.00752	J	0.00125	0.00500	0.0250	5	05/05/2016 19:12	WG869255
Manganese,Dissolved	U		0.00125	0.00500	0.0250	5	05/06/2016 23:23	WG869121
Nickel	0.00203	J	0.00175	0.00200	0.0100	5	05/05/2016 19:12	WG869255
Nickel,Dissolved	U		0.00175	0.00200	0.0100	5	05/06/2016 23:23	WG869121
Potassium	1.99	J	0.185	1.00	5.00	5	05/05/2016 19:12	WG869255
Selenium	0.00634	J	0.00190	0.00200	0.0100	5	05/05/2016 19:12	WG869255
Selenium,Dissolved	0.00673	J	0.00190	0.00200	0.0100	5	05/06/2016 23:23	WG869121
Sodium	224		0.550	1.00	5.00	5	05/05/2016 19:12	WG869255

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Uranium	0.0364	J	0.00165	0.0100	0.0500	5	05/05/2016 19:12	WG869255
Uranium,Dissolved	0.0365	J	0.00165	0.0100	0.0500	5	05/05/2016 21:01	WG869245
Vanadium	0.00749	J	0.000900	0.00500	0.0250	5	05/05/2016 19:12	WG869255
Vanadium,Dissolved	0.00794	J	0.000900	0.00500	0.0250	5	05/06/2016 23:23	WG869121

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	0.100	1	05/05/2016 05:26	WG869041
(S) a,a,a-Trifluorotoluene(FID)	*102*				*62.0-128*		*05/05/2016 05:26*	WG869041

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

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0100	0.0500	0.0500	1	05/02/2016 22:44	WG869235
Benzene	U		0.000331	0.00100	0.00100	1	05/02/2016 22:44	WG869235
Bromodichloromethane	U		0.000380	0.00100	0.00100	1	05/02/2016 22:44	WG869235
Bromoform	U		0.000469	0.00100	0.00100	1	05/02/2016 22:44	WG869235
Bromomethane	U		0.000866	0.00500	0.00500	1	05/02/2016 22:44	WG869235
n-Butylbenzene	U		0.000361	0.00100	0.00100	1	05/02/2016 22:44	WG869235
sec-Butylbenzene	U		0.000365	0.00100	0.00100	1	05/02/2016 22:44	WG869235
Carbon disulfide	U		0.000275	0.00100	0.00100	1	05/02/2016 22:44	WG869235
Carbon tetrachloride	U		0.000379	0.00100	0.00100	1	05/02/2016 22:44	WG869235
Chlorobenzene	U		0.000348	0.00100	0.00100	1	05/02/2016 22:44	WG869235
Chlorodibromomethane	U		0.000327	0.00100	0.00100	1	05/02/2016 22:44	WG869235
Chloroethane	U		0.000453	0.00500	0.00500	1	05/02/2016 22:44	WG869235
Chloroform	U		0.000324	0.00500	0.00500	1	05/02/2016 22:44	WG869235
Chloromethane	U		0.000276	0.00250	0.00250	1	05/02/2016 22:44	WG869235
1,2-Dibromoethane	U		0.000381	0.00100	0.00100	1	05/02/2016 22:44	WG869235
1,1-Dichloroethane	U		0.000259	0.00100	0.00100	1	05/02/2016 22:44	WG869235
1,2-Dichloroethane	U		0.000361	0.00100	0.00100	1	05/02/2016 22:44	WG869235
1,1-Dichloroethene	U		0.000398	0.00100	0.00100	1	05/02/2016 22:44	WG869235
cis-1,2-Dichloroethene	U		0.000260	0.00100	0.00100	1	05/02/2016 22:44	WG869235
trans-1,2-Dichloroethene	U		0.000396	0.00100	0.00100	1	05/02/2016 22:44	WG869235
1,2-Dichloropropane	U		0.000306	0.00100	0.00100	1	05/02/2016 22:44	WG869235
cis-1,3-Dichloropropene	U		0.000418	0.00100	0.00100	1	05/02/2016 22:44	WG869235
trans-1,3-Dichloropropene	U		0.000419	0.00100	0.00100	1	05/02/2016 22:44	WG869235
Ethylbenzene	U		0.000384	0.00100	0.00100	1	05/02/2016 22:44	WG869235
Isopropylbenzene	U		0.000326	0.00100	0.00100	1	05/02/2016 22:44	WG869235
p-Isopropyltoluene	U		0.000350	0.00100	0.00100	1	05/02/2016 22:44	WG869235
2-Butanone (MEK)	U		0.00393	0.0100	0.0100	1	05/02/2016 22:44	WG869235
2-Hexanone	U		0.00382	0.0100	0.0100	1	05/02/2016 22:44	WG869235
Methylene Chloride	U		0.00100	0.00500	0.00500	1	05/02/2016 22:44	WG869235
4-Methyl-2-pentanone (MIBK)	U		0.00214	0.0100	0.0100	1	05/02/2016 22:44	WG869235
Methyl tert-butyl ether	U		0.000367	0.00100	0.00100	1	05/02/2016 22:44	WG869235
Naphthalene	U		0.00100	0.00500	0.00500	1	05/02/2016 22:44	WG869235
n-Propylbenzene	U		0.000349	0.00100	0.00100	1	05/02/2016 22:44	WG869235
Styrene	U		0.000307	0.00100	0.00100	1	05/02/2016 22:44	WG869235
1,1,1,2-Tetrachloroethane	U		0.000385	0.00100	0.00100	1	05/02/2016 22:44	WG869235
1,1,2,2-Tetrachloroethane	U		0.000130	0.00100	0.00100	1	05/02/2016 22:44	WG869235
Tetrachloroethene	U		0.000372	0.00100	0.00100	1	05/02/2016 22:44	WG869235
Toluene	U		0.000780	0.00500	0.00500	1	05/02/2016 22:44	WG869235
1,1,1-Trichloroethane	U		0.000319	0.00100	0.00100	1	05/02/2016 22:44	WG869235
1,1,2-Trichloroethane	U		0.000383	0.00100	0.00100	1	05/02/2016 22:44	WG869235
Trichloroethene	U		0.000398	0.00100	0.00100	1	05/02/2016 22:44	WG869235

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

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
1,2,4-Trimethylbenzene	U		0.000373	0.00100	0.00100	1	05/02/2016 22:44	WG869235
1,3,5-Trimethylbenzene	U		0.000387	0.00100	0.00100	1	05/02/2016 22:44	WG869235
Vinyl chloride	U		0.000259	0.00100	0.00100	1	05/02/2016 22:44	WG869235
o-Xylene	U		0.000341	0.00100	0.00100	1	05/02/2016 22:44	WG869235
m&p-Xylene	U		0.000719	0.00100	0.00100	1	05/02/2016 22:44	WG869235
Xylenes, Total	U		0.00106	0.00300	0.00300	1	05/02/2016 22:44	WG869235
(S) Toluene-d8	*101*				*90.0-115*		*05/02/2016 22:44*	WG869235
(S) Dibromofluoromethane	*99.5*				*79.0-121*		*05/02/2016 22:44*	WG869235
(S) 4-Bromofluorobenzene	*98.9*				*80.1-120*		*05/02/2016 22:44*	WG869235

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.0349	J	0.0247	0.100	0.100	1	05/03/2016 23:31	WG869248
(S) o-Terphenyl	*98.8*				*50.0-150*		*05/03/2016 23:31*	WG869248

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

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Acetone	U		0.0100	0.0500	0.0500	1	05/02/2016 16:21	WG869235
Benzene	U		0.000331	0.00100	0.00100	1	05/02/2016 16:21	WG869235
Bromodichloromethane	U		0.000380	0.00100	0.00100	1	05/02/2016 16:21	WG869235
Bromoform	U		0.000469	0.00100	0.00100	1	05/02/2016 16:21	WG869235
Bromomethane	U		0.000866	0.00500	0.00500	1	05/02/2016 16:21	WG869235
n-Butylbenzene	U		0.000361	0.00100	0.00100	1	05/02/2016 16:21	WG869235
sec-Butylbenzene	U		0.000365	0.00100	0.00100	1	05/02/2016 16:21	WG869235
Carbon disulfide	U		0.000275	0.00100	0.00100	1	05/02/2016 16:21	WG869235
Carbon tetrachloride	U		0.000379	0.00100	0.00100	1	05/02/2016 16:21	WG869235
Chlorobenzene	U		0.000348	0.00100	0.00100	1	05/02/2016 16:21	WG869235
Chlorodibromomethane	U		0.000327	0.00100	0.00100	1	05/02/2016 16:21	WG869235
Chloroethane	U		0.000453	0.00500	0.00500	1	05/02/2016 16:21	WG869235
Chloroform	U		0.000324	0.00500	0.00500	1	05/02/2016 16:21	WG869235
Chloromethane	U		0.000276	0.00250	0.00250	1	05/02/2016 16:21	WG869235
1,2-Dibromoethane	U		0.000381	0.00100	0.00100	1	05/02/2016 16:21	WG869235
1,1-Dichloroethane	U		0.000259	0.00100	0.00100	1	05/02/2016 16:21	WG869235
1,2-Dichloroethane	U		0.000361	0.00100	0.00100	1	05/02/2016 16:21	WG869235
1,1-Dichloroethene	U		0.000398	0.00100	0.00100	1	05/02/2016 16:21	WG869235
cis-1,2-Dichloroethene	U		0.000260	0.00100	0.00100	1	05/02/2016 16:21	WG869235
trans-1,2-Dichloroethene	U		0.000396	0.00100	0.00100	1	05/02/2016 16:21	WG869235
1,2-Dichloropropane	U		0.000306	0.00100	0.00100	1	05/02/2016 16:21	WG869235
cis-1,3-Dichloropropene	U		0.000418	0.00100	0.00100	1	05/02/2016 16:21	WG869235
trans-1,3-Dichloropropene	U		0.000419	0.00100	0.00100	1	05/02/2016 16:21	WG869235
Ethylbenzene	U		0.000384	0.00100	0.00100	1	05/02/2016 16:21	WG869235
Isopropylbenzene	U		0.000326	0.00100	0.00100	1	05/02/2016 16:21	WG869235
p-Isopropyltoluene	U		0.000350	0.00100	0.00100	1	05/02/2016 16:21	WG869235
2-Butanone (MEK)	U		0.00393	0.0100	0.0100	1	05/02/2016 16:21	WG869235
2-Hexanone	U		0.00382	0.0100	0.0100	1	05/02/2016 16:21	WG869235
Methylene Chloride	U		0.00100	0.00500	0.00500	1	05/02/2016 16:21	WG869235
4-Methyl-2-pentanone (MIBK)	U		0.00214	0.0100	0.0100	1	05/02/2016 16:21	WG869235
Methyl tert-butyl ether	U		0.000367	0.00100	0.00100	1	05/02/2016 16:21	WG869235
Naphthalene	U		0.00100	0.00500	0.00500	1	05/02/2016 16:21	WG869235
n-Propylbenzene	U		0.000349	0.00100	0.00100	1	05/02/2016 16:21	WG869235
Styrene	U		0.000307	0.00100	0.00100	1	05/02/2016 16:21	WG869235
1,1,1,2-Tetrachloroethane	U		0.000385	0.00100	0.00100	1	05/02/2016 16:21	WG869235
1,1,2,2-Tetrachloroethane	U		0.000130	0.00100	0.00100	1	05/02/2016 16:21	WG869235
Tetrachloroethene	U		0.000372	0.00100	0.00100	1	05/02/2016 16:21	WG869235
Toluene	U		0.000780	0.00500	0.00500	1	05/02/2016 16:21	WG869235
1,1,1-Trichloroethane	U		0.000319	0.00100	0.00100	1	05/02/2016 16:21	WG869235
1,1,2-Trichloroethane	U		0.000383	0.00100	0.00100	1	05/02/2016 16:21	WG869235
Trichloroethene	U		0.000398	0.00100	0.00100	1	05/02/2016 16:21	WG869235
1,2,4-Trimethylbenzene	U		0.000373	0.00100	0.00100	1	05/02/2016 16:21	WG869235
1,3,5-Trimethylbenzene	U		0.000387	0.00100	0.00100	1	05/02/2016 16:21	WG869235
Vinyl chloride	U		0.000259	0.00100	0.00100	1	05/02/2016 16:21	WG869235
o-Xylene	U		0.000341	0.00100	0.00100	1	05/02/2016 16:21	WG869235
m&p-Xylene	U		0.000719	0.00100	0.00100	1	05/02/2016 16:21	WG869235
Xylenes, Total	U		0.00106	0.00300	0.00300	1	05/02/2016 16:21	WG869235
(S) Toluene-d8	*100*				*90.0-115*		*05/02/2016 16:21*	WG869235
(S) Dibromofluoromethane	*96.2*				*79.0-121*		*05/02/2016 16:21*	WG869235
(S) 4-Bromofluorobenzene	*97.6*				*80.1-120*		*05/02/2016 16:21*	WG869235

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Dissolved Solids	3390		2.82	10.0	10.0	1	05/02/2016 14:22	WG869072

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Nitrate-Nitrite	0.349		0.0197	0.100	0.100	1	05/04/2016 23:07	WG869395

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Chloride	94.4		0.0519	1.00	1.00	1	05/02/2016 22:28	WG868800
Fluoride	3.45		0.00990	0.100	0.100	1	05/02/2016 22:28	WG868800
Sulfate	2060		3.87	5.00	250	50	05/09/2016 06:12	WG870293

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Arsenic	0.00266	J	0.00125	0.00200	0.0100	5	05/05/2016 19:14	WG869255
Arsenic,Dissolved	0.00260	J	0.00125	0.00200	0.0100	5	05/06/2016 23:40	WG869121
Barium	0.0186	J	0.00180	0.00500	0.0250	5	05/05/2016 19:14	WG869255
Barium,Dissolved	0.00993	J	0.00180	0.00500	0.0250	5	05/06/2016 23:40	WG869121
Calcium	554		0.230	1.00	5.00	5	05/05/2016 19:14	WG869255
Chromium	U		0.00270	0.00200	0.0100	5	05/05/2016 19:14	WG869255
Chromium,Dissolved	U		0.00270	0.00200	0.0100	5	05/06/2016 23:40	WG869121
Iron	0.684		0.0750	0.100	0.500	5	05/05/2016 19:14	WG869255
Iron,Dissolved	U		0.0750	0.100	0.500	5	05/06/2016 23:40	WG869121
Lead	U		0.00120	0.00200	0.0100	5	05/05/2016 19:14	WG869255
Lead,Dissolved	U		0.00120	0.00200	0.0100	5	05/06/2016 23:40	WG869121
Manganese	0.0103	J	0.00125	0.00500	0.0250	5	05/05/2016 19:14	WG869255
Manganese,Dissolved	U		0.00125	0.00500	0.0250	5	05/06/2016 23:40	WG869121
Potassium	5.82		0.185	1.00	5.00	5	05/05/2016 19:14	WG869255
Selenium	0.00857	J	0.00190	0.00200	0.0100	5	05/05/2016 19:14	WG869255
Selenium,Dissolved	0.00912	J	0.00190	0.00200	0.0100	5	05/06/2016 23:40	WG869121
Sodium	112		0.550	1.00	5.00	5	05/05/2016 19:14	WG869255

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
TPH (GC/FID) Low Fraction	U		0.0314	0.100	0.100	1	05/05/2016 05:49	WG869041
(S) a,a,a-Trifluorotoluene(FID)	*102*				*62.0-128*		*05/05/2016 05:49*	WG869041

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

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Acetone	U		0.0100	0.0500	0.0500	1	05/02/2016 23:04	WG869235
Benzene	U		0.000331	0.00100	0.00100	1	05/02/2016 23:04	WG869235
Bromodichloromethane	U		0.000380	0.00100	0.00100	1	05/02/2016 23:04	WG869235
Bromoform	U		0.000469	0.00100	0.00100	1	05/02/2016 23:04	WG869235
Bromomethane	U		0.000866	0.00500	0.00500	1	05/02/2016 23:04	WG869235
n-Butylbenzene	U		0.000361	0.00100	0.00100	1	05/02/2016 23:04	WG869235
sec-Butylbenzene	U		0.000365	0.00100	0.00100	1	05/02/2016 23:04	WG869235
Carbon disulfide	U		0.000275	0.00100	0.00100	1	05/02/2016 23:04	WG869235
Carbon tetrachloride	U		0.000379	0.00100	0.00100	1	05/02/2016 23:04	WG869235

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

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Chlorobenzene	U		0.000348	0.00100	0.00100	1	05/02/2016 23:04	WG869235
Chlorodibromomethane	U		0.000327	0.00100	0.00100	1	05/02/2016 23:04	WG869235
Chloroethane	U		0.000453	0.00500	0.00500	1	05/02/2016 23:04	WG869235
Chloroform	U		0.000324	0.00500	0.00500	1	05/02/2016 23:04	WG869235
Chloromethane	U		0.000276	0.00250	0.00250	1	05/02/2016 23:04	WG869235
1,2-Dibromoethane	U		0.000381	0.00100	0.00100	1	05/02/2016 23:04	WG869235
1,1-Dichloroethane	U		0.000259	0.00100	0.00100	1	05/02/2016 23:04	WG869235
1,2-Dichloroethane	U		0.000361	0.00100	0.00100	1	05/02/2016 23:04	WG869235
1,1-Dichloroethene	U		0.000398	0.00100	0.00100	1	05/02/2016 23:04	WG869235
cis-1,2-Dichloroethene	U		0.000260	0.00100	0.00100	1	05/02/2016 23:04	WG869235
trans-1,2-Dichloroethene	U		0.000396	0.00100	0.00100	1	05/02/2016 23:04	WG869235
1,2-Dichloropropane	U		0.000306	0.00100	0.00100	1	05/02/2016 23:04	WG869235
cis-1,3-Dichloropropene	U		0.000418	0.00100	0.00100	1	05/02/2016 23:04	WG869235
trans-1,3-Dichloropropene	U		0.000419	0.00100	0.00100	1	05/02/2016 23:04	WG869235
Ethylbenzene	U		0.000384	0.00100	0.00100	1	05/02/2016 23:04	WG869235
Isopropylbenzene	U		0.000326	0.00100	0.00100	1	05/02/2016 23:04	WG869235
p-Isopropyltoluene	U		0.000350	0.00100	0.00100	1	05/02/2016 23:04	WG869235
2-Butanone (MEK)	U		0.00393	0.0100	0.0100	1	05/02/2016 23:04	WG869235
2-Hexanone	U		0.00382	0.0100	0.0100	1	05/02/2016 23:04	WG869235
Methylene Chloride	U		0.00100	0.00500	0.00500	1	05/02/2016 23:04	WG869235
4-Methyl-2-pentanone (MIBK)	U		0.00214	0.0100	0.0100	1	05/02/2016 23:04	WG869235
Methyl tert-butyl ether	U		0.000367	0.00100	0.00100	1	05/02/2016 23:04	WG869235
Naphthalene	U		0.00100	0.00500	0.00500	1	05/02/2016 23:04	WG869235
n-Propylbenzene	U		0.000349	0.00100	0.00100	1	05/02/2016 23:04	WG869235
Styrene	U		0.000307	0.00100	0.00100	1	05/02/2016 23:04	WG869235
1,1,1,2-Tetrachloroethane	U		0.000385	0.00100	0.00100	1	05/02/2016 23:04	WG869235
1,1,2,2-Tetrachloroethane	U		0.000130	0.00100	0.00100	1	05/02/2016 23:04	WG869235
Tetrachloroethene	U		0.000372	0.00100	0.00100	1	05/02/2016 23:04	WG869235
Toluene	U		0.000780	0.00500	0.00500	1	05/02/2016 23:04	WG869235
1,1,1-Trichloroethane	U		0.000319	0.00100	0.00100	1	05/02/2016 23:04	WG869235
1,1,2-Trichloroethane	U		0.000383	0.00100	0.00100	1	05/02/2016 23:04	WG869235
Trichloroethene	U		0.000398	0.00100	0.00100	1	05/02/2016 23:04	WG869235
1,2,4-Trimethylbenzene	U		0.000373	0.00100	0.00100	1	05/02/2016 23:04	WG869235
1,3,5-Trimethylbenzene	U		0.000387	0.00100	0.00100	1	05/02/2016 23:04	WG869235
Vinyl chloride	U		0.000259	0.00100	0.00100	1	05/02/2016 23:04	WG869235
o-Xylene	U		0.000341	0.00100	0.00100	1	05/02/2016 23:04	WG869235
m&p-Xylene	U		0.000719	0.00100	0.00100	1	05/02/2016 23:04	WG869235
Xylenes, Total	U		0.00106	0.00300	0.00300	1	05/02/2016 23:04	WG869235
(S) Toluene-d8	*102*				*90.0-115*		*05/02/2016 23:04*	WG869235
(S) Dibromofluoromethane	*98.8*				*79.0-121*		*05/02/2016 23:04*	WG869235
(S) 4-Bromofluorobenzene	*99.0*				*80.1-120*		*05/02/2016 23:04*	WG869235

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
TPH (GC/FID) High Fraction	U		0.0247	0.100	0.100	1	05/03/2016 23:47	WG869248
(S) o-Terphenyl	*96.1*				*50.0-150*		*05/03/2016 23:47*	WG869248

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Dissolved Solids	3950		2.82	10.0	10.0	1	05/02/2016 14:22	WG869072

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Nitrate-Nitrite	1.57		0.0197	0.100	0.100	1	05/04/2016 23:08	WG869395

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Chloride	189		2.60	1.00	50.0	50	05/02/2016 23:16	WG868800
Fluoride	5.86		0.00990	0.100	0.100	1	05/02/2016 23:00	WG868800
Sulfate	2480		3.87	5.00	250	50	05/09/2016 06:28	WG870293

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Arsenic	0.0108		0.00125	0.00200	0.0100	5	05/05/2016 19:17	WG869255
Arsenic,Dissolved	0.0110		0.00125	0.00200	0.0100	5	05/06/2016 23:43	WG869121
Barium	0.0139	J	0.00180	0.00500	0.0250	5	05/05/2016 19:17	WG869255
Barium,Dissolved	0.00885	J	0.00180	0.00500	0.0250	5	05/06/2016 23:43	WG869121
Calcium	573		0.230	1.00	5.00	5	05/05/2016 19:17	WG869255
Chromium	U		0.00270	0.00200	0.0100	5	05/05/2016 19:17	WG869255
Chromium,Dissolved	U		0.00270	0.00200	0.0100	5	05/06/2016 23:43	WG869121
Iron	0.426	J	0.0750	0.100	0.500	5	05/05/2016 19:17	WG869255
Iron,Dissolved	U		0.0750	0.100	0.500	5	05/06/2016 23:43	WG869121
Lead	U		0.00120	0.00200	0.0100	5	05/05/2016 19:17	WG869255
Lead,Dissolved	U		0.00120	0.00200	0.0100	5	05/06/2016 23:43	WG869121
Manganese	0.00480	J	0.00125	0.00500	0.0250	5	05/05/2016 19:17	WG869255
Manganese,Dissolved	U		0.00125	0.00500	0.0250	5	05/06/2016 23:43	WG869121
Potassium	4.80	J	0.185	1.00	5.00	5	05/05/2016 19:17	WG869255
Selenium	0.00645	J	0.00190	0.00200	0.0100	5	05/05/2016 19:17	WG869255
Selenium,Dissolved	0.00607	J	0.00190	0.00200	0.0100	5	05/06/2016 23:43	WG869121
Sodium	152		0.550	1.00	5.00	5	05/05/2016 19:17	WG869255

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
TPH (GC/FID) Low Fraction	U		0.0314	0.100	0.100	1	05/05/2016 06:12	WG869041
(S) a,a,a-Trifluorotoluene(FID)	*102*				*62.0-128*		*05/05/2016 06:12*	WG869041

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

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Acetone	U		0.0100	0.0500	0.0500	1	05/02/2016 23:29	WG869310
Benzene	U		0.000331	0.00100	0.00100	1	05/02/2016 23:29	WG869310
Bromodichloromethane	U		0.000380	0.00100	0.00100	1	05/02/2016 23:29	WG869310
Bromoform	U		0.000469	0.00100	0.00100	1	05/02/2016 23:29	WG869310
Bromomethane	U		0.000866	0.00500	0.00500	1	05/02/2016 23:29	WG869310
n-Butylbenzene	U		0.000361	0.00100	0.00100	1	05/02/2016 23:29	WG869310
sec-Butylbenzene	U		0.000365	0.00100	0.00100	1	05/02/2016 23:29	WG869310
Carbon disulfide	U		0.000275	0.00100	0.00100	1	05/02/2016 23:29	WG869310
Carbon tetrachloride	U		0.000379	0.00100	0.00100	1	05/02/2016 23:29	WG869310

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

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Chlorobenzene	U		0.000348	0.00100	0.00100	1	05/02/2016 23:29	WG869310
Chlorodibromomethane	U		0.000327	0.00100	0.00100	1	05/02/2016 23:29	WG869310
Chloroethane	U		0.000453	0.00500	0.00500	1	05/02/2016 23:29	WG869310
Chloroform	U		0.000324	0.00500	0.00500	1	05/02/2016 23:29	WG869310
Chloromethane	U		0.000276	0.00250	0.00250	1	05/02/2016 23:29	WG869310
1,2-Dibromoethane	U		0.000381	0.00100	0.00100	1	05/02/2016 23:29	WG869310
1,1-Dichloroethane	U		0.000259	0.00100	0.00100	1	05/02/2016 23:29	WG869310
1,2-Dichloroethane	U		0.000361	0.00100	0.00100	1	05/02/2016 23:29	WG869310
1,1-Dichloroethene	U		0.000398	0.00100	0.00100	1	05/02/2016 23:29	WG869310
cis-1,2-Dichloroethene	U		0.000260	0.00100	0.00100	1	05/02/2016 23:29	WG869310
trans-1,2-Dichloroethene	U		0.000396	0.00100	0.00100	1	05/02/2016 23:29	WG869310
1,2-Dichloropropane	U		0.000306	0.00100	0.00100	1	05/02/2016 23:29	WG869310
cis-1,3-Dichloropropene	U		0.000418	0.00100	0.00100	1	05/02/2016 23:29	WG869310
trans-1,3-Dichloropropene	U		0.000419	0.00100	0.00100	1	05/02/2016 23:29	WG869310
Ethylbenzene	U		0.000384	0.00100	0.00100	1	05/02/2016 23:29	WG869310
Isopropylbenzene	U		0.000326	0.00100	0.00100	1	05/02/2016 23:29	WG869310
p-Isopropyltoluene	U		0.000350	0.00100	0.00100	1	05/02/2016 23:29	WG869310
2-Butanone (MEK)	U		0.00393	0.0100	0.0100	1	05/02/2016 23:29	WG869310
2-Hexanone	U		0.00382	0.0100	0.0100	1	05/02/2016 23:29	WG869310
Methylene Chloride	U		0.00100	0.00500	0.00500	1	05/02/2016 23:29	WG869310
4-Methyl-2-pentanone (MIBK)	U		0.00214	0.0100	0.0100	1	05/02/2016 23:29	WG869310
Methyl tert-butyl ether	U		0.000367	0.00100	0.00100	1	05/02/2016 23:29	WG869310
Naphthalene	U		0.00100	0.00500	0.00500	1	05/02/2016 23:29	WG869310
n-Propylbenzene	U		0.000349	0.00100	0.00100	1	05/02/2016 23:29	WG869310
Styrene	U		0.000307	0.00100	0.00100	1	05/02/2016 23:29	WG869310
1,1,1,2-Tetrachloroethane	U		0.000385	0.00100	0.00100	1	05/02/2016 23:29	WG869310
1,1,2,2-Tetrachloroethane	U		0.000130	0.00100	0.00100	1	05/02/2016 23:29	WG869310
Tetrachloroethene	U		0.000372	0.00100	0.00100	1	05/02/2016 23:29	WG869310
Toluene	U		0.000780	0.00500	0.00500	1	05/02/2016 23:29	WG869310
1,1,1-Trichloroethane	U		0.000319	0.00100	0.00100	1	05/02/2016 23:29	WG869310
1,1,2-Trichloroethane	U		0.000383	0.00100	0.00100	1	05/02/2016 23:29	WG869310
Trichloroethene	U		0.000398	0.00100	0.00100	1	05/02/2016 23:29	WG869310
1,2,4-Trimethylbenzene	U		0.000373	0.00100	0.00100	1	05/02/2016 23:29	WG869310
1,3,5-Trimethylbenzene	U		0.000387	0.00100	0.00100	1	05/02/2016 23:29	WG869310
Vinyl chloride	U		0.000259	0.00100	0.00100	1	05/02/2016 23:29	WG869310
o-Xylene	U		0.000341	0.00100	0.00100	1	05/02/2016 23:29	WG869310
m&p-Xylene	U		0.000719	0.00100	0.00100	1	05/02/2016 23:29	WG869310
Xylenes, Total	U		0.00106	0.00300	0.00300	1	05/02/2016 23:29	WG869310
(S) Toluene-d8	*103*				*90.0-115*		*05/02/2016 23:29*	WG869310
(S) Dibromofluoromethane	*102*				*79.0-121*		*05/02/2016 23:29*	WG869310
(S) 4-Bromofluorobenzene	*97.6*				*80.1-120*		*05/02/2016 23:29*	WG869310

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
TPH (GC/FID) High Fraction	0.0248	J	0.0247	0.100	0.100	1	05/04/2016 00:04	WG869248
(S) o-Terphenyl	*96.1*				*50.0-150*		*05/04/2016 00:04*	WG869248

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Dissolved Solids	3330		2.82	10.0	10.0	1	05/02/2016 14:22	WG869072

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Nitrate-Nitrite	0.518	J	0.197	0.100	1.00	10	05/09/2016 15:20	WG870487

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Chloride	191		2.60	1.00	50.0	50	05/02/2016 23:48	WG868800
Fluoride	2.50		0.00990	0.100	0.100	1	05/02/2016 23:32	WG868800
Sulfate	1900		3.87	5.00	250	50	05/12/2016 11:43	WG871463

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Arsenic	0.00315	J	0.00125	0.00200	0.0100	5	05/05/2016 19:20	WG869255
Arsenic,Dissolved	0.00338	J	0.00125	0.00200	0.0100	5	05/06/2016 23:46	WG869121
Barium	0.00645	J	0.00180	0.00500	0.0250	5	05/05/2016 19:20	WG869255
Barium,Dissolved	0.00748	J	0.00180	0.00500	0.0250	5	05/06/2016 23:46	WG869121
Calcium	595		0.230	1.00	5.00	5	05/05/2016 19:20	WG869255
Chromium	U		0.00270	0.00200	0.0100	5	05/05/2016 19:20	WG869255
Chromium,Dissolved	U		0.00270	0.00200	0.0100	5	05/06/2016 23:46	WG869121
Iron	U		0.0750	0.100	0.500	5	05/05/2016 19:20	WG869255
Iron,Dissolved	U		0.0750	0.100	0.500	5	05/06/2016 23:46	WG869121
Lead	U		0.00120	0.00200	0.0100	5	05/05/2016 19:20	WG869255
Lead,Dissolved	U		0.00120	0.00200	0.0100	5	05/06/2016 23:46	WG869121
Manganese	U		0.00125	0.00500	0.0250	5	05/05/2016 19:20	WG869255
Manganese,Dissolved	U		0.00125	0.00500	0.0250	5	05/06/2016 23:46	WG869121
Potassium	0.614	J	0.185	1.00	5.00	5	05/05/2016 19:20	WG869255
Selenium	0.00259	J	0.00190	0.00200	0.0100	5	05/05/2016 19:20	WG869255
Selenium,Dissolved	0.00271	J	0.00190	0.00200	0.0100	5	05/06/2016 23:46	WG869121
Sodium	101		0.550	1.00	5.00	5	05/05/2016 19:20	WG869255

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
TPH (GC/FID) Low Fraction	U		0.0314	0.100	0.100	1	05/05/2016 06:35	WG869041
(S) a,a,a-Trifluorotoluene(FID)	*102*				*62.0-128*		*05/05/2016 06:35*	WG869041

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

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Acetone	U		0.0100	0.0500	0.0500	1	05/02/2016 23:48	WG869310
Benzene	U		0.000331	0.00100	0.00100	1	05/02/2016 23:48	WG869310
Bromodichloromethane	U		0.000380	0.00100	0.00100	1	05/02/2016 23:48	WG869310
Bromoform	U		0.000469	0.00100	0.00100	1	05/02/2016 23:48	WG869310
Bromomethane	U		0.000866	0.00500	0.00500	1	05/02/2016 23:48	WG869310
n-Butylbenzene	U		0.000361	0.00100	0.00100	1	05/02/2016 23:48	WG869310
sec-Butylbenzene	U		0.000365	0.00100	0.00100	1	05/02/2016 23:48	WG869310
Carbon disulfide	U		0.000275	0.00100	0.00100	1	05/02/2016 23:48	WG869310
Carbon tetrachloride	U		0.000379	0.00100	0.00100	1	05/02/2016 23:48	WG869310

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

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Chlorobenzene	U		0.000348	0.00100	0.00100	1	05/02/2016 23:48	WG869310
Chlorodibromomethane	U		0.000327	0.00100	0.00100	1	05/02/2016 23:48	WG869310
Chloroethane	U		0.000453	0.00500	0.00500	1	05/02/2016 23:48	WG869310
Chloroform	U		0.000324	0.00500	0.00500	1	05/02/2016 23:48	WG869310
Chloromethane	U		0.000276	0.00250	0.00250	1	05/02/2016 23:48	WG869310
1,2-Dibromoethane	U		0.000381	0.00100	0.00100	1	05/02/2016 23:48	WG869310
1,1-Dichloroethane	U		0.000259	0.00100	0.00100	1	05/02/2016 23:48	WG869310
1,2-Dichloroethane	U		0.000361	0.00100	0.00100	1	05/02/2016 23:48	WG869310
1,1-Dichloroethene	U		0.000398	0.00100	0.00100	1	05/02/2016 23:48	WG869310
cis-1,2-Dichloroethene	U		0.000260	0.00100	0.00100	1	05/02/2016 23:48	WG869310
trans-1,2-Dichloroethene	U		0.000396	0.00100	0.00100	1	05/02/2016 23:48	WG869310
1,2-Dichloropropane	U		0.000306	0.00100	0.00100	1	05/02/2016 23:48	WG869310
cis-1,3-Dichloropropene	U		0.000418	0.00100	0.00100	1	05/02/2016 23:48	WG869310
trans-1,3-Dichloropropene	U		0.000419	0.00100	0.00100	1	05/02/2016 23:48	WG869310
Ethylbenzene	U		0.000384	0.00100	0.00100	1	05/02/2016 23:48	WG869310
Isopropylbenzene	U		0.000326	0.00100	0.00100	1	05/02/2016 23:48	WG869310
p-Isopropyltoluene	U		0.000350	0.00100	0.00100	1	05/02/2016 23:48	WG869310
2-Butanone (MEK)	U		0.00393	0.0100	0.0100	1	05/02/2016 23:48	WG869310
2-Hexanone	U		0.00382	0.0100	0.0100	1	05/02/2016 23:48	WG869310
Methylene Chloride	U		0.00100	0.00500	0.00500	1	05/02/2016 23:48	WG869310
4-Methyl-2-pentanone (MIBK)	U		0.00214	0.0100	0.0100	1	05/02/2016 23:48	WG869310
Methyl tert-butyl ether	U		0.000367	0.00100	0.00100	1	05/02/2016 23:48	WG869310
Naphthalene	U		0.00100	0.00500	0.00500	1	05/02/2016 23:48	WG869310
n-Propylbenzene	U		0.000349	0.00100	0.00100	1	05/02/2016 23:48	WG869310
Styrene	U		0.000307	0.00100	0.00100	1	05/02/2016 23:48	WG869310
1,1,1,2-Tetrachloroethane	U		0.000385	0.00100	0.00100	1	05/02/2016 23:48	WG869310
1,1,2,2-Tetrachloroethane	U		0.000130	0.00100	0.00100	1	05/02/2016 23:48	WG869310
Tetrachloroethene	U		0.000372	0.00100	0.00100	1	05/02/2016 23:48	WG869310
Toluene	U		0.000780	0.00500	0.00500	1	05/02/2016 23:48	WG869310
1,1,1-Trichloroethane	U		0.000319	0.00100	0.00100	1	05/02/2016 23:48	WG869310
1,1,2-Trichloroethane	U		0.000383	0.00100	0.00100	1	05/02/2016 23:48	WG869310
Trichloroethene	U		0.000398	0.00100	0.00100	1	05/02/2016 23:48	WG869310
1,2,4-Trimethylbenzene	U		0.000373	0.00100	0.00100	1	05/02/2016 23:48	WG869310
1,3,5-Trimethylbenzene	U		0.000387	0.00100	0.00100	1	05/02/2016 23:48	WG869310
Vinyl chloride	U		0.000259	0.00100	0.00100	1	05/02/2016 23:48	WG869310
o-Xylene	U		0.000341	0.00100	0.00100	1	05/02/2016 23:48	WG869310
m&p-Xylene	U		0.000719	0.00100	0.00100	1	05/02/2016 23:48	WG869310
Xylenes, Total	U		0.00106	0.00300	0.00300	1	05/02/2016 23:48	WG869310
(S) Toluene-d8	*102*				*90.0-115*		*05/02/2016 23:48*	WG869310
(S) Dibromofluoromethane	*102*				*79.0-121*		*05/02/2016 23:48*	WG869310
(S) 4-Bromofluorobenzene	*95.8*				*80.1-120*		*05/02/2016 23:48*	WG869310

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
TPH (GC/FID) High Fraction	U		0.0247	0.100	0.100	1	05/04/2016 00:20	WG869248
(S) o-Terphenyl	*100*				*50.0-150*		*05/04/2016 00:20*	WG869248

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	3660		2.82	10.0	10.0	1	05/03/2016 04:08	WG869081

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	11.0		0.0985	0.100	0.500	5	05/05/2016 00:02	WG869396

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Chloride	386		2.60	1.00	50.0	50	05/03/2016 00:04	WG868800
Fluoride	2.02		0.00990	0.100	0.100	1	05/03/2016 00:51	WG868800
Sulfate	2350		3.87	5.00	250	50	05/12/2016 11:58	WG871463

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00654	J	0.00125	0.00200	0.0100	5	05/05/2016 19:23	WG869255
Arsenic,Dissolved	0.00424	J	0.00125	0.00200	0.0100	5	05/06/2016 23:48	WG869121
Barium	0.0344		0.00180	0.00500	0.0250	5	05/05/2016 19:23	WG869255
Barium,Dissolved	0.0144	J	0.00180	0.00500	0.0250	5	05/06/2016 23:48	WG869121
Calcium	593		0.230	1.00	5.00	5	05/05/2016 19:23	WG869255
Chromium	0.00322	J	0.00270	0.00200	0.0100	5	05/05/2016 19:23	WG869255
Chromium,Dissolved	U		0.00270	0.00200	0.0100	5	05/06/2016 23:48	WG869121
Iron	0.881		0.0750	0.100	0.500	5	05/05/2016 19:23	WG869255
Iron,Dissolved	U		0.0750	0.100	0.500	5	05/06/2016 23:48	WG869121
Lead	0.00266	J	0.00120	0.00200	0.0100	5	05/05/2016 19:23	WG869255
Lead,Dissolved	U		0.00120	0.00200	0.0100	5	05/06/2016 23:48	WG869121
Manganese	0.378		0.00125	0.00500	0.0250	5	05/05/2016 19:23	WG869255
Manganese,Dissolved	0.388		0.00125	0.00500	0.0250	5	05/06/2016 23:48	WG869121
Potassium	1.59	J	0.185	1.00	5.00	5	05/05/2016 19:23	WG869255
Selenium	0.0131		0.00190	0.00200	0.0100	5	05/05/2016 19:23	WG869255
Selenium,Dissolved	0.0116		0.00190	0.00200	0.0100	5	05/06/2016 23:48	WG869121
Sodium	368		0.550	1.00	5.00	5	05/05/2016 19:23	WG869255

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	0.100	1	05/05/2016 06:58	WG869041
(S) a,a,a-Trifluorotoluene(FID)	*102*				*62.0-128*		*05/05/2016 06:58*	WG869041

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

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0100	0.0500	0.0500	1	05/03/2016 00:07	WG869310
Benzene	U		0.000331	0.00100	0.00100	1	05/03/2016 00:07	WG869310
Bromodichloromethane	U		0.000380	0.00100	0.00100	1	05/03/2016 00:07	WG869310
Bromoform	U		0.000469	0.00100	0.00100	1	05/03/2016 00:07	WG869310
Bromomethane	U		0.000866	0.00500	0.00500	1	05/03/2016 00:07	WG869310
n-Butylbenzene	U		0.000361	0.00100	0.00100	1	05/03/2016 00:07	WG869310
sec-Butylbenzene	U		0.000365	0.00100	0.00100	1	05/03/2016 00:07	WG869310
Carbon disulfide	U		0.000275	0.00100	0.00100	1	05/03/2016 00:07	WG869310
Carbon tetrachloride	U		0.000379	0.00100	0.00100	1	05/03/2016 00:07	WG869310

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

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Chlorobenzene	U		0.000348	0.00100	0.00100	1	05/03/2016 00:07	WG869310
Chlorodibromomethane	U		0.000327	0.00100	0.00100	1	05/03/2016 00:07	WG869310
Chloroethane	U		0.000453	0.00500	0.00500	1	05/03/2016 00:07	WG869310
Chloroform	U		0.000324	0.00500	0.00500	1	05/03/2016 00:07	WG869310
Chloromethane	U		0.000276	0.00250	0.00250	1	05/03/2016 00:07	WG869310
1,2-Dibromoethane	U		0.000381	0.00100	0.00100	1	05/03/2016 00:07	WG869310
1,1-Dichloroethane	U		0.000259	0.00100	0.00100	1	05/03/2016 00:07	WG869310
1,2-Dichloroethane	U		0.000361	0.00100	0.00100	1	05/03/2016 00:07	WG869310
1,1-Dichloroethene	U		0.000398	0.00100	0.00100	1	05/03/2016 00:07	WG869310
cis-1,2-Dichloroethene	U		0.000260	0.00100	0.00100	1	05/03/2016 00:07	WG869310
trans-1,2-Dichloroethene	U		0.000396	0.00100	0.00100	1	05/03/2016 00:07	WG869310
1,2-Dichloropropane	U		0.000306	0.00100	0.00100	1	05/03/2016 00:07	WG869310
cis-1,3-Dichloropropene	U		0.000418	0.00100	0.00100	1	05/03/2016 00:07	WG869310
trans-1,3-Dichloropropene	U		0.000419	0.00100	0.00100	1	05/03/2016 00:07	WG869310
Ethylbenzene	U		0.000384	0.00100	0.00100	1	05/03/2016 00:07	WG869310
Isopropylbenzene	U		0.000326	0.00100	0.00100	1	05/03/2016 00:07	WG869310
p-Isopropyltoluene	U		0.000350	0.00100	0.00100	1	05/03/2016 00:07	WG869310
2-Butanone (MEK)	U		0.00393	0.0100	0.0100	1	05/03/2016 00:07	WG869310
2-Hexanone	U		0.00382	0.0100	0.0100	1	05/03/2016 00:07	WG869310
Methylene Chloride	U		0.00100	0.00500	0.00500	1	05/03/2016 00:07	WG869310
4-Methyl-2-pentanone (MIBK)	U		0.00214	0.0100	0.0100	1	05/03/2016 00:07	WG869310
Methyl tert-butyl ether	U		0.000367	0.00100	0.00100	1	05/03/2016 00:07	WG869310
Naphthalene	U		0.00100	0.00500	0.00500	1	05/03/2016 00:07	WG869310
n-Propylbenzene	U		0.000349	0.00100	0.00100	1	05/03/2016 00:07	WG869310
Styrene	U		0.000307	0.00100	0.00100	1	05/03/2016 00:07	WG869310
1,1,1,2-Tetrachloroethane	U		0.000385	0.00100	0.00100	1	05/03/2016 00:07	WG869310
1,1,2,2-Tetrachloroethane	U		0.000130	0.00100	0.00100	1	05/03/2016 00:07	WG869310
Tetrachloroethene	U		0.000372	0.00100	0.00100	1	05/03/2016 00:07	WG869310
Toluene	U		0.000780	0.00500	0.00500	1	05/03/2016 00:07	WG869310
1,1,1-Trichloroethane	U		0.000319	0.00100	0.00100	1	05/03/2016 00:07	WG869310
1,1,2-Trichloroethane	U		0.000383	0.00100	0.00100	1	05/03/2016 00:07	WG869310
Trichloroethene	U		0.000398	0.00100	0.00100	1	05/03/2016 00:07	WG869310
1,2,4-Trimethylbenzene	U		0.000373	0.00100	0.00100	1	05/03/2016 00:07	WG869310
1,3,5-Trimethylbenzene	U		0.000387	0.00100	0.00100	1	05/03/2016 00:07	WG869310
Vinyl chloride	U		0.000259	0.00100	0.00100	1	05/03/2016 00:07	WG869310
o-Xylene	U		0.000341	0.00100	0.00100	1	05/03/2016 00:07	WG869310
m&p-Xylene	U		0.000719	0.00100	0.00100	1	05/03/2016 00:07	WG869310
Xylenes, Total	U		0.00106	0.00300	0.00300	1	05/03/2016 00:07	WG869310
(S) Toluene-d8	*103*				*90.0-115*		*05/03/2016 00:07*	WG869310
(S) Dibromofluoromethane	*102*				*79.0-121*		*05/03/2016 00:07*	WG869310
(S) 4-Bromofluorobenzene	*96.7*				*80.1-120*		*05/03/2016 00:07*	WG869310

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
TPH (GC/FID) High Fraction	0.198		0.0247	0.100	0.100	1	05/04/2016 00:36	WG869248
(S) o-Terphenyl	*97.1*				*50.0-150*		*05/04/2016 00:36*	WG869248

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Dissolved Solids	2130		2.82	10.0	10.0	1	05/03/2016 04:08	WG869081

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Nitrate-Nitrite	0.0640	J	0.0197	0.100	0.100	1	05/05/2016 00:03	WG869396

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Chloride	402		2.60	1.00	50.0	50	05/03/2016 01:23	WG868800
Fluoride	1.33		0.00990	0.100	0.100	1	05/03/2016 01:07	WG868800
Sulfate	355		1.55	5.00	100	20	05/10/2016 01:59	WG869673

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Arsenic	0.0131		0.00125	0.00200	0.0100	5	05/05/2016 19:25	WG869255
Arsenic,Dissolved	0.0137		0.00125	0.00200	0.0100	5	05/06/2016 23:51	WG869121
Barium	0.0926		0.00180	0.00500	0.0250	5	05/05/2016 19:25	WG869255
Barium,Dissolved	0.0935		0.00180	0.00500	0.0250	5	05/06/2016 23:51	WG869121
Calcium	248		0.230	1.00	5.00	5	05/05/2016 19:25	WG869255
Chromium	U		0.00270	0.00200	0.0100	5	05/05/2016 19:25	WG869255
Chromium,Dissolved	U		0.00270	0.00200	0.0100	5	05/06/2016 23:51	WG869121
Iron	6.67		0.0750	0.100	0.500	5	05/05/2016 19:25	WG869255
Iron,Dissolved	6.54		0.0750	0.100	0.500	5	05/06/2016 23:51	WG869121
Lead	U		0.00120	0.00200	0.0100	5	05/05/2016 19:25	WG869255
Lead,Dissolved	U		0.00120	0.00200	0.0100	5	05/06/2016 23:51	WG869121
Manganese	1.66		0.00125	0.00500	0.0250	5	05/05/2016 19:25	WG869255
Manganese,Dissolved	1.68		0.00125	0.00500	0.0250	5	05/06/2016 23:51	WG869121
Potassium	U		0.185	1.00	5.00	5	05/05/2016 19:25	WG869255
Selenium	U		0.00190	0.00200	0.0100	5	05/05/2016 19:25	WG869255
Selenium,Dissolved	U		0.00190	0.00200	0.0100	5	05/06/2016 23:51	WG869121
Sodium	229		0.550	1.00	5.00	5	05/05/2016 19:25	WG869255

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
TPH (GC/FID) Low Fraction	1.31		0.0314	0.100	0.100	1	05/05/2016 07:21	WG869041
(S) a,a,a-Trifluorotoluene(FID)	*102*				*62.0-128*		*05/05/2016 07:21*	WG869041

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

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Acetone	U		0.0100	0.0500	0.0500	1	05/03/2016 08:34	WG868976
Benzene	0.0299		0.000331	0.00100	0.00100	1	05/03/2016 08:34	WG868976
Bromodichloromethane	U		0.000380	0.00100	0.00100	1	05/03/2016 08:34	WG868976
Bromoform	U		0.000469	0.00100	0.00100	1	05/03/2016 08:34	WG868976
Bromomethane	U		0.000866	0.00500	0.00500	1	05/03/2016 08:34	WG868976
n-Butylbenzene	U		0.000361	0.00100	0.00100	1	05/03/2016 08:34	WG868976
sec-Butylbenzene	U		0.000365	0.00100	0.00100	1	05/03/2016 08:34	WG868976
Carbon disulfide	U		0.000275	0.00100	0.00100	1	05/03/2016 08:34	WG868976
Carbon tetrachloride	U		0.000379	0.00100	0.00100	1	05/03/2016 08:34	WG868976

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

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Chlorobenzene	U		0.000348	0.00100	0.00100	1	05/03/2016 08:34	WG868976
Chlorodibromomethane	U		0.000327	0.00100	0.00100	1	05/03/2016 08:34	WG868976
Chloroethane	U		0.000453	0.00500	0.00500	1	05/03/2016 08:34	WG868976
Chloroform	U		0.000324	0.00500	0.00500	1	05/03/2016 08:34	WG868976
Chloromethane	U		0.000276	0.00250	0.00250	1	05/03/2016 08:34	WG868976
1,2-Dibromoethane	U		0.000381	0.00100	0.00100	1	05/03/2016 08:34	WG868976
1,1-Dichloroethane	U		0.000259	0.00100	0.00100	1	05/03/2016 08:34	WG868976
1,2-Dichloroethane	0.000539	J	0.000361	0.00100	0.00100	1	05/03/2016 08:34	WG868976
1,1-Dichloroethene	U		0.000398	0.00100	0.00100	1	05/03/2016 08:34	WG868976
cis-1,2-Dichloroethene	U		0.000260	0.00100	0.00100	1	05/03/2016 08:34	WG868976
trans-1,2-Dichloroethene	U		0.000396	0.00100	0.00100	1	05/03/2016 08:34	WG868976
1,2-Dichloropropane	U		0.000306	0.00100	0.00100	1	05/03/2016 08:34	WG868976
cis-1,3-Dichloropropene	U		0.000418	0.00100	0.00100	1	05/03/2016 08:34	WG868976
trans-1,3-Dichloropropene	U		0.000419	0.00100	0.00100	1	05/03/2016 08:34	WG868976
Ethylbenzene	0.00122		0.000384	0.00100	0.00100	1	05/03/2016 08:34	WG868976
Isopropylbenzene	0.000887	J	0.000326	0.00100	0.00100	1	05/03/2016 08:34	WG868976
p-Isopropyltoluene	U		0.000350	0.00100	0.00100	1	05/03/2016 08:34	WG868976
2-Butanone (MEK)	U		0.00393	0.0100	0.0100	1	05/03/2016 08:34	WG868976
2-Hexanone	U		0.00382	0.0100	0.0100	1	05/03/2016 08:34	WG868976
Methylene Chloride	U		0.00100	0.00500	0.00500	1	05/03/2016 08:34	WG868976
4-Methyl-2-pentanone (MIBK)	U		0.00214	0.0100	0.0100	1	05/03/2016 08:34	WG868976
Methyl tert-butyl ether	1.54		0.00918	0.00100	0.0250	25	05/05/2016 14:04	WG869987
Naphthalene	U		0.00100	0.00500	0.00500	1	05/03/2016 08:34	WG868976
n-Propylbenzene	0.000690	J	0.000349	0.00100	0.00100	1	05/03/2016 08:34	WG868976
Styrene	U		0.000307	0.00100	0.00100	1	05/03/2016 08:34	WG868976
1,1,1,2-Tetrachloroethane	U		0.000385	0.00100	0.00100	1	05/03/2016 08:34	WG868976
1,1,2,2-Tetrachloroethane	U		0.000130	0.00100	0.00100	1	05/03/2016 08:34	WG868976
Tetrachloroethene	U		0.000372	0.00100	0.00100	1	05/03/2016 08:34	WG868976
Toluene	U		0.000780	0.00500	0.00500	1	05/03/2016 08:34	WG868976
1,1,1-Trichloroethane	U		0.000319	0.00100	0.00100	1	05/03/2016 08:34	WG868976
1,1,2-Trichloroethane	U		0.000383	0.00100	0.00100	1	05/03/2016 08:34	WG868976
Trichloroethene	U		0.000398	0.00100	0.00100	1	05/03/2016 08:34	WG868976
1,2,4-Trimethylbenzene	0.00212		0.000373	0.00100	0.00100	1	05/03/2016 08:34	WG868976
1,3,5-Trimethylbenzene	U		0.000387	0.00100	0.00100	1	05/03/2016 08:34	WG868976
Vinyl chloride	U		0.000259	0.00100	0.00100	1	05/03/2016 08:34	WG868976
o-Xylene	U		0.000341	0.00100	0.00100	1	05/03/2016 08:34	WG868976
m&p-Xylene	U		0.000719	0.00100	0.00100	1	05/03/2016 08:34	WG868976
Xylenes, Total	U		0.00106	0.00300	0.00300	1	05/03/2016 08:34	WG868976
(S) Toluene-d8	*102*				*90.0-115*		*05/03/2016 08:34*	WG868976
(S) Toluene-d8	*109*				*90.0-115*		*05/05/2016 14:04*	WG869987
(S) Dibromofluoromethane	*103*				*79.0-121*		*05/05/2016 14:04*	WG869987
(S) Dibromofluoromethane	*102*				*79.0-121*		*05/03/2016 08:34*	WG868976
(S) 4-Bromofluorobenzene	*96.7*				*80.1-120*		*05/03/2016 08:34*	WG868976
(S) 4-Bromofluorobenzene	*99.3*				*80.1-120*		*05/05/2016 14:04*	WG869987

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	2.04		0.0247	0.100	0.100	1	05/04/2016 00:53	WG869248
(S) o-Terphenyl	*100*				*50.0-150*		*05/04/2016 00:53*	WG869248

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Dissolved Solids	1760		2.82	10.0	10.0	1	05/03/2016 04:08	WG869081

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Nitrate-Nitrite	0.0400	J	0.0197	0.100	0.100	1	05/05/2016 00:05	WG869396

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Chloride	5800		5.19	1.00	100	100	05/03/2016 21:38	WG869278
Fluoride	0.392		0.00990	0.100	0.100	1	05/03/2016 21:54	WG869278
Sulfate	235	J	7.74	5.00	500	100	05/03/2016 21:38	WG869278

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Arsenic	0.0252		0.00125	0.00200	0.0100	5	05/05/2016 19:28	WG869255
Arsenic,Dissolved	0.0237		0.00125	0.00200	0.0100	5	05/06/2016 23:54	WG869121
Barium	3.63		0.00180	0.00500	0.0250	5	05/05/2016 19:28	WG869255
Barium,Dissolved	3.61		0.00180	0.00500	0.0250	5	05/06/2016 23:54	WG869121
Calcium	252		0.230	1.00	5.00	5	05/05/2016 19:28	WG869255
Chromium	U		0.00270	0.00200	0.0100	5	05/05/2016 19:28	WG869255
Chromium,Dissolved	U		0.00270	0.00200	0.0100	5	05/06/2016 23:54	WG869121
Iron	4.28		0.0750	0.100	0.500	5	05/05/2016 19:28	WG869255
Iron,Dissolved	4.22		0.0750	0.100	0.500	5	05/06/2016 23:54	WG869121
Lead	U		0.00120	0.00200	0.0100	5	05/05/2016 19:28	WG869255
Lead,Dissolved	U		0.00120	0.00200	0.0100	5	05/06/2016 23:54	WG869121
Manganese	1.82		0.00125	0.00500	0.0250	5	05/05/2016 19:28	WG869255
Manganese,Dissolved	1.85		0.00125	0.00500	0.0250	5	05/06/2016 23:54	WG869121
Potassium	1.66	J	0.185	1.00	5.00	5	05/05/2016 19:28	WG869255
Selenium	U		0.00190	0.00200	0.0100	5	05/05/2016 19:28	WG869255
Selenium,Dissolved	U		0.00190	0.00200	0.0100	5	05/06/2016 23:54	WG869121
Sodium	222		0.550	1.00	5.00	5	05/05/2016 19:28	WG869255

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

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Acetone	U		0.0100	0.0500	0.0500	1	05/03/2016 09:51	WG868976
Benzene	0.688		0.0331	0.00100	0.100	100	05/05/2016 14:25	WG869987
Bromodichloromethane	U		0.000380	0.00100	0.00100	1	05/03/2016 09:51	WG868976
Bromoform	U		0.000469	0.00100	0.00100	1	05/03/2016 09:51	WG868976
Bromomethane	U		0.000866	0.00500	0.00500	1	05/03/2016 09:51	WG868976
n-Butylbenzene	0.00148		0.000361	0.00100	0.00100	1	05/03/2016 09:51	WG868976
sec-Butylbenzene	0.00242		0.000365	0.00100	0.00100	1	05/03/2016 09:51	WG868976
Carbon disulfide	U		0.000275	0.00100	0.00100	1	05/03/2016 09:51	WG868976
Carbon tetrachloride	U		0.000379	0.00100	0.00100	1	05/03/2016 09:51	WG868976
Chlorobenzene	U		0.000348	0.00100	0.00100	1	05/03/2016 09:51	WG868976
Chlorodibromomethane	U		0.000327	0.00100	0.00100	1	05/03/2016 09:51	WG868976
Chloroethane	U		0.000453	0.00500	0.00500	1	05/03/2016 09:51	WG868976
Chloroform	U		0.000324	0.00500	0.00500	1	05/03/2016 09:51	WG868976
Chloromethane	U		0.000276	0.00250	0.00250	1	05/03/2016 09:51	WG868976
1,2-Dibromoethane	U		0.000381	0.00100	0.00100	1	05/03/2016 09:51	WG868976
1,1-Dichloroethane	U		0.000259	0.00100	0.00100	1	05/03/2016 09:51	WG868976

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

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.000361	0.00100	0.00100	1	05/03/2016 09:51	WG868976
1,1-Dichloroethene	U		0.000398	0.00100	0.00100	1	05/03/2016 09:51	WG868976
cis-1,2-Dichloroethene	U		0.000260	0.00100	0.00100	1	05/03/2016 09:51	WG868976
trans-1,2-Dichloroethene	U		0.000396	0.00100	0.00100	1	05/03/2016 09:51	WG868976
1,2-Dichloropropane	U		0.000306	0.00100	0.00100	1	05/03/2016 09:51	WG868976
cis-1,3-Dichloropropene	U		0.000418	0.00100	0.00100	1	05/03/2016 09:51	WG868976
trans-1,3-Dichloropropene	U		0.000419	0.00100	0.00100	1	05/03/2016 09:51	WG868976
Ethylbenzene	0.00678		0.000384	0.00100	0.00100	1	05/03/2016 09:51	WG868976
Isopropylbenzene	0.0105		0.000326	0.00100	0.00100	1	05/03/2016 09:51	WG868976
p-Isopropyltoluene	U		0.000350	0.00100	0.00100	1	05/03/2016 09:51	WG868976
2-Butanone (MEK)	U		0.00393	0.0100	0.0100	1	05/03/2016 09:51	WG868976
2-Hexanone	U		0.00382	0.0100	0.0100	1	05/03/2016 09:51	WG868976
Methylene Chloride	U		0.00100	0.00500	0.00500	1	05/03/2016 09:51	WG868976
4-Methyl-2-pentanone (MIBK)	U		0.00214	0.0100	0.0100	1	05/03/2016 09:51	WG868976
Methyl tert-butyl ether	12.6		0.0367	0.00100	0.100	100	05/05/2016 14:25	WG869987
Naphthalene	0.0114		0.00100	0.00500	0.00500	1	05/03/2016 09:51	WG868976
n-Propylbenzene	0.0181		0.000349	0.00100	0.00100	1	05/03/2016 09:51	WG868976
Styrene	U		0.000307	0.00100	0.00100	1	05/03/2016 09:51	WG868976
1,1,1,2-Tetrachloroethane	U		0.000385	0.00100	0.00100	1	05/03/2016 09:51	WG868976
1,1,2,2-Tetrachloroethane	U		0.000130	0.00100	0.00100	1	05/03/2016 09:51	WG868976
Tetrachloroethene	U		0.000372	0.00100	0.00100	1	05/03/2016 09:51	WG868976
Toluene	0.00412	J	0.000780	0.00500	0.00500	1	05/03/2016 09:51	WG868976
1,1,1-Trichloroethane	U		0.000319	0.00100	0.00100	1	05/03/2016 09:51	WG868976
1,1,2-Trichloroethane	U		0.000383	0.00100	0.00100	1	05/03/2016 09:51	WG868976
Trichloroethene	U		0.000398	0.00100	0.00100	1	05/03/2016 09:51	WG868976
1,2,4-Trimethylbenzene	0.00535		0.000373	0.00100	0.00100	1	05/03/2016 09:51	WG868976
1,3,5-Trimethylbenzene	0.000901	J	0.000387	0.00100	0.00100	1	05/03/2016 09:51	WG868976
Vinyl chloride	U		0.000259	0.00100	0.00100	1	05/03/2016 09:51	WG868976
o-Xylene	0.00349		0.000341	0.00100	0.00100	1	05/03/2016 09:51	WG868976
m&p-Xylene	0.0123		0.000719	0.00100	0.00100	1	05/03/2016 09:51	WG868976
Xylenes, Total	0.0158		0.00106	0.00300	0.00300	1	05/03/2016 09:51	WG868976
(S) Toluene-d8	*100*				*90.0-115*		*05/03/2016 09:51*	WG868976
(S) Toluene-d8	*109*				*90.0-115*		*05/05/2016 14:25*	WG869987
(S) Dibromofluoromethane	*101*				*79.0-121*		*05/05/2016 14:25*	WG869987
(S) Dibromofluoromethane	*96.8*				*79.0-121*		*05/03/2016 09:51*	WG868976
(S) 4-Bromofluorobenzene	*98.0*				*80.1-120*		*05/03/2016 09:51*	WG868976
(S) 4-Bromofluorobenzene	*99.0*				*80.1-120*		*05/05/2016 14:25*	WG869987

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	2.36		0.0247	0.100	0.100	1	05/04/2016 01:09	WG869248
(S) o-Terphenyl	*99.9*				*50.0-150*		*05/04/2016 01:09*	WG869248

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Dissolved Solids	3670		2.82	10.0	10.0	1	05/03/2016 04:08	WG869081

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Nitrate-Nitrite	6.18		0.0197	0.100	0.100	1	05/05/2016 00:06	WG869396

Wet Chemistry by Method 9012B

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Cyanide	U		0.00180	0.00500	0.00500	1	05/05/2016 20:08	WG869361

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Chloride	539		0.519	1.00	10.0	10	05/03/2016 22:09	WG869278
Fluoride	0.879		0.00990	0.100	0.100	1	05/03/2016 22:24	WG869278
Sulfate	2360		3.87	5.00	250	50	05/10/2016 17:57	WG870882

Mercury by Method 7470A

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Mercury	U		0.0000490	0.000200	0.000200	1	05/02/2016 12:23	WG868783
Mercury,Dissolved	U		0.0000490	0.000200	0.000200	1	05/03/2016 12:44	WG869161

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Arsenic	0.00162	J	0.00125	0.00200	0.0100	5	05/05/2016 19:31	WG869255
Arsenic,Dissolved	0.00191	J	0.00125	0.00200	0.0100	5	05/06/2016 23:56	WG869121
Barium	0.0164	J	0.00180	0.00500	0.0250	5	05/05/2016 19:31	WG869255
Barium,Dissolved	0.0184	J	0.00180	0.00500	0.0250	5	05/06/2016 23:56	WG869121
Boron	0.695		0.0150	0.0200	0.200	10	05/09/2016 14:33	WG869255
Boron,Dissolved	0.621		0.0150	0.0200	0.200	10	05/11/2016 11:26	WG869245
Cadmium	U		0.000800	0.00100	0.00500	5	05/05/2016 19:31	WG869255
Cadmium,Dissolved	U		0.000800	0.00100	0.00500	5	05/06/2016 23:56	WG869121
Calcium	579		0.230	1.00	5.00	5	05/05/2016 19:31	WG869255
Chromium	U		0.00270	0.00200	0.0100	5	05/05/2016 19:31	WG869255
Chromium,Dissolved	U		0.00270	0.00200	0.0100	5	05/06/2016 23:56	WG869121
Cobalt	U		0.00130	0.00200	0.0100	5	05/05/2016 19:31	WG869255
Cobalt,Dissolved	U		0.00130	0.00200	0.0100	5	05/05/2016 21:09	WG869245
Iron	U		0.0750	0.100	0.500	5	05/05/2016 19:31	WG869255
Iron,Dissolved	U		0.0750	0.100	0.500	5	05/06/2016 23:56	WG869121
Lead	U		0.00120	0.00200	0.0100	5	05/05/2016 19:31	WG869255
Lead,Dissolved	U		0.00120	0.00200	0.0100	5	05/06/2016 23:56	WG869121
Manganese	U		0.00125	0.00500	0.0250	5	05/05/2016 19:31	WG869255
Manganese,Dissolved	U		0.00125	0.00500	0.0250	5	05/06/2016 23:56	WG869121
Nickel	U		0.00175	0.00200	0.0100	5	05/05/2016 19:31	WG869255
Nickel,Dissolved	U		0.00175	0.00200	0.0100	5	05/06/2016 23:56	WG869121
Potassium	0.811	J	0.185	1.00	5.00	5	05/05/2016 19:31	WG869255
Selenium	0.00370	J	0.00190	0.00200	0.0100	5	05/05/2016 19:31	WG869255
Selenium,Dissolved	0.00383	J	0.00190	0.00200	0.0100	5	05/06/2016 23:56	WG869121
Sodium	155		0.550	1.00	5.00	5	05/05/2016 19:31	WG869255

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Uranium	0.0311	J	0.00165	0.0100	0.0500	5	05/05/2016 19:31	WG869255
Uranium,Dissolved	0.0337	J	0.00165	0.0100	0.0500	5	05/05/2016 21:09	WG869245
Vanadium	0.0132	J	0.000900	0.00500	0.0250	5	05/05/2016 19:31	WG869255
Vanadium,Dissolved	0.0143	J	0.000900	0.00500	0.0250	5	05/06/2016 23:56	WG869121

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
TPH (GC/FID) Low Fraction	U		0.0314	0.100	0.100	1	05/05/2016 07:44	WG869041
(S) a,a,a-Trifluorotoluene(FID)	*102*				*62.0-128*		*05/05/2016 07:44*	WG869041

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

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Acetone	U		0.0100	0.0500	0.0500	1	05/03/2016 10:10	WG868976
Benzene	U		0.000331	0.00100	0.00100	1	05/03/2016 10:10	WG868976
Bromodichloromethane	U		0.000380	0.00100	0.00100	1	05/03/2016 10:10	WG868976
Bromoform	U		0.000469	0.00100	0.00100	1	05/03/2016 10:10	WG868976
Bromomethane	U		0.000866	0.00500	0.00500	1	05/03/2016 10:10	WG868976
n-Butylbenzene	U		0.000361	0.00100	0.00100	1	05/03/2016 10:10	WG868976
sec-Butylbenzene	U		0.000365	0.00100	0.00100	1	05/03/2016 10:10	WG868976
Carbon disulfide	U		0.000275	0.00100	0.00100	1	05/03/2016 10:10	WG868976
Carbon tetrachloride	U		0.000379	0.00100	0.00100	1	05/03/2016 10:10	WG868976
Chlorobenzene	U		0.000348	0.00100	0.00100	1	05/03/2016 10:10	WG868976
Chlorodibromomethane	U		0.000327	0.00100	0.00100	1	05/03/2016 10:10	WG868976
Chloroethane	U		0.000453	0.00500	0.00500	1	05/03/2016 10:10	WG868976
Chloroform	U		0.000324	0.00500	0.00500	1	05/03/2016 10:10	WG868976
Chloromethane	U		0.000276	0.00250	0.00250	1	05/03/2016 10:10	WG868976
1,2-Dibromoethane	U		0.000381	0.00100	0.00100	1	05/03/2016 10:10	WG868976
1,1-Dichloroethane	U		0.000259	0.00100	0.00100	1	05/03/2016 10:10	WG868976
1,2-Dichloroethane	U		0.000361	0.00100	0.00100	1	05/03/2016 10:10	WG868976
1,1-Dichloroethene	U		0.000398	0.00100	0.00100	1	05/03/2016 10:10	WG868976
cis-1,2-Dichloroethene	U		0.000260	0.00100	0.00100	1	05/03/2016 10:10	WG868976
trans-1,2-Dichloroethene	U		0.000396	0.00100	0.00100	1	05/03/2016 10:10	WG868976
1,2-Dichloropropane	U		0.000306	0.00100	0.00100	1	05/03/2016 10:10	WG868976
cis-1,3-Dichloropropene	U		0.000418	0.00100	0.00100	1	05/03/2016 10:10	WG868976
trans-1,3-Dichloropropene	U		0.000419	0.00100	0.00100	1	05/03/2016 10:10	WG868976
Ethylbenzene	U		0.000384	0.00100	0.00100	1	05/03/2016 10:10	WG868976
Isopropylbenzene	U		0.000326	0.00100	0.00100	1	05/03/2016 10:10	WG868976
p-Isopropyltoluene	U		0.000350	0.00100	0.00100	1	05/03/2016 10:10	WG868976
2-Butanone (MEK)	U		0.00393	0.0100	0.0100	1	05/03/2016 10:10	WG868976
2-Hexanone	U		0.00382	0.0100	0.0100	1	05/03/2016 10:10	WG868976
Methylene Chloride	U		0.00100	0.00500	0.00500	1	05/03/2016 10:10	WG868976
4-Methyl-2-pentanone (MIBK)	U		0.00214	0.0100	0.0100	1	05/03/2016 10:10	WG868976
Methyl tert-butyl ether	U		0.000367	0.00100	0.00100	1	05/05/2016 14:47	WG869987
Naphthalene	U		0.00100	0.00500	0.00500	1	05/03/2016 10:10	WG868976
n-Propylbenzene	U		0.000349	0.00100	0.00100	1	05/03/2016 10:10	WG868976
Styrene	U		0.000307	0.00100	0.00100	1	05/03/2016 10:10	WG868976
1,1,1,2-Tetrachloroethane	U		0.000385	0.00100	0.00100	1	05/03/2016 10:10	WG868976
1,1,2,2-Tetrachloroethane	U		0.000130	0.00100	0.00100	1	05/03/2016 10:10	WG868976
Tetrachloroethene	U		0.000372	0.00100	0.00100	1	05/03/2016 10:10	WG868976
Toluene	U		0.000780	0.00500	0.00500	1	05/03/2016 10:10	WG868976
1,1,1-Trichloroethane	U		0.000319	0.00100	0.00100	1	05/03/2016 10:10	WG868976
1,1,2-Trichloroethane	U		0.000383	0.00100	0.00100	1	05/03/2016 10:10	WG868976
Trichloroethene	U		0.000398	0.00100	0.00100	1	05/03/2016 10:10	WG868976

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

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
1,2,4-Trimethylbenzene	U		0.000373	0.00100	0.00100	1	05/03/2016 10:10	WG868976
1,3,5-Trimethylbenzene	U		0.000387	0.00100	0.00100	1	05/03/2016 10:10	WG868976
Vinyl chloride	U		0.000259	0.00100	0.00100	1	05/03/2016 10:10	WG868976
o-Xylene	U		0.000341	0.00100	0.00100	1	05/03/2016 10:10	WG868976
m&p-Xylene	U		0.000719	0.00100	0.00100	1	05/03/2016 10:10	WG868976
Xylenes, Total	U		0.00106	0.00300	0.00300	1	05/03/2016 10:10	WG868976
(S) Toluene-d8	*103*				*90.0-115*		*05/03/2016 10:10*	WG868976
(S) Toluene-d8	*109*				*90.0-115*		*05/05/2016 14:47*	WG869987
(S) Dibromofluoromethane	*103*				*79.0-121*		*05/05/2016 14:47*	WG869987
(S) Dibromofluoromethane	*101*				*79.0-121*		*05/03/2016 10:10*	WG868976
(S) 4-Bromofluorobenzene	*96.1*				*80.1-120*		*05/03/2016 10:10*	WG868976
(S) 4-Bromofluorobenzene	*96.6*				*80.1-120*		*05/05/2016 14:47*	WG869987

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.0377	J	0.0247	0.100	0.100	1	05/04/2016 01:25	WG869248
(S) o-Terphenyl	*99.4*				*50.0-150*		*05/04/2016 01:25*	WG869248

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Dissolved Solids	3600		2.82	10.0	10.0	1	05/03/2016 04:08	WG869081

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Nitrate-Nitrite	6.42		0.0197	0.100	0.100	1	05/05/2016 00:07	WG869396

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Chloride	121		0.519	1.00	10.0	10	05/03/2016 22:55	WG869278
Fluoride	0.438		0.00990	0.100	0.100	1	05/03/2016 22:40	WG869278
Sulfate	2520		3.87	5.00	250	50	05/16/2016 10:03	WG871015

Wet Chemistry by Method D 7511-09e2

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Cyanide	U		0.00120	0.00500	0.00500	1	05/10/2016 21:06	WG871518

Mercury by Method 7470A

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Mercury	U		0.0000490	0.000200	0.000200	1	05/02/2016 12:26	WG868783
Mercury,Dissolved	U		0.0000490	0.000200	0.000200	1	05/03/2016 12:47	WG869161

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Arsenic	0.00178	J	0.00125	0.00200	0.0100	5	05/05/2016 19:56	WG869255
Arsenic,Dissolved	0.00196	J	0.00125	0.00200	0.0100	5	05/06/2016 23:59	WG869121
Barium	0.0130	J	0.00180	0.00500	0.0250	5	05/05/2016 19:56	WG869255
Barium,Dissolved	0.0159	J	0.00180	0.00500	0.0250	5	05/06/2016 23:59	WG869121
Boron	0.712		0.0150	0.0200	0.200	10	05/09/2016 14:38	WG869255
Boron,Dissolved	0.625		0.0150	0.0200	0.200	10	05/11/2016 11:31	WG869245
Cadmium	U		0.000800	0.00100	0.00500	5	05/05/2016 19:56	WG869255
Cadmium,Dissolved	U		0.000800	0.00100	0.00500	5	05/06/2016 23:59	WG869121
Calcium	528		0.230	1.00	5.00	5	05/05/2016 19:56	WG869255
Chromium	U		0.00270	0.00200	0.0100	5	05/05/2016 19:56	WG869255
Chromium,Dissolved	U		0.00270	0.00200	0.0100	5	05/06/2016 23:59	WG869121
Cobalt	U		0.00130	0.00200	0.0100	5	05/05/2016 19:56	WG869255
Cobalt,Dissolved	U		0.00130	0.00200	0.0100	5	05/05/2016 21:12	WG869245
Iron	U		0.0750	0.100	0.500	5	05/05/2016 19:56	WG869255
Iron,Dissolved	U		0.0750	0.100	0.500	5	05/06/2016 23:59	WG869121
Lead	U		0.00120	0.00200	0.0100	5	05/05/2016 19:56	WG869255
Lead,Dissolved	U		0.00120	0.00200	0.0100	5	05/06/2016 23:59	WG869121
Manganese	0.00441	J	0.00125	0.00500	0.0250	5	05/05/2016 19:56	WG869255
Manganese,Dissolved	0.00501	J	0.00125	0.00500	0.0250	5	05/06/2016 23:59	WG869121
Nickel	U		0.00175	0.00200	0.0100	5	05/05/2016 19:56	WG869255
Nickel,Dissolved	U		0.00175	0.00200	0.0100	5	05/06/2016 23:59	WG869121
Potassium	0.466	J	0.185	1.00	5.00	5	05/05/2016 19:56	WG869255
Selenium	0.00307	J	0.00190	0.00200	0.0100	5	05/05/2016 19:56	WG869255
Selenium,Dissolved	0.00398	J	0.00190	0.00200	0.0100	5	05/06/2016 23:59	WG869121
Sodium	132		0.550	1.00	5.00	5	05/05/2016 19:56	WG869255

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Uranium	0.0302	J	0.00165	0.0100	0.0500	5	05/05/2016 19:56	WG869255
Uranium,Dissolved	0.0325	J	0.00165	0.0100	0.0500	5	05/05/2016 21:12	WG869245
Vanadium	0.0125	J	0.000900	0.00500	0.0250	5	05/05/2016 19:56	WG869255
Vanadium,Dissolved	0.0152	J	0.000900	0.00500	0.0250	5	05/06/2016 23:59	WG869121

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	0.100	1	05/05/2016 08:07	WG869041
(S) a,a,a-Trifluorotoluene(FID)	*102*				*62.0-128*		*05/05/2016 08:07*	WG869041

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

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0100	0.0500	0.0500	1	05/03/2016 10:29	WG868976
Benzene	U		0.000331	0.00100	0.00100	1	05/03/2016 10:29	WG868976
Bromodichloromethane	U		0.000380	0.00100	0.00100	1	05/03/2016 10:29	WG868976
Bromoform	U		0.000469	0.00100	0.00100	1	05/03/2016 10:29	WG868976
Bromomethane	U		0.000866	0.00500	0.00500	1	05/03/2016 10:29	WG868976
n-Butylbenzene	U		0.000361	0.00100	0.00100	1	05/03/2016 10:29	WG868976
sec-Butylbenzene	U		0.000365	0.00100	0.00100	1	05/03/2016 10:29	WG868976
Carbon disulfide	U		0.000275	0.00100	0.00100	1	05/03/2016 10:29	WG868976
Carbon tetrachloride	U		0.000379	0.00100	0.00100	1	05/03/2016 10:29	WG868976
Chlorobenzene	U		0.000348	0.00100	0.00100	1	05/03/2016 10:29	WG868976
Chlorodibromomethane	U		0.000327	0.00100	0.00100	1	05/03/2016 10:29	WG868976
Chloroethane	U		0.000453	0.00500	0.00500	1	05/03/2016 10:29	WG868976
Chloroform	U		0.000324	0.00500	0.00500	1	05/03/2016 10:29	WG868976
Chloromethane	U		0.000276	0.00250	0.00250	1	05/03/2016 10:29	WG868976
1,2-Dibromoethane	U		0.000381	0.00100	0.00100	1	05/03/2016 10:29	WG868976
1,1-Dichloroethane	U		0.000259	0.00100	0.00100	1	05/03/2016 10:29	WG868976
1,2-Dichloroethane	U		0.000361	0.00100	0.00100	1	05/03/2016 10:29	WG868976
1,1-Dichloroethene	U		0.000398	0.00100	0.00100	1	05/03/2016 10:29	WG868976
cis-1,2-Dichloroethene	U		0.000260	0.00100	0.00100	1	05/03/2016 10:29	WG868976
trans-1,2-Dichloroethene	U		0.000396	0.00100	0.00100	1	05/03/2016 10:29	WG868976
1,2-Dichloropropane	U		0.000306	0.00100	0.00100	1	05/03/2016 10:29	WG868976
cis-1,3-Dichloropropene	U		0.000418	0.00100	0.00100	1	05/03/2016 10:29	WG868976
trans-1,3-Dichloropropene	U		0.000419	0.00100	0.00100	1	05/03/2016 10:29	WG868976
Ethylbenzene	U		0.000384	0.00100	0.00100	1	05/03/2016 10:29	WG868976
Isopropylbenzene	U		0.000326	0.00100	0.00100	1	05/03/2016 10:29	WG868976
p-Isopropyltoluene	U		0.000350	0.00100	0.00100	1	05/03/2016 10:29	WG868976
2-Butanone (MEK)	U		0.00393	0.0100	0.0100	1	05/03/2016 10:29	WG868976
2-Hexanone	U		0.00382	0.0100	0.0100	1	05/03/2016 10:29	WG868976
Methylene Chloride	U		0.00100	0.00500	0.00500	1	05/03/2016 10:29	WG868976
4-Methyl-2-pentanone (MIBK)	U		0.00214	0.0100	0.0100	1	05/03/2016 10:29	WG868976
Methyl tert-butyl ether	U		0.000367	0.00100	0.00100	1	05/05/2016 15:09	WG869987
Naphthalene	U		0.00100	0.00500	0.00500	1	05/03/2016 10:29	WG868976
n-Propylbenzene	U		0.000349	0.00100	0.00100	1	05/03/2016 10:29	WG868976
Styrene	U		0.000307	0.00100	0.00100	1	05/03/2016 10:29	WG868976
1,1,1,2-Tetrachloroethane	U		0.000385	0.00100	0.00100	1	05/03/2016 10:29	WG868976
1,1,2,2-Tetrachloroethane	U		0.000130	0.00100	0.00100	1	05/03/2016 10:29	WG868976
Tetrachloroethene	U		0.000372	0.00100	0.00100	1	05/03/2016 10:29	WG868976
Toluene	U		0.000780	0.00500	0.00500	1	05/03/2016 10:29	WG868976
1,1,1-Trichloroethane	U		0.000319	0.00100	0.00100	1	05/03/2016 10:29	WG868976
1,1,2-Trichloroethane	U		0.000383	0.00100	0.00100	1	05/03/2016 10:29	WG868976
Trichloroethene	U		0.000398	0.00100	0.00100	1	05/03/2016 10:29	WG868976

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

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
1,2,4-Trimethylbenzene	U		0.000373	0.00100	0.00100	1	05/03/2016 10:29	WG868976
1,3,5-Trimethylbenzene	U		0.000387	0.00100	0.00100	1	05/03/2016 10:29	WG868976
Vinyl chloride	U		0.000259	0.00100	0.00100	1	05/03/2016 10:29	WG868976
o-Xylene	U		0.000341	0.00100	0.00100	1	05/03/2016 10:29	WG868976
m&p-Xylene	U		0.000719	0.00100	0.00100	1	05/03/2016 10:29	WG868976
Xylenes, Total	U		0.00106	0.00300	0.00300	1	05/03/2016 10:29	WG868976
(S) Toluene-d8	*103*				*90.0-115*		*05/03/2016 10:29*	WG868976
(S) Toluene-d8	*111*				*90.0-115*		*05/05/2016 15:09*	WG869987
(S) Dibromofluoromethane	*105*				*79.0-121*		*05/05/2016 15:09*	WG869987
(S) Dibromofluoromethane	*102*				*79.0-121*		*05/03/2016 10:29*	WG868976
(S) 4-Bromofluorobenzene	*95.7*				*80.1-120*		*05/03/2016 10:29*	WG868976
(S) 4-Bromofluorobenzene	*99.3*				*80.1-120*		*05/05/2016 15:09*	WG869987

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0247	0.100	0.100	1	05/04/2016 01:42	WG869248
(S) o-Terphenyl	*98.0*				*50.0-150*		*05/04/2016 01:42*	WG869248

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Dissolved Solids	3930		2.82	10.0	10.0	1	05/03/2016 04:08	WG869081

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Nitrate-Nitrite	4.30		0.0197	0.100	0.100	1	05/05/2016 00:13	WG869396

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Chloride	108		1.04	1.00	20.0	20	05/03/2016 23:26	WG869278
Fluoride	0.459		0.00990	0.100	0.100	1	05/03/2016 23:11	WG869278
Sulfate	1930		1.55	5.00	100	20	05/03/2016 23:26	WG869278

Wet Chemistry by Method D 7511-09e2

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Cyanide	U		0.00120	0.00500	0.00500	1	05/10/2016 21:09	WG871518

Mercury by Method 7470A

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Mercury	U		0.0000490	0.000200	0.000200	1	05/02/2016 12:29	WG868783
Mercury,Dissolved	U		0.0000490	0.000200	0.000200	1	05/03/2016 12:50	WG869161

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Arsenic	0.00165	J	0.00125	0.00200	0.0100	5	05/05/2016 19:59	WG869255
Arsenic,Dissolved	0.00196	J	0.00125	0.00200	0.0100	5	05/07/2016 00:02	WG869121
Barium	0.0116	J	0.00180	0.00500	0.0250	5	05/05/2016 19:59	WG869255
Barium,Dissolved	0.0132	J	0.00180	0.00500	0.0250	5	05/07/2016 00:02	WG869121
Boron	0.651		0.0150	0.0200	0.200	10	05/09/2016 14:43	WG869255
Boron,Dissolved	0.625		0.0150	0.0200	0.200	10	05/11/2016 11:36	WG869245
Cadmium	U		0.000800	0.00100	0.00500	5	05/05/2016 19:59	WG869255
Cadmium,Dissolved	U		0.000800	0.00100	0.00500	5	05/07/2016 00:02	WG869121
Calcium	500		0.230	1.00	5.00	5	05/05/2016 19:59	WG869255
Chromium	U		0.00270	0.00200	0.0100	5	05/05/2016 19:59	WG869255
Chromium,Dissolved	U		0.00270	0.00200	0.0100	5	05/07/2016 00:02	WG869121
Cobalt	U		0.00130	0.00200	0.0100	5	05/05/2016 19:59	WG869255
Cobalt,Dissolved	U		0.00130	0.00200	0.0100	5	05/05/2016 21:15	WG869245
Iron	U		0.0750	0.100	0.500	5	05/05/2016 19:59	WG869255
Iron,Dissolved	U		0.0750	0.100	0.500	5	05/07/2016 00:02	WG869121
Lead	U		0.00120	0.00200	0.0100	5	05/05/2016 19:59	WG869255
Lead,Dissolved	U		0.00120	0.00200	0.0100	5	05/07/2016 00:02	WG869121
Manganese	0.00434	J	0.00125	0.00500	0.0250	5	05/05/2016 19:59	WG869255
Manganese,Dissolved	0.00470	J	0.00125	0.00500	0.0250	5	05/07/2016 00:02	WG869121
Nickel	U		0.00175	0.00200	0.0100	5	05/05/2016 19:59	WG869255
Nickel,Dissolved	U		0.00175	0.00200	0.0100	5	05/07/2016 00:02	WG869121
Potassium	0.445	J	0.185	1.00	5.00	5	05/05/2016 19:59	WG869255
Selenium	0.00301	J	0.00190	0.00200	0.0100	5	05/05/2016 19:59	WG869255
Selenium,Dissolved	0.00397	J	0.00190	0.00200	0.0100	5	05/07/2016 00:02	WG869121
Sodium	123		0.550	1.00	5.00	5	05/05/2016 19:59	WG869255

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Uranium	0.0282	J	0.00165	0.0100	0.0500	5	05/05/2016 19:59	WG869255
Uranium,Dissolved	0.0322	J	0.00165	0.0100	0.0500	5	05/05/2016 21:15	WG869245
Vanadium	0.0117	J	0.000900	0.00500	0.0250	5	05/05/2016 19:59	WG869255
Vanadium,Dissolved	0.0141	J	0.000900	0.00500	0.0250	5	05/07/2016 00:02	WG869121

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	0.100	1	05/05/2016 08:30	WG869041
(S) a,a,a-Trifluorotoluene(FID)	*102*				*62.0-128*		*05/05/2016 08:30*	WG869041

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

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0100	0.0500	0.0500	1	05/03/2016 10:48	WG868976
Benzene	U		0.000331	0.00100	0.00100	1	05/03/2016 10:48	WG868976
Bromodichloromethane	U		0.000380	0.00100	0.00100	1	05/03/2016 10:48	WG868976
Bromoform	U		0.000469	0.00100	0.00100	1	05/03/2016 10:48	WG868976
Bromomethane	U		0.000866	0.00500	0.00500	1	05/03/2016 10:48	WG868976
n-Butylbenzene	U		0.000361	0.00100	0.00100	1	05/03/2016 10:48	WG868976
sec-Butylbenzene	U		0.000365	0.00100	0.00100	1	05/03/2016 10:48	WG868976
Carbon disulfide	U		0.000275	0.00100	0.00100	1	05/03/2016 10:48	WG868976
Carbon tetrachloride	U		0.000379	0.00100	0.00100	1	05/03/2016 10:48	WG868976
Chlorobenzene	U		0.000348	0.00100	0.00100	1	05/03/2016 10:48	WG868976
Chlorodibromomethane	U		0.000327	0.00100	0.00100	1	05/03/2016 10:48	WG868976
Chloroethane	U		0.000453	0.00500	0.00500	1	05/03/2016 10:48	WG868976
Chloroform	U		0.000324	0.00500	0.00500	1	05/03/2016 10:48	WG868976
Chloromethane	U		0.000276	0.00250	0.00250	1	05/03/2016 10:48	WG868976
1,2-Dibromoethane	U		0.000381	0.00100	0.00100	1	05/03/2016 10:48	WG868976
1,1-Dichloroethane	U		0.000259	0.00100	0.00100	1	05/03/2016 10:48	WG868976
1,2-Dichloroethane	U		0.000361	0.00100	0.00100	1	05/03/2016 10:48	WG868976
1,1-Dichloroethene	U		0.000398	0.00100	0.00100	1	05/03/2016 10:48	WG868976
cis-1,2-Dichloroethene	U		0.000260	0.00100	0.00100	1	05/03/2016 10:48	WG868976
trans-1,2-Dichloroethene	U		0.000396	0.00100	0.00100	1	05/03/2016 10:48	WG868976
1,2-Dichloropropane	U		0.000306	0.00100	0.00100	1	05/03/2016 10:48	WG868976
cis-1,3-Dichloropropene	U		0.000418	0.00100	0.00100	1	05/03/2016 10:48	WG868976
trans-1,3-Dichloropropene	U		0.000419	0.00100	0.00100	1	05/03/2016 10:48	WG868976
Ethylbenzene	U		0.000384	0.00100	0.00100	1	05/03/2016 10:48	WG868976
Isopropylbenzene	U		0.000326	0.00100	0.00100	1	05/03/2016 10:48	WG868976
p-Isopropyltoluene	U		0.000350	0.00100	0.00100	1	05/03/2016 10:48	WG868976
2-Butanone (MEK)	U		0.00393	0.0100	0.0100	1	05/03/2016 10:48	WG868976
2-Hexanone	U		0.00382	0.0100	0.0100	1	05/03/2016 10:48	WG868976
Methylene Chloride	U		0.00100	0.00500	0.00500	1	05/03/2016 10:48	WG868976
4-Methyl-2-pentanone (MIBK)	U		0.00214	0.0100	0.0100	1	05/03/2016 10:48	WG868976
Methyl tert-butyl ether	U		0.000367	0.00100	0.00100	1	05/03/2016 10:48	WG868976
Naphthalene	U		0.00100	0.00500	0.00500	1	05/03/2016 10:48	WG868976
n-Propylbenzene	U		0.000349	0.00100	0.00100	1	05/03/2016 10:48	WG868976
Styrene	U		0.000307	0.00100	0.00100	1	05/03/2016 10:48	WG868976
1,1,1,2-Tetrachloroethane	U		0.000385	0.00100	0.00100	1	05/03/2016 10:48	WG868976
1,1,2,2-Tetrachloroethane	U		0.000130	0.00100	0.00100	1	05/03/2016 10:48	WG868976
Tetrachloroethene	U		0.000372	0.00100	0.00100	1	05/03/2016 10:48	WG868976
Toluene	U		0.000780	0.00500	0.00500	1	05/03/2016 10:48	WG868976
1,1,1-Trichloroethane	U		0.000319	0.00100	0.00100	1	05/03/2016 10:48	WG868976
1,1,2-Trichloroethane	U		0.000383	0.00100	0.00100	1	05/03/2016 10:48	WG868976
Trichloroethene	U		0.000398	0.00100	0.00100	1	05/03/2016 10:48	WG868976

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

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
1,2,4-Trimethylbenzene	U		0.000373	0.00100	0.00100	1	05/03/2016 10:48	WG868976
1,3,5-Trimethylbenzene	U		0.000387	0.00100	0.00100	1	05/03/2016 10:48	WG868976
Vinyl chloride	U		0.000259	0.00100	0.00100	1	05/03/2016 10:48	WG868976
o-Xylene	U		0.000341	0.00100	0.00100	1	05/03/2016 10:48	WG868976
m&p-Xylene	U		0.000719	0.00100	0.00100	1	05/03/2016 10:48	WG868976
Xylenes, Total	U		0.00106	0.00300	0.00300	1	05/03/2016 10:48	WG868976
(S) Toluene-d8	*102*				*90.0-115*		*05/03/2016 10:48*	WG868976
(S) Dibromofluoromethane	*103*				*79.0-121*		*05/03/2016 10:48*	WG868976
(S) 4-Bromofluorobenzene	*95.8*				*80.1-120*		*05/03/2016 10:48*	WG868976

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0247	0.100	0.100	1	05/04/2016 01:59	WG869248
(S) o-Terphenyl	*98.5*				*50.0-150*		*05/04/2016 01:59*	WG869248

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Dissolved Solids	113		2.82	10.0	10.0	1	05/03/2016 04:34	WG869083

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Nitrate-Nitrite	0.0480	J	0.0197	0.100	0.100	1	05/05/2016 00:14	WG869396

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Chloride	U		0.0519	1.00	1.00	1	05/03/2016 23:41	WG869278
Fluoride	U		0.00990	0.100	0.100	1	05/03/2016 23:41	WG869278
Sulfate	0.938	J	0.0774	5.00	5.00	1	05/03/2016 23:41	WG869278

Wet Chemistry by Method D 7511-09e2

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Cyanide	U		0.00120	0.00500	0.00500	1	05/10/2016 21:12	WG871518

Mercury by Method 7470A

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Mercury	U		0.0000490	0.000200	0.000200	1	05/02/2016 12:32	WG868783
Mercury,Dissolved	U		0.0000490	0.000200	0.000200	1	05/03/2016 12:52	WG869161

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Arsenic	U		0.000250	0.00200	0.00200	1	05/06/2016 12:27	WG869255
Arsenic,Dissolved	U		0.000250	0.00200	0.00200	1	05/07/2016 00:05	WG869121
Barium	U		0.000360	0.00500	0.00500	1	05/06/2016 12:27	WG869255
Barium,Dissolved	U		0.000360	0.00500	0.00500	1	05/07/2016 00:05	WG869121
Boron	0.0610		0.00150	0.0200	0.0200	1	05/09/2016 18:00	WG869255
Boron,Dissolved	0.0537		0.00150	0.0200	0.0200	1	05/11/2016 11:41	WG869245
Cadmium	U		0.000160	0.00100	0.00100	1	05/06/2016 12:27	WG869255
Cadmium,Dissolved	U		0.000160	0.00100	0.00100	1	05/07/2016 00:05	WG869121
Calcium	U		0.0460	1.00	1.00	1	05/06/2016 12:27	WG869255
Chromium	U		0.000540	0.00200	0.00200	1	05/06/2016 12:27	WG869255
Chromium,Dissolved	U		0.000540	0.00200	0.00200	1	05/07/2016 00:05	WG869121
Cobalt	U		0.000260	0.00200	0.00200	1	05/06/2016 12:27	WG869255
Cobalt,Dissolved	U		0.000260	0.00200	0.00200	1	05/07/2016 11:36	WG869245
Iron	0.0310	J	0.0150	0.100	0.100	1	05/06/2016 12:27	WG869255
Iron,Dissolved	U		0.0150	0.100	0.100	1	05/07/2016 00:05	WG869121
Lead	U		0.000240	0.00200	0.00200	1	05/06/2016 12:27	WG869255
Lead,Dissolved	U		0.000240	0.00200	0.00200	1	05/07/2016 00:05	WG869121
Manganese	U		0.000250	0.00500	0.00500	1	05/06/2016 12:27	WG869255
Manganese,Dissolved	0.000264	J	0.000250	0.00500	0.00500	1	05/07/2016 00:05	WG869121
Nickel	U		0.000350	0.00200	0.00200	1	05/06/2016 12:27	WG869255
Nickel,Dissolved	0.000482	J	0.000350	0.00200	0.00200	1	05/07/2016 00:05	WG869121
Potassium	U		0.0370	1.00	1.00	1	05/06/2016 12:27	WG869255
Selenium	U		0.000380	0.00200	0.00200	1	05/06/2016 12:27	WG869255
Selenium,Dissolved	U		0.000380	0.00200	0.00200	1	05/07/2016 00:05	WG869121
Sodium	U		0.110	1.00	1.00	1	05/06/2016 12:27	WG869255

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Uranium	U		0.000330	0.0100	0.0100	1	05/06/2016 12:27	WG869255
Uranium,Dissolved	U		0.000330	0.0100	0.0100	1	05/07/2016 11:36	WG869245
Vanadium	U		0.000180	0.00500	0.00500	1	05/06/2016 12:27	WG869255
Vanadium,Dissolved	0.000606	J	0.000180	0.00500	0.00500	1	05/07/2016 00:05	WG869121

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	0.100	1	05/05/2016 08:53	WG869041
(S) a,a,a-Trifluorotoluene(FID)	*102*				*62.0-128*		*05/05/2016 08:53*	WG869041

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

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0100	0.0500	0.0500	1	05/03/2016 11:07	WG868976
Benzene	U		0.000331	0.00100	0.00100	1	05/03/2016 11:07	WG868976
Bromodichloromethane	U		0.000380	0.00100	0.00100	1	05/03/2016 11:07	WG868976
Bromoform	U		0.000469	0.00100	0.00100	1	05/03/2016 11:07	WG868976
Bromomethane	U		0.000866	0.00500	0.00500	1	05/03/2016 11:07	WG868976
n-Butylbenzene	U		0.000361	0.00100	0.00100	1	05/03/2016 11:07	WG868976
sec-Butylbenzene	U		0.000365	0.00100	0.00100	1	05/03/2016 11:07	WG868976
Carbon disulfide	U		0.000275	0.00100	0.00100	1	05/03/2016 11:07	WG868976
Carbon tetrachloride	U		0.000379	0.00100	0.00100	1	05/03/2016 11:07	WG868976
Chlorobenzene	U		0.000348	0.00100	0.00100	1	05/03/2016 11:07	WG868976
Chlorodibromomethane	U		0.000327	0.00100	0.00100	1	05/03/2016 11:07	WG868976
Chloroethane	U		0.000453	0.00500	0.00500	1	05/03/2016 11:07	WG868976
Chloroform	0.000666	J	0.000324	0.00500	0.00500	1	05/03/2016 11:07	WG868976
Chloromethane	U		0.000276	0.00250	0.00250	1	05/03/2016 11:07	WG868976
1,2-Dibromoethane	U		0.000381	0.00100	0.00100	1	05/03/2016 11:07	WG868976
1,1-Dichloroethane	U		0.000259	0.00100	0.00100	1	05/03/2016 11:07	WG868976
1,2-Dichloroethane	U		0.000361	0.00100	0.00100	1	05/03/2016 11:07	WG868976
1,1-Dichloroethene	U		0.000398	0.00100	0.00100	1	05/03/2016 11:07	WG868976
cis-1,2-Dichloroethene	U		0.000260	0.00100	0.00100	1	05/03/2016 11:07	WG868976
trans-1,2-Dichloroethene	U		0.000396	0.00100	0.00100	1	05/03/2016 11:07	WG868976
1,2-Dichloropropane	U		0.000306	0.00100	0.00100	1	05/03/2016 11:07	WG868976
cis-1,3-Dichloropropene	U		0.000418	0.00100	0.00100	1	05/03/2016 11:07	WG868976
trans-1,3-Dichloropropene	U		0.000419	0.00100	0.00100	1	05/03/2016 11:07	WG868976
Ethylbenzene	U		0.000384	0.00100	0.00100	1	05/03/2016 11:07	WG868976
Isopropylbenzene	U		0.000326	0.00100	0.00100	1	05/03/2016 11:07	WG868976
p-Isopropyltoluene	U		0.000350	0.00100	0.00100	1	05/03/2016 11:07	WG868976
2-Butanone (MEK)	U		0.00393	0.0100	0.0100	1	05/03/2016 11:07	WG868976
2-Hexanone	U		0.00382	0.0100	0.0100	1	05/03/2016 11:07	WG868976
Methylene Chloride	U		0.00100	0.00500	0.00500	1	05/03/2016 11:07	WG868976
4-Methyl-2-pentanone (MIBK)	U		0.00214	0.0100	0.0100	1	05/03/2016 11:07	WG868976
Methyl tert-butyl ether	U		0.000367	0.00100	0.00100	1	05/03/2016 11:07	WG868976
Naphthalene	U		0.00100	0.00500	0.00500	1	05/03/2016 11:07	WG868976
n-Propylbenzene	U		0.000349	0.00100	0.00100	1	05/03/2016 11:07	WG868976
Styrene	U		0.000307	0.00100	0.00100	1	05/03/2016 11:07	WG868976
1,1,1,2-Tetrachloroethane	U		0.000385	0.00100	0.00100	1	05/03/2016 11:07	WG868976
1,1,2,2-Tetrachloroethane	U		0.000130	0.00100	0.00100	1	05/03/2016 11:07	WG868976
Tetrachloroethene	U		0.000372	0.00100	0.00100	1	05/03/2016 11:07	WG868976
Toluene	U		0.000780	0.00500	0.00500	1	05/03/2016 11:07	WG868976
1,1,1-Trichloroethane	U		0.000319	0.00100	0.00100	1	05/03/2016 11:07	WG868976
1,1,2-Trichloroethane	U		0.000383	0.00100	0.00100	1	05/03/2016 11:07	WG868976
Trichloroethene	U		0.000398	0.00100	0.00100	1	05/03/2016 11:07	WG868976

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

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
1,2,4-Trimethylbenzene	U		0.000373	0.00100	0.00100	1	05/03/2016 11:07	WG868976
1,3,5-Trimethylbenzene	U		0.000387	0.00100	0.00100	1	05/03/2016 11:07	WG868976
Vinyl chloride	U		0.000259	0.00100	0.00100	1	05/03/2016 11:07	WG868976
o-Xylene	U		0.000341	0.00100	0.00100	1	05/03/2016 11:07	WG868976
m&p-Xylene	U		0.000719	0.00100	0.00100	1	05/03/2016 11:07	WG868976
Xylenes, Total	U		0.00106	0.00300	0.00300	1	05/03/2016 11:07	WG868976
(S) Toluene-d8	*102*				*90.0-115*		*05/03/2016 11:07*	WG868976
(S) Dibromofluoromethane	*103*				*79.0-121*		*05/03/2016 11:07*	WG868976
(S) 4-Bromofluorobenzene	*96.6*				*80.1-120*		*05/03/2016 11:07*	WG868976

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0247	0.100	0.100	1	05/04/2016 02:16	WG869248
(S) o-Terphenyl	*101*				*50.0-150*		*05/04/2016 02:16*	WG869248

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Dissolved Solids	2160		2.82	10.0	10.0	1	05/03/2016 04:34	WG869083

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Nitrate-Nitrite	2.43		0.0197	0.100	0.100	1	05/05/2016 00:15	WG869396

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Chloride	218		2.60	1.00	50.0	50	05/04/2016 00:59	WG869278
Fluoride	0.441		0.00990	0.100	0.100	1	05/04/2016 01:14	WG869278
Sulfate	1200		3.87	5.00	250	50	05/04/2016 00:59	WG869278

Wet Chemistry by Method D 7511-09e2

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Cyanide	U		0.00120	0.00500	0.00500	1	05/10/2016 21:15	WG871518

Mercury by Method 7470A

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Mercury	U		0.0000490	0.000200	0.000200	1	05/02/2016 12:35	WG868783
Mercury,Dissolved	U		0.0000490	0.000200	0.000200	1	05/03/2016 13:01	WG869161

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Arsenic	U		0.00125	0.00200	0.0100	5	05/05/2016 18:48	WG869255
Arsenic,Dissolved	0.00144	J	0.00125	0.00200	0.0100	5	05/07/2016 00:13	WG869121
Barium	0.0135	J	0.00180	0.00500	0.0250	5	05/05/2016 18:48	WG869255
Barium,Dissolved	0.0119	J	0.00180	0.00500	0.0250	5	05/07/2016 00:13	WG869121
Boron	0.173	J J6 O1	0.0150	0.0200	0.200	10	05/09/2016 13:45	WG869255
Boron,Dissolved	0.154	J	0.0150	0.0200	0.200	10	05/11/2016 11:46	WG869245
Cadmium	U		0.000800	0.00100	0.00500	5	05/05/2016 18:48	WG869255
Cadmium,Dissolved	U		0.000800	0.00100	0.00500	5	05/07/2016 00:13	WG869121
Calcium	438		0.230	1.00	5.00	5	05/05/2016 18:48	WG869255
Chromium	U		0.00270	0.00200	0.0100	5	05/05/2016 18:48	WG869255
Chromium,Dissolved	U		0.00270	0.00200	0.0100	5	05/07/2016 00:13	WG869121
Cobalt	U		0.00130	0.00200	0.0100	5	05/05/2016 18:48	WG869255
Cobalt,Dissolved	U		0.00130	0.00200	0.0100	5	05/05/2016 21:20	WG869245
Iron	0.121	J	0.0750	0.100	0.500	5	05/05/2016 18:48	WG869255
Iron,Dissolved	U		0.0750	0.100	0.500	5	05/07/2016 00:13	WG869121
Lead	U		0.00120	0.00200	0.0100	5	05/05/2016 18:48	WG869255
Lead,Dissolved	U		0.00120	0.00200	0.0100	5	05/07/2016 00:13	WG869121
Manganese	0.00188	J	0.00125	0.00500	0.0250	5	05/05/2016 18:48	WG869255
Manganese,Dissolved	U		0.00125	0.00500	0.0250	5	05/07/2016 00:13	WG869121
Nickel	U		0.00175	0.00200	0.0100	5	05/05/2016 18:48	WG869255
Nickel,Dissolved	U		0.00175	0.00200	0.0100	5	05/07/2016 00:13	WG869121
Potassium	2.11	J O1	0.185	1.00	5.00	5	05/05/2016 18:48	WG869255
Selenium	0.00949	J	0.00190	0.00200	0.0100	5	05/05/2016 18:48	WG869255
Selenium,Dissolved	0.00845	J	0.00190	0.00200	0.0100	5	05/07/2016 00:13	WG869121
Sodium	81.3	V	0.550	1.00	5.00	5	05/05/2016 18:48	WG869255

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Uranium	0.00987	J	0.00165	0.0100	0.0500	5	05/05/2016 18:48	WG869255
Uranium,Dissolved	0.00958	J	0.00165	0.0100	0.0500	5	05/05/2016 21:20	WG869245
Vanadium	0.00814	J	0.000900	0.00500	0.0250	5	05/05/2016 18:48	WG869255
Vanadium,Dissolved	0.00947	J	0.000900	0.00500	0.0250	5	05/07/2016 00:13	WG869121

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	U		0.0314	0.100	0.100	1	05/05/2016 09:17	WG869041
(S) a,a,a-Trifluorotoluene(FID)	*102*				*62.0-128*		*05/05/2016 09:17*	WG869041

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

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0100	0.0500	0.0500	1	05/03/2016 11:26	WG868976
Benzene	U		0.000331	0.00100	0.00100	1	05/03/2016 11:26	WG868976
Bromodichloromethane	U		0.000380	0.00100	0.00100	1	05/03/2016 11:26	WG868976
Bromoform	U		0.000469	0.00100	0.00100	1	05/03/2016 11:26	WG868976
Bromomethane	U		0.000866	0.00500	0.00500	1	05/03/2016 11:26	WG868976
n-Butylbenzene	U		0.000361	0.00100	0.00100	1	05/03/2016 11:26	WG868976
sec-Butylbenzene	U		0.000365	0.00100	0.00100	1	05/03/2016 11:26	WG868976
Carbon disulfide	U		0.000275	0.00100	0.00100	1	05/03/2016 11:26	WG868976
Carbon tetrachloride	U		0.000379	0.00100	0.00100	1	05/03/2016 11:26	WG868976
Chlorobenzene	U		0.000348	0.00100	0.00100	1	05/03/2016 11:26	WG868976
Chlorodibromomethane	U		0.000327	0.00100	0.00100	1	05/03/2016 11:26	WG868976
Chloroethane	U		0.000453	0.00500	0.00500	1	05/03/2016 11:26	WG868976
Chloroform	U		0.000324	0.00500	0.00500	1	05/03/2016 11:26	WG868976
Chloromethane	U		0.000276	0.00250	0.00250	1	05/03/2016 11:26	WG868976
1,2-Dibromoethane	U		0.000381	0.00100	0.00100	1	05/03/2016 11:26	WG868976
1,1-Dichloroethane	U		0.000259	0.00100	0.00100	1	05/03/2016 11:26	WG868976
1,2-Dichloroethane	U		0.000361	0.00100	0.00100	1	05/03/2016 11:26	WG868976
1,1-Dichloroethene	U		0.000398	0.00100	0.00100	1	05/03/2016 11:26	WG868976
cis-1,2-Dichloroethene	U		0.000260	0.00100	0.00100	1	05/03/2016 11:26	WG868976
trans-1,2-Dichloroethene	U		0.000396	0.00100	0.00100	1	05/03/2016 11:26	WG868976
1,2-Dichloropropane	U		0.000306	0.00100	0.00100	1	05/03/2016 11:26	WG868976
cis-1,3-Dichloropropene	U		0.000418	0.00100	0.00100	1	05/03/2016 11:26	WG868976
trans-1,3-Dichloropropene	U		0.000419	0.00100	0.00100	1	05/03/2016 11:26	WG868976
Ethylbenzene	U		0.000384	0.00100	0.00100	1	05/03/2016 11:26	WG868976
Isopropylbenzene	U		0.000326	0.00100	0.00100	1	05/03/2016 11:26	WG868976
p-Isopropyltoluene	U		0.000350	0.00100	0.00100	1	05/03/2016 11:26	WG868976
2-Butanone (MEK)	U		0.00393	0.0100	0.0100	1	05/03/2016 11:26	WG868976
2-Hexanone	U		0.00382	0.0100	0.0100	1	05/03/2016 11:26	WG868976
Methylene Chloride	U		0.00100	0.00500	0.00500	1	05/03/2016 11:26	WG868976
4-Methyl-2-pentanone (MIBK)	U		0.00214	0.0100	0.0100	1	05/03/2016 11:26	WG868976
Methyl tert-butyl ether	U		0.000367	0.00100	0.00100	1	05/03/2016 11:26	WG868976
Naphthalene	U		0.00100	0.00500	0.00500	1	05/03/2016 11:26	WG868976
n-Propylbenzene	U		0.000349	0.00100	0.00100	1	05/03/2016 11:26	WG868976
Styrene	U		0.000307	0.00100	0.00100	1	05/03/2016 11:26	WG868976
1,1,1,2-Tetrachloroethane	U		0.000385	0.00100	0.00100	1	05/03/2016 11:26	WG868976
1,1,2,2-Tetrachloroethane	U		0.000130	0.00100	0.00100	1	05/03/2016 11:26	WG868976
Tetrachloroethene	U		0.000372	0.00100	0.00100	1	05/03/2016 11:26	WG868976
Toluene	U		0.000780	0.00500	0.00500	1	05/03/2016 11:26	WG868976
1,1,1-Trichloroethane	U		0.000319	0.00100	0.00100	1	05/03/2016 11:26	WG868976
1,1,2-Trichloroethane	U		0.000383	0.00100	0.00100	1	05/03/2016 11:26	WG868976
Trichloroethene	U		0.000398	0.00100	0.00100	1	05/03/2016 11:26	WG868976

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

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
1,2,4-Trimethylbenzene	U		0.000373	0.00100	0.00100	1	05/03/2016 11:26	WG868976
1,3,5-Trimethylbenzene	U		0.000387	0.00100	0.00100	1	05/03/2016 11:26	WG868976
Vinyl chloride	U		0.000259	0.00100	0.00100	1	05/03/2016 11:26	WG868976
o-Xylene	U		0.000341	0.00100	0.00100	1	05/03/2016 11:26	WG868976
m&p-Xylene	U		0.000719	0.00100	0.00100	1	05/03/2016 11:26	WG868976
Xylenes, Total	U		0.00106	0.00300	0.00300	1	05/03/2016 11:26	WG868976
(S) Toluene-d8	*102*				*90.0-115*		*05/03/2016 11:26*	WG868976
(S) Dibromofluoromethane	*102*				*79.0-121*		*05/03/2016 11:26*	WG868976
(S) 4-Bromofluorobenzene	*94.5*				*80.1-120*		*05/03/2016 11:26*	WG868976

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	U		0.0247	0.100	0.100	1	05/04/2016 03:40	WG869248
(S) o-Terphenyl	*96.2*				*50.0-150*		*05/04/2016 03:40*	WG869248

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Dissolved Solids	5840		2.82	10.0	10.0	1	05/18/2016 16:56	WG873619

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Nitrate-Nitrite	42.4		0.197	0.100	1.00	10	05/05/2016 00:16	WG869396

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Chloride	1600		5.19	1.00	100	100	05/04/2016 01:29	WG869278
Fluoride	0.642		0.00990	0.100	0.100	1	05/04/2016 01:45	WG869278
Sulfate	1570		7.74	5.00	500	100	05/04/2016 01:29	WG869278

Wet Chemistry by Method D 7511-09e2

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Cyanide	0.0230		0.00120	0.00500	0.00500	1	05/10/2016 21:24	WG871518

Mercury by Method 7470A

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Mercury	U		0.0000490	0.000200	0.000200	1	05/02/2016 12:38	WG868783
Mercury,Dissolved	U		0.0000490	0.000200	0.000200	1	05/03/2016 13:04	WG869161

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Arsenic	0.00231	J	0.00125	0.00200	0.0100	5	05/05/2016 20:10	WG869255
Arsenic,Dissolved	0.00234	J	0.00125	0.00200	0.0100	5	05/07/2016 00:16	WG869121
Barium	0.00508		0.000360	0.00500	0.00500	1	05/06/2016 12:30	WG869255
Barium,Dissolved	0.0283		0.00180	0.00500	0.0250	5	05/07/2016 00:16	WG869121
Boron	0.502		0.0150	0.0200	0.200	10	05/09/2016 14:52	WG869255
Boron,Dissolved	0.477		0.0150	0.0200	0.200	10	05/11/2016 11:51	WG869245
Cadmium	U		0.000800	0.00100	0.00500	5	05/05/2016 20:10	WG869255
Cadmium,Dissolved	U		0.000800	0.00100	0.00500	5	05/07/2016 00:16	WG869121
Calcium	710		0.230	1.00	5.00	5	05/05/2016 20:10	WG869255
Chromium	U		0.00270	0.00200	0.0100	5	05/05/2016 20:10	WG869255
Chromium,Dissolved	U		0.00270	0.00200	0.0100	5	05/07/2016 00:16	WG869121
Cobalt	0.00175	J	0.00130	0.00200	0.0100	5	05/05/2016 20:10	WG869255
Cobalt,Dissolved	0.00202	J	0.00130	0.00200	0.0100	5	05/05/2016 21:23	WG869245
Iron	U		0.0750	0.100	0.500	5	05/05/2016 20:10	WG869255
Iron,Dissolved	U		0.0750	0.100	0.500	5	05/07/2016 00:16	WG869121
Lead	0.00851	J	0.00120	0.00200	0.0100	5	05/05/2016 20:10	WG869255
Lead,Dissolved	0.00533	J	0.00120	0.00200	0.0100	5	05/07/2016 00:16	WG869121
Manganese	0.222		0.00125	0.00500	0.0250	5	05/05/2016 20:10	WG869255
Manganese,Dissolved	0.240		0.00125	0.00500	0.0250	5	05/07/2016 00:16	WG869121
Nickel	0.00476	J	0.00175	0.00200	0.0100	5	05/05/2016 20:10	WG869255
Nickel,Dissolved	0.00547	J	0.00175	0.00200	0.0100	5	05/07/2016 00:16	WG869121
Potassium	0.797	J	0.185	1.00	5.00	5	05/05/2016 20:10	WG869255
Selenium	0.00852	J	0.00190	0.00200	0.0100	5	05/05/2016 20:10	WG869255
Selenium,Dissolved	0.00847	J	0.00190	0.00200	0.0100	5	05/07/2016 00:16	WG869121
Sodium	426		0.550	1.00	5.00	5	05/05/2016 20:10	WG869255

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Uranium	0.0326	J	0.00165	0.0100	0.0500	5	05/05/2016 20:10	WG869255
Uranium,Dissolved	0.0209	J	0.00165	0.0100	0.0500	5	05/05/2016 21:23	WG869245
Vanadium	0.0118	J	0.000900	0.00500	0.0250	5	05/05/2016 20:10	WG869255
Vanadium,Dissolved	0.0134	J	0.000900	0.00500	0.0250	5	05/07/2016 00:16	WG869121

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
TPH (GC/FID) Low Fraction	0.267		0.0314	0.100	0.100	1	05/05/2016 09:39	WG869041
(S) a,a,a-Trifluorotoluene(FID)	*100*				*62.0-128*		*05/05/2016 09:39*	WG869041

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

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Acetone	U		0.0100	0.0500	0.0500	1	05/03/2016 11:45	WG868976
Benzene	0.00541		0.000331	0.00100	0.00100	1	05/03/2016 11:45	WG868976
Bromodichloromethane	U		0.000380	0.00100	0.00100	1	05/03/2016 11:45	WG868976
Bromoform	U		0.000469	0.00100	0.00100	1	05/03/2016 11:45	WG868976
Bromomethane	U		0.000866	0.00500	0.00500	1	05/03/2016 11:45	WG868976
n-Butylbenzene	0.00134		0.000361	0.00100	0.00100	1	05/03/2016 11:45	WG868976
sec-Butylbenzene	0.00353		0.000365	0.00100	0.00100	1	05/03/2016 11:45	WG868976
Carbon disulfide	U		0.000275	0.00100	0.00100	1	05/03/2016 11:45	WG868976
Carbon tetrachloride	U		0.000379	0.00100	0.00100	1	05/03/2016 11:45	WG868976
Chlorobenzene	U		0.000348	0.00100	0.00100	1	05/03/2016 11:45	WG868976
Chlorodibromomethane	U		0.000327	0.00100	0.00100	1	05/03/2016 11:45	WG868976
Chloroethane	U		0.000453	0.00500	0.00500	1	05/03/2016 11:45	WG868976
Chloroform	U		0.000324	0.00500	0.00500	1	05/03/2016 11:45	WG868976
Chloromethane	U		0.000276	0.00250	0.00250	1	05/03/2016 11:45	WG868976
1,2-Dibromoethane	U		0.000381	0.00100	0.00100	1	05/03/2016 11:45	WG868976
1,1-Dichloroethane	U		0.000259	0.00100	0.00100	1	05/03/2016 11:45	WG868976
1,2-Dichloroethane	U		0.000361	0.00100	0.00100	1	05/03/2016 11:45	WG868976
1,1-Dichloroethene	U		0.000398	0.00100	0.00100	1	05/03/2016 11:45	WG868976
cis-1,2-Dichloroethene	U		0.000260	0.00100	0.00100	1	05/03/2016 11:45	WG868976
trans-1,2-Dichloroethene	U		0.000396	0.00100	0.00100	1	05/03/2016 11:45	WG868976
1,2-Dichloropropane	U		0.000306	0.00100	0.00100	1	05/03/2016 11:45	WG868976
cis-1,3-Dichloropropene	U		0.000418	0.00100	0.00100	1	05/03/2016 11:45	WG868976
trans-1,3-Dichloropropene	U		0.000419	0.00100	0.00100	1	05/03/2016 11:45	WG868976
Ethylbenzene	U		0.000384	0.00100	0.00100	1	05/03/2016 11:45	WG868976
Isopropylbenzene	0.000412	J	0.000326	0.00100	0.00100	1	05/03/2016 11:45	WG868976
p-Isopropyltoluene	0.000374	J	0.000350	0.00100	0.00100	1	05/03/2016 11:45	WG868976
2-Butanone (MEK)	U		0.00393	0.0100	0.0100	1	05/03/2016 11:45	WG868976
2-Hexanone	U		0.00382	0.0100	0.0100	1	05/03/2016 11:45	WG868976
Methylene Chloride	U		0.00100	0.00500	0.00500	1	05/03/2016 11:45	WG868976
4-Methyl-2-pentanone (MIBK)	U		0.00214	0.0100	0.0100	1	05/03/2016 11:45	WG868976
Methyl tert-butyl ether	0.00477		0.000367	0.00100	0.00100	1	05/03/2016 11:45	WG868976
Naphthalene	0.0134		0.00100	0.00500	0.00500	1	05/03/2016 11:45	WG868976
n-Propylbenzene	U		0.000349	0.00100	0.00100	1	05/03/2016 11:45	WG868976
Styrene	U		0.000307	0.00100	0.00100	1	05/03/2016 11:45	WG868976
1,1,1,2-Tetrachloroethane	U		0.000385	0.00100	0.00100	1	05/03/2016 11:45	WG868976
1,1,2,2-Tetrachloroethane	U		0.000130	0.00100	0.00100	1	05/03/2016 11:45	WG868976
Tetrachloroethene	U		0.000372	0.00100	0.00100	1	05/03/2016 11:45	WG868976
Toluene	U		0.000780	0.00500	0.00500	1	05/03/2016 11:45	WG868976
1,1,1-Trichloroethane	U		0.000319	0.00100	0.00100	1	05/03/2016 11:45	WG868976
1,1,2-Trichloroethane	U		0.000383	0.00100	0.00100	1	05/03/2016 11:45	WG868976
Trichloroethene	U		0.000398	0.00100	0.00100	1	05/03/2016 11:45	WG868976

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

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
1,2,4-Trimethylbenzene	0.0256		0.000373	0.00100	0.00100	1	05/03/2016 11:45	WG868976
1,3,5-Trimethylbenzene	0.00122		0.000387	0.00100	0.00100	1	05/03/2016 11:45	WG868976
Vinyl chloride	U		0.000259	0.00100	0.00100	1	05/03/2016 11:45	WG868976
o-Xylene	0.000423	J	0.000341	0.00100	0.00100	1	05/03/2016 11:45	WG868976
m&p-Xylene	U		0.000719	0.00100	0.00100	1	05/03/2016 11:45	WG868976
Xylenes, Total	U		0.00106	0.00300	0.00300	1	05/03/2016 11:45	WG868976
(S) Toluene-d8	*103*				*90.0-115*		*05/03/2016 11:45*	WG868976
(S) Dibromofluoromethane	*102*				*79.0-121*		*05/03/2016 11:45*	WG868976
(S) 4-Bromofluorobenzene	*95.9*				*80.1-120*		*05/03/2016 11:45*	WG868976

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	3.74		0.0247	0.100	0.100	1	05/04/2016 03:57	WG869248
(S) o-Terphenyl	*107*				*50.0-150*		*05/04/2016 03:57*	WG869248

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	1190		2.82	10.0	10.0	1	05/03/2016 04:34	WG869083

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	0.0460	J	0.0197	0.100	0.100	1	05/05/2016 00:17	WG869396

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Chloride	222		0.260	1.00	5.00	5	05/04/2016 02:16	WG869278
Fluoride	0.691		0.00990	0.100	0.100	1	05/04/2016 02:00	WG869278
Sulfate	341		0.387	5.00	25.0	5	05/04/2016 02:16	WG869278

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00922	J	0.00125	0.00200	0.0100	5	05/05/2016 20:13	WG869255
Arsenic,Dissolved	0.00890	J	0.00125	0.00200	0.0100	5	05/07/2016 00:18	WG869121
Barium	0.0165		0.000360	0.00500	0.00500	1	05/06/2016 12:32	WG869255
Barium,Dissolved	0.0888		0.00180	0.00500	0.0250	5	05/07/2016 00:18	WG869121
Calcium	202		0.230	1.00	5.00	5	05/05/2016 20:13	WG869255
Chromium	U		0.00270	0.00200	0.0100	5	05/05/2016 20:13	WG869255
Chromium,Dissolved	U		0.00270	0.00200	0.0100	5	05/07/2016 00:18	WG869121
Iron	0.572		0.0750	0.100	0.500	5	05/05/2016 20:13	WG869255
Iron,Dissolved	0.470	J	0.0750	0.100	0.500	5	05/07/2016 00:18	WG869121
Lead	U		0.00120	0.00200	0.0100	5	05/05/2016 20:13	WG869255
Lead,Dissolved	U		0.00120	0.00200	0.0100	5	05/07/2016 00:18	WG869121
Manganese	1.26		0.00125	0.00500	0.0250	5	05/05/2016 20:13	WG869255
Manganese,Dissolved	1.36		0.00125	0.00500	0.0250	5	05/07/2016 00:18	WG869121
Potassium	0.346	J	0.185	1.00	5.00	5	05/05/2016 20:13	WG869255
Selenium	U		0.00190	0.00200	0.0100	5	05/05/2016 20:13	WG869255
Selenium,Dissolved	U		0.00190	0.00200	0.0100	5	05/07/2016 00:18	WG869121
Sodium	167		0.550	1.00	5.00	5	05/05/2016 20:13	WG869255

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

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0100	0.0500	0.0500	1	05/03/2016 12:04	WG868976
Benzene	0.878		0.00662	0.00100	0.0200	20	05/06/2016 09:00	WG870046
Bromodichloromethane	U		0.000380	0.00100	0.00100	1	05/03/2016 12:04	WG868976
Bromoform	U		0.000469	0.00100	0.00100	1	05/03/2016 12:04	WG868976
Bromomethane	U		0.000866	0.00500	0.00500	1	05/03/2016 12:04	WG868976
n-Butylbenzene	0.00124		0.000361	0.00100	0.00100	1	05/03/2016 12:04	WG868976
sec-Butylbenzene	0.00270		0.000365	0.00100	0.00100	1	05/03/2016 12:04	WG868976
Carbon disulfide	U		0.000275	0.00100	0.00100	1	05/03/2016 12:04	WG868976
Carbon tetrachloride	U		0.000379	0.00100	0.00100	1	05/03/2016 12:04	WG868976
Chlorobenzene	U		0.000348	0.00100	0.00100	1	05/03/2016 12:04	WG868976
Chlorodibromomethane	U		0.000327	0.00100	0.00100	1	05/03/2016 12:04	WG868976
Chloroethane	U		0.000453	0.00500	0.00500	1	05/03/2016 12:04	WG868976
Chloroform	U		0.000324	0.00500	0.00500	1	05/03/2016 12:04	WG868976
Chloromethane	U		0.000276	0.00250	0.00250	1	05/03/2016 12:04	WG868976
1,2-Dibromoethane	U		0.000381	0.00100	0.00100	1	05/03/2016 12:04	WG868976
1,1-Dichloroethane	U		0.000259	0.00100	0.00100	1	05/03/2016 12:04	WG868976

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

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	0.000758	J	0.000361	0.00100	0.00100	1	05/03/2016 12:04	WG868976
1,1-Dichloroethene	U		0.000398	0.00100	0.00100	1	05/03/2016 12:04	WG868976
cis-1,2-Dichloroethene	U		0.000260	0.00100	0.00100	1	05/03/2016 12:04	WG868976
trans-1,2-Dichloroethene	U		0.000396	0.00100	0.00100	1	05/03/2016 12:04	WG868976
1,2-Dichloropropane	U		0.000306	0.00100	0.00100	1	05/03/2016 12:04	WG868976
cis-1,3-Dichloropropene	U		0.000418	0.00100	0.00100	1	05/03/2016 12:04	WG868976
trans-1,3-Dichloropropene	U		0.000419	0.00100	0.00100	1	05/03/2016 12:04	WG868976
Ethylbenzene	0.0691		0.000384	0.00100	0.00100	1	05/03/2016 12:04	WG868976
Isopropylbenzene	0.0117		0.000326	0.00100	0.00100	1	05/03/2016 12:04	WG868976
p-Isopropyltoluene	0.000561	J	0.000350	0.00100	0.00100	1	05/03/2016 12:04	WG868976
2-Butanone (MEK)	U		0.00393	0.0100	0.0100	1	05/03/2016 12:04	WG868976
2-Hexanone	U		0.00382	0.0100	0.0100	1	05/03/2016 12:04	WG868976
Methylene Chloride	U		0.00100	0.00500	0.00500	1	05/03/2016 12:04	WG868976
4-Methyl-2-pentanone (MIBK)	U		0.00214	0.0100	0.0100	1	05/03/2016 12:04	WG868976
Methyl tert-butyl ether	0.0779		0.000367	0.00100	0.00100	1	05/03/2016 12:04	WG868976
Naphthalene	0.0148		0.00100	0.00500	0.00500	1	05/03/2016 12:04	WG868976
n-Propylbenzene	0.0183		0.000349	0.00100	0.00100	1	05/03/2016 12:04	WG868976
Styrene	U		0.000307	0.00100	0.00100	1	05/03/2016 12:04	WG868976
1,1,1,2-Tetrachloroethane	U		0.000385	0.00100	0.00100	1	05/03/2016 12:04	WG868976
1,1,2,2-Tetrachloroethane	U		0.000130	0.00100	0.00100	1	05/03/2016 12:04	WG868976
Tetrachloroethene	U		0.000372	0.00100	0.00100	1	05/03/2016 12:04	WG868976
Toluene	0.0175		0.000780	0.00500	0.00500	1	05/03/2016 12:04	WG868976
1,1,1-Trichloroethane	U		0.000319	0.00100	0.00100	1	05/03/2016 12:04	WG868976
1,1,2-Trichloroethane	U		0.000383	0.00100	0.00100	1	05/03/2016 12:04	WG868976
Trichloroethene	U		0.000398	0.00100	0.00100	1	05/03/2016 12:04	WG868976
1,2,4-Trimethylbenzene	0.0443		0.000373	0.00100	0.00100	1	05/03/2016 12:04	WG868976
1,3,5-Trimethylbenzene	0.00539		0.000387	0.00100	0.00100	1	05/03/2016 12:04	WG868976
Vinyl chloride	U		0.000259	0.00100	0.00100	1	05/03/2016 12:04	WG868976
o-Xylene	0.0139		0.000341	0.00100	0.00100	1	05/03/2016 12:04	WG868976
m&p-Xylene	0.0939		0.000719	0.00100	0.00100	1	05/03/2016 12:04	WG868976
Xylenes, Total	0.108		0.00106	0.00300	0.00300	1	05/03/2016 12:04	WG868976
(S) Toluene-d8	*103*				*90.0-115*		*05/03/2016 12:04*	WG868976
(S) Toluene-d8	*102*				*90.0-115*		*05/06/2016 09:00*	WG870046
(S) Dibromofluoromethane	*116*				*79.0-121*		*05/06/2016 09:00*	WG870046
(S) Dibromofluoromethane	*98.1*				*79.0-121*		*05/03/2016 12:04*	WG868976
(S) 4-Bromofluorobenzene	*97.2*				*80.1-120*		*05/03/2016 12:04*	WG868976
(S) 4-Bromofluorobenzene	*87.6*				*80.1-120*		*05/06/2016 09:00*	WG870046

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	0.808		0.0247	0.100	0.100	1	05/04/2016 04:14	WG869248
(S) o-Terphenyl	*96.1*				*50.0-150*		*05/04/2016 04:14*	WG869248

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Dissolved Solids	2800		2.82	10.0	10.0	1	05/03/2016 04:34	WG869083

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Nitrate-Nitrite	0.0700	J	0.0197	0.100	0.100	1	05/05/2016 00:19	WG869396

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Chloride	122		2.60	1.00	50.0	50	05/04/2016 03:17	WG869278
Fluoride	0.344		0.00990	0.100	0.100	1	05/04/2016 02:31	WG869278
Sulfate	1150		3.87	5.00	250	50	05/04/2016 03:17	WG869278

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Calcium	422		0.230	1.00	5.00	5	05/05/2016 20:15	WG869255
Potassium	2.36	J	0.185	1.00	5.00	5	05/05/2016 20:15	WG869255
Sodium	103		0.550	1.00	5.00	5	05/05/2016 20:15	WG869255

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

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Acetone	U		0.0100	0.0500	0.0500	1	05/03/2016 12:23	WG868976
Benzene	U		0.000331	0.00100	0.00100	1	05/06/2016 08:38	WG870046
Bromodichloromethane	U		0.000380	0.00100	0.00100	1	05/03/2016 12:23	WG868976
Bromoform	U		0.000469	0.00100	0.00100	1	05/03/2016 12:23	WG868976
Bromomethane	U		0.000866	0.00500	0.00500	1	05/03/2016 12:23	WG868976
n-Butylbenzene	U		0.000361	0.00100	0.00100	1	05/03/2016 12:23	WG868976
sec-Butylbenzene	U		0.000365	0.00100	0.00100	1	05/03/2016 12:23	WG868976
Carbon disulfide	U		0.000275	0.00100	0.00100	1	05/03/2016 12:23	WG868976
Carbon tetrachloride	U		0.000379	0.00100	0.00100	1	05/03/2016 12:23	WG868976
Chlorobenzene	U		0.000348	0.00100	0.00100	1	05/03/2016 12:23	WG868976
Chlorodibromomethane	U		0.000327	0.00100	0.00100	1	05/03/2016 12:23	WG868976
Chloroethane	U		0.000453	0.00500	0.00500	1	05/03/2016 12:23	WG868976
Chloroform	U		0.000324	0.00500	0.00500	1	05/03/2016 12:23	WG868976
Chloromethane	U		0.000276	0.00250	0.00250	1	05/03/2016 12:23	WG868976
1,2-Dibromoethane	U		0.000381	0.00100	0.00100	1	05/03/2016 12:23	WG868976
1,1-Dichloroethane	U		0.000259	0.00100	0.00100	1	05/03/2016 12:23	WG868976
1,2-Dichloroethane	U		0.000361	0.00100	0.00100	1	05/03/2016 12:23	WG868976
1,1-Dichloroethene	U		0.000398	0.00100	0.00100	1	05/03/2016 12:23	WG868976
cis-1,2-Dichloroethene	U		0.000260	0.00100	0.00100	1	05/03/2016 12:23	WG868976
trans-1,2-Dichloroethene	U		0.000396	0.00100	0.00100	1	05/03/2016 12:23	WG868976
1,2-Dichloropropane	U		0.000306	0.00100	0.00100	1	05/03/2016 12:23	WG868976
cis-1,3-Dichloropropene	U		0.000418	0.00100	0.00100	1	05/03/2016 12:23	WG868976
trans-1,3-Dichloropropene	U		0.000419	0.00100	0.00100	1	05/03/2016 12:23	WG868976
Ethylbenzene	U		0.000384	0.00100	0.00100	1	05/03/2016 12:23	WG868976
Isopropylbenzene	U		0.000326	0.00100	0.00100	1	05/03/2016 12:23	WG868976
p-Isopropyltoluene	U		0.000350	0.00100	0.00100	1	05/03/2016 12:23	WG868976
2-Butanone (MEK)	U		0.00393	0.0100	0.0100	1	05/03/2016 12:23	WG868976
2-Hexanone	U		0.00382	0.0100	0.0100	1	05/03/2016 12:23	WG868976
Methylene Chloride	U		0.00100	0.00500	0.00500	1	05/03/2016 12:23	WG868976
4-Methyl-2-pentanone (MIBK)	U		0.00214	0.0100	0.0100	1	05/03/2016 12:23	WG868976

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

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Methyl tert-butyl ether	0.00507		0.000367	0.00100	0.00100	1	05/03/2016 12:23	WG868976
Naphthalene	U		0.00100	0.00500	0.00500	1	05/03/2016 12:23	WG868976
n-Propylbenzene	U		0.000349	0.00100	0.00100	1	05/03/2016 12:23	WG868976
Styrene	U		0.000307	0.00100	0.00100	1	05/03/2016 12:23	WG868976
1,1,1,2-Tetrachloroethane	U		0.000385	0.00100	0.00100	1	05/03/2016 12:23	WG868976
1,1,2,2-Tetrachloroethane	U		0.000130	0.00100	0.00100	1	05/03/2016 12:23	WG868976
Tetrachloroethene	U		0.000372	0.00100	0.00100	1	05/03/2016 12:23	WG868976
Toluene	U		0.000780	0.00500	0.00500	1	05/03/2016 12:23	WG868976
1,1,1-Trichloroethane	U		0.000319	0.00100	0.00100	1	05/03/2016 12:23	WG868976
1,1,2-Trichloroethane	U		0.000383	0.00100	0.00100	1	05/03/2016 12:23	WG868976
Trichloroethene	U		0.000398	0.00100	0.00100	1	05/03/2016 12:23	WG868976
1,2,4-Trimethylbenzene	U		0.000373	0.00100	0.00100	1	05/03/2016 12:23	WG868976
1,3,5-Trimethylbenzene	U		0.000387	0.00100	0.00100	1	05/03/2016 12:23	WG868976
Vinyl chloride	U		0.000259	0.00100	0.00100	1	05/03/2016 12:23	WG868976
o-Xylene	U		0.000341	0.00100	0.00100	1	05/03/2016 12:23	WG868976
m&p-Xylene	U		0.000719	0.00100	0.00100	1	05/03/2016 12:23	WG868976
Xylenes, Total	U		0.00106	0.00300	0.00300	1	05/03/2016 12:23	WG868976
(S) Toluene-d8	*102*				*90.0-115*		*05/03/2016 12:23*	WG868976
(S) Toluene-d8	*100*				*90.0-115*		*05/06/2016 08:38*	WG870046
(S) Dibromofluoromethane	*114*				*79.0-121*		*05/06/2016 08:38*	WG870046
(S) Dibromofluoromethane	*102*				*79.0-121*		*05/03/2016 12:23*	WG868976
(S) 4-Bromofluorobenzene	*94.5*				*80.1-120*		*05/03/2016 12:23*	WG868976
(S) 4-Bromofluorobenzene	*86.9*				*80.1-120*		*05/06/2016 08:38*	WG870046

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

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0100	0.0500	0.0500	1	05/03/2016 07:56	WG868976
Benzene	U		0.000331	0.00100	0.00100	1	05/03/2016 07:56	WG868976
Bromodichloromethane	U		0.000380	0.00100	0.00100	1	05/03/2016 07:56	WG868976
Bromoform	U		0.000469	0.00100	0.00100	1	05/03/2016 07:56	WG868976
Bromomethane	U		0.000866	0.00500	0.00500	1	05/03/2016 07:56	WG868976
n-Butylbenzene	U		0.000361	0.00100	0.00100	1	05/03/2016 07:56	WG868976
sec-Butylbenzene	U		0.000365	0.00100	0.00100	1	05/03/2016 07:56	WG868976
Carbon disulfide	U		0.000275	0.00100	0.00100	1	05/03/2016 07:56	WG868976
Carbon tetrachloride	U		0.000379	0.00100	0.00100	1	05/03/2016 07:56	WG868976
Chlorobenzene	U		0.000348	0.00100	0.00100	1	05/03/2016 07:56	WG868976
Chlorodibromomethane	U		0.000327	0.00100	0.00100	1	05/03/2016 07:56	WG868976
Chloroethane	U		0.000453	0.00500	0.00500	1	05/03/2016 07:56	WG868976
Chloroform	U		0.000324	0.00500	0.00500	1	05/03/2016 07:56	WG868976
Chloromethane	U		0.000276	0.00250	0.00250	1	05/03/2016 07:56	WG868976
1,2-Dibromoethane	U		0.000381	0.00100	0.00100	1	05/03/2016 07:56	WG868976
1,1-Dichloroethane	U		0.000259	0.00100	0.00100	1	05/03/2016 07:56	WG868976
1,2-Dichloroethane	U		0.000361	0.00100	0.00100	1	05/03/2016 07:56	WG868976
1,1-Dichloroethene	U		0.000398	0.00100	0.00100	1	05/03/2016 07:56	WG868976
cis-1,2-Dichloroethene	U		0.000260	0.00100	0.00100	1	05/03/2016 07:56	WG868976
trans-1,2-Dichloroethene	U		0.000396	0.00100	0.00100	1	05/03/2016 07:56	WG868976
1,2-Dichloropropane	U		0.000306	0.00100	0.00100	1	05/03/2016 07:56	WG868976
cis-1,3-Dichloropropene	U		0.000418	0.00100	0.00100	1	05/03/2016 07:56	WG868976
trans-1,3-Dichloropropene	U		0.000419	0.00100	0.00100	1	05/03/2016 07:56	WG868976
Ethylbenzene	U		0.000384	0.00100	0.00100	1	05/03/2016 07:56	WG868976
Isopropylbenzene	U		0.000326	0.00100	0.00100	1	05/03/2016 07:56	WG868976
p-Isopropyltoluene	U		0.000350	0.00100	0.00100	1	05/03/2016 07:56	WG868976
2-Butanone (MEK)	U		0.00393	0.0100	0.0100	1	05/03/2016 07:56	WG868976
2-Hexanone	U		0.00382	0.0100	0.0100	1	05/03/2016 07:56	WG868976
Methylene Chloride	U		0.00100	0.00500	0.00500	1	05/03/2016 07:56	WG868976
4-Methyl-2-pentanone (MIBK)	U		0.00214	0.0100	0.0100	1	05/03/2016 07:56	WG868976
Methyl tert-butyl ether	U		0.000367	0.00100	0.00100	1	05/03/2016 07:56	WG868976
Naphthalene	U		0.00100	0.00500	0.00500	1	05/03/2016 07:56	WG868976
n-Propylbenzene	U		0.000349	0.00100	0.00100	1	05/03/2016 07:56	WG868976
Styrene	U		0.000307	0.00100	0.00100	1	05/03/2016 07:56	WG868976
1,1,1,2-Tetrachloroethane	U		0.000385	0.00100	0.00100	1	05/03/2016 07:56	WG868976
1,1,2,2-Tetrachloroethane	U		0.000130	0.00100	0.00100	1	05/03/2016 07:56	WG868976
Tetrachloroethene	U		0.000372	0.00100	0.00100	1	05/03/2016 07:56	WG868976
Toluene	U		0.000780	0.00500	0.00500	1	05/03/2016 07:56	WG868976
1,1,1-Trichloroethane	U		0.000319	0.00100	0.00100	1	05/03/2016 07:56	WG868976
1,1,2-Trichloroethane	U		0.000383	0.00100	0.00100	1	05/03/2016 07:56	WG868976
Trichloroethene	U		0.000398	0.00100	0.00100	1	05/03/2016 07:56	WG868976
1,2,4-Trimethylbenzene	U		0.000373	0.00100	0.00100	1	05/03/2016 07:56	WG868976
1,3,5-Trimethylbenzene	U		0.000387	0.00100	0.00100	1	05/03/2016 07:56	WG868976
Vinyl chloride	U		0.000259	0.00100	0.00100	1	05/03/2016 07:56	WG868976
o-Xylene	U		0.000341	0.00100	0.00100	1	05/03/2016 07:56	WG868976
m&p-Xylene	U		0.000719	0.00100	0.00100	1	05/03/2016 07:56	WG868976
Xylenes, Total	U		0.00106	0.00300	0.00300	1	05/03/2016 07:56	WG868976
(S) Toluene-d8	*104*				*90.0-115*		*05/03/2016 07:56*	WG868976
(S) Dibromofluoromethane	*101*				*79.0-121*		*05/03/2016 07:56*	WG868976
(S) 4-Bromofluorobenzene	*93.9*				*80.1-120*		*05/03/2016 07:56*	WG868976

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Dissolved Solids	2290		2.82	10.0	10.0	1	05/03/2016 04:34	WG869083

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Nitrate-Nitrite	1.28		0.0197	0.100	0.100	1	05/05/2016 00:20	WG869396

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Chloride	142		2.60	1.00	50.0	50	05/04/2016 03:48	WG869278
Fluoride	0.347		0.00990	0.100	0.100	1	05/04/2016 03:33	WG869278
Sulfate	1290		3.87	5.00	250	50	05/04/2016 03:48	WG869278

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Calcium	449		0.230	1.00	5.00	5	05/05/2016 20:18	WG869255
Potassium	2.40	J	0.185	1.00	5.00	5	05/05/2016 20:18	WG869255
Sodium	117		0.550	1.00	5.00	5	05/05/2016 20:18	WG869255

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

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Acetone	U		0.0100	0.0500	0.0500	1	05/03/2016 12:42	WG868976
Benzene	U		0.000331	0.00100	0.00100	1	05/03/2016 12:42	WG868976
Bromodichloromethane	U		0.000380	0.00100	0.00100	1	05/03/2016 12:42	WG868976
Bromoform	U		0.000469	0.00100	0.00100	1	05/03/2016 12:42	WG868976
Bromomethane	U		0.000866	0.00500	0.00500	1	05/03/2016 12:42	WG868976
n-Butylbenzene	U		0.000361	0.00100	0.00100	1	05/03/2016 12:42	WG868976
sec-Butylbenzene	U		0.000365	0.00100	0.00100	1	05/03/2016 12:42	WG868976
Carbon disulfide	U		0.000275	0.00100	0.00100	1	05/03/2016 12:42	WG868976
Carbon tetrachloride	U		0.000379	0.00100	0.00100	1	05/03/2016 12:42	WG868976
Chlorobenzene	U		0.000348	0.00100	0.00100	1	05/03/2016 12:42	WG868976
Chlorodibromomethane	U		0.000327	0.00100	0.00100	1	05/03/2016 12:42	WG868976
Chloroethane	U		0.000453	0.00500	0.00500	1	05/03/2016 12:42	WG868976
Chloroform	U		0.000324	0.00500	0.00500	1	05/03/2016 12:42	WG868976
Chloromethane	U		0.000276	0.00250	0.00250	1	05/03/2016 12:42	WG868976
1,2-Dibromoethane	U		0.000381	0.00100	0.00100	1	05/03/2016 12:42	WG868976
1,1-Dichloroethane	U		0.000259	0.00100	0.00100	1	05/03/2016 12:42	WG868976
1,2-Dichloroethane	0.00221		0.000361	0.00100	0.00100	1	05/03/2016 12:42	WG868976
1,1-Dichloroethene	U		0.000398	0.00100	0.00100	1	05/03/2016 12:42	WG868976
cis-1,2-Dichloroethene	U		0.000260	0.00100	0.00100	1	05/03/2016 12:42	WG868976
trans-1,2-Dichloroethene	U		0.000396	0.00100	0.00100	1	05/03/2016 12:42	WG868976
1,2-Dichloropropane	U		0.000306	0.00100	0.00100	1	05/03/2016 12:42	WG868976
cis-1,3-Dichloropropene	U		0.000418	0.00100	0.00100	1	05/03/2016 12:42	WG868976
trans-1,3-Dichloropropene	U		0.000419	0.00100	0.00100	1	05/03/2016 12:42	WG868976
Ethylbenzene	U		0.000384	0.00100	0.00100	1	05/03/2016 12:42	WG868976
Isopropylbenzene	U		0.000326	0.00100	0.00100	1	05/03/2016 12:42	WG868976
p-Isopropyltoluene	U		0.000350	0.00100	0.00100	1	05/03/2016 12:42	WG868976
2-Butanone (MEK)	U		0.00393	0.0100	0.0100	1	05/03/2016 12:42	WG868976
2-Hexanone	U		0.00382	0.0100	0.0100	1	05/03/2016 12:42	WG868976
Methylene Chloride	U		0.00100	0.00500	0.00500	1	05/03/2016 12:42	WG868976
4-Methyl-2-pentanone (MIBK)	U		0.00214	0.0100	0.0100	1	05/03/2016 12:42	WG868976

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

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Methyl tert-butyl ether	0.0121		0.000367	0.00100	0.00100	1	05/03/2016 12:42	WG868976
Naphthalene	U		0.00100	0.00500	0.00500	1	05/03/2016 12:42	WG868976
n-Propylbenzene	U		0.000349	0.00100	0.00100	1	05/03/2016 12:42	WG868976
Styrene	U		0.000307	0.00100	0.00100	1	05/03/2016 12:42	WG868976
1,1,1,2-Tetrachloroethane	U		0.000385	0.00100	0.00100	1	05/03/2016 12:42	WG868976
1,1,2,2-Tetrachloroethane	U		0.000130	0.00100	0.00100	1	05/03/2016 12:42	WG868976
Tetrachloroethene	U		0.000372	0.00100	0.00100	1	05/03/2016 12:42	WG868976
Toluene	U		0.000780	0.00500	0.00500	1	05/03/2016 12:42	WG868976
1,1,1-Trichloroethane	U		0.000319	0.00100	0.00100	1	05/03/2016 12:42	WG868976
1,1,2-Trichloroethane	U		0.000383	0.00100	0.00100	1	05/03/2016 12:42	WG868976
Trichloroethene	U		0.000398	0.00100	0.00100	1	05/03/2016 12:42	WG868976
1,2,4-Trimethylbenzene	U		0.000373	0.00100	0.00100	1	05/03/2016 12:42	WG868976
1,3,5-Trimethylbenzene	U		0.000387	0.00100	0.00100	1	05/03/2016 12:42	WG868976
Vinyl chloride	U		0.000259	0.00100	0.00100	1	05/03/2016 12:42	WG868976
o-Xylene	U		0.000341	0.00100	0.00100	1	05/03/2016 12:42	WG868976
m&p-Xylene	U		0.000719	0.00100	0.00100	1	05/03/2016 12:42	WG868976
Xylenes, Total	U		0.00106	0.00300	0.00300	1	05/03/2016 12:42	WG868976
(S) Toluene-d8	*102*				*90.0-115*		*05/03/2016 12:42*	WG868976
(S) Dibromofluoromethane	*103*				*79.0-121*		*05/03/2016 12:42*	WG868976
(S) 4-Bromofluorobenzene	*97.6*				*80.1-120*		*05/03/2016 12:42*	WG868976

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	4580		2.82	10.0	10.0	1	05/03/2016 04:34	WG869083

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	150		0.394	0.100	2.00	20	05/09/2016 16:27	WG870487

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Chloride	491		2.60	1.00	50.0	50	05/04/2016 04:19	WG869278
Fluoride	3.96		0.00990	0.100	0.100	1	05/04/2016 04:03	WG869278
Sulfate	4280		3.87	5.00	250	50	05/04/2016 04:19	WG869278

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00234	J	0.00125	0.00200	0.0100	5	05/05/2016 20:21	WG869255
Arsenic,Dissolved	0.00273	J	0.00125	0.00200	0.0100	5	05/07/2016 00:21	WG869121
Barium	0.0141	B J	0.00180	0.00500	0.0250	5	05/06/2016 12:38	WG869255
Barium,Dissolved	0.0143	J	0.00180	0.00500	0.0250	5	05/07/2016 00:21	WG869121
Calcium	645		0.230	1.00	5.00	5	05/05/2016 20:21	WG869255
Chromium	U		0.00270	0.00200	0.0100	5	05/05/2016 20:21	WG869255
Chromium,Dissolved	U		0.00270	0.00200	0.0100	5	05/07/2016 00:21	WG869121
Iron	0.0916	J	0.0750	0.100	0.500	5	05/05/2016 20:21	WG869255
Iron,Dissolved	0.104	J	0.0750	0.100	0.500	5	05/07/2016 00:21	WG869121
Lead	U		0.00120	0.00200	0.0100	5	05/05/2016 20:21	WG869255
Lead,Dissolved	U		0.00120	0.00200	0.0100	5	05/07/2016 00:21	WG869121
Manganese	0.214		0.00125	0.00500	0.0250	5	05/05/2016 20:21	WG869255
Manganese,Dissolved	0.276		0.00125	0.00500	0.0250	5	05/07/2016 00:21	WG869121
Potassium	8.60		0.185	1.00	5.00	5	05/05/2016 20:21	WG869255
Selenium	0.0994		0.00190	0.00200	0.0100	5	05/05/2016 20:21	WG869255
Selenium,Dissolved	0.0837		0.00190	0.00200	0.0100	5	05/07/2016 00:21	WG869121
Sodium	969		0.550	1.00	5.00	5	05/05/2016 20:21	WG869255

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

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0100	0.0500	0.0500	1	05/03/2016 13:02	WG868976
Benzene	U		0.000331	0.00100	0.00100	1	05/03/2016 13:02	WG868976
Bromodichloromethane	U		0.000380	0.00100	0.00100	1	05/03/2016 13:02	WG868976
Bromoform	U		0.000469	0.00100	0.00100	1	05/03/2016 13:02	WG868976
Bromomethane	U		0.000866	0.00500	0.00500	1	05/03/2016 13:02	WG868976
n-Butylbenzene	U		0.000361	0.00100	0.00100	1	05/03/2016 13:02	WG868976
sec-Butylbenzene	U		0.000365	0.00100	0.00100	1	05/03/2016 13:02	WG868976
Carbon disulfide	U		0.000275	0.00100	0.00100	1	05/03/2016 13:02	WG868976
Carbon tetrachloride	U		0.000379	0.00100	0.00100	1	05/03/2016 13:02	WG868976
Chlorobenzene	U		0.000348	0.00100	0.00100	1	05/03/2016 13:02	WG868976
Chlorodibromomethane	U		0.000327	0.00100	0.00100	1	05/03/2016 13:02	WG868976
Chloroethane	U		0.000453	0.00500	0.00500	1	05/03/2016 13:02	WG868976
Chloroform	U		0.000324	0.00500	0.00500	1	05/03/2016 13:02	WG868976
Chloromethane	U		0.000276	0.00250	0.00250	1	05/03/2016 13:02	WG868976
1,2-Dibromoethane	U		0.000381	0.00100	0.00100	1	05/03/2016 13:02	WG868976
1,1-Dichloroethane	U		0.000259	0.00100	0.00100	1	05/03/2016 13:02	WG868976

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

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
1,2-Dichloroethane	U		0.000361	0.00100	0.00100	1	05/03/2016 13:02	WG868976
1,1-Dichloroethene	U		0.000398	0.00100	0.00100	1	05/03/2016 13:02	WG868976
cis-1,2-Dichloroethene	U		0.000260	0.00100	0.00100	1	05/03/2016 13:02	WG868976
trans-1,2-Dichloroethene	U		0.000396	0.00100	0.00100	1	05/03/2016 13:02	WG868976
1,2-Dichloropropane	U		0.000306	0.00100	0.00100	1	05/03/2016 13:02	WG868976
cis-1,3-Dichloropropene	U		0.000418	0.00100	0.00100	1	05/03/2016 13:02	WG868976
trans-1,3-Dichloropropene	U		0.000419	0.00100	0.00100	1	05/03/2016 13:02	WG868976
Ethylbenzene	U		0.000384	0.00100	0.00100	1	05/03/2016 13:02	WG868976
Isopropylbenzene	U		0.000326	0.00100	0.00100	1	05/03/2016 13:02	WG868976
p-Isopropyltoluene	U		0.000350	0.00100	0.00100	1	05/03/2016 13:02	WG868976
2-Butanone (MEK)	U		0.00393	0.0100	0.0100	1	05/03/2016 13:02	WG868976
2-Hexanone	U		0.00382	0.0100	0.0100	1	05/03/2016 13:02	WG868976
Methylene Chloride	U		0.00100	0.00500	0.00500	1	05/03/2016 13:02	WG868976
4-Methyl-2-pentanone (MIBK)	U		0.00214	0.0100	0.0100	1	05/03/2016 13:02	WG868976
Methyl tert-butyl ether	U		0.000367	0.00100	0.00100	1	05/03/2016 13:02	WG868976
Naphthalene	U		0.00100	0.00500	0.00500	1	05/03/2016 13:02	WG868976
n-Propylbenzene	U		0.000349	0.00100	0.00100	1	05/03/2016 13:02	WG868976
Styrene	U		0.000307	0.00100	0.00100	1	05/03/2016 13:02	WG868976
1,1,1,2-Tetrachloroethane	U		0.000385	0.00100	0.00100	1	05/03/2016 13:02	WG868976
1,1,2,2-Tetrachloroethane	U		0.000130	0.00100	0.00100	1	05/03/2016 13:02	WG868976
Tetrachloroethene	U		0.000372	0.00100	0.00100	1	05/03/2016 13:02	WG868976
Toluene	U		0.000780	0.00500	0.00500	1	05/03/2016 13:02	WG868976
1,1,1-Trichloroethane	U		0.000319	0.00100	0.00100	1	05/03/2016 13:02	WG868976
1,1,2-Trichloroethane	U		0.000383	0.00100	0.00100	1	05/03/2016 13:02	WG868976
Trichloroethene	U		0.000398	0.00100	0.00100	1	05/03/2016 13:02	WG868976
1,2,4-Trimethylbenzene	U		0.000373	0.00100	0.00100	1	05/03/2016 13:02	WG868976
1,3,5-Trimethylbenzene	U		0.000387	0.00100	0.00100	1	05/03/2016 13:02	WG868976
Vinyl chloride	U		0.000259	0.00100	0.00100	1	05/03/2016 13:02	WG868976
o-Xylene	U		0.000341	0.00100	0.00100	1	05/03/2016 13:02	WG868976
m&p-Xylene	U		0.000719	0.00100	0.00100	1	05/03/2016 13:02	WG868976
Xylenes, Total	U		0.00106	0.00300	0.00300	1	05/03/2016 13:02	WG868976
(S) Toluene-d8	*103*				*90.0-115*		*05/03/2016 13:02*	WG868976
(S) Dibromofluoromethane	*102*				*79.0-121*		*05/03/2016 13:02*	WG868976
(S) 4-Bromofluorobenzene	*98.3*				*80.1-120*		*05/03/2016 13:02*	WG868976

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	1.10		0.0247	0.100	0.100	1	05/04/2016 04:31	WG869248
(S) o-Terphenyl	*100*				*50.0-150*		*05/04/2016 04:31*	WG869248

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2310		2.82	10.0	10.0	1	05/03/2016 04:34	WG869083

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	0.602	J	0.197	0.100	1.00	10	05/09/2016 15:22	WG870487

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Chloride	415		2.60	1.00	50.0	50	05/04/2016 04:50	WG869278
Fluoride	1.30		0.00990	0.100	0.100	1	05/04/2016 04:34	WG869278
Sulfate	24.1		0.0774	5.00	5.00	1	05/04/2016 04:34	WG869278

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00316	J	0.00125	0.00200	0.0100	5	05/07/2016 04:07	WG869289
Arsenic,Dissolved	0.00285	J	0.00125	0.00200	0.0100	5	05/07/2016 00:24	WG869121
Barium	3.44	O1 V	0.00180	0.00500	0.0250	5	05/07/2016 04:07	WG869289
Barium,Dissolved	3.57		0.00180	0.00500	0.0250	5	05/07/2016 00:24	WG869121
Calcium	130	O1	0.230	1.00	5.00	5	05/07/2016 04:07	WG869289
Chromium	U		0.00270	0.00200	0.0100	5	05/07/2016 04:07	WG869289
Chromium,Dissolved	U		0.00270	0.00200	0.0100	5	05/07/2016 00:24	WG869121
Iron	0.328	J	0.0750	0.100	0.500	5	05/07/2016 04:07	WG869289
Iron,Dissolved	0.217	J	0.0750	0.100	0.500	5	05/07/2016 00:24	WG869121
Lead	U		0.00120	0.00200	0.0100	5	05/07/2016 04:07	WG869289
Lead,Dissolved	U		0.00120	0.00200	0.0100	5	05/07/2016 00:24	WG869121
Manganese	0.0363		0.00125	0.00500	0.0250	5	05/07/2016 04:07	WG869289
Manganese,Dissolved	0.0349		0.00125	0.00500	0.0250	5	05/07/2016 00:24	WG869121
Potassium	1.73	J	0.185	1.00	5.00	5	05/07/2016 04:07	WG869289
Selenium	0.00207	J	0.00190	0.00200	0.0100	5	05/07/2016 04:07	WG869289
Selenium,Dissolved	U		0.00190	0.00200	0.0100	5	05/07/2016 00:24	WG869121
Sodium	450	O1 V	0.550	1.00	5.00	5	05/07/2016 04:07	WG869289

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	5.50		0.0314	0.100	0.100	1	05/05/2016 23:45	WG870384
(S) a,a,a-Trifluorotoluene(FID)	*75.2*				*62.0-128*		*05/05/2016 23:45*	WG870384

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

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0100	0.0500	0.0500	1	05/03/2016 13:20	WG868976
Benzene	2.87		0.0166	0.00100	0.0500	50	05/06/2016 09:21	WG870046
Bromodichloromethane	U		0.000380	0.00100	0.00100	1	05/03/2016 13:20	WG868976
Bromoform	U		0.000469	0.00100	0.00100	1	05/03/2016 13:20	WG868976
Bromomethane	U		0.000866	0.00500	0.00500	1	05/03/2016 13:20	WG868976
n-Butylbenzene	0.00634		0.000361	0.00100	0.00100	1	05/03/2016 13:20	WG868976
sec-Butylbenzene	0.00699		0.000365	0.00100	0.00100	1	05/03/2016 13:20	WG868976
Carbon disulfide	0.000589	J	0.000275	0.00100	0.00100	1	05/03/2016 13:20	WG868976
Carbon tetrachloride	U		0.000379	0.00100	0.00100	1	05/03/2016 13:20	WG868976

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

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Chlorobenzene	U		0.000348	0.00100	0.00100	1	05/03/2016 13:20	WG868976
Chlorodibromomethane	U		0.000327	0.00100	0.00100	1	05/03/2016 13:20	WG868976
Chloroethane	U		0.000453	0.00500	0.00500	1	05/03/2016 13:20	WG868976
Chloroform	U		0.000324	0.00500	0.00500	1	05/03/2016 13:20	WG868976
Chloromethane	U		0.000276	0.00250	0.00250	1	05/03/2016 13:20	WG868976
1,2-Dibromoethane	U		0.000381	0.00100	0.00100	1	05/03/2016 13:20	WG868976
1,1-Dichloroethane	U		0.000259	0.00100	0.00100	1	05/03/2016 13:20	WG868976
1,2-Dichloroethane	U		0.000361	0.00100	0.00100	1	05/03/2016 13:20	WG868976
1,1-Dichloroethene	U		0.000398	0.00100	0.00100	1	05/03/2016 13:20	WG868976
cis-1,2-Dichloroethene	0.0640		0.000260	0.00100	0.00100	1	05/03/2016 13:20	WG868976
trans-1,2-Dichloroethene	0.000917	J	0.000396	0.00100	0.00100	1	05/03/2016 13:20	WG868976
1,2-Dichloropropane	U		0.000306	0.00100	0.00100	1	05/03/2016 13:20	WG868976
cis-1,3-Dichloropropene	U		0.000418	0.00100	0.00100	1	05/03/2016 13:20	WG868976
trans-1,3-Dichloropropene	U		0.000419	0.00100	0.00100	1	05/03/2016 13:20	WG868976
Ethylbenzene	0.462		0.0192	0.00100	0.0500	50	05/06/2016 09:21	WG870046
Isopropylbenzene	0.0373		0.000326	0.00100	0.00100	1	05/03/2016 13:20	WG868976
p-Isopropyltoluene	0.00344		0.000350	0.00100	0.00100	1	05/03/2016 13:20	WG868976
2-Butanone (MEK)	U		0.00393	0.0100	0.0100	1	05/03/2016 13:20	WG868976
2-Hexanone	U		0.00382	0.0100	0.0100	1	05/03/2016 13:20	WG868976
Methylene Chloride	U		0.00100	0.00500	0.00500	1	05/03/2016 13:20	WG868976
4-Methyl-2-pentanone (MIBK)	U		0.00214	0.0100	0.0100	1	05/03/2016 13:20	WG868976
Methyl tert-butyl ether	0.113		0.000367	0.00100	0.00100	1	05/03/2016 13:20	WG868976
Naphthalene	0.224	J	0.0500	0.00500	0.250	50	05/06/2016 09:21	WG870046
n-Propylbenzene	0.0510		0.000349	0.00100	0.00100	1	05/03/2016 13:20	WG868976
Styrene	U		0.000307	0.00100	0.00100	1	05/03/2016 13:20	WG868976
1,1,1,2-Tetrachloroethane	U		0.000385	0.00100	0.00100	1	05/03/2016 13:20	WG868976
1,1,2,2-Tetrachloroethane	U		0.000130	0.00100	0.00100	1	05/03/2016 13:20	WG868976
Tetrachloroethene	0.000488	J	0.000372	0.00100	0.00100	1	05/03/2016 13:20	WG868976
Toluene	0.0173		0.000780	0.00500	0.00500	1	05/03/2016 13:20	WG868976
1,1,1-Trichloroethane	U		0.000319	0.00100	0.00100	1	05/03/2016 13:20	WG868976
1,1,2-Trichloroethane	U		0.000383	0.00100	0.00100	1	05/03/2016 13:20	WG868976
Trichloroethene	U		0.000398	0.00100	0.00100	1	05/03/2016 13:20	WG868976
1,2,4-Trimethylbenzene	0.0588		0.000373	0.00100	0.00100	1	05/03/2016 13:20	WG868976
1,3,5-Trimethylbenzene	0.0174		0.000387	0.00100	0.00100	1	05/03/2016 13:20	WG868976
Vinyl chloride	0.000399	J	0.000259	0.00100	0.00100	1	05/03/2016 13:20	WG868976
o-Xylene	0.0268		0.000341	0.00100	0.00100	1	05/03/2016 13:20	WG868976
m&p-Xylene	0.161		0.000719	0.00100	0.00100	1	05/03/2016 13:20	WG868976
Xylenes, Total	0.188		0.00106	0.00300	0.00300	1	05/03/2016 13:20	WG868976
(S) Toluene-d8	*103*				*90.0-115*		*05/03/2016 13:20*	WG868976
(S) Toluene-d8	*102*				*90.0-115*		*05/06/2016 09:21*	WG870046
(S) Dibromofluoromethane	*112*				*79.0-121*		*05/06/2016 09:21*	WG870046
(S) Dibromofluoromethane	*84.9*				*79.0-121*		*05/03/2016 13:20*	WG868976
(S) 4-Bromofluorobenzene	*98.2*				*80.1-120*		*05/03/2016 13:20*	WG868976
(S) 4-Bromofluorobenzene	*86.8*				*80.1-120*		*05/06/2016 09:21*	WG870046

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	20.4		0.494	0.100	2.00	20	05/04/2016 15:05	WG869248
(S) o-Terphenyl	*116*	J7			*50.0-150*		*05/04/2016 15:05*	WG869248

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2990		2.82	10.0	10.0	1	05/03/2016 04:34	WG869083

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	0.422	J	0.197	0.100	1.00	10	05/09/2016 15:23	WG870487

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Chloride	180		2.60	1.00	50.0	50	05/04/2016 05:21	WG869278
Fluoride	1.38		0.00990	0.100	0.100	1	05/04/2016 05:05	WG869278
Sulfate	1500		3.87	5.00	250	50	05/04/2016 05:21	WG869278

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00695	J	0.00125	0.00200	0.0100	5	05/07/2016 04:17	WG869289
Arsenic,Dissolved	0.00435	J	0.00125	0.00200	0.0100	5	05/07/2016 00:27	WG869121
Barium	0.0414		0.00180	0.00500	0.0250	5	05/07/2016 04:17	WG869289
Barium,Dissolved	0.0367		0.00180	0.00500	0.0250	5	05/07/2016 00:27	WG869121
Calcium	505		0.230	1.00	5.00	5	05/07/2016 04:17	WG869289
Chromium	U		0.00270	0.00200	0.0100	5	05/07/2016 04:17	WG869289
Chromium,Dissolved	U		0.00270	0.00200	0.0100	5	05/07/2016 00:27	WG869121
Iron	17.1		0.0750	0.100	0.500	5	05/07/2016 04:17	WG869289
Iron,Dissolved	11.3		0.0750	0.100	0.500	5	05/07/2016 00:27	WG869121
Lead	0.00149	J	0.00120	0.00200	0.0100	5	05/07/2016 04:17	WG869289
Lead,Dissolved	U		0.00120	0.00200	0.0100	5	05/07/2016 00:27	WG869121
Manganese	0.317		0.00125	0.00500	0.0250	5	05/07/2016 04:17	WG869289
Manganese,Dissolved	0.301		0.00125	0.00500	0.0250	5	05/07/2016 00:27	WG869121
Potassium	6.39		0.185	1.00	5.00	5	05/07/2016 04:17	WG869289
Selenium	0.00246	J	0.00190	0.00200	0.0100	5	05/07/2016 04:17	WG869289
Selenium,Dissolved	U		0.00190	0.00200	0.0100	5	05/07/2016 00:27	WG869121
Sodium	203		0.550	1.00	5.00	5	05/07/2016 04:17	WG869289

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	2.13		0.0314	0.100	0.100	1	05/06/2016 00:08	WG870384
(S) a,a,a-Trifluorotoluene(FID)	*94.9*				*62.0-128*		*05/06/2016 00:08*	WG870384

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

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0100	0.0500	0.0500	1	05/03/2016 13:39	WG868976
Benzene	0.426		0.0166	0.00100	0.0500	50	05/06/2016 09:43	WG870046
Bromodichloromethane	U		0.000380	0.00100	0.00100	1	05/03/2016 13:39	WG868976
Bromoform	U		0.000469	0.00100	0.00100	1	05/03/2016 13:39	WG868976
Bromomethane	U		0.000866	0.00500	0.00500	1	05/03/2016 13:39	WG868976
n-Butylbenzene	0.000511	J	0.000361	0.00100	0.00100	1	05/03/2016 13:39	WG868976
sec-Butylbenzene	0.000968	J	0.000365	0.00100	0.00100	1	05/03/2016 13:39	WG868976
Carbon disulfide	0.000422	J	0.000275	0.00100	0.00100	1	05/03/2016 13:39	WG868976
Carbon tetrachloride	U		0.000379	0.00100	0.00100	1	05/03/2016 13:39	WG868976

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

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Chlorobenzene	U		0.000348	0.00100	0.00100	1	05/03/2016 13:39	WG868976
Chlorodibromomethane	U		0.000327	0.00100	0.00100	1	05/03/2016 13:39	WG868976
Chloroethane	U		0.000453	0.00500	0.00500	1	05/03/2016 13:39	WG868976
Chloroform	U		0.000324	0.00500	0.00500	1	05/03/2016 13:39	WG868976
Chloromethane	U		0.000276	0.00250	0.00250	1	05/03/2016 13:39	WG868976
1,2-Dibromoethane	U		0.000381	0.00100	0.00100	1	05/03/2016 13:39	WG868976
1,1-Dichloroethane	U		0.000259	0.00100	0.00100	1	05/03/2016 13:39	WG868976
1,2-Dichloroethane	U		0.000361	0.00100	0.00100	1	05/03/2016 13:39	WG868976
1,1-Dichloroethene	0.000763	J	0.000398	0.00100	0.00100	1	05/03/2016 13:39	WG868976
cis-1,2-Dichloroethene	2.14		0.0130	0.00100	0.0500	50	05/06/2016 09:43	WG870046
trans-1,2-Dichloroethene	0.0250		0.000396	0.00100	0.00100	1	05/03/2016 13:39	WG868976
1,2-Dichloropropane	U		0.000306	0.00100	0.00100	1	05/03/2016 13:39	WG868976
cis-1,3-Dichloropropene	U		0.000418	0.00100	0.00100	1	05/03/2016 13:39	WG868976
trans-1,3-Dichloropropene	U		0.000419	0.00100	0.00100	1	05/03/2016 13:39	WG868976
Ethylbenzene	0.0214		0.000384	0.00100	0.00100	1	05/03/2016 13:39	WG868976
Isopropylbenzene	U		0.000326	0.00100	0.00100	1	05/03/2016 13:39	WG868976
p-Isopropyltoluene	U		0.000350	0.00100	0.00100	1	05/03/2016 13:39	WG868976
2-Butanone (MEK)	U		0.00393	0.0100	0.0100	1	05/03/2016 13:39	WG868976
2-Hexanone	U		0.00382	0.0100	0.0100	1	05/03/2016 13:39	WG868976
Methylene Chloride	U		0.00100	0.00500	0.00500	1	05/03/2016 13:39	WG868976
4-Methyl-2-pentanone (MIBK)	U		0.00214	0.0100	0.0100	1	05/03/2016 13:39	WG868976
Methyl tert-butyl ether	0.0133		0.000367	0.00100	0.00100	1	05/03/2016 13:39	WG868976
Naphthalene	0.00762		0.00100	0.00500	0.00500	1	05/03/2016 13:39	WG868976
n-Propylbenzene	0.00513		0.000349	0.00100	0.00100	1	05/03/2016 13:39	WG868976
Styrene	U		0.000307	0.00100	0.00100	1	05/03/2016 13:39	WG868976
1,1,1,2-Tetrachloroethane	U		0.000385	0.00100	0.00100	1	05/03/2016 13:39	WG868976
1,1,2,2-Tetrachloroethane	U		0.000130	0.00100	0.00100	1	05/03/2016 13:39	WG868976
Tetrachloroethene	0.00258		0.000372	0.00100	0.00100	1	05/03/2016 13:39	WG868976
Toluene	0.00542		0.000780	0.00500	0.00500	1	05/03/2016 13:39	WG868976
1,1,1-Trichloroethane	U		0.000319	0.00100	0.00100	1	05/03/2016 13:39	WG868976
1,1,2-Trichloroethane	U		0.000383	0.00100	0.00100	1	05/03/2016 13:39	WG868976
Trichloroethene	0.00959		0.000398	0.00100	0.00100	1	05/03/2016 13:39	WG868976
1,2,4-Trimethylbenzene	0.00369		0.000373	0.00100	0.00100	1	05/03/2016 13:39	WG868976
1,3,5-Trimethylbenzene	0.000516	J	0.000387	0.00100	0.00100	1	05/03/2016 13:39	WG868976
Vinyl chloride	0.00116		0.000259	0.00100	0.00100	1	05/03/2016 13:39	WG868976
o-Xylene	0.00110		0.000341	0.00100	0.00100	1	05/03/2016 13:39	WG868976
m&p-Xylene	0.0111		0.000719	0.00100	0.00100	1	05/03/2016 13:39	WG868976
Xylenes, Total	0.0122		0.00106	0.00300	0.00300	1	05/03/2016 13:39	WG868976
(S) Toluene-d8	*102*				*90.0-115*		*05/03/2016 13:39*	WG868976
(S) Toluene-d8	*102*				*90.0-115*		*05/06/2016 09:43*	WG870046
(S) Dibromofluoromethane	*115*				*79.0-121*		*05/06/2016 09:43*	WG870046
(S) Dibromofluoromethane	*99.6*				*79.0-121*		*05/03/2016 13:39*	WG868976
(S) 4-Bromofluorobenzene	*98.6*				*80.1-120*		*05/03/2016 13:39*	WG868976
(S) 4-Bromofluorobenzene	*84.4*				*80.1-120*		*05/06/2016 09:43*	WG870046

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	8.54		0.0247	0.100	0.100	1	05/04/2016 05:05	WG869248
(S) o-Terphenyl	*111*				*50.0-150*		*05/04/2016 05:05*	WG869248

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	2270		2.82	10.0	10.0	1	05/03/2016 04:34	WG869083

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	0.320	J	0.197	0.100	1.00	10	05/09/2016 15:24	WG870487

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Chloride	37.1		0.0519	1.00	1.00	1	05/03/2016 14:42	WG869281
Fluoride	1.37		0.00990	0.100	0.100	1	05/03/2016 14:42	WG869281
Sulfate	776		3.87	5.00	250	50	05/03/2016 14:57	WG869281

Metals (ICP) by Method 6010B

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Selenium	U		0.00740	0.0100	0.0100	1	05/19/2016 21:14	WG873945
Selenium,Dissolved	U	J3 J6	0.00740	0.0100	0.0100	1	05/19/2016 21:50	WG873946

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00660	J	0.00125	0.00200	0.0100	5	05/07/2016 04:20	WG869289
Arsenic,Dissolved	0.00741	J J3 J6	0.00125	0.00200	0.0100	5	05/07/2016 02:46	WG869123
Barium	0.0716		0.00180	0.00500	0.0250	5	05/07/2016 04:20	WG869289
Barium,Dissolved	0.0650	O1	0.00180	0.00500	0.0250	5	05/07/2016 02:46	WG869123
Calcium	379		0.230	1.00	5.00	5	05/07/2016 04:20	WG869289
Chromium	U		0.00270	0.00200	0.0100	5	05/07/2016 04:20	WG869289
Chromium,Dissolved	U		0.00270	0.00200	0.0100	5	05/07/2016 02:46	WG869123
Iron	U		0.0750	0.100	0.500	5	05/07/2016 04:20	WG869289
Iron,Dissolved	U		0.0750	0.100	0.500	5	05/07/2016 02:46	WG869123
Lead	0.00376	J	0.00120	0.00200	0.0100	5	05/07/2016 04:20	WG869289
Lead,Dissolved	0.00386	J	0.00120	0.00200	0.0100	5	05/07/2016 02:46	WG869123
Manganese	0.00267	J	0.00125	0.00500	0.0250	5	05/07/2016 04:20	WG869289
Manganese,Dissolved	0.00359	J	0.00125	0.00500	0.0250	5	05/07/2016 02:46	WG869123
Potassium	0.464	J	0.185	1.00	5.00	5	05/07/2016 04:20	WG869289
Sodium	36.6		0.550	1.00	5.00	5	05/07/2016 04:20	WG869289

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	22.1		0.157	0.100	0.500	5	05/06/2016 00:31	WG870384
(S) a,a,a-Trifluorotoluene(FID)	*101*				*62.0-128*		*05/06/2016 00:31*	WG870384

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

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.500	0.0500	2.50	50	05/03/2016 13:59	WG868976
Benzene	3.85		0.0166	0.00100	0.0500	50	05/03/2016 13:59	WG868976
Bromodichloromethane	U		0.0190	0.00100	0.0500	50	05/03/2016 13:59	WG868976
Bromoform	U		0.0234	0.00100	0.0500	50	05/03/2016 13:59	WG868976
Bromomethane	U		0.0433	0.00500	0.250	50	05/03/2016 13:59	WG868976

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

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
n-Butylbenzene	U		0.0180	0.00100	0.0500	50	05/03/2016 13:59	WG868976
sec-Butylbenzene	U		0.0182	0.00100	0.0500	50	05/03/2016 13:59	WG868976
Carbon disulfide	U		0.0138	0.00100	0.0500	50	05/03/2016 13:59	WG868976
Carbon tetrachloride	U		0.0190	0.00100	0.0500	50	05/03/2016 13:59	WG868976
Chlorobenzene	U		0.0174	0.00100	0.0500	50	05/03/2016 13:59	WG868976
Chlorodibromomethane	U		0.0164	0.00100	0.0500	50	05/03/2016 13:59	WG868976
Chloroethane	U		0.0226	0.00500	0.250	50	05/03/2016 13:59	WG868976
Chloroform	U		0.0162	0.00500	0.250	50	05/03/2016 13:59	WG868976
Chloromethane	U		0.0138	0.00250	0.125	50	05/03/2016 13:59	WG868976
1,2-Dibromoethane	U		0.0190	0.00100	0.0500	50	05/03/2016 13:59	WG868976
1,1-Dichloroethane	U		0.0130	0.00100	0.0500	50	05/03/2016 13:59	WG868976
1,2-Dichloroethane	U		0.0180	0.00100	0.0500	50	05/03/2016 13:59	WG868976
1,1-Dichloroethene	U		0.0199	0.00100	0.0500	50	05/03/2016 13:59	WG868976
cis-1,2-Dichloroethene	U		0.0130	0.00100	0.0500	50	05/03/2016 13:59	WG868976
trans-1,2-Dichloroethene	U		0.0198	0.00100	0.0500	50	05/03/2016 13:59	WG868976
1,2-Dichloropropane	U		0.0153	0.00100	0.0500	50	05/03/2016 13:59	WG868976
cis-1,3-Dichloropropene	U		0.0209	0.00100	0.0500	50	05/03/2016 13:59	WG868976
trans-1,3-Dichloropropene	U		0.0210	0.00100	0.0500	50	05/03/2016 13:59	WG868976
Ethylbenzene	0.899		0.0192	0.00100	0.0500	50	05/03/2016 13:59	WG868976
Isopropylbenzene	0.118		0.0163	0.00100	0.0500	50	05/03/2016 13:59	WG868976
p-Isopropyltoluene	U		0.0175	0.00100	0.0500	50	05/03/2016 13:59	WG868976
2-Butanone (MEK)	U		0.196	0.0100	0.500	50	05/03/2016 13:59	WG868976
2-Hexanone	U		0.191	0.0100	0.500	50	05/03/2016 13:59	WG868976
Methylene Chloride	U		0.0500	0.00500	0.250	50	05/03/2016 13:59	WG868976
4-Methyl-2-pentanone (MIBK)	U		0.107	0.0100	0.500	50	05/03/2016 13:59	WG868976
Methyl tert-butyl ether	U		0.0184	0.00100	0.0500	50	05/03/2016 13:59	WG868976
Naphthalene	0.124	J	0.0500	0.00500	0.250	50	05/03/2016 13:59	WG868976
n-Propylbenzene	0.140		0.0174	0.00100	0.0500	50	05/03/2016 13:59	WG868976
Styrene	U		0.0154	0.00100	0.0500	50	05/03/2016 13:59	WG868976
1,1,1,2-Tetrachloroethane	U		0.0192	0.00100	0.0500	50	05/03/2016 13:59	WG868976
1,1,2,2-Tetrachloroethane	U		0.00650	0.00100	0.0500	50	05/03/2016 13:59	WG868976
Tetrachloroethene	U		0.0186	0.00100	0.0500	50	05/03/2016 13:59	WG868976
Toluene	4.01		0.0390	0.00500	0.250	50	05/03/2016 13:59	WG868976
1,1,1-Trichloroethane	U		0.0160	0.00100	0.0500	50	05/03/2016 13:59	WG868976
1,1,2-Trichloroethane	U		0.0192	0.00100	0.0500	50	05/03/2016 13:59	WG868976
Trichloroethene	U		0.0199	0.00100	0.0500	50	05/03/2016 13:59	WG868976
1,2,4-Trimethylbenzene	0.266		0.0186	0.00100	0.0500	50	05/03/2016 13:59	WG868976
1,3,5-Trimethylbenzene	0.0719		0.0194	0.00100	0.0500	50	05/03/2016 13:59	WG868976
Vinyl chloride	U		0.0130	0.00100	0.0500	50	05/03/2016 13:59	WG868976
o-Xylene	0.365		0.0170	0.00100	0.0500	50	05/03/2016 13:59	WG868976
m&p-Xylene	1.33		0.0360	0.00100	0.0500	50	05/03/2016 13:59	WG868976
Xylenes, Total	1.69		0.0530	0.00300	0.150	50	05/03/2016 13:59	WG868976
(S) Toluene-d8	*102*				*90.0-115*		*05/03/2016 13:59*	WG868976
(S) Dibromofluoromethane	*99.1*				*79.0-121*		*05/03/2016 13:59*	WG868976
(S) 4-Bromofluorobenzene	*98.4*				*80.1-120*		*05/03/2016 13:59*	WG868976

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	22.2		0.494	0.100	2.00	20	05/04/2016 15:21	WG869259
(S) o-Terphenyl	*120*	J7			*50.0-150*		*05/04/2016 15:21*	WG869259

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	5180		2.82	10.0	10.0	1	05/03/2016 06:19	WG869085

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	0.377	J	0.197	0.100	1.00	10	05/09/2016 15:25	WG870487

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Chloride	85.9		0.0519	1.00	1.00	1	05/03/2016 15:12	WG869281
Fluoride	6.25		0.00990	0.100	0.100	1	05/03/2016 15:12	WG869281
Sulfate	3250		3.87	5.00	250	50	05/03/2016 15:27	WG869281

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.0111		0.00125	0.00200	0.0100	5	05/07/2016 04:23	WG869289
Arsenic,Dissolved	0.00739	J	0.00125	0.00200	0.0100	5	05/07/2016 02:56	WG869123
Barium	0.0140	J	0.00180	0.00500	0.0250	5	05/07/2016 04:23	WG869289
Barium,Dissolved	0.0116	J	0.00180	0.00500	0.0250	5	05/07/2016 02:56	WG869123
Calcium	411		0.230	1.00	5.00	5	05/07/2016 04:23	WG869289
Chromium	U		0.00270	0.00200	0.0100	5	05/07/2016 04:23	WG869289
Chromium,Dissolved	U		0.00270	0.00200	0.0100	5	05/07/2016 02:56	WG869123
Iron	1.34		0.0750	0.100	0.500	5	05/07/2016 04:23	WG869289
Iron,Dissolved	U		0.0750	0.100	0.500	5	05/07/2016 02:56	WG869123
Lead	U		0.00120	0.00200	0.0100	5	05/07/2016 04:23	WG869289
Lead,Dissolved	U		0.00120	0.00200	0.0100	5	05/07/2016 02:56	WG869123
Manganese	0.166		0.00125	0.00500	0.0250	5	05/07/2016 04:23	WG869289
Manganese,Dissolved	0.158		0.00125	0.00500	0.0250	5	05/07/2016 02:56	WG869123
Potassium	1.69	J	0.185	1.00	5.00	5	05/07/2016 04:23	WG869289
Selenium	0.00262	J	0.00190	0.00200	0.0100	5	05/07/2016 04:23	WG869289
Selenium,Dissolved	0.00584	J	0.00190	0.00200	0.0100	5	05/19/2016 15:21	WG869123
Sodium	246		0.550	1.00	5.00	5	05/07/2016 04:23	WG869289

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.119		0.0314	0.100	0.100	1	05/06/2016 00:54	WG870384
(S) a,a,a-Trifluorotoluene(FID)	*102*				*62.0-128*		*05/06/2016 00:54*	WG870384

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

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0100	0.0500	0.0500	1	05/03/2016 14:18	WG868976
Benzene	0.00662		0.000331	0.00100	0.00100	1	05/03/2016 14:18	WG868976
Bromodichloromethane	U		0.000380	0.00100	0.00100	1	05/03/2016 14:18	WG868976
Bromoform	U		0.000469	0.00100	0.00100	1	05/03/2016 14:18	WG868976
Bromomethane	U		0.000866	0.00500	0.00500	1	05/03/2016 14:18	WG868976
n-Butylbenzene	U		0.000361	0.00100	0.00100	1	05/03/2016 14:18	WG868976
sec-Butylbenzene	0.000888	J	0.000365	0.00100	0.00100	1	05/03/2016 14:18	WG868976
Carbon disulfide	U		0.000275	0.00100	0.00100	1	05/03/2016 14:18	WG868976
Carbon tetrachloride	U		0.000379	0.00100	0.00100	1	05/03/2016 14:18	WG868976

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

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Chlorobenzene	U		0.000348	0.00100	0.00100	1	05/03/2016 14:18	WG868976
Chlorodibromomethane	U		0.000327	0.00100	0.00100	1	05/03/2016 14:18	WG868976
Chloroethane	U		0.000453	0.00500	0.00500	1	05/03/2016 14:18	WG868976
Chloroform	U		0.000324	0.00500	0.00500	1	05/03/2016 14:18	WG868976
Chloromethane	U		0.000276	0.00250	0.00250	1	05/03/2016 14:18	WG868976
1,2-Dibromoethane	U		0.000381	0.00100	0.00100	1	05/03/2016 14:18	WG868976
1,1-Dichloroethane	U		0.000259	0.00100	0.00100	1	05/03/2016 14:18	WG868976
1,2-Dichloroethane	U		0.000361	0.00100	0.00100	1	05/03/2016 14:18	WG868976
1,1-Dichloroethene	U		0.000398	0.00100	0.00100	1	05/03/2016 14:18	WG868976
cis-1,2-Dichloroethene	0.000294	J	0.000260	0.00100	0.00100	1	05/03/2016 14:18	WG868976
trans-1,2-Dichloroethene	U		0.000396	0.00100	0.00100	1	05/03/2016 14:18	WG868976
1,2-Dichloropropane	U		0.000306	0.00100	0.00100	1	05/03/2016 14:18	WG868976
cis-1,3-Dichloropropene	U		0.000418	0.00100	0.00100	1	05/03/2016 14:18	WG868976
trans-1,3-Dichloropropene	U		0.000419	0.00100	0.00100	1	05/03/2016 14:18	WG868976
Ethylbenzene	U		0.000384	0.00100	0.00100	1	05/03/2016 14:18	WG868976
Isopropylbenzene	0.00803		0.000326	0.00100	0.00100	1	05/03/2016 14:18	WG868976
p-Isopropyltoluene	U		0.000350	0.00100	0.00100	1	05/03/2016 14:18	WG868976
2-Butanone (MEK)	U		0.00393	0.0100	0.0100	1	05/03/2016 14:18	WG868976
2-Hexanone	U		0.00382	0.0100	0.0100	1	05/03/2016 14:18	WG868976
Methylene Chloride	U		0.00100	0.00500	0.00500	1	05/03/2016 14:18	WG868976
4-Methyl-2-pentanone (MIBK)	U		0.00214	0.0100	0.0100	1	05/03/2016 14:18	WG868976
Methyl tert-butyl ether	U		0.000367	0.00100	0.00100	1	05/03/2016 14:18	WG868976
Naphthalene	0.00105	J	0.00100	0.00500	0.00500	1	05/03/2016 14:18	WG868976
n-Propylbenzene	0.00142		0.000349	0.00100	0.00100	1	05/03/2016 14:18	WG868976
Styrene	U		0.000307	0.00100	0.00100	1	05/03/2016 14:18	WG868976
1,1,1,2-Tetrachloroethane	U		0.000385	0.00100	0.00100	1	05/03/2016 14:18	WG868976
1,1,2,2-Tetrachloroethane	U		0.000130	0.00100	0.00100	1	05/03/2016 14:18	WG868976
Tetrachloroethene	U		0.000372	0.00100	0.00100	1	05/03/2016 14:18	WG868976
Toluene	U		0.000780	0.00500	0.00500	1	05/03/2016 14:18	WG868976
1,1,1-Trichloroethane	U		0.000319	0.00100	0.00100	1	05/03/2016 14:18	WG868976
1,1,2-Trichloroethane	U		0.000383	0.00100	0.00100	1	05/03/2016 14:18	WG868976
Trichloroethene	U		0.000398	0.00100	0.00100	1	05/03/2016 14:18	WG868976
1,2,4-Trimethylbenzene	U		0.000373	0.00100	0.00100	1	05/03/2016 14:18	WG868976
1,3,5-Trimethylbenzene	U		0.000387	0.00100	0.00100	1	05/03/2016 14:18	WG868976
Vinyl chloride	U		0.000259	0.00100	0.00100	1	05/03/2016 14:18	WG868976
o-Xylene	U		0.000341	0.00100	0.00100	1	05/03/2016 14:18	WG868976
m&p-Xylene	U		0.000719	0.00100	0.00100	1	05/03/2016 14:18	WG868976
Xylenes, Total	U		0.00106	0.00300	0.00300	1	05/03/2016 14:18	WG868976
(S) Toluene-d8	*103*				*90.0-115*		*05/03/2016 14:18*	WG868976
(S) Dibromofluoromethane	*103*				*79.0-121*		*05/03/2016 14:18*	WG868976
(S) 4-Bromofluorobenzene	*98.0*				*80.1-120*		*05/03/2016 14:18*	WG868976

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	4.03		0.0247	0.100	0.100	1	05/04/2016 05:38	WG869259
(S) o-Terphenyl	*103*				*50.0-150*		*05/04/2016 05:38*	WG869259

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	1590		2.82	10.0	10.0	1	05/03/2016 06:19	WG869085

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	0.313	J	0.197	0.100	1.00	10	05/09/2016 15:32	WG870487

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Chloride	159		0.519	1.00	10.0	10	05/04/2016 03:10	WG869281
Fluoride	1.18		0.00990	0.100	0.100	1	05/03/2016 15:44	WG869281
Sulfate	255		0.774	5.00	50.0	10	05/04/2016 03:10	WG869281

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00463	J	0.00125	0.00200	0.0100	5	05/07/2016 04:31	WG869289
Arsenic,Dissolved	0.00429	J	0.00125	0.00200	0.0100	5	05/07/2016 02:59	WG869123
Barium	0.155		0.00180	0.00500	0.0250	5	05/07/2016 04:31	WG869289
Barium,Dissolved	0.141		0.00180	0.00500	0.0250	5	05/07/2016 02:59	WG869123
Calcium	187		0.230	1.00	5.00	5	05/07/2016 04:31	WG869289
Chromium	U		0.00270	0.00200	0.0100	5	05/07/2016 04:31	WG869289
Chromium,Dissolved	U		0.00270	0.00200	0.0100	5	05/07/2016 02:59	WG869123
Iron	U		0.0750	0.100	0.500	5	05/07/2016 04:31	WG869289
Iron,Dissolved	U		0.0750	0.100	0.500	5	05/07/2016 02:59	WG869123
Lead	U		0.00120	0.00200	0.0100	5	05/07/2016 04:31	WG869289
Lead,Dissolved	U		0.00120	0.00200	0.0100	5	05/07/2016 02:59	WG869123
Manganese	0.00174	J	0.00125	0.00500	0.0250	5	05/07/2016 04:31	WG869289
Manganese,Dissolved	0.00127	J	0.00125	0.00500	0.0250	5	05/07/2016 02:59	WG869123
Potassium	1.10	J	0.185	1.00	5.00	5	05/07/2016 04:31	WG869289
Selenium	U		0.00190	0.00200	0.0100	5	05/07/2016 04:31	WG869289
Selenium,Dissolved	0.00330	J	0.00190	0.00200	0.0100	5	05/19/2016 15:24	WG869123
Sodium	234		0.550	1.00	5.00	5	05/07/2016 04:31	WG869289

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	25.3		0.157	0.100	0.500	5	05/06/2016 01:17	WG870384
(S) a,a,a-Trifluorotoluene(FID)	*96.4*				*62.0-128*		*05/06/2016 01:17*	WG870384

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

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.200	0.0500	1.00	20	05/03/2016 14:37	WG868976
Benzene	U		0.00662	0.00100	0.0200	20	05/03/2016 14:37	WG868976
Bromodichloromethane	U		0.00760	0.00100	0.0200	20	05/03/2016 14:37	WG868976
Bromoform	U		0.00938	0.00100	0.0200	20	05/03/2016 14:37	WG868976
Bromomethane	U		0.0173	0.00500	0.100	20	05/03/2016 14:37	WG868976
n-Butylbenzene	U		0.00722	0.00100	0.0200	20	05/03/2016 14:37	WG868976
sec-Butylbenzene	0.0104	J	0.00730	0.00100	0.0200	20	05/03/2016 14:37	WG868976
Carbon disulfide	U		0.00550	0.00100	0.0200	20	05/03/2016 14:37	WG868976
Carbon tetrachloride	U		0.00758	0.00100	0.0200	20	05/03/2016 14:37	WG868976

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

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Chlorobenzene	U		0.00696	0.00100	0.0200	20	05/03/2016 14:37	WG868976
Chlorodibromomethane	U		0.00654	0.00100	0.0200	20	05/03/2016 14:37	WG868976
Chloroethane	U		0.00906	0.00500	0.100	20	05/03/2016 14:37	WG868976
Chloroform	U		0.00648	0.00500	0.100	20	05/03/2016 14:37	WG868976
Chloromethane	U		0.00552	0.00250	0.0500	20	05/03/2016 14:37	WG868976
1,2-Dibromoethane	U		0.00762	0.00100	0.0200	20	05/03/2016 14:37	WG868976
1,1-Dichloroethane	U		0.00518	0.00100	0.0200	20	05/03/2016 14:37	WG868976
1,2-Dichloroethane	U		0.00722	0.00100	0.0200	20	05/03/2016 14:37	WG868976
1,1-Dichloroethene	U		0.00796	0.00100	0.0200	20	05/03/2016 14:37	WG868976
cis-1,2-Dichloroethene	U		0.00520	0.00100	0.0200	20	05/03/2016 14:37	WG868976
trans-1,2-Dichloroethene	U		0.00792	0.00100	0.0200	20	05/03/2016 14:37	WG868976
1,2-Dichloropropane	U		0.00612	0.00100	0.0200	20	05/03/2016 14:37	WG868976
cis-1,3-Dichloropropene	U		0.00836	0.00100	0.0200	20	05/03/2016 14:37	WG868976
trans-1,3-Dichloropropene	U		0.00838	0.00100	0.0200	20	05/03/2016 14:37	WG868976
Ethylbenzene	U		0.00768	0.00100	0.0200	20	05/03/2016 14:37	WG868976
Isopropylbenzene	0.0853		0.00652	0.00100	0.0200	20	05/03/2016 14:37	WG868976
p-Isopropyltoluene	U		0.00700	0.00100	0.0200	20	05/03/2016 14:37	WG868976
2-Butanone (MEK)	U		0.0786	0.0100	0.200	20	05/03/2016 14:37	WG868976
2-Hexanone	U		0.0764	0.0100	0.200	20	05/03/2016 14:37	WG868976
Methylene Chloride	U		0.0200	0.00500	0.100	20	05/03/2016 14:37	WG868976
4-Methyl-2-pentanone (MIBK)	U		0.0428	0.0100	0.200	20	05/03/2016 14:37	WG868976
Methyl tert-butyl ether	32.9		0.367	0.00100	1.00	1000	05/06/2016 10:04	WG870046
Naphthalene	U		0.0200	0.00500	0.100	20	05/03/2016 14:37	WG868976
n-Propylbenzene	0.0861		0.00698	0.00100	0.0200	20	05/03/2016 14:37	WG868976
Styrene	U		0.00614	0.00100	0.0200	20	05/03/2016 14:37	WG868976
1,1,1,2-Tetrachloroethane	U		0.00770	0.00100	0.0200	20	05/03/2016 14:37	WG868976
1,1,2,2-Tetrachloroethane	U		0.00260	0.00100	0.0200	20	05/03/2016 14:37	WG868976
Tetrachloroethene	U		0.00744	0.00100	0.0200	20	05/03/2016 14:37	WG868976
Toluene	U		0.0156	0.00500	0.100	20	05/03/2016 14:37	WG868976
1,1,1-Trichloroethane	U		0.00638	0.00100	0.0200	20	05/03/2016 14:37	WG868976
1,1,2-Trichloroethane	U		0.00766	0.00100	0.0200	20	05/03/2016 14:37	WG868976
Trichloroethene	U		0.00796	0.00100	0.0200	20	05/03/2016 14:37	WG868976
1,2,4-Trimethylbenzene	U		0.00746	0.00100	0.0200	20	05/03/2016 14:37	WG868976
1,3,5-Trimethylbenzene	U		0.00774	0.00100	0.0200	20	05/03/2016 14:37	WG868976
Vinyl chloride	U		0.00518	0.00100	0.0200	20	05/03/2016 14:37	WG868976
o-Xylene	U		0.00682	0.00100	0.0200	20	05/03/2016 14:37	WG868976
m&p-Xylene	U		0.0144	0.00100	0.0200	20	05/03/2016 14:37	WG868976
Xylenes, Total	U		0.0212	0.00300	0.0600	20	05/03/2016 14:37	WG868976
(S) Toluene-d8	*103*				*90.0-115*		*05/03/2016 14:37*	WG868976
(S) Toluene-d8	*101*				*90.0-115*		*05/06/2016 10:04*	WG870046
(S) Dibromofluoromethane	*114*				*79.0-121*		*05/06/2016 10:04*	WG870046
(S) Dibromofluoromethane	*99.2*				*79.0-121*		*05/03/2016 14:37*	WG868976
(S) 4-Bromofluorobenzene	*102*				*80.1-120*		*05/03/2016 14:37*	WG868976
(S) 4-Bromofluorobenzene	*82.7*				*80.1-120*		*05/06/2016 10:04*	WG870046

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	10.8		0.124	0.100	0.500	5	05/04/2016 14:16	WG869259
(S) o-Terphenyl	*113*				*50.0-150*		*05/04/2016 14:16*	WG869259

Method Blank (MB)

(MB) R3133392-1 05/02/16 14:22

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/l		mg/l	mg/l
Dissolved Solids	U		2.82	10.0

L832199-06 Original Sample (OS) • Duplicate (DUP)

(OS) L832199-06 05/02/16 14:22 • (DUP) R3133392-4 05/02/16 14:22

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	mg/l	mg/l		%		%
Dissolved Solids	2180	2140	1	1.62		5

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

(LCS) R3133392-2 05/02/16 14:22 • (LCSD) R3133392-3 05/02/16 14:22

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	%	%	%			%	%
Dissolved Solids	8800	8660	8630	98.4	98.1	85.0-115			0.347	5

Method Blank (MB)

(MB) R3133469-1 05/03/16 04:08

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/l		mg/l	mg/l
Dissolved Solids	U		2.82	10.0

L832409-01 Original Sample (OS) • Duplicate (DUP)

(OS) L832409-01 05/03/16 04:08 • (DUP) R3133469-4 05/03/16 04:08

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	mg/l	mg/l		%		%
Dissolved Solids	4050	3860	1	4.93		5

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

(LCS) R3133469-2 05/03/16 04:08 • (LCSD) R3133469-3 05/03/16 04:08

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	%	%	%			%	%
Dissolved Solids	8800	8890	8680	101	98.6	85.0-115			2.39	5

Method Blank (MB)

(MB) R3133479-1 05/03/16 04:34

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/l		mg/l	mg/l
Dissolved Solids	U		2.82	10.0

L832409-25 Original Sample (OS) • Duplicate (DUP)

(OS) L832409-25 05/03/16 04:34 • (DUP) R3133479-4 05/03/16 04:34

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	mg/l	mg/l		%		%
Dissolved Solids	2270	2200	1	3.13		5

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

(LCS) R3133479-2 05/03/16 04:34 • (LCSD) R3133479-3 05/03/16 04:34

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	%	%	%			%	%
Dissolved Solids	8800	8820	8610	100	97.8	85.0-115			2.41	5

Method Blank (MB)

(MB) R3133452-1 05/03/16 06:19

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/l		mg/l	mg/l
Dissolved Solids	U		2.82	10.0

L832409-26 Original Sample (OS) • Duplicate (DUP)

(OS) L832409-26 05/03/16 06:19 • (DUP) R3133452-4 05/03/16 06:19

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	mg/l	mg/l		%		%
Dissolved Solids	5180	4970	1	4.04		5

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

(LCS) R3133452-2 05/03/16 06:19 • (LCSD) R3133452-3 05/03/16 06:19

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	%	%	%			%	%
Dissolved Solids	8800	8170	8580	92.8	97.5	85.0-115			4.90	5

Method Blank (MB)

(MB) R3138335-1 05/18/16 16:56

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/l		mg/l	mg/l
Dissolved Solids	U		2.82	10.0

L832409-17 Original Sample (OS) • Duplicate (DUP)

(OS) L832409-17 05/18/16 16:56 • (DUP) R3138335-4 05/18/16 16:56

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	mg/l	mg/l		%		%
Dissolved Solids	5840	5880	1	0.751		5

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

(LCS) R3138335-2 05/18/16 16:56 • (LCSD) R3138335-3 05/18/16 16:56

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	%	%	%			%	%
Dissolved Solids	8800	8290	8350	94.2	94.9	85.0-115			0.721	5

Method Blank (MB)

(MB) R3133819-1 05/04/16 22:34

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/l		mg/l	mg/l
Nitrate-Nitrite	U		0.0197	0.100

L832297-01 Original Sample (OS) • Duplicate (DUP)

(OS) L832297-01 05/04/16 22:43 • (DUP) R3133819-4 05/04/16 22:48

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	mg/l	mg/l		%		%
Nitrate-Nitrite	7.10	7.50	1	5.00		20

L832409-02 Original Sample (OS) • Duplicate (DUP)

(OS) L832409-02 05/04/16 23:03 • (DUP) R3133819-6 05/04/16 23:04

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	mg/l	mg/l		%		%
Nitrate-Nitrite	5.46	5.62	1	3.00		20

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

(LCS) R3133819-2 05/04/16 22:35 • (LCSD) R3133819-3 05/04/16 22:36

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	%	%	%			%	%
Nitrate-Nitrite	5.00	5.09	4.96	102	99.0	90.0-110			3.00	20

L832297-03 Original Sample (OS) • Matrix Spike (MS)

(OS) L832297-03 05/04/16 22:50 • (MS) R3133819-5 05/04/16 22:51

Analyte	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
	mg/l	mg/l	mg/l	%		%	
Nitrate-Nitrite	5.00	1.85	6.59	95.0	1	90.0-110	

Method Blank (MB)

(MB) R3133825-1 05/04/16 23:58

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/l		mg/l	mg/l
Nitrate-Nitrite	U		0.0197	0.100

L832409-13 Original Sample (OS) • Duplicate (DUP)

(OS) L832409-13 05/05/16 00:07 • (DUP) R3133825-4 05/05/16 00:08

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	mg/l	mg/l		%		%
Nitrate-Nitrite	6.42	6.37	1	1.00		20

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

(LCS) R3133825-2 05/04/16 23:59 • (LCSD) R3133825-3 05/05/16 00:00

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	%	%	%			%	%
Nitrate-Nitrite	5.00	4.90	4.94	98.0	99.0	90.0-110			1.00	20

L832409-18 Original Sample (OS) • Matrix Spike (MS)

(OS) L832409-18 05/05/16 00:17 • (MS) R3133825-5 05/05/16 00:18

Analyte	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
	mg/l	mg/l	mg/l	%		%	
Nitrate-Nitrite	5.00	0.0460	4.92	98.0	1	90.0-110	

Method Blank (MB)

(MB) R3135143-5 05/09/16 15:16

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/l		mg/l	mg/l
Nitrate-Nitrite	U		0.0197	0.100

L832409-26 Original Sample (OS) • Duplicate (DUP)

(OS) L832409-26 05/09/16 15:25 • (DUP) R3135143-8 05/09/16 15:31

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	mg/l	mg/l		%		%
Nitrate-Nitrite	0.377	ND	10	2.00	J	20

L832603-23 Original Sample (OS) • Duplicate (DUP)

(OS) L832603-23 05/09/16 16:14 • (DUP) R3135143-10 05/09/16 16:15

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	mg/l	mg/l		%		%
Nitrate-Nitrite	0.0480	ND	1	143	J P1	20

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

(LCS) R3135143-6 05/09/16 15:17 • (LCSD) R3135143-7 05/09/16 15:18

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	%	%	%			%	%
Nitrate-Nitrite	5.00	4.74	4.74	95.0	95.0	90.0-110			0.000	20

L832603-22 Original Sample (OS) • Matrix Spike (MS)

(OS) L832603-22 05/09/16 16:11 • (MS) R3135143-9 05/09/16 16:13

Analyte	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
	mg/l	mg/l	mg/l	%		%	
Nitrate-Nitrite	5.00	0.0770	4.50	88.0	1	90.0-110	J6

L832603-26 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L832603-26 05/09/16 16:24 • (MS) R3135143-11 05/09/16 16:25 • (MSD) R3135143-12 05/09/16 16:26

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Nitrate-Nitrite	5.00	0.0650	0.407	0.393	7.00	7.00	1	90.0-110	J6	J6	4.00	20

Method Blank (MB)

(MB) R3134201-1 05/05/16 19:43

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/l		mg/l	mg/l
Cyanide	U		0.00180	0.00500

L832273-02 Original Sample (OS) • Duplicate (DUP)

(OS) L832273-02 05/05/16 19:54 • (DUP) R3134201-4 05/05/16 19:55

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	mg/l	mg/l		%		%
Cyanide	ND	ND	1	0.000		20

L832409-12 Original Sample (OS) • Duplicate (DUP)

(OS) L832409-12 05/05/16 20:08 • (DUP) R3134201-7 05/05/16 20:09

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	mg/l	mg/l		%		%
Cyanide	U	ND	1	0.000		20

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

(LCS) R3134201-2 05/05/16 19:44 • (LCSD) R3134201-3 05/05/16 19:45

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	%	%	%			%	%
Cyanide	0.100	0.107	0.109	107	109	90.0-110			2.00	20

L832281-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L832281-03 05/05/16 19:56 • (MS) R3134201-5 05/05/16 19:57 • (MSD) R3134201-6 05/05/16 19:58

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	mg/l	%	%		%			%	%
Cyanide	0.200	0.0206	0.224	0.224	102	102	1	90.0-110			0.000	20

Method Blank (MB)

(MB) R3133721-1 05/04/16 15:04

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/l		mg/l	mg/l
Cyanide	U		0.00180	0.00500

L832328-01 Original Sample (OS) • Duplicate (DUP)

(OS) L832328-01 05/04/16 15:24 • (DUP) R3133721-6 05/04/16 15:25

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	mg/l	mg/l		%		%
Cyanide	ND	ND	10	0.000		20

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

(LCS) R3133721-2 05/04/16 15:05 • (LCSD) R3133721-3 05/04/16 15:06

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	%	%	%			%	%
Cyanide	0.100	0.105	0.101	105	101	90.0-110			4.00	20

L832403-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L832403-01 05/04/16 15:11 • (MS) R3133721-4 05/04/16 15:10 • (MSD) R3133721-5 05/04/16 15:12

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	mg/l	%	%		%			%	%
Cyanide	0.0400	0.0357	0.0615	0.0670	13.0	16.0	5	90.0-110	J6	J6	9.00	20

Method Blank (MB)

(MB) R3133194-1 05/02/16 11:53

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/l		mg/l	mg/l
Chloride	U		0.0519	1.00
Fluoride	U		0.0099	0.100

L832391-01 Original Sample (OS) • Duplicate (DUP)

(OS) L832391-01 05/02/16 13:36 • (DUP) R3133194-4 05/02/16 13:51

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	mg/l	mg/l		%		%
Chloride	5.70	5.62	1	2		15
Fluoride	0.319	0.308	1	4		15

L832409-04 Original Sample (OS) • Duplicate (DUP)

(OS) L832409-04 05/02/16 21:56 • (DUP) R3133194-9 05/02/16 22:12

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	mg/l	mg/l		%		%
Chloride	49.2	49.3	1	0		15
Fluoride	0.668	0.662	1	1		15

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

(LCS) R3133194-2 05/02/16 12:09 • (LCSD) R3133194-3 05/02/16 12:25

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	%	%	%			%	%
Chloride	40.0	39.9	39.8	100	100	80-120			0	15
Fluoride	8.00	8.00	7.97	100	100	80-120			0	15

L832391-02 Original Sample (OS) • Matrix Spike (MS)

(OS) L832391-02 05/02/16 14:07 • (MS) R3133194-5 05/02/16 14:23

Analyte	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
	mg/l	mg/l	mg/l	%		%	
Chloride	50.0	20.3	69.9	99	1	80-120	
Fluoride	5.00	0.345	5.59	105	1	80-120	

L832409-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L832409-03 05/02/16 20:05 • (MS) R3133194-6 05/02/16 20:21 • (MSD) R3133194-7 05/02/16 20:37

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	mg/l	%	%		%			%	%
Chloride	50.0	47.7	95.2	95.3	95	95	1	80-120			0	15
Fluoride	5.00	0.690	5.80	5.55	102	97	1	80-120			4	15

Method Blank (MB)

(MB) R3133714-1 05/03/16 08:36

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/l		mg/l	mg/l
Chloride	U		0.0519	1.00
Fluoride	U		0.0099	0.100
Sulfate	U		0.0774	5.00

L832199-06 Original Sample (OS) • Duplicate (DUP)

(OS) L832199-06 05/03/16 18:49 • (DUP) R3133714-4 05/03/16 19:04

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	mg/l	mg/l		%		%
Fluoride	0.176	0.169	1	4		15
Sulfate	0.134	0.133	1	1	J	15

L832409-24 Original Sample (OS) • Duplicate (DUP)

(OS) L832409-24 05/04/16 05:05 • (DUP) R3133714-8 05/04/16 06:07

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	mg/l	mg/l		%		%
Fluoride	1.38	1.38	1	0		15

L832409-24 Original Sample (OS) • Duplicate (DUP)

(OS) L832409-24 05/04/16 05:21 • (DUP) R3133714-9 05/04/16 06:22

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	mg/l	mg/l		%		%
Chloride	180	180	50	0		15
Sulfate	1500	1490	50	0		15

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

(LCS) R3133714-2 05/03/16 08:51 • (LCSD) R3133714-3 05/03/16 09:07

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	%	%	%			%	%
Chloride	40.0	39.3	39.3	98	98	80-120			0	15
Fluoride	8.00	7.89	7.89	99	99	80-120			0	15
Sulfate	40.0	39.9	39.9	100	100	80-120			0	15

L832199-07 Original Sample (OS) • Matrix Spike (MS)

(OS) L832199-07 05/03/16 19:19 • (MS) R3133714-5 05/03/16 19:35

Analyte	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
	mg/l	mg/l	mg/l	%		%	
Fluoride	5.00	0.0907	4.52	89	1	80-120	
Sulfate	50.0	4.17	51.8	95	1	80-120	

L832409-15 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L832409-15 05/03/16 23:41 • (MS) R3133714-6 05/04/16 00:28 • (MSD) R3133714-7 05/04/16 00:43

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	mg/l	%	%		%			%	%
Chloride	50.0	U	47.5	47.8	95	96	1	80-120			1	15
Fluoride	5.00	U	4.73	4.80	95	96	1	80-120			1	15
Sulfate	50.0	0.938	48.5	48.8	95	96	1	80-120			1	15

Method Blank (MB)

(MB) R3133711-4 05/03/16 07:00

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/l		mg/l	mg/l
Chloride	0.0955		0.0519	1.00
Fluoride	U		0.0099	0.100
Sulfate	U		0.0774	5.00

L832422-15 Original Sample (OS) • Duplicate (DUP)

(OS) L832422-15 05/04/16 00:25 • (DUP) R3133711-6 05/04/16 00:40

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	mg/l	mg/l		%		%
Chloride	571	558	50	2		15
Sulfate	138	136	50	1	J	15

L832422-15 Original Sample (OS) • Duplicate (DUP)

(OS) L832422-15 05/04/16 01:25 • (DUP) R3133711-7 05/04/16 01:40

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	mg/l	mg/l		%		%
Fluoride	1.13	1.16	1	3		15

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

(LCS) R3133711-5 05/03/16 07:15 • (LCSD) R3133711-8 05/03/16 07:30

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	%	%	%			%	%
Chloride	40.0	40.3	40.7	101	102	80-120			1	15
Fluoride	8.00	8.18	8.23	102	103	80-120			1	15
Sulfate	40.0	40.7	40.8	102	102	80-120			0	15

Method Blank (MB)

(MB) R3135221-1 05/09/16 12:11

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/l		mg/l	mg/l
Sulfate	U		0.0774	5.00

L832435-02 Original Sample (OS) • Duplicate (DUP)

(OS) L832435-02 05/09/16 15:54 • (DUP) R3135221-5 05/09/16 16:10

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	mg/l	mg/l		%		%
Sulfate	1030	1030	50	1		15

L832409-10 Original Sample (OS) • Duplicate (DUP)

(OS) L832409-10 05/10/16 01:59 • (DUP) R3135221-7 05/10/16 02:15

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	mg/l	mg/l		%		%
Sulfate	355	350	20	1		15

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

(LCS) R3135221-2 05/09/16 12:27 • (LCSD) R3135221-3 05/09/16 12:43

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	%	%	%			%	%
Sulfate	40.0	38.7	39.4	97	98	80-120			2	15

L832435-12 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L832435-12 05/10/16 03:02 • (MS) R3135221-8 05/10/16 03:18 • (MSD) R3135221-9 05/10/16 03:34

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	mg/l	%	%		%			%	%
Sulfate	50.0	0.227	50.3	50.4	100	100	1	80-120			0	15

Method Blank (MB)

(MB) R3134971-1 05/08/16 22:38

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/l		mg/l	mg/l
Sulfate	U		0.0774	5.00

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

(LCS) R3134971-2 05/08/16 22:54 • (LCSD) R3134971-3 05/08/16 23:10

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	%	%	%			%	%
Sulfate	40.0	38.3	38.7	96	97	87-112			1	15

L832101-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L832101-01 05/09/16 03:49 • (MS) R3134971-5 05/09/16 04:05

Analyte	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
	mg/l	mg/l	mg/l	%		%	
Sulfate	50.0	5.14	54.8	99	1	80-120	

L832391-11 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L832391-11 05/09/16 09:47 • (MS) R3134971-6 05/09/16 10:03 • (MSD) R3134971-7 05/09/16 10:19

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	mg/l	%	%		%			%	%
Sulfate	50.0	11.4	64.5	62.5	106	102	1	80-120			3	15

Method Blank (MB)

(MB) R3136016-1 05/09/16 23:45

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/l		mg/l	mg/l
Sulfate	U		0.0774	5.00

L832488-01 Original Sample (OS) • Duplicate (DUP)

(OS) L832488-01 05/10/16 11:35 • (DUP) R3136016-6 05/10/16 11:51

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	mg/l	mg/l		%		%
Sulfate	2510	2500	100	0		15

L832422-15 Original Sample (OS) • Duplicate (DUP)

(OS) L832422-15 05/10/16 16:38 • (DUP) R3136016-7 05/10/16 16:54

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	mg/l	mg/l		%		%
Sulfate	164	155	10	5		15

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

(LCS) R3136016-2 05/10/16 00:01 • (LCSD) R3136016-3 05/10/16 00:17

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	%	%	%			%	%
Sulfate	40.0	40.2	39.8	100	99	80-120			1	15

L832422-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L832422-03 05/10/16 17:09 • (MS) R3136016-8 05/10/16 17:25 • (MSD) R3136016-9 05/10/16 17:41

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	mg/l	%	%		%			%	%
Sulfate	50.0	U	49.2	49.2	98	98	1	80-120			0	15

Method Blank (MB)

(MB) R3137141-1 05/16/16 07:45

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/l		mg/l	mg/l
Sulfate	U		0.0774	5.00

L832409-13 Original Sample (OS) • Duplicate (DUP)

(OS) L832409-13 05/16/16 10:03 • (DUP) R3137141-5 05/16/16 10:43

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	mg/l	mg/l		%		%
Sulfate	2520	2340	50	7		15

L832603-21 Original Sample (OS) • Duplicate (DUP)

(OS) L832603-21 05/16/16 16:19 • (DUP) R3137141-7 05/16/16 16:32

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	mg/l	mg/l		%		%
Sulfate	1090	190	50	141	J P1	15

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

(LCS) R3137141-2 05/16/16 07:59 • (LCSD) R3137141-3 05/16/16 08:12

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	%	%	%			%	%
Sulfate	40.0	39.9	40.1	100	100	80-120			0	15

L832603-22 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L832603-22 05/16/16 17:10 • (MS) R3137141-8 05/16/16 17:23 • (MSD) R3137141-9 05/16/16 17:36

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	mg/l	%	%		%			%	%
Sulfate	50.0	U	50.1	50.2	100	100	1	80-120			0	15

Method Blank (MB)

(MB) R3136389-1 05/12/16 08:27

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/l		mg/l	mg/l
Sulfate	U		0.0774	5.00

L832654-03 Original Sample (OS) • Duplicate (DUP)

(OS) L832654-03 05/12/16 12:13 • (DUP) R3136389-5 05/12/16 12:58

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	mg/l	mg/l		%		%
Sulfate	62.0	62.0	1	0		15

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

(LCS) R3136389-3 05/12/16 09:26 • (LCSD) R3136389-4 05/12/16 09:41

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	%	%	%			%	%
Sulfate	40.0	39.7	39.8	99	100	80-120			0	15

L832654-04 Original Sample (OS) • Matrix Spike (MS)

(OS) L832654-04 05/12/16 13:13 • (MS) R3136389-6 05/12/16 13:28

Analyte	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
	mg/l	mg/l	mg/l	%		%	
Sulfate	50.0	45.2	94.3	98	1	80-120	

Method Blank (MB)

(MB) R3136170-1 05/10/16 20:39

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/l		mg/l	mg/l
Cyanide	U		0.0012	0.00500

L832409-16 Original Sample (OS) • Duplicate (DUP)

(OS) L832409-16 05/10/16 21:15 • (DUP) R3136170-4 05/10/16 21:21

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	mg/l	mg/l		%		%
Cyanide	U	0.000	1	0		20

L832435-14 Original Sample (OS) • Duplicate (DUP)

(OS) L832435-14 05/10/16 21:54 • (DUP) R3136170-6 05/10/16 21:57

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	mg/l	mg/l		%		%
Cyanide	0.00500	0.00400	1	22	J P1	20

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

(LCS) R3136170-2 05/10/16 20:42 • (LCSD) R3136170-3 05/10/16 20:45

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	%	%	%			%	%
Cyanide	0.100	0.0970	0.0980	97	98	86-114			1	20

L832409-17 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L832409-17 05/10/16 21:24 • (MS) R3136170-10 05/10/16 22:19 • (MSD) R3136170-11 05/10/16 22:22

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	mg/l	%	%		%			%	%
Cyanide	0.100	0.0230	0.113	0.117	90	94	1	64-136			3	20

Method Blank (MB)

(MB) R3133035-1 05/02/16 11:30

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/l		mg/l	mg/l
Mercury	U		0.000049	0.000200

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

(LCS) R3133035-2 05/02/16 11:39 • (LCSD) R3133035-3 05/02/16 11:42

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	%	%	%			%	%
Mercury	0.00300	0.00299	0.00297	100	99	80-120			1	20

L832391-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L832391-03 05/02/16 11:45 • (MS) R3133035-4 05/02/16 11:48 • (MSD) R3133035-5 05/02/16 11:51

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	mg/l	%	%		%			%	%
Mercury	0.00300	ND	0.00201	0.00292	67	97	1	75-125	J6	J3	37	20

Method Blank (MB)

(MB) R3133278-1 05/03/16 11:51

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/l		mg/l	mg/l
Mercury,Dissolved	U		0.000049	0.000200

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

(LCS) R3133278-2 05/03/16 11:54 • (LCSD) R3133278-3 05/03/16 11:57

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	%	%	%			%	%
Mercury,Dissolved	0.00300	0.00282	0.00297	94	99	80-120			5	20

L832409-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L832409-01 05/03/16 12:00 • (MS) R3133278-4 05/03/16 12:02 • (MSD) R3133278-5 05/03/16 12:05

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	mg/l	%	%		%			%	%
Mercury,Dissolved	0.00300	U	0.00258	0.00253	86	84	1	75-125			2	20

Method Blank (MB)

(MB) R3138455-1 05/19/16 21:06

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/l		mg/l	mg/l
Selenium	U		0.0074	0.0100

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

(LCS) R3138455-2 05/19/16 21:08 • (LCSD) R3138455-3 05/19/16 21:11

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	%	%	%			%	%
Selenium	1.00	1.03	1.03	103	103	80-120			0	20

L832409-25 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L832409-25 05/19/16 21:14 • (MS) R3138455-5 05/19/16 21:19 • (MSD) R3138455-6 05/19/16 21:22

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	mg/l	%	%		%			%	%
Selenium	1.00	U	0.827	0.978	83	98	1	75-125			17	20

Method Blank (MB)

(MB) R3138456-1 05/19/16 21:42

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/l		mg/l	mg/l
Selenium,Dissolved	U		0.0074	0.0100

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

(LCS) R3138456-2 05/19/16 21:45 • (LCSD) R3138456-3 05/19/16 21:47

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	%	%	%			%	%
Selenium,Dissolved	1.00	1.02	1.04	102	104	80-120			2	20

L832409-25 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L832409-25 05/19/16 21:50 • (MS) R3138456-5 05/19/16 21:56 • (MSD) R3138456-6 05/19/16 21:58

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	mg/l	%	%		%			%	%
Selenium,Dissolved	1.00	U	0.657	0.922	66	92	1	75-125	J6	J3	34	20

Method Blank (MB)

(MB) R3134608-1 05/06/16 22:59

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Arsenic,Dissolved	U		0.00025	0.00200
Barium,Dissolved	0.000838		0.00036	0.00500
Cadmium,Dissolved	U		0.00016	0.00100
Chromium,Dissolved	U		0.00054	0.00200
Iron,Dissolved	U		0.015	0.100
Lead,Dissolved	U		0.00024	0.00200
Manganese,Dissolved	0.000332		0.00025	0.00500
Nickel,Dissolved	0.000571		0.00035	0.00200
Selenium,Dissolved	U		0.00038	0.00200
Vanadium,Dissolved	0.000256		0.00018	0.00500

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

(LCS) R3134608-2 05/06/16 23:02 • (LCSD) R3134608-3 05/06/16 23:04

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 %
Arsenic,Dissolved	0.0500	0.0501	0.0524	100	105	80-120			4	20
Barium,Dissolved	0.0500	0.0519	0.0540	104	108	80-120			4	20
Cadmium,Dissolved	0.0500	0.0530	0.0551	106	110	80-120			4	20
Chromium,Dissolved	0.0500	0.0514	0.0513	103	103	80-120			0	20
Iron,Dissolved	5.00	5.07	5.06	101	101	80-120			0	20
Lead,Dissolved	0.0500	0.0512	0.0525	102	105	80-120			2	20
Manganese,Dissolved	0.0500	0.0499	0.0519	100	104	80-120			4	20
Nickel,Dissolved	0.0500	0.0521	0.0533	104	107	80-120			2	20
Selenium,Dissolved	0.0500	0.0498	0.0502	100	100	80-120			1	20
Vanadium,Dissolved	0.0500	0.0501	0.0509	100	102	80-120			2	20

L832409-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L832409-02 05/06/16 23:07 • (MS) R3134608-5 05/06/16 23:13 • (MSD) R3134608-6 05/06/16 23:15

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic,Dissolved	0.0100	0.00226	0.0586	0.0532	113	102	5	75-125			10	20
Barium,Dissolved	0.0100	0.0153	0.0697	0.0669	109	103	5	75-125			4	20
Cadmium,Dissolved	0.0100	U	0.0565	0.0521	113	104	5	75-125			8	20

L832409-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L832409-02 05/06/16 23:07 • (MS) R3134608-5 05/06/16 23:13 • (MSD) R3134608-6 05/06/16 23:15

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	mg/l	%	%		%			%	%
Chromium,Dissolved	0.0100	U	0.0522	0.0528	104	106	5	75-125			1	20
Iron,Dissolved	1.00	U	5.24	5.22	105	104	5	75-125			0	20
Lead,Dissolved	0.0100	U	0.0531	0.0537	106	107	5	75-125			1	20
Manganese,Dissolved	0.0100	0.0142	0.0653	0.0674	102	106	5	75-125			3	20
Nickel,Dissolved	0.0100	0.00595	0.0561	0.0556	100	99	5	75-125			1	20
Selenium,Dissolved	0.0100	0.00342	0.0547	0.0571	102	107	5	75-125			4	20
Vanadium,Dissolved	0.0100	0.0129	0.0640	0.0646	102	103	5	75-125			1	20

Method Blank (MB)

(MB) R3134619-1 05/07/16 02:38

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/l		mg/l	mg/l
Arsenic,Dissolved	U		0.00025	0.00200
Barium,Dissolved	U		0.00036	0.00500
Chromium,Dissolved	U		0.00054	0.00200
Iron,Dissolved	0.0221		0.015	0.100
Lead,Dissolved	U		0.00024	0.00200
Manganese,Dissolved	U		0.00025	0.00500
Selenium,Dissolved	U		0.00038	0.00200

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

(LCS) R3134619-2 05/07/16 02:40 • (LCSD) R3134619-3 05/07/16 02:43

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	%	%	%			%	%
Arsenic,Dissolved	0.0500	0.0482	0.0496	96	99	80-120			3	20
Barium,Dissolved	0.0500	0.0494	0.0487	99	97	80-120			1	20
Chromium,Dissolved	0.0500	0.0490	0.0490	98	98	80-120			0	20
Iron,Dissolved	5.00	4.78	4.82	96	96	80-120			1	20
Lead,Dissolved	0.0500	0.0491	0.0499	98	100	80-120			2	20
Manganese,Dissolved	0.0500	0.0492	0.0491	98	98	80-120			0	20
Selenium,Dissolved	0.0500	0.0482	0.0482	96	96	80-120			0	20

L832409-25 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L832409-25 05/07/16 02:46 • (MS) R3134619-5 05/07/16 02:51 • (MSD) R3134619-6 05/07/16 02:54

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	mg/l	%	%		%			%	%
Arsenic,Dissolved	0.0100	0.00741	0.0242	0.0123	34	10	5	75-125	J6	J3 J6	65	20
Barium,Dissolved	0.0100	0.0650	0.105	0.122	81	115	5	75-125			15	20
Chromium,Dissolved	0.0100	U	0.0434	0.0503	87	101	5	75-125			15	20
Iron,Dissolved	1.00	U	4.41	5.39	88	108	5	75-125			20	20
Lead,Dissolved	0.0100	0.00386	0.0479	0.0534	88	99	5	75-125			11	20
Manganese,Dissolved	0.0100	0.00359	0.0451	0.0551	83	103	5	75-125			20	20
Selenium,Dissolved	0.0100	0.596	0.0371	0.0348	0	0	5	75-125	V	V	6	20

Method Blank (MB)

(MB) R3134386-1 05/05/16 20:37

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/l		mg/l	mg/l
Cobalt,Dissolved	U		0.00026	0.00200
Uranium,Dissolved	U		0.00033	0.0100

Method Blank (MB)

(MB) R3135630-1 05/11/16 10:25

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/l		mg/l	mg/l
Boron,Dissolved	U		0.0015	0.0200

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

(LCS) R3134386-2 05/05/16 20:40 • (LCSD) R3134386-3 05/05/16 20:42

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	%	%	%			%	%
Cobalt,Dissolved	0.0500	0.0497	0.0511	99	102	80-120			3	20
Uranium,Dissolved	0.0500	0.0505	0.0506	101	101	80-120			0	20

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

(LCS) R3135630-2 05/11/16 10:30 • (LCSD) R3135630-3 05/11/16 10:35

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	%	%	%			%	%
Boron,Dissolved	0.0500	0.0465	0.0471	93	94	80-120			1	20

L832409-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L832409-01 05/05/16 20:45 • (MS) R3134386-5 05/05/16 20:50 • (MSD) R3134386-6 05/05/16 20:53

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	mg/l	%	%		%			%	%
Cobalt,Dissolved	0.0100	U	0.0550	0.0531	110	106	5	75-125			3	20
Uranium,Dissolved	0.0100	0.0264	0.0802	0.0776	108	102	5	75-125			3	20

L832409-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L832409-01 05/11/16 10:40 • (MS) R3135630-5 05/11/16 10:50 • (MSD) R3135630-6 05/11/16 10:55

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	mg/l	%	%		%			%	%
Boron,Dissolved	0.00500	0.525	0.597	0.593	144	137	10	75-125	V	V	1	20

Method Blank (MB)

(MB) R3134241-1 05/05/16 18:39

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/l		mg/l	mg/l
Arsenic	U		0.00025	0.00200
Barium	0.00091		0.00036	0.00500
Cadmium	U		0.00016	0.00100
Calcium	U		0.046	1.00
Chromium	U		0.00054	0.00200
Cobalt	U		0.00026	0.00200
Iron	U		0.015	0.100
Lead	U		0.00024	0.00200
Manganese	U		0.00025	0.00500
Nickel	U		0.00035	0.00200
Potassium	U		0.037	1.00
Selenium	U		0.00038	0.00200
Sodium	U		0.11	1.00
Uranium	U		0.00033	0.0100
Vanadium	U		0.00018	0.00500

Method Blank (MB)

(MB) R3135057-1 05/09/16 13:31

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/l		mg/l	mg/l
Boron	U		0.0015	0.0200

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

(LCS) R3134241-2 05/05/16 18:42 • (LCSD) R3134241-3 05/05/16 18:45

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	%	%	%			%	%
Arsenic	0.0500	0.0491	0.0490	98	98	80-120			0	20
Barium	0.0500	0.0459	0.0467	92	93	80-120			2	20
Cadmium	0.0500	0.0512	0.0512	102	102	80-120			0	20
Calcium	5.00	4.59	4.90	92	98	80-120			7	20
Chromium	0.0500	0.0462	0.0488	92	98	80-120			5	20
Cobalt	0.0500	0.0470	0.0497	94	99	80-120			6	20
Iron	5.00	4.47	4.71	89	94	80-120			5	20

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

(LCS) R3134241-2 05/05/16 18:42 • (LCSD) R3134241-3 05/05/16 18:45

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 %
Lead	0.0500	0.0474	0.0490	95	98	80-120			3	20
Manganese	0.0500	0.0452	0.0472	90	94	80-120			4	20
Nickel	0.0500	0.0477	0.0501	95	100	80-120			5	20
Potassium	5.00	4.49	4.82	90	96	80-120			7	20
Selenium	0.0500	0.0444	0.0489	89	98	80-120			10	20
Sodium	5.00	4.66	5.09	93	102	80-120			9	20
Uranium	0.0500	0.0472	0.0487	94	97	80-120			3	20
Vanadium	0.0500	0.0454	0.0482	91	96	80-120			6	20

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

(LCS) R3135057-2 05/09/16 13:35 • (LCSD) R3135057-3 05/09/16 13:40

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 %
Boron	0.0500	0.0475	0.0496	95	99	80-120			4	20

L832409-16 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L832409-16 05/05/16 18:48 • (MS) R3134241-5 05/05/16 18:53 • (MSD) R3134241-6 05/05/16 18:56

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	0.0100	U	0.0553	0.0551	111	110	5	75-125			0	20
Barium	0.0100	0.0135	0.0597	0.0606	92	94	5	75-125			2	20
Cadmium	0.0100	U	0.0544	0.0535	109	107	5	75-125			2	20
Calcium	1.00	438	425	422	0	0	5	75-125	V	V	1	20
Chromium	0.0100	U	0.0521	0.0516	104	103	5	75-125			1	20
Cobalt	0.0100	U	0.0510	0.0510	102	102	5	75-125			0	20
Potassium	1.00	2.11	7.13	7.06	100	99	5	75-125			1	20
Iron	1.00	0.121	5.08	5.14	99	100	5	75-125			1	20
Lead	0.0100	U	0.0513	0.0532	103	106	5	75-125			4	20
Manganese	0.0100	0.00188	0.0515	0.0518	99	100	5	75-125			1	20
Nickel	0.0100	U	0.0509	0.0512	102	102	5	75-125			1	20
Selenium	0.0100	0.00949	0.0621	0.0619	105	105	5	75-125			0	20
Sodium	1.00	81.3	82.5	82.0	23	14	5	75-125	V	V	1	20
Uranium	0.0100	0.00987	0.0608	0.0614	102	103	5	75-125			1	20
Vanadium	0.0100	0.00814	0.0595	0.0582	103	100	5	75-125			2	20

L832409-16 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L832409-16 05/09/16 13:45 • (MS) R3135057-5 05/09/16 13:55 • (MSD) R3135057-6 05/09/16 13:59

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	mg/l	%	%		%			%	%
Boron	0.00500	0.173	0.200	0.211	54	77	10	75-125	J6		5	20

Method Blank (MB)

(MB) R3134620-1 05/07/16 03:59

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/l		mg/l	mg/l
Arsenic	U		0.00025	0.00200
Barium	0.00076		0.00036	0.00500
Calcium	0.1		0.046	1.00
Chromium	U		0.00054	0.00200
Iron	0.0157		0.015	0.100
Lead	U		0.00024	0.00200
Manganese	U		0.00025	0.00500
Potassium	U		0.037	1.00
Selenium	U		0.00038	0.00200
Sodium	U		0.11	1.00

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

(LCS) R3134620-2 05/07/16 04:01 • (LCSD) R3134620-3 05/07/16 04:04

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	%	%	%			%	%
Arsenic	0.0500	0.0526	0.0503	105	101	80-120			4	20
Barium	0.0500	0.0527	0.0506	105	101	80-120			4	20
Calcium	5.00	5.44	5.35	109	107	80-120			2	20
Chromium	0.0500	0.0547	0.0516	109	103	80-120			6	20
Iron	5.00	5.33	5.08	107	102	80-120			5	20
Lead	0.0500	0.0541	0.0520	108	104	80-120			4	20
Manganese	0.0500	0.0541	0.0516	108	103	80-120			5	20
Potassium	5.00	5.37	5.14	107	103	80-120			4	20
Selenium	0.0500	0.0542	0.0510	108	102	80-120			6	20
Sodium	5.00	5.57	5.26	111	105	80-120			6	20

L832409-23 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L832409-23 05/07/16 04:07 • (MS) R3134620-5 05/07/16 04:12 • (MSD) R3134620-6 05/07/16 04:15

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	mg/l	%	%		%			%	%
Arsenic	0.0100	0.00316	0.0614	0.0566	116	107	5	75-125			8	20
Barium	0.0100	3.44	3.70	3.66	519	435	5	75-125	V	V	1	20
Calcium	1.00	130	143	141	254	214	5	75-125	V	V	1	20

L832409-23 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L832409-23 05/07/16 04:07 • (MS) R3134620-5 05/07/16 04:12 • (MSD) R3134620-6 05/07/16 04:15

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	mg/l	%	%		%			%	%
Chromium	0.0100	U	0.0575	0.0564	115	113	5	75-125			2	20
Potassium	1.00	1.73	7.52	7.37	116	113	5	75-125			2	20
Iron	1.00	0.328	6.10	5.83	115	110	5	75-125			4	20
Lead	0.0100	U	0.0594	0.0565	119	113	5	75-125			5	20
Manganese	0.0100	0.0363	0.0960	0.0924	120	112	5	75-125			4	20
Selenium	0.0100	0.00207	0.0304	0.0538	57	103	5	75-125	J6	J3	56	20
Sodium	1.00	450	479	469	569	380	5	75-125	V	V	2	20

Method Blank (MB)

(MB) R3134072-3 05/05/16 02:45

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/l		mg/l	mg/l
TPH (GC/FID) Low Fraction	U		0.0314	0.100
(S) a,a,a-Trifluorotoluene(FID)	*102*			*62.0-128*

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

(LCS) R3134072-1 05/05/16 01:36 • (LCSD) R3134072-2 05/05/16 01:59

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	%	%	%			%	%
TPH (GC/FID) Low Fraction	5.50	5.82	5.98	106	109	67.0-132			2.80	20
(S) a,a,a-Trifluorotoluene(FID)				*101*	*100*	*62.0-128*				

L832409-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L832409-01 05/05/16 04:17 • (MS) R3134072-4 05/05/16 03:08 • (MSD) R3134072-5 05/05/16 03:31

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	mg/l	%	%		%			%	%
TPH (GC/FID) Low Fraction	5.50	U	4.52	4.82	82.2	87.7	1	50.0-143			6.39	20
(S) a,a,a-Trifluorotoluene(FID)					*101*	*101*		*62.0-128*				

Method Blank (MB)

(MB) R3134272-3 05/05/16 20:05

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/l		mg/l	mg/l
TPH (GC/FID) Low Fraction	U		0.0314	0.100
(S) a,a,a-Trifluorotoluene(FID)	*102*			*62.0-128*

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

(LCS) R3134272-1 05/05/16 18:55 • (LCSD) R3134272-2 05/05/16 19:18

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	%	%	%			%	%
TPH (GC/FID) Low Fraction	5.50	5.72	5.74	104	104	67.0-132			0.480	20
(S) a,a,a-Trifluorotoluene(FID)				*101*	*101*	*62.0-128*				

L832472-09 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L832472-09 05/05/16 23:22 • (MS) R3134272-4 05/05/16 22:13 • (MSD) R3134272-5 05/05/16 22:36

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	mg/l	%	%		%			%	%
TPH (GC/FID) Low Fraction	5.50	2.09	6.24	5.37	75.4	59.6	1	50.0-143			15.0	20
(S) a,a,a-Trifluorotoluene(FID)					*99.6*	*99.7*		*62.0-128*				

Method Blank (MB)

(MB) R3133744-3 05/03/16 05:55

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acetone	U		0.0100	0.0500
Benzene	U		0.000331	0.00100
Bromodichloromethane	U		0.000380	0.00100
Bromoform	U		0.000469	0.00100
Bromomethane	U		0.000866	0.00500
n-Butylbenzene	U		0.000361	0.00100
sec-Butylbenzene	U		0.000365	0.00100
Carbon disulfide	U		0.000275	0.00100
Carbon tetrachloride	U		0.000379	0.00100
Chlorobenzene	U		0.000348	0.00100
Chlorodibromomethane	U		0.000327	0.00100
Chloroethane	U		0.000453	0.00500
Chloroform	U		0.000324	0.00500
Chloromethane	U		0.000276	0.00250
1,2-Dibromoethane	U		0.000381	0.00100
1,1-Dichloroethane	U		0.000259	0.00100
1,2-Dichloroethane	U		0.000361	0.00100
1,1-Dichloroethene	U		0.000398	0.00100
cis-1,2-Dichloroethene	U		0.000260	0.00100
trans-1,2-Dichloroethene	U		0.000396	0.00100
1,2-Dichloropropane	U		0.000306	0.00100
cis-1,3-Dichloropropene	U		0.000418	0.00100
trans-1,3-Dichloropropene	U		0.000419	0.00100
Ethylbenzene	U		0.000384	0.00100
2-Hexanone	U		0.00382	0.0100
Isopropylbenzene	U		0.000326	0.00100
p-Isopropyltoluene	U		0.000350	0.00100
2-Butanone (MEK)	U		0.00393	0.0100
Methylene Chloride	0.00173		0.00100	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.00214	0.0100
Methyl tert-butyl ether	U		0.000367	0.00100
Naphthalene	U		0.00100	0.00500
n-Propylbenzene	U		0.000349	0.00100
Styrene	U		0.000307	0.00100
1,1,1,2-Tetrachloroethane	U		0.000385	0.00100
1,1,2,2-Tetrachloroethane	U		0.000130	0.00100

Method Blank (MB)

(MB) R3133744-3 05/03/16 05:55

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/l		mg/l	mg/l
Tetrachloroethene	U		0.000372	0.00100
Toluene	U		0.000780	0.00500
1,1,1-Trichloroethane	U		0.000319	0.00100
1,1,2-Trichloroethane	U		0.000383	0.00100
Trichloroethene	U		0.000398	0.00100
1,2,4-Trimethylbenzene	U		0.000373	0.00100
1,3,5-Trimethylbenzene	U		0.000387	0.00100
Vinyl chloride	U		0.000259	0.00100
Xylenes, Total	U		0.00106	0.00300
o-Xylene	U		0.000341	0.00100
m&p-Xylenes	U		0.000719	0.00100
(S) Toluene-d8	*103*			*90.0-115*
(S) Dibromofluoromethane	*102*			*79.0-121*
(S) 4-Bromofluorobenzene	*96.1*			*80.1-120*

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

(LCS) R3133744-1 05/03/16 04:38 • (LCSD) R3133744-2 05/03/16 04:58

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	%	%	%			%	%
Acetone	0.125	0.184	0.179	147	143	28.7-175			2.68	20.9
Benzene	0.0250	0.0248	0.0250	99.3	100	73.0-122			0.780	20
Bromodichloromethane	0.0250	0.0240	0.0235	95.9	94.0	75.5-121			1.96	20
Bromoform	0.0250	0.0236	0.0248	94.3	99.4	71.5-131			5.20	20
Bromomethane	0.0250	0.0192	0.0192	76.6	77.0	22.4-187			0.460	20
n-Butylbenzene	0.0250	0.0234	0.0237	93.8	94.7	75.9-134			1.04	20
sec-Butylbenzene	0.0250	0.0228	0.0239	91.2	95.6	80.6-126			4.74	20
Carbon disulfide	0.0250	0.0210	0.0219	84.0	87.4	53.0-134			3.96	20
Carbon tetrachloride	0.0250	0.0230	0.0242	92.1	96.7	70.9-129			4.89	20
Chlorobenzene	0.0250	0.0235	0.0243	93.9	97.2	79.7-122			3.50	20
Chlorodibromomethane	0.0250	0.0234	0.0241	93.5	96.6	78.2-124			3.18	20
Chloroethane	0.0250	0.0212	0.0213	84.6	85.2	41.2-153			0.620	20
Chloroform	0.0250	0.0241	0.0246	96.3	98.3	73.2-125			2.05	20
Chloromethane	0.0250	0.0246	0.0251	98.6	101	55.8-134			1.94	20
1,2-Dibromoethane	0.0250	0.0235	0.0238	94.0	95.3	79.8-122			1.40	20
1,1-Dichloroethane	0.0250	0.0260	0.0262	104	105	71.7-127			0.930	20

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

(LCS) R3133744-1 05/03/16 04:38 • (LCSD) R3133744-2 05/03/16 04:58

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 %
1,2-Dichloroethane	0.0250	0.0243	0.0238	97.0	95.2	65.3-126			1.90	20
1,1-Dichloroethene	0.0250	0.0223	0.0226	89.4	90.4	59.9-137			1.14	20
cis-1,2-Dichloroethene	0.0250	0.0241	0.0246	96.3	98.3	77.3-122			2.08	20
trans-1,2-Dichloroethene	0.0250	0.0238	0.0243	95.2	97.4	72.6-125			2.24	20
1,2-Dichloropropane	0.0250	0.0267	0.0262	107	105	77.4-125			1.97	20
cis-1,3-Dichloropropene	0.0250	0.0258	0.0253	103	101	77.7-124			1.84	20
trans-1,3-Dichloropropene	0.0250	0.0254	0.0251	101	100	73.5-127			1.25	20
Ethylbenzene	0.0250	0.0229	0.0236	91.6	94.5	80.9-121			3.13	20
2-Hexanone	0.125	0.138	0.139	110	111	59.4-151			0.950	20
Isopropylbenzene	0.0250	0.0220	0.0231	88.2	92.2	81.6-124			4.46	20
p-Isopropyltoluene	0.0250	0.0226	0.0238	90.4	95.3	77.6-129			5.30	20
2-Butanone (MEK)	0.125	0.182	0.174	146	139	46.4-155			4.43	20
Methylene Chloride	0.0250	0.0240	0.0242	96.1	96.7	69.5-120			0.680	20
4-Methyl-2-pentanone (MIBK)	0.125	0.147	0.143	118	114	63.3-138			3.12	20
Methyl tert-butyl ether	0.0250	0.0248	0.0243	99.3	97.3	70.1-125			2.08	20
Naphthalene	0.0250	0.0229	0.0229	91.4	91.8	69.7-134			0.390	20
n-Propylbenzene	0.0250	0.0231	0.0240	92.4	95.9	81.9-122			3.78	20
Styrene	0.0250	0.0234	0.0242	93.5	96.6	79.9-124			3.28	20
1,1,1,2-Tetrachloroethane	0.0250	0.0235	0.0243	94.0	97.1	78.5-125			3.28	20
1,1,2,2-Tetrachloroethane	0.0250	0.0239	0.0240	95.8	96.1	79.3-123			0.290	20
Tetrachloroethene	0.0250	0.0226	0.0238	90.2	95.1	73.5-130			5.23	20
Toluene	0.0250	0.0243	0.0239	97.1	95.5	77.9-116			1.68	20
1,1,1-Trichloroethane	0.0250	0.0238	0.0238	95.2	95.3	71.1-129			0.100	20
1,1,2-Trichloroethane	0.0250	0.0237	0.0243	94.7	97.4	81.6-120			2.77	20
Trichloroethene	0.0250	0.0247	0.0246	98.6	98.3	79.5-121			0.320	20
1,2,4-Trimethylbenzene	0.0250	0.0228	0.0237	91.0	94.8	79.0-122			4.03	20
1,3,5-Trimethylbenzene	0.0250	0.0225	0.0236	90.1	94.3	81.0-123			4.62	20
Vinyl chloride	0.0250	0.0218	0.0223	87.3	89.2	61.5-134			2.13	20
Xylenes, Total	0.0750	0.0686	0.0714	91.5	95.1	79.2-122			3.94	20
o-Xylene	0.0250	0.0230	0.0239	91.9	95.4	79.1-123			3.77	20
m&p-Xylenes	0.0500	0.0456	0.0475	91.2	95.0	78.5-122			4.02	20
(S) Toluene-d8				*102*	*103*	*90.0-115*				
(S) Dibromofluoromethane				*102*	*102*	*79.0-121*				
(S) 4-Bromofluorobenzene				*94.6*	*99.1*	*80.1-120*				

L832409-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L832409-01 05/03/16 08:15 • (MS) R3133744-4 05/03/16 08:53 • (MSD) R3133744-5 05/03/16 09:12

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acetone	0.125	U	0.0812	0.0847	64.9	67.8	1	25.0-156			4.24	21.5
Benzene	0.0250	U	0.0196	0.0198	78.3	79.1	1	58.6-133			1.00	20
Bromodichloromethane	0.0250	U	0.0199	0.0198	79.8	79.4	1	69.2-127			0.490	20
Bromoform	0.0250	U	0.0202	0.0209	80.9	83.8	1	66.3-140			3.45	20
Bromomethane	0.0250	U	0.0133	0.0127	53.1	50.7	1	16.6-183			4.60	20.5
n-Butylbenzene	0.0250	U	0.0195	0.0197	78.2	79.0	1	64.8-145			1.03	20
sec-Butylbenzene	0.0250	U	0.0191	0.0193	76.4	77.0	1	66.8-139			0.860	20
Carbon disulfide	0.0250	U	0.0102	0.0105	40.9	42.0	1	34.9-138			2.66	20
Carbon tetrachloride	0.0250	U	0.0189	0.0191	75.8	76.6	1	60.6-139			1.00	20
Chlorobenzene	0.0250	U	0.0188	0.0189	75.1	75.6	1	70.1-130			0.710	20
Chlorodibromomethane	0.0250	U	0.0197	0.0202	78.8	80.6	1	71.6-132			2.24	20
Chloroethane	0.0250	U	0.0157	0.0153	62.8	61.2	1	33.3-155			2.59	20
Chloroform	0.0250	U	0.0203	0.0204	81.1	81.5	1	66.1-133			0.540	20
Chloromethane	0.0250	U	0.0160	0.0158	63.9	63.1	1	40.7-139			1.13	20
1,2-Dibromoethane	0.0250	U	0.0194	0.0197	77.5	78.7	1	73.8-131			1.62	20
1,1-Dichloroethane	0.0250	U	0.0214	0.0215	85.5	85.9	1	64.0-134			0.490	20
1,2-Dichloroethane	0.0250	U	0.0195	0.0199	78.0	79.5	1	60.7-132			1.89	20
1,1-Dichloroethene	0.0250	U	0.0164	0.0170	65.6	68.0	1	48.8-144			3.50	20
cis-1,2-Dichloroethene	0.0250	U	0.0193	0.0199	77.3	79.4	1	60.6-136			2.71	20
trans-1,2-Dichloroethene	0.0250	U	0.0177	0.0176	70.8	70.5	1	61.0-132			0.400	20
1,2-Dichloropropane	0.0250	U	0.0222	0.0223	88.7	89.1	1	69.7-130			0.430	20
cis-1,3-Dichloropropene	0.0250	U	0.0205	0.0206	81.9	82.4	1	71.1-129			0.560	20
trans-1,3-Dichloropropene	0.0250	U	0.0208	0.0209	83.0	83.7	1	66.3-136			0.780	20
Ethylbenzene	0.0250	U	0.0182	0.0187	72.9	74.8	1	62.7-136			2.57	20
2-Hexanone	0.125	U	0.0974	0.102	77.9	81.7	1	59.4-154			4.66	20.1
Isopropylbenzene	0.0250	U	0.0182	0.0185	72.8	73.8	1	67.4-136			1.32	20
p-Isopropyltoluene	0.0250	U	0.0190	0.0189	75.8	75.7	1	62.8-143			0.190	20
2-Butanone (MEK)	0.125	U	0.119	0.121	95.2	96.7	1	45.0-156			1.62	20.8
Methylene Chloride	0.0250	U	0.0184	0.0182	73.7	72.6	1	61.5-125			1.43	20
4-Methyl-2-pentanone (MIBK)	0.125	U	0.128	0.132	102	105	1	60.7-150			2.82	20
Methyl tert-butyl ether	0.0250	U	0.0220	0.0211	88.0	84.6	1	61.4-136			3.90	20
Naphthalene	0.0250	U	0.0199	0.0203	79.4	81.3	1	61.8-143			2.28	20
n-Propylbenzene	0.0250	U	0.0189	0.0191	75.5	76.5	1	63.2-139			1.41	20
Styrene	0.0250	U	0.0186	0.0194	74.5	77.4	1	68.2-133			3.81	20
1,1,1,2-Tetrachloroethane	0.0250	U	0.0194	0.0199	77.5	79.5	1	70.5-132			2.61	20
1,1,2,2-Tetrachloroethane	0.0250	U	0.0213	0.0221	85.1	88.4	1	64.9-145			3.77	20

L832409-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L832409-01 05/03/16 08:15 • (MS) R3133744-4 05/03/16 08:53 • (MSD) R3133744-5 05/03/16 09:12

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	mg/l	%	%		%			%	%
Tetrachloroethene	0.0250	U	0.0179	0.0182	71.7	72.9	1	57.4-141			1.61	20
Toluene	0.0250	U	0.0191	0.0192	76.4	76.9	1	67.8-124			0.710	20
1,1,1-Trichloroethane	0.0250	U	0.0202	0.0201	80.6	80.6	1	58.7-134			0.0500	20
1,1,2-Trichloroethane	0.0250	U	0.0205	0.0210	82.1	84.1	1	74.1-130			2.45	20
Trichloroethene	0.0250	U	0.0195	0.0196	78.2	78.4	1	48.9-148			0.270	20
1,2,4-Trimethylbenzene	0.0250	U	0.0184	0.0186	73.4	74.4	1	60.5-137			1.35	20
1,3,5-Trimethylbenzene	0.0250	U	0.0185	0.0187	73.8	74.9	1	67.9-134			1.43	20
Vinyl chloride	0.0250	U	0.0155	0.0153	62.2	61.1	1	44.3-143			1.76	20
Xylenes, Total	0.0750	U	0.0548	0.0557	73.0	74.2	1	65.6-133			1.64	20
o-Xylene	0.0250	U	0.0183	0.0187	73.3	74.8	1	67.1-133			2.12	20
m&p-Xylenes	0.0500	U	0.0365	0.0370	72.9	73.9	1	64.1-133			1.39	20
(S) Toluene-d8					*101*	*102*		*90.0-115*				
(S) Dibromofluoromethane					*102*	*103*		*79.0-121*				
(S) 4-Bromofluorobenzene					*95.3*	*95.7*		*80.1-120*				

Method Blank (MB)

(MB) R3133210-3 05/02/16 13:58

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acetone	U		0.0100	0.0500
Benzene	U		0.000331	0.00100
Bromodichloromethane	U		0.000380	0.00100
Bromoform	U		0.000469	0.00100
Bromomethane	U		0.000866	0.00500
n-Butylbenzene	U		0.000361	0.00100
sec-Butylbenzene	U		0.000365	0.00100
Carbon disulfide	U		0.000275	0.00100
Carbon tetrachloride	U		0.000379	0.00100
Chlorobenzene	U		0.000348	0.00100
Chlorodibromomethane	U		0.000327	0.00100
Chloroethane	U		0.000453	0.00500
Chloroform	U		0.000324	0.00500
Chloromethane	U		0.000276	0.00250
1,2-Dibromoethane	U		0.000381	0.00100
1,1-Dichloroethane	U		0.000259	0.00100
1,2-Dichloroethane	U		0.000361	0.00100
1,1-Dichloroethene	U		0.000398	0.00100
cis-1,2-Dichloroethene	U		0.000260	0.00100
trans-1,2-Dichloroethene	U		0.000396	0.00100
1,2-Dichloropropane	U		0.000306	0.00100
cis-1,3-Dichloropropene	U		0.000418	0.00100
trans-1,3-Dichloropropene	U		0.000419	0.00100
Ethylbenzene	U		0.000384	0.00100
2-Hexanone	U		0.00382	0.0100
Isopropylbenzene	U		0.000326	0.00100
p-Isopropyltoluene	U		0.000350	0.00100
2-Butanone (MEK)	U		0.00393	0.0100
Methylene Chloride	U		0.00100	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.00214	0.0100
Methyl tert-butyl ether	U		0.000367	0.00100
Naphthalene	U		0.00100	0.00500
n-Propylbenzene	U		0.000349	0.00100
Styrene	U		0.000307	0.00100
1,1,1,2-Tetrachloroethane	U		0.000385	0.00100
1,1,2,2-Tetrachloroethane	U		0.000130	0.00100

Method Blank (MB)

(MB) R3133210-3 05/02/16 13:58

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Tetrachloroethene	U		0.000372	0.00100
Toluene	U		0.000780	0.00500
1,1,1-Trichloroethane	U		0.000319	0.00100
1,1,2-Trichloroethane	U		0.000383	0.00100
Trichloroethene	U		0.000398	0.00100
1,2,4-Trimethylbenzene	U		0.000373	0.00100
1,3,5-Trimethylbenzene	U		0.000387	0.00100
Vinyl chloride	U		0.000259	0.00100
Xylenes, Total	U		0.00106	0.00300
o-Xylene	U		0.000341	0.00100
m&p-Xylenes	U		0.000719	0.00100
(S) Toluene-d8	*101*			*90.0-115*
(S) Dibromofluoromethane	*97.9*			*79.0-121*
(S) 4-Bromofluorobenzene	*101*			*80.1-120*

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

(LCS) R3133210-1 05/02/16 12:18 • (LCSD) R3133210-2 05/02/16 12:39

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 %
Acetone	0.125	0.0740	0.0793	59.2	63.4	28.7-175			6.88	20.9
Benzene	0.0250	0.0242	0.0243	96.8	97.2	73.0-122			0.440	20
Bromodichloromethane	0.0250	0.0242	0.0243	96.6	97.3	75.5-121			0.700	20
Bromoform	0.0250	0.0268	0.0267	107	107	71.5-131			0.490	20
Bromomethane	0.0250	0.0207	0.0207	83.0	83.0	22.4-187			0.0300	20
n-Butylbenzene	0.0250	0.0265	0.0264	106	105	75.9-134			0.460	20
sec-Butylbenzene	0.0250	0.0269	0.0265	108	106	80.6-126			1.47	20
Carbon disulfide	0.0250	0.0235	0.0249	93.9	99.6	53.0-134			5.86	20
Carbon tetrachloride	0.0250	0.0230	0.0234	91.9	93.8	70.9-129			2.04	20
Chlorobenzene	0.0250	0.0260	0.0262	104	105	79.7-122			0.460	20
Chlorodibromomethane	0.0250	0.0255	0.0255	102	102	78.2-124			0.200	20
Chloroethane	0.0250	0.0211	0.0207	84.5	83.0	41.2-153			1.76	20
Chloroform	0.0250	0.0234	0.0236	93.6	94.6	73.2-125			1.03	20
Chloromethane	0.0250	0.0227	0.0230	90.7	91.9	55.8-134			1.32	20
1,2-Dibromoethane	0.0250	0.0251	0.0254	101	102	79.8-122			0.970	20
1,1-Dichloroethane	0.0250	0.0233	0.0235	93.4	94.1	71.7-127			0.740	20

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

(LCS) R3133210-1 05/02/16 12:18 • (LCSD) R3133210-2 05/02/16 12:39

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 %
1,2-Dichloroethane	0.0250	0.0215	0.0216	86.0	86.4	65.3-126			0.430	20
1,1-Dichloroethene	0.0250	0.0207	0.0213	82.7	85.4	59.9-137			3.16	20
cis-1,2-Dichloroethene	0.0250	0.0244	0.0246	97.5	98.4	77.3-122			0.910	20
trans-1,2-Dichloroethene	0.0250	0.0250	0.0247	99.9	98.9	72.6-125			1.02	20
1,2-Dichloropropane	0.0250	0.0242	0.0246	96.9	98.4	77.4-125			1.54	20
cis-1,3-Dichloropropene	0.0250	0.0244	0.0248	97.7	99.4	77.7-124			1.76	20
trans-1,3-Dichloropropene	0.0250	0.0219	0.0220	87.5	88.2	73.5-127			0.850	20
Ethylbenzene	0.0250	0.0263	0.0265	105	106	80.9-121			0.730	20
2-Hexanone	0.125	0.125	0.125	100	99.9	59.4-151			0.320	20
Isopropylbenzene	0.0250	0.0271	0.0271	108	108	81.6-124			0.0200	20
p-Isopropyltoluene	0.0250	0.0271	0.0266	108	107	77.6-129			1.56	20
2-Butanone (MEK)	0.125	0.103	0.105	82.0	83.9	46.4-155			2.26	20
Methylene Chloride	0.0250	0.0243	0.0247	97.2	98.6	69.5-120			1.47	20
4-Methyl-2-pentanone (MIBK)	0.125	0.116	0.118	92.6	94.2	63.3-138			1.77	20
Methyl tert-butyl ether	0.0250	0.0231	0.0237	92.4	94.7	70.1-125			2.41	20
Naphthalene	0.0250	0.0202	0.0207	81.0	82.9	69.7-134			2.34	20
n-Propylbenzene	0.0250	0.0260	0.0258	104	103	81.9-122			1.01	20
Styrene	0.0250	0.0277	0.0278	111	111	79.9-124			0.520	20
1,1,1,2-Tetrachloroethane	0.0250	0.0264	0.0261	105	104	78.5-125			0.950	20
1,1,2,2-Tetrachloroethane	0.0250	0.0245	0.0251	97.9	100	79.3-123			2.46	20
Tetrachloroethene	0.0250	0.0264	0.0261	106	105	73.5-130			1.16	20
Toluene	0.0250	0.0246	0.0251	98.2	101	77.9-116			2.30	20
1,1,1-Trichloroethane	0.0250	0.0243	0.0244	97.2	97.6	71.1-129			0.420	20
1,1,2-Trichloroethane	0.0250	0.0251	0.0251	101	101	81.6-120			0.0100	20
Trichloroethene	0.0250	0.0250	0.0253	100	101	79.5-121			1.02	20
1,2,4-Trimethylbenzene	0.0250	0.0259	0.0258	104	103	79.0-122			0.240	20
1,3,5-Trimethylbenzene	0.0250	0.0262	0.0262	105	105	81.0-123			0.0900	20
Vinyl chloride	0.0250	0.0213	0.0212	85.2	84.9	61.5-134			0.340	20
Xylenes, Total	0.0750	0.0793	0.0792	106	106	79.2-122			0.150	20
o-Xylene	0.0250	0.0266	0.0265	107	106	79.1-123			0.690	20
m&p-Xylenes	0.0500	0.0527	0.0527	105	105	78.5-122			0.120	20
(S) Toluene-d8				*100*	*101*	*90.0-115*				
(S) Dibromofluoromethane				*98.5*	*98.5*	*79.0-121*				
(S) 4-Bromofluorobenzene				*97.8*	*97.3*	*80.1-120*				

L832409-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L832409-02 05/02/16 18:22 • (MS) R3133210-4 05/02/16 18:42 • (MSD) R3133210-5 05/02/16 19:03

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acetone	0.125	U	0.0751	0.0705	60.1	56.4	1	25.0-156			6.26	21.5
Benzene	0.0250	U	0.0221	0.0216	88.6	86.5	1	58.6-133			2.38	20
Bromodichloromethane	0.0250	U	0.0236	0.0235	94.4	93.9	1	69.2-127			0.570	20
Bromoform	0.0250	U	0.0277	0.0269	111	108	1	66.3-140			3.12	20
Bromomethane	0.0250	U	0.0164	0.0165	65.4	66.2	1	16.6-183			1.12	20.5
n-Butylbenzene	0.0250	U	0.0265	0.0260	106	104	1	64.8-145			1.87	20
sec-Butylbenzene	0.0250	U	0.0272	0.0270	109	108	1	66.8-139			0.830	20
Carbon disulfide	0.0250	U	0.0153	0.0151	61.1	60.3	1	34.9-138			1.46	20
Carbon tetrachloride	0.0250	U	0.0226	0.0221	90.2	88.5	1	60.6-139			1.94	20
Chlorobenzene	0.0250	U	0.0254	0.0251	101	100	1	70.1-130			1.15	20
Chlorodibromomethane	0.0250	U	0.0257	0.0252	103	101	1	71.6-132			2.21	20
Chloroethane	0.0250	U	0.0169	0.0170	67.5	68.1	1	33.3-155			0.920	20
Chloroform	0.0250	U	0.0227	0.0223	90.7	89.2	1	66.1-133			1.65	20
Chloromethane	0.0250	U	0.0167	0.0167	66.7	66.8	1	40.7-139			0.240	20
1,2-Dibromoethane	0.0250	U	0.0248	0.0244	99.3	97.5	1	73.8-131			1.90	20
1,1-Dichloroethane	0.0250	U	0.0220	0.0215	87.9	86.2	1	64.0-134			2.03	20
1,2-Dichloroethane	0.0250	U	0.0205	0.0199	82.1	79.8	1	60.7-132			2.84	20
1,1-Dichloroethene	0.0250	U	0.0196	0.0191	78.5	76.5	1	48.8-144			2.54	20
cis-1,2-Dichloroethene	0.0250	U	0.0229	0.0224	91.7	89.7	1	60.6-136			2.26	20
trans-1,2-Dichloroethene	0.0250	U	0.0213	0.0210	85.0	83.9	1	61.0-132			1.40	20
1,2-Dichloropropane	0.0250	U	0.0232	0.0227	92.9	91.0	1	69.7-130			2.08	20
cis-1,3-Dichloropropene	0.0250	U	0.0227	0.0222	90.9	88.9	1	71.1-129			2.22	20
trans-1,3-Dichloropropene	0.0250	U	0.0210	0.0205	84.2	82.2	1	66.3-136			2.38	20
Ethylbenzene	0.0250	U	0.0258	0.0252	103	101	1	62.7-136			2.64	20
2-Hexanone	0.125	U	0.124	0.122	99.4	97.2	1	59.4-154			2.16	20.1
Isopropylbenzene	0.0250	U	0.0268	0.0265	107	106	1	67.4-136			1.08	20
p-Isopropyltoluene	0.0250	U	0.0271	0.0267	109	107	1	62.8-143			1.64	20
2-Butanone (MEK)	0.125	U	0.0948	0.0906	75.8	72.5	1	45.0-156			4.48	20.8
Methylene Chloride	0.0250	U	0.0224	0.0217	89.4	87.0	1	61.5-125			2.81	20
4-Methyl-2-pentanone (MIBK)	0.125	U	0.125	0.121	99.7	97.1	1	60.7-150			2.69	20
Methyl tert-butyl ether	0.0250	U	0.0237	0.0230	94.7	92.0	1	61.4-136			2.84	20
Naphthalene	0.0250	U	0.0208	0.0211	83.1	84.5	1	61.8-143			1.59	20
n-Propylbenzene	0.0250	U	0.0256	0.0252	102	101	1	63.2-139			1.58	20
Styrene	0.0250	U	0.0271	0.0265	108	106	1	68.2-133			2.30	20
1,1,1,2-Tetrachloroethane	0.0250	U	0.0268	0.0265	107	106	1	70.5-132			1.24	20
1,1,2,2-Tetrachloroethane	0.0250	U	0.0272	0.0266	109	106	1	64.9-145			2.33	20

L832409-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L832409-02 05/02/16 18:22 • (MS) R3133210-4 05/02/16 18:42 • (MSD) R3133210-5 05/02/16 19:03

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	mg/l	%	%		%			%	%
Tetrachloroethene	0.0250	U	0.0243	0.0240	97.3	96.1	1	57.4-141			1.27	20
Toluene	0.0250	U	0.0232	0.0229	92.7	91.6	1	67.8-124			1.20	20
1,1,1-Trichloroethane	0.0250	U	0.0238	0.0234	95.1	93.5	1	58.7-134			1.69	20
1,1,2-Trichloroethane	0.0250	U	0.0255	0.0251	102	100	1	74.1-130			1.81	20
Trichloroethene	0.0250	U	0.0232	0.0231	92.9	92.3	1	48.9-148			0.590	20
1,2,4-Trimethylbenzene	0.0250	U	0.0255	0.0250	102	100	1	60.5-137			1.76	20
1,3,5-Trimethylbenzene	0.0250	U	0.0260	0.0257	104	103	1	67.9-134			1.13	20
Vinyl chloride	0.0250	U	0.0165	0.0165	65.8	65.8	1	44.3-143			0.0100	20
Xylenes, Total	0.0750	U	0.0768	0.0756	102	101	1	65.6-133			1.57	20
o-Xylene	0.0250	U	0.0259	0.0257	104	103	1	67.1-133			0.750	20
m&p-Xylenes	0.0500	U	0.0509	0.0499	102	99.8	1	64.1-133			1.99	20
(S) Toluene-d8					*100*	*99.7*		*90.0-115*				
(S) Dibromofluoromethane					*97.7*	*97.8*		*79.0-121*				
(S) 4-Bromofluorobenzene					*97.7*	*98.4*		*80.1-120*				

Method Blank (MB)

(MB) R3133312-3 05/02/16 17:59

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acetone	U		0.0100	0.0500
Benzene	U		0.000331	0.00100
Bromodichloromethane	U		0.000380	0.00100
Bromoform	U		0.000469	0.00100
Bromomethane	U		0.000866	0.00500
n-Butylbenzene	U		0.000361	0.00100
sec-Butylbenzene	U		0.000365	0.00100
Carbon disulfide	U		0.000275	0.00100
Carbon tetrachloride	U		0.000379	0.00100
Chlorobenzene	U		0.000348	0.00100
Chlorodibromomethane	U		0.000327	0.00100
Chloroethane	U		0.000453	0.00500
Chloroform	U		0.000324	0.00500
Chloromethane	U		0.000276	0.00250
1,2-Dibromoethane	U		0.000381	0.00100
1,1-Dichloroethane	U		0.000259	0.00100
1,2-Dichloroethane	U		0.000361	0.00100
1,1-Dichloroethene	U		0.000398	0.00100
cis-1,2-Dichloroethene	U		0.000260	0.00100
trans-1,2-Dichloroethene	U		0.000396	0.00100
1,2-Dichloropropane	U		0.000306	0.00100
cis-1,3-Dichloropropene	U		0.000418	0.00100
trans-1,3-Dichloropropene	U		0.000419	0.00100
Ethylbenzene	U		0.000384	0.00100
2-Hexanone	U		0.00382	0.0100
Isopropylbenzene	U		0.000326	0.00100
p-Isopropyltoluene	U		0.000350	0.00100
2-Butanone (MEK)	U		0.00393	0.0100
Methylene Chloride	U		0.00100	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.00214	0.0100
Methyl tert-butyl ether	U		0.000367	0.00100
Naphthalene	U		0.00100	0.00500
n-Propylbenzene	U		0.000349	0.00100
Styrene	U		0.000307	0.00100
1,1,1,2-Tetrachloroethane	U		0.000385	0.00100
1,1,2,2-Tetrachloroethane	U		0.000130	0.00100

Method Blank (MB)

(MB) R3133312-3 05/02/16 17:59

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/l		mg/l	mg/l
Tetrachloroethene	U		0.000372	0.00100
Toluene	U		0.000780	0.00500
1,1,1-Trichloroethane	U		0.000319	0.00100
1,1,2-Trichloroethane	U		0.000383	0.00100
Trichloroethene	U		0.000398	0.00100
1,2,4-Trimethylbenzene	U		0.000373	0.00100
1,3,5-Trimethylbenzene	U		0.000387	0.00100
Vinyl chloride	U		0.000259	0.00100
Xylenes, Total	U		0.00106	0.00300
o-Xylene	U		0.000341	0.00100
m&p-Xylenes	U		0.000719	0.00100
(S) Toluene-d8	*102*			*90.0-115*
(S) Dibromofluoromethane	*98.9*			*79.0-121*
(S) 4-Bromofluorobenzene	*99.6*			*80.1-120*

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

(LCS) R3133312-1 05/02/16 16:43 • (LCSD) R3133312-2 05/02/16 17:02

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	%	%	%			%	%
Acetone	0.125	0.161	0.176	129	141	28.7-175			8.63	20.9
Benzene	0.0250	0.0254	0.0250	102	100	73.0-122			1.59	20
Bromodichloromethane	0.0250	0.0240	0.0238	96.0	95.1	75.5-121			0.990	20
Bromoform	0.0250	0.0241	0.0244	96.4	97.6	71.5-131			1.28	20
Bromomethane	0.0250	0.0213	0.0205	85.2	81.9	22.4-187			3.89	20
n-Butylbenzene	0.0250	0.0245	0.0242	97.9	96.8	75.9-134			1.12	20
sec-Butylbenzene	0.0250	0.0240	0.0235	96.1	94.1	80.6-126			2.13	20
Carbon disulfide	0.0250	0.0232	0.0226	92.8	90.2	53.0-134			2.75	20
Carbon tetrachloride	0.0250	0.0244	0.0239	97.4	95.6	70.9-129			1.89	20
Chlorobenzene	0.0250	0.0243	0.0241	97.1	96.3	79.7-122			0.790	20
Chlorodibromomethane	0.0250	0.0239	0.0237	95.5	94.9	78.2-124			0.600	20
Chloroethane	0.0250	0.0231	0.0221	92.5	88.3	41.2-153			4.67	20
Chloroform	0.0250	0.0248	0.0243	99.1	97.2	73.2-125			1.87	20
Chloromethane	0.0250	0.0266	0.0263	106	105	55.8-134			0.910	20
1,2-Dibromoethane	0.0250	0.0237	0.0237	94.7	94.8	79.8-122			0.140	20
1,1-Dichloroethane	0.0250	0.0263	0.0260	105	104	71.7-127			1.09	20

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

(LCS) R3133312-1 05/02/16 16:43 • (LCSD) R3133312-2 05/02/16 17:02

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 %
1,2-Dichloroethane	0.0250	0.0237	0.0235	94.7	93.9	65.3-126			0.820	20
1,1-Dichloroethene	0.0250	0.0235	0.0227	93.9	91.0	59.9-137			3.18	20
cis-1,2-Dichloroethene	0.0250	0.0251	0.0247	100	98.8	77.3-122			1.63	20
trans-1,2-Dichloroethene	0.0250	0.0252	0.0243	101	97.3	72.6-125			3.42	20
1,2-Dichloropropane	0.0250	0.0269	0.0266	108	107	77.4-125			1.09	20
cis-1,3-Dichloropropene	0.0250	0.0259	0.0256	104	102	77.7-124			1.33	20
trans-1,3-Dichloropropene	0.0250	0.0256	0.0253	102	101	73.5-127			0.990	20
Ethylbenzene	0.0250	0.0237	0.0236	94.8	94.5	80.9-121			0.360	20
2-Hexanone	0.125	0.129	0.137	103	109	59.4-151			5.52	20
Isopropylbenzene	0.0250	0.0231	0.0228	92.5	91.0	81.6-124			1.57	20
p-Isopropyltoluene	0.0250	0.0242	0.0237	96.8	94.7	77.6-129			2.17	20
2-Butanone (MEK)	0.125	0.159	0.169	128	135	46.4-155			5.83	20
Methylene Chloride	0.0250	0.0233	0.0231	93.4	92.4	69.5-120			1.06	20
4-Methyl-2-pentanone (MIBK)	0.125	0.140	0.143	112	114	63.3-138			2.25	20
Methyl tert-butyl ether	0.0250	0.0247	0.0246	98.9	98.3	70.1-125			0.600	20
Naphthalene	0.0250	0.0225	0.0231	89.9	92.5	69.7-134			2.81	20
n-Propylbenzene	0.0250	0.0241	0.0237	96.2	95.0	81.9-122			1.29	20
Styrene	0.0250	0.0237	0.0239	94.8	95.8	79.9-124			1.01	20
1,1,1,2-Tetrachloroethane	0.0250	0.0240	0.0239	96.0	95.6	78.5-125			0.370	20
1,1,2,2-Tetrachloroethane	0.0250	0.0239	0.0242	95.6	96.6	79.3-123			1.06	20
Tetrachloroethene	0.0250	0.0245	0.0238	98.2	95.1	73.5-130			3.11	20
Toluene	0.0250	0.0247	0.0245	98.7	97.9	77.9-116			0.820	20
1,1,1-Trichloroethane	0.0250	0.0245	0.0240	97.8	96.0	71.1-129			1.92	20
1,1,2-Trichloroethane	0.0250	0.0243	0.0239	97.3	95.6	81.6-120			1.75	20
Trichloroethene	0.0250	0.0254	0.0251	102	100	79.5-121			1.14	20
1,2,4-Trimethylbenzene	0.0250	0.0239	0.0237	95.5	94.6	79.0-122			0.880	20
1,3,5-Trimethylbenzene	0.0250	0.0237	0.0234	94.8	93.7	81.0-123			1.09	20
Vinyl chloride	0.0250	0.0239	0.0233	95.7	93.2	61.5-134			2.69	20
Xylenes, Total	0.0750	0.0718	0.0712	95.8	94.9	79.2-122			0.900	20
o-Xylene	0.0250	0.0239	0.0239	95.8	95.5	79.1-123			0.350	20
m&p-Xylenes	0.0500	0.0479	0.0473	95.7	94.6	78.5-122			1.18	20
(S) Toluene-d8				*102*	*102*	*90.0-115*				
(S) Dibromofluoromethane				*102*	*99.6*	*79.0-121*				
(S) 4-Bromofluorobenzene				*96.3*	*96.2*	*80.1-120*				

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

L832458-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L832458-05 05/02/16 20:00 • (MS) R3133312-4 05/02/16 18:44 • (MSD) R3133312-5 05/02/16 19:03

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acetone	0.125	ND	0.0660	0.0835	52.8	66.8	1	25.0-156		J3	23.5	21.5
Benzene	0.0250	0.00228	0.0197	0.0228	69.7	81.9	1	58.6-133			14.4	20
Bromodichloromethane	0.0250	ND	0.0190	0.0216	76.1	86.3	1	69.2-127			12.5	20
Bromoform	0.0250	ND	0.0189	0.0217	75.5	86.9	1	66.3-140			14.1	20
Bromomethane	0.0250	ND	0.0111	0.0128	44.4	51.3	1	16.6-183			14.4	20.5
n-Butylbenzene	0.0250	ND	0.0196	0.0217	78.5	86.9	1	64.8-145			10.2	20
sec-Butylbenzene	0.0250	ND	0.0184	0.0203	73.8	81.3	1	66.8-139			9.74	20
Carbon disulfide	0.0250	ND	0.00815	0.00941	32.6	37.7	1	34.9-138	J6		14.4	20
Carbon tetrachloride	0.0250	ND	0.0182	0.0206	72.7	82.5	1	60.6-139			12.6	20
Chlorobenzene	0.0250	ND	0.0181	0.0201	72.6	80.5	1	70.1-130			10.3	20
Chlorodibromomethane	0.0250	ND	0.0187	0.0206	75.0	82.5	1	71.6-132			9.57	20
Chloroethane	0.0250	ND	0.0135	0.0157	53.8	62.6	1	33.3-155			15.1	20
Chloroform	0.0250	ND	0.0197	0.0225	78.9	90.1	1	66.1-133			13.3	20
Chloromethane	0.0250	ND	0.0134	0.0154	53.4	61.5	1	40.7-139			14.0	20
1,2-Dibromoethane	0.0250	ND	0.0176	0.0202	70.4	80.7	1	73.8-131	J6		13.6	20
1,1-Dichloroethane	0.0250	ND	0.0201	0.0230	80.3	92.0	1	64.0-134			13.5	20
1,2-Dichloroethane	0.0250	ND	0.0175	0.0205	70.1	82.0	1	60.7-132			15.7	20
1,1-Dichloroethene	0.0250	ND	0.0153	0.0177	61.3	70.7	1	48.8-144			14.3	20
cis-1,2-Dichloroethene	0.0250	ND	0.0188	0.0213	75.1	85.1	1	60.6-136			12.5	20
trans-1,2-Dichloroethene	0.0250	ND	0.0162	0.0184	64.8	73.6	1	61.0-132			12.8	20
1,2-Dichloropropane	0.0250	ND	0.0214	0.0239	85.4	95.7	1	69.7-130			11.3	20
cis-1,3-Dichloropropene	0.0250	ND	0.0191	0.0222	76.4	89.0	1	71.1-129			15.2	20
trans-1,3-Dichloropropene	0.0250	ND	0.0190	0.0224	76.1	89.7	1	66.3-136			16.5	20
Ethylbenzene	0.0250	ND	0.0178	0.0195	71.4	78.1	1	62.7-136			9.04	20
2-Hexanone	0.125	ND	0.0846	0.106	67.7	84.9	1	59.4-154		J3	22.5	20.1
Isopropylbenzene	0.0250	ND	0.0178	0.0196	71.3	78.2	1	67.4-136			9.22	20
p-Isopropyltoluene	0.0250	ND	0.0184	0.0202	73.4	80.9	1	62.8-143			9.70	20
2-Butanone (MEK)	0.125	ND	0.107	0.135	85.5	108	1	45.0-156		J3	23.4	20.8
Methylene Chloride	0.0250	ND	0.0169	0.0191	67.5	76.4	1	61.5-125			12.5	20
4-Methyl-2-pentanone (MIBK)	0.125	ND	0.117	0.141	93.3	113	1	60.7-150			19.0	20
Methyl tert-butyl ether	0.0250	ND	0.0190	0.0224	76.1	89.5	1	61.4-136			16.2	20
Naphthalene	0.0250	ND	0.0187	0.0224	74.9	89.5	1	61.8-143			17.7	20
n-Propylbenzene	0.0250	ND	0.0183	0.0203	73.4	81.0	1	63.2-139			9.92	20
Styrene	0.0250	ND	0.0186	0.0200	74.3	80.1	1	68.2-133			7.58	20
1,1,1,2-Tetrachloroethane	0.0250	ND	0.0189	0.0210	75.5	84.0	1	70.5-132			10.7	20
1,1,2,2-Tetrachloroethane	0.0250	ND	0.0189	0.0225	75.8	90.1	1	64.9-145			17.3	20

L832458-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L832458-05 05/02/16 20:00 • (MS) R3133312-4 05/02/16 18:44 • (MSD) R3133312-5 05/02/16 19:03

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	mg/l	%	%		%			%	%
Tetrachloroethene	0.0250	ND	0.0168	0.0184	67.1	73.7	1	57.4-141			9.43	20
Toluene	0.0250	ND	0.0189	0.0207	75.6	82.9	1	67.8-124			9.26	20
1,1,1-Trichloroethane	0.0250	ND	0.0187	0.0215	74.9	85.9	1	58.7-134			13.6	20
1,1,2-Trichloroethane	0.0250	ND	0.0244	0.0274	97.4	109	1	74.1-130			11.6	20
Trichloroethene	0.0250	ND	0.0189	0.0211	75.5	84.3	1	48.9-148			11.0	20
1,2,4-Trimethylbenzene	0.0250	ND	0.0180	0.0196	71.9	78.6	1	60.5-137			8.85	20
1,3,5-Trimethylbenzene	0.0250	ND	0.0184	0.0200	71.1	77.7	1	67.9-134			8.69	20
Vinyl chloride	0.0250	ND	0.0131	0.0152	52.6	60.8	1	44.3-143			14.4	20
Xylenes, Total	0.0750	ND	0.0535	0.0590	71.3	78.7	1	65.6-133			9.90	20
o-Xylene	0.0250	ND	0.0181	0.0199	72.5	79.6	1	67.1-133			9.22	20
m&p-Xylenes	0.0500	ND	0.0353	0.0391	70.7	78.3	1	64.1-133			10.3	20
(S) Toluene-d8					*104*	*103*		*90.0-115*				
(S) Dibromofluoromethane					*99.1*	*103*		*79.0-121*				
(S) 4-Bromofluorobenzene					*94.8*	*94.1*		*80.1-120*				

Method Blank (MB)

(MB) R3134100-3 05/05/16 07:12

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.000331	0.00100
Methyl tert-butyl ether	U		0.000367	0.00100
(S) Toluene-d8	*108*			*90.0-115*
(S) Dibromofluoromethane	*101*			*79.0-121*
(S) 4-Bromofluorobenzene	*98.1*			*80.1-120*

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

(LCS) R3134100-1 05/05/16 05:24 • (LCSD) R3134100-2 05/05/16 05:46

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	0.0226	0.0232	90.5	92.8	73.0-122			2.54	20
Methyl tert-butyl ether	0.0250	0.0241	0.0247	96.5	98.8	70.1-125			2.41	20
(S) Toluene-d8				*104*	*104*	*90.0-115*				
(S) Dibromofluoromethane				*95.9*	*95.5*	*79.0-121*				
(S) 4-Bromofluorobenzene				*96.7*	*97.2*	*80.1-120*				

Method Blank (MB)

(MB) R3134515-3 05/06/16 05:04

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/l		mg/l	mg/l
Benzene	U		0.000331	0.00100
cis-1,2-Dichloroethene	U		0.000260	0.00100
Ethylbenzene	U		0.000384	0.00100
Methyl tert-butyl ether	U		0.000367	0.00100
Naphthalene	U		0.00100	0.00500
(S) Toluene-d8	*99.6*			*90.0-115*
(S) Dibromofluoromethane	*116*			*79.0-121*
(S) 4-Bromofluorobenzene	*82.7*			*80.1-120*

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

(LCS) R3134515-1 05/06/16 03:39 • (LCSD) R3134515-2 05/06/16 04:01

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	%	%	%			%	%
Benzene	0.0250	0.0282	0.0277	113	111	73.0-122			1.85	20
cis-1,2-Dichloroethene	0.0250	0.0275	0.0270	110	108	77.3-122			1.77	20
Ethylbenzene	0.0250	0.0236	0.0223	94.4	89.2	80.9-121			5.67	20
Methyl tert-butyl ether	0.0250	0.0250	0.0247	100	98.6	70.1-125			1.48	20
Naphthalene	0.0250	0.0243	0.0237	97.1	94.8	69.7-134			2.39	20
(S) Toluene-d8				*101*	*101*	*90.0-115*				
(S) Dibromofluoromethane				*118*	*114*	*79.0-121*				
(S) 4-Bromofluorobenzene				*85.9*	*84.3*	*80.1-120*				

L832600-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L832600-02 05/06/16 07:35 • (MS) R3134515-4 05/06/16 06:31 • (MSD) R3134515-5 05/06/16 06:52

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	mg/l	%	%		%			%	%
Benzene	0.0250	0.00546	0.0315	0.0302	104	99.0	1	58.6-133			4.31	20
cis-1,2-Dichloroethene	0.0250	ND	0.0258	0.0253	103	101	1	60.6-136			2.29	20
Ethylbenzene	0.0250	ND	0.0219	0.0208	87.5	83.3	1	62.7-136			4.98	20
Methyl tert-butyl ether	0.0250	ND	0.0249	0.0243	99.6	97.2	1	61.4-136			2.41	20
Naphthalene	0.0250	ND	0.0253	0.0242	101	96.7	1	61.8-143			4.46	20
(S) Toluene-d8					*103*	*100*		*90.0-115*				
(S) Dibromofluoromethane					*116*	*115*		*79.0-121*				
(S) 4-Bromofluorobenzene					*87.3*	*86.4*		*80.1-120*				

Method Blank (MB)

(MB) R3133523-1 05/03/16 12:19

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/l		mg/l	mg/l
TPH (GC/FID) High Fraction	U		0.0247	0.100
(S) o-Terphenyl	*97.1*			*50.0-150*

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

(LCS) R3133523-2 05/03/16 12:36 • (LCSD) R3133523-3 05/03/16 12:52

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	%	%	%			%	%
TPH (GC/FID) High Fraction	1.50	1.67	1.66	111	111	50.0-150			0.510	20
(S) o-Terphenyl				*99.7*	*99.2*	*50.0-150*				

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Method Blank (MB)

(MB) R3133525-1 05/03/16 13:09

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/l		mg/l	mg/l
TPH (GC/FID) High Fraction	U		0.0247	0.100
(S) o-Terphenyl	*108*			*50.0-150*

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

(LCS) R3133525-2 05/03/16 13:25 • (LCSD) R3133525-3 05/03/16 13:42

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	%	%	%			%	%
TPH (GC/FID) High Fraction	1.50	1.75	1.71	117	114	50.0-150			2.53	20
(S) o-Terphenyl				*108*	*104*	*50.0-150*				

Abbreviations and Definitions

SDG	Sample Delivery Group.
MDL	Method Detection Limit.
RDL	Reported Detection Limit.
ND,U	Not detected at the Sample Detection Limit.
RPD	Relative Percent Difference.
(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
(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.
SDL	Sample Detection Limit.
MQL	Method Quantitation Limit.
Unadj. MQL	Unadjusted Method Quantitation Limit.

Qualifier	Description
B	The same analyte is found in the associated blank.
J	The identification of the analyte is acceptable; the reported value is an estimate.
J3	The associated batch QC was outside the established quality control range for precision.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
J7	Surrogate recovery cannot be used for control limit evaluation due to dilution.
O1	The analyte failed the method required serial dilution test and/or subsequent post-spike criteria. These failures indicate matrix interference.
P1	RPD value not applicable for sample concentrations less than 5 times the reporting limit.
V	The sample concentration is too high to evaluate accurate spike recoveries.

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 [1 4]	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		

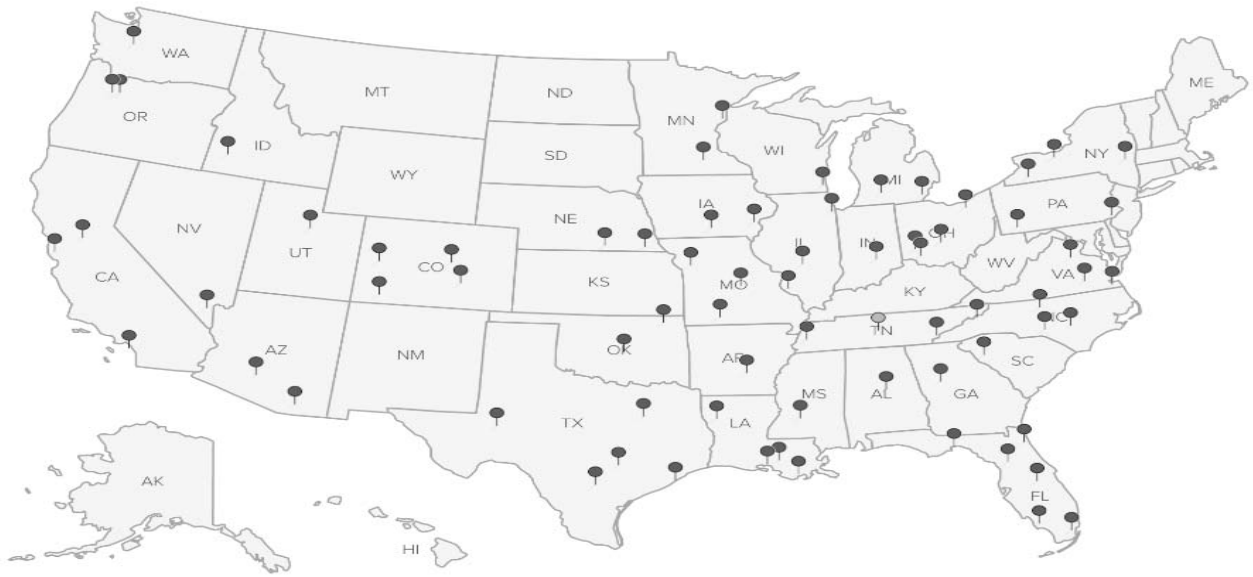
Third Party & Federal Accreditations

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.**



Company Name/Address:	Billing Information:
TRC Solutions - Austin, TX 505 E. Huntland Dr, Ste 250 Austin, TX 78752	Accounts Payable 21 Griffin Road North Windsor, CT 06095
Report to: jspeer@trcsolutions.com	Email To: jspeer@trcsolutions.com
Project Description: REST Spring 2016 ~~Team F~~	City/State Collected: Artesia, NM
Phone: 512-684-3170 Fax:	Client Project #	Lab Project #: TRCATX-REST SPRING
Collected by (print): Scott Ude + HMI Team	Site/Facility ID #: REST - Navajo- Artesia	P.O. #
Collected by (signature): Scott Ude Immediately Packed on Ice N ___ Y ✓	Rush? (Lab MUST Be Notified) ___ Same Day .....200% ___ Next Day .....100% ___ Two Day .....50% ___ Three Day 25%	Date Results Needed Email? ___No ___Yes FAX? ___No ___Yes

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	DRO - 40mlAmb-HCl-BT	GRO - 40mlAmb-HCl	V8260 - 40mlAmb-HCl	Tot./Diss. As,Ba,Cr,Fe,Pb,Mn,Se - 500mlHDPE-HNO3	Cyanide (CN) - 250mlHDPEAmb-NaOH	Cations-Total Ca, K, Na - 500mlHDPE-HNO3	Anions - Chloride, Fluoride, Sulfate- 125mlHDPE-NoPres	Nitrate/Nitrite (NO2NO3) - 250mlHDPE-H2SO4	TDS - 250mlHDPE-NoPres	Tot/Diss. As,B,Ba,Cd,Co,Cr,Fe,Hg,Mn,Ni,Pb,Se,U,V	Rem./Contaminant	Sample # (lab only)
UG-1		GW		4/27/16	925	13	✓	✓	✓		✓	✓	✓	✓	✓	✓		-01
UG-2				4/27/16	835	13	✓	✓	✓		✓	✓	✓	✓	✓	✓		02
UG-3R				4/27/16	1135	13	✓	✓	✓		✓	✓	✓	✓	✓	✓		03
UG-4				4/27/16	1020	13	✓	✓	✓		✓	✓	✓	✓	✓	✓		04
Trip Blank-Rest-03				4/27/16	—	1			✓									05
MW-117				4/26/16	1815	12	✓	✓	✓	✓		✓	✓	✓	✓			06
MW-118				4/26/16	1720	12	✓	✓	✓	✓		✓	✓	✓	✓			07
MW-119				4/26/16	1630	12	✓	✓	✓	✓		✓	✓	✓	✓			08
MW-57				4/27/16	1025	12	✓	✓	✓	✓		✓	✓	✓	✓			09
MW-111	↓	↓		4/27/16	1120	12	✓	✓	✓	✓		✓	✓	✓	✓			10

Chain of Custody Page 1 of 1

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# L832409
A181

Acctnum: TRCATX
Template: T111393
Prelogin: P549621
TSR: Chris McCord
Cooler: 4-1-16 CM
Shipped Via:

* Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other_____

Remarks: **Log all metals by 6020. Dissolved metals are field filtered.**

pH _____ Temp _____
Flow _____ Other _____

Hold #

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Scott Ude	4/27/16	1400	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)

Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐ ____
Temp: 3.5 °C Bottles Received: 294
Date: 4/29/16 Time: 900

Condition: (lab use only) M12
COC Seal Intact: ✓ Y ___N ___NA
pH Checked: 12,>12 NCF:

6443B70 3848, 6711 0127 5712, 6711 0335 5716

Page 2 of 3

Company Name/Address:
TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095

Report to: jspeer@trcsolutions.com
Email To: jspeer@trcsolutions.com

Project Description: REST Spring 2016 - ~~Team F~~ SH
City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:
Client Project #
Lab Project #: TRCATX-REST SPRING

Collected by (print): Scott Hyde + AMI Team
Site/Facility ID #: REST - Navajo- Artesia
P.O. #

Collected by (signature): Scott Hyde
Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day 200%
___ Next Day 100%
___ Two Day 50%
___ Three Day 25%

Date Results Needed
Email? ___No ___Yes
FAX? ___No ___Yes

Analysis / Container / Preservative

Sample ID	Comp	Grab	Matrix *	Depth	Date	Time	No. of Cntrs	DRO - 40mlAmb-HCl-BT	GRO - 40mlAmb-HCl	V8260 - 40mlAmb-HCl	Tot./Diss. As,Ba,Cr,Fe,Pb,Mn,Se - 500mlHDPE-HNO3	Cyanide (CN) - 250mlHDPEAmb-NaOH	Cations-Total Ca, K, Na - 500mlHDPE-HNO3	Anions- Chloride, Fluoride, Sulfate- 125ml HDPE-NoPres	Nitrate/Nitrite (NO2NO3) - 250mlHDPE-H2SO4	TDS - 250mlHDPE-NoPres	Tot/Diss. As,B,Ba,Cd,Co,Cr,Fe,Hg,Mn,Ni,Pb,Se,U,V	Rem./Contaminant	Sample # (lab only)
KWB-5		✓	GW		4/27/16	1220	10	✓		✓	✓		✓	✓	✓	✓			-11
KWB-12A		↓	↓		4/27/16	830	13	✓	✓	✓		✓	✓	✓	✓	✓	✓		12
KWB-12B					4/27/16	915	13	✓	✓	✓		✓	✓	✓	✓	✓	✓		13
DUP-REST-05					4/27/16	800	13	✓	✓	✓		✓	✓	✓	✓	✓	✓		14
EB-REST-05					4/27/16	935	13	✓	✓	✓		✓	✓	✓	✓	✓	✓		15
KWB-11B					4/27/16	1140	13	✓	✓	✓		✓	✓	✓	✓	✓	✓		16
KWB-11A					4/27/16	1055	13	✓	✓	✓		✓	✓	✓	✓	✓	✓		17
RW-13R					4/27/16	950	10	✓		✓	✓		✓	✓	✓	✓			18
RA-4196					4/27/16	835	6			✓			✓	✓	✓	✓			19
Trip Blank-REST-01	↓	↓	↓		4/27/16	—	1			✓									20

* Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other_____

Remarks: **Log all metals by 6020. Dissolved metals are field filtered.**

pH _____ Temp _____
Flow _____ Other _____

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Scott Hyde	4/27/16	1400	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)

Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐ _____
Temp: 3.5 °C Bottles Received: 24

Date: 4/29/16 Time: 900

Chain of Custody

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# L832409
Table #
Acctnum: TRCATX
Template: T111393
Prelogin: P549621
TSR: Chris McCord
Cooler: 4-1-16 AM
Shipped Via:

Hold #
Condition: (lab use only) M12
COC Seal Intact: ✓ Y ___N ___NA
pH Checked: <2, 7/12 NCF:

Chain of Custody Page 3 of 3

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

L# L832409
Table #
Acctnum: TRCATX
Template: T111397
Prelogin: P549625
TSR: Chris McCord
Cooler:
Shipped Via:

Company Name/Address:
TRC Solutions - Austin, TX
505 E. Huntland Dr, Ste 250
Austin, TX 78752

Billing Information:
Accounts Payable
21 Griffin Road North
Windsor, CT 06095

Report to: jspeer@trcsolutions.com
Email To: jspeer@trcsolutions.com

Project Description: REST Spring 2016 - ~~Team H~~ CJH
City/State Collected: Artesia, NM

Phone: 512-684-3170
Fax:
Client Project #
Lab Project # TRCATX-REST SPRING

Collected by (print): Scott Uck + HMI Team
Site/Facility ID # REST - Navajo- Artesia
P.O. #

Collected by (signature): Scott Uck
Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day 200%
___ Next Day 100%
___ Two Day 50%
___ Three Day 25%

Date Results Needed
Email? ___No ___Yes
FAX? ___No ___Yes

Analysis / Container / Preservative

Sample ID	Comp	Grab	Matrix *	Depth	Date	Time	No. of Cntrs	DRO - 40mlAmb-HCl-BT	GRO - 40mlAmb-HCl	V8260 - 40mlAmb-HCl	Tot./Diss. As,Ba,Cr,Fe,Pb,Mn,Se - 500mlHDPE-HNO3	Cyanide (CN) - 250mlHDPEAmb-NaOH	Cations-Total Ca, K, Na - 500mlHDPE-HNO3	Anions - Chloride, Fluoride, Sulfate- 125mlHDPE-NoPres	Nitrate/Nitrite (NO2NO3) - 250mlHDPE-H2SO4	TDS - 250mlHDPE-NoPres	Tot/Diss. As,B,Ba,Cd,Co,Cr,Fe,Hg,Mn,Ni,Pb,Se,U,V	Rem./Contaminant	Sample # (lab only)
RA-4798			GW		4/27/16	850	6			✓			✓	✓	✓	✓			21
MW-50					4/27/16	755	10	✓		✓	✓		✓	✓	✓	✓			22
MW-92					4/27/16	845	12	✓	✓	✓	✓		✓	✓	✓	✓			23
RW-1					4/27/16	940	12	✓	✓	✓	✓		✓	✓	✓	✓			24
MW-91					4/27/16	1030	12	✓	✓	✓	✓		✓	✓	✓	✓			25
MW-90					4/27/16	1120	12	✓	✓	✓	✓		✓	✓	✓	✓			26
MW-96	↓		↓		4/27/16	1205	12	✓	✓	✓	✓		✓	✓	✓	✓			27

* Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other_____

Remarks: **Log all metals by 6020. Dissolved metals are field filtered.**

pH _____ Temp _____
Flow _____ Other _____
Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐ _____
Temp: 3.5 °C Bottles Received: 294
Date: 4/29/16 Time: 900
Received for lab by: (Signature)

Hold #
Condition: (lab use only) NM2
COC Seal Intact: ✓Y ___N ___NA
pH Checked: 22,712 NCF:

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Scott Uck	4/27/16	1400	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)

ANALYTICAL REPORT

May 17, 2016

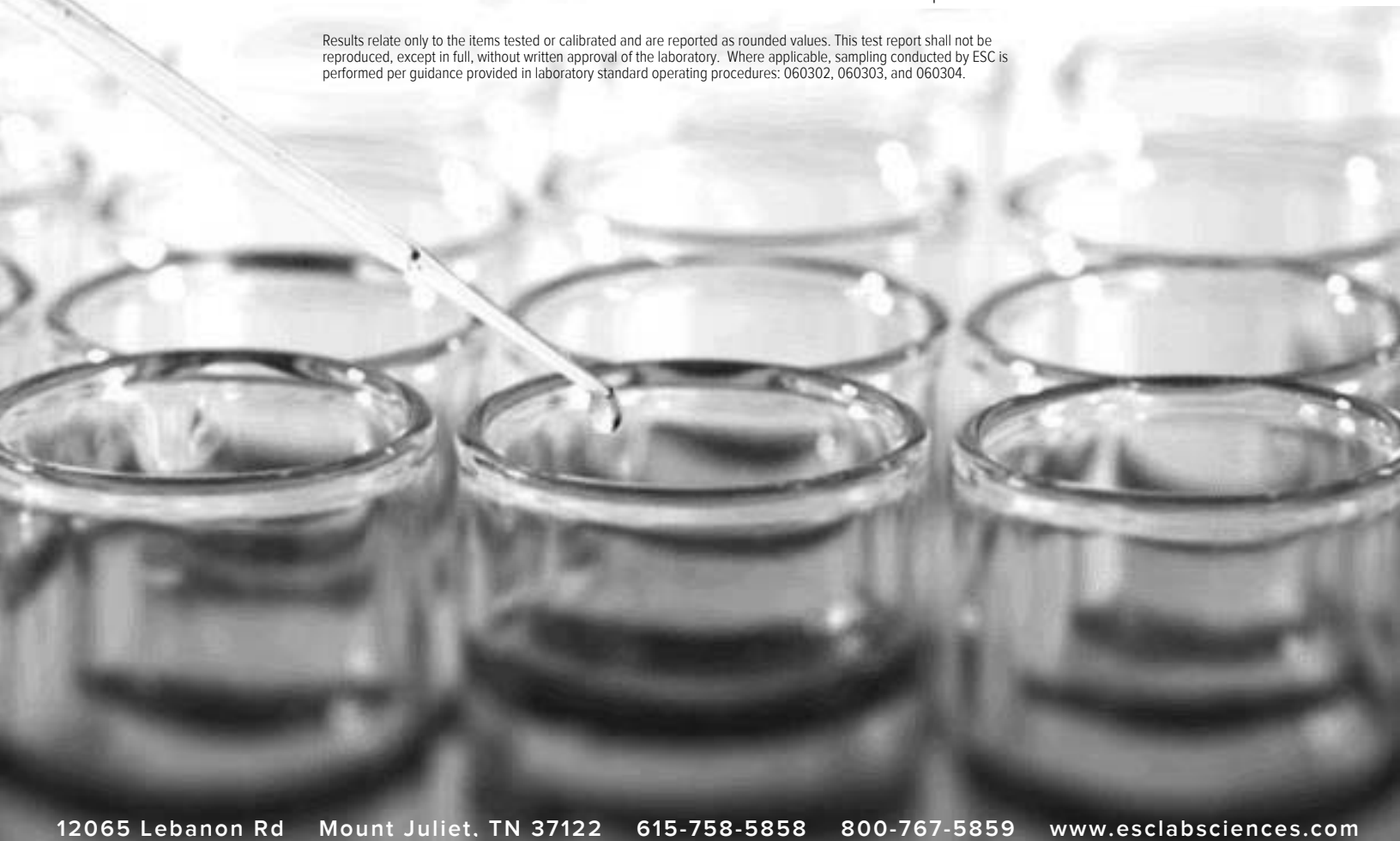
TRC Solutions - Austin, TX

Sample Delivery Group:	L832422
Samples Received:	04/29/2016
Project Number:	249545.0000.0000 000
Description:	REST Spring 2016
Site:	REST - NAVAJO-ARTESIA
Report To:	Julie Speer 505 E. Huntland Dr, Ste 250 Austin, TX 78752

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.



MW-103 L832422-01 GW

Collected by: SU / HM1 Team | Collected date/time: 04/28/16 09:45 | Received date/time: 04/29/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Gravimetric Analysis by Method 2540 C-2011	WG869764	1	05/04/16 15:51	05/04/16 16:22	MMF
Metals (ICPMS) by Method 6020	WG869245	5	05/03/16 10:57	05/05/16 21:25	LAT
Metals (ICPMS) by Method 6020	WG869245	5	05/03/16 10:57	05/06/16 13:32	LAT
Metals (ICPMS) by Method 6020	WG869264	20	05/03/16 12:21	05/09/16 15:26	JD
Metals (ICPMS) by Method 6020	WG869264	5	05/03/16 12:21	05/06/16 16:25	ST
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG869249	1	05/02/16 21:06	05/03/16 15:03	JNS
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG869042	1	05/02/16 13:56	05/02/16 13:56	DAH
Volatile Organic Compounds (GC/MS) by Method 8260B	WG868978	5	05/03/16 09:59	05/03/16 09:59	BMB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG870046	50	05/06/16 12:55	05/06/16 12:55	JHH
Wet Chemistry by Method 353.2	WG870052	10	05/11/16 13:21	05/11/16 13:21	ASK
Wet Chemistry by Method 9056A	WG869281	1	05/03/16 19:57	05/03/16 19:57	CM
Wet Chemistry by Method 9056A	WG869281	500	05/03/16 18:57	05/03/16 18:57	CM

MW-104 L832422-02 GW

Collected by: SU / HM1 Team | Collected date/time: 04/28/16 10:50 | Received date/time: 04/29/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Gravimetric Analysis by Method 2540 C-2011	WG869764	1	05/04/16 15:51	05/04/16 16:22	MMF
Metals (ICPMS) by Method 6020	WG869264	5	05/03/16 12:21	05/06/16 16:12	ST
Metals (ICPMS) by Method 6020	WG869664	1	05/03/16 18:32	05/04/16 13:21	JDG
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG869249	1	05/02/16 21:06	05/03/16 15:20	JNS
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG869042	1	05/02/16 14:19	05/02/16 14:19	DAH
Volatile Organic Compounds (GC/MS) by Method 8260B	WG870074	1	05/05/16 19:30	05/05/16 19:30	DAH
Wet Chemistry by Method 353.2	WG870052	10	05/11/16 13:23	05/11/16 13:23	ASK
Wet Chemistry by Method 9056A	WG869281	1	05/03/16 14:27	05/03/16 14:27	CM
Wet Chemistry by Method 9056A	WG869281	50	05/03/16 18:42	05/03/16 18:42	CM

EB-REST-02 L832422-03 GW

Collected by: SU / HM1 Team | Collected date/time: 04/28/16 11:05 | Received date/time: 04/29/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Gravimetric Analysis by Method 2540 C-2011	WG869764	1	05/04/16 15:51	05/04/16 16:22	MMF
Metals (ICPMS) by Method 6020	WG869264	1	05/03/16 12:21	05/06/16 19:44	ST
Metals (ICPMS) by Method 6020	WG869664	1	05/03/16 18:32	05/04/16 18:11	JDG
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG869249	1	05/02/16 21:06	05/03/16 15:36	JNS
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG869042	1	05/02/16 14:42	05/02/16 14:42	DAH
Volatile Organic Compounds (GC/MS) by Method 8260B	WG868978	1	05/03/16 10:44	05/03/16 10:44	BMB
Wet Chemistry by Method 353.2	WG870052	10	05/11/16 13:24	05/11/16 13:24	ASK
Wet Chemistry by Method 9056A	WG870882	1	05/10/16 17:09	05/10/16 17:09	CM

DUP-REST-02 L832422-04 GW

Collected by: SU / HM1 Team | Collected date/time: 04/28/16 09:00 | Received date/time: 04/29/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Gravimetric Analysis by Method 2540 C-2011	WG869764	1	05/04/16 15:51	05/04/16 16:22	MMF
Metals (ICPMS) by Method 6020	WG869264	5	05/03/16 12:21	05/06/16 16:30	ST
Metals (ICPMS) by Method 6020	WG869664	1	05/03/16 18:32	05/04/16 18:13	JDG
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG869249	1	05/02/16 21:06	05/03/16 15:53	JNS
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG869042	1	05/02/16 15:05	05/02/16 15:05	DAH
Volatile Organic Compounds (GC/MS) by Method 8260B	WG870074	1	05/05/16 19:47	05/05/16 19:47	DAH
Wet Chemistry by Method 353.2	WG870052	10	05/11/16 13:25	05/11/16 13:25	ASK
Wet Chemistry by Method 9056A	WG869281	1	05/03/16 17:43	05/03/16 17:43	CM
Wet Chemistry by Method 9056A	WG869281	50	05/03/16 18:27	05/03/16 18:27	CM

MW-126B L832422-05 GW

Collected by: SU / HM1 Team
Collected date/time: 04/28/16 10:20
Received date/time: 04/29/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Gravimetric Analysis by Method 2540 C-2011	WG869764	1	05/04/16 15:51	05/04/16 16:22	MMF
Metals (ICPMS) by Method 6020	WG869264	5	05/03/16 12:21	05/06/16 16:41	ST
Metals (ICPMS) by Method 6020	WG869664	1	05/03/16 18:32	05/04/16 18:39	JDG
Metals (ICPMS) by Method 6020	WG869664	5	05/03/16 18:32	05/04/16 18:42	JDG
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG869249	1	05/02/16 21:06	05/03/16 16:09	JNS
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG869042	1	05/02/16 15:28	05/02/16 15:28	DAH
Volatile Organic Compounds (GC/MS) by Method 8260B	WG868978	1	05/03/16 13:00	05/03/16 13:00	BMB
Wet Chemistry by Method 353.2	WG870052	10	05/11/16 13:26	05/11/16 13:26	ASK
Wet Chemistry by Method 9056A	WG869281	1	05/03/16 17:58	05/03/16 17:58	CM
Wet Chemistry by Method 9056A	WG869281	50	05/03/16 18:12	05/03/16 18:12	CM

KWB-1A L832422-06 GW

Collected by: SU / HM1 Team
Collected date/time: 04/28/16 12:20
Received date/time: 04/29/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Gravimetric Analysis by Method 2540 C-2011	WG869764	1	05/04/16 15:51	05/04/16 16:22	MMF
Mercury by Method 7470A	WG868782	1	04/30/16 11:13	05/02/16 13:04	NJB
Mercury by Method 7470A	WG868783	1	04/30/16 11:15	05/02/16 12:41	NJB
Metals (ICPMS) by Method 6020	WG869264	5	05/03/16 12:21	05/06/16 16:44	ST
Metals (ICPMS) by Method 6020	WG869664	1	05/03/16 18:32	05/04/16 18:18	JDG
Metals (ICPMS) by Method 6020	WG869664	1	05/03/16 18:32	05/05/16 10:56	LAT
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG869249	1	05/02/16 21:06	05/03/16 16:25	JNS
Volatile Organic Compounds (GC/MS) by Method 8260B	WG868978	1	05/03/16 13:23	05/03/16 13:23	BMB
Wet Chemistry by Method 353.2	WG870052	10	05/11/16 13:32	05/11/16 13:32	ASK
Wet Chemistry by Method 9056A	WG869281	1	05/03/16 20:12	05/03/16 20:12	CM
Wet Chemistry by Method 9056A	WG869281	50	05/03/16 20:27	05/03/16 20:27	CM
Wet Chemistry by Method D 7511-09e2	WG871518	1	05/10/16 21:36	05/10/16 21:36	ASK

KWB-6 L832422-07 GW

Collected by: SU / HM1 Team
Collected date/time: 04/28/16 09:25
Received date/time: 04/29/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Gravimetric Analysis by Method 2540 C-2011	WG869764	1	05/04/16 15:51	05/04/16 16:22	MMF
Metals (ICPMS) by Method 6020	WG869264	5	05/03/16 12:21	05/06/16 16:47	ST
Metals (ICPMS) by Method 6020	WG869664	1	05/03/16 18:32	05/04/16 18:20	JDG
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG869249	1	05/02/16 21:06	05/03/16 16:42	JNS
Volatile Organic Compounds (GC/MS) by Method 8260B	WG868978	5	05/03/16 13:46	05/03/16 13:46	BMB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG870046	250	05/06/16 13:17	05/06/16 13:17	JHH
Wet Chemistry by Method 353.2	WG870052	10	05/11/16 13:34	05/11/16 13:34	ASK
Wet Chemistry by Method 9056A	WG869281	1	05/03/16 20:42	05/03/16 20:42	CM
Wet Chemistry by Method 9056A	WG869281	50	05/03/16 20:57	05/03/16 20:57	CM

KWB-10R L832422-08 GW

Collected by: SU / HM1 Team
Collected date/time: 04/28/16 11:25
Received date/time: 04/29/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Gravimetric Analysis by Method 2540 C-2011	WG869764	1	05/04/16 15:51	05/04/16 16:22	MMF
Metals (ICPMS) by Method 6020	WG869264	5	05/03/16 12:21	05/06/16 16:49	ST
Metals (ICPMS) by Method 6020	WG869664	1	05/03/16 18:32	05/04/16 18:23	JDG
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG869249	1	05/02/16 21:06	05/03/16 16:58	JNS
Volatile Organic Compounds (GC/MS) by Method 8260B	WG870074	50	05/05/16 20:05	05/05/16 20:05	DAH
Wet Chemistry by Method 353.2	WG870052	10	05/11/16 13:35	05/11/16 13:35	ASK

KWB-10R L832422-08 GW

Collected by: SU / HM1 Team
Collected date/time: 04/28/16 11:25
Received date/time: 04/29/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Wet Chemistry by Method 9056A	WG869281	1	05/03/16 21:12	05/03/16 21:12	CM
Wet Chemistry by Method 9056A	WG869281	50	05/03/16 21:26	05/03/16 21:26	CM

RW-#18A L832422-09 GW

Collected by: SU / HM1 Team
Collected date/time: 04/28/16 13:15
Received date/time: 04/29/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Gravimetric Analysis by Method 2540 C-2011	WG869764	1	05/04/16 15:51	05/04/16 16:22	MMF
Metals (ICPMS) by Method 6020	WG869264	5	05/03/16 12:21	05/06/16 16:52	ST
Metals (ICPMS) by Method 6020	WG869664	1	05/03/16 18:32	05/04/16 14:56	JDG
Volatile Organic Compounds (GC/MS) by Method 8260B	WG870074	1	05/05/16 20:22	05/05/16 20:22	DAH
Wet Chemistry by Method 353.2	WG870052	10	05/11/16 13:36	05/11/16 13:36	ASK
Wet Chemistry by Method 9056A	WG869281	1	05/03/16 21:41	05/03/16 21:41	CM
Wet Chemistry by Method 9056A	WG869281	50	05/03/16 21:56	05/03/16 21:56	CM
Wet Chemistry by Method D 7511-09e2	WG871518	1	05/10/16 21:39	05/10/16 21:39	ASK

TRIP BLANK-REST-02 L832422-10 GW

Collected by: SU / HM1 Team
Collected date/time: 04/28/16 00:00
Received date/time: 04/29/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG868978	1	05/03/16 09:36	05/03/16 09:36	BMB

MW-40 L832422-11 GW

Collected by: SU / HM1 Team
Collected date/time: 04/28/16 12:30
Received date/time: 04/29/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Gravimetric Analysis by Method 2540 C-2011	WG869765	1	05/04/16 15:20	05/04/16 15:50	MMF
Metals (ICPMS) by Method 6020	WG869264	5	05/03/16 12:21	05/06/16 16:55	ST
Metals (ICPMS) by Method 6020	WG869664	1	05/03/16 18:32	05/04/16 18:25	JDG
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG869249	1	05/02/16 21:06	05/03/16 17:14	JNS
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG869042	5	05/02/16 15:51	05/02/16 15:51	DAH
Volatile Organic Compounds (GC/MS) by Method 8260B	WG870074	1	05/05/16 20:39	05/05/16 20:39	DAH
Wet Chemistry by Method 353.2	WG870052	10	05/11/16 13:37	05/11/16 13:37	ASK
Wet Chemistry by Method 9056A	WG869281	1	05/03/16 22:41	05/03/16 22:41	CM
Wet Chemistry by Method 9056A	WG869281	50	05/03/16 19:12	05/03/16 19:12	CM

MW-98 L832422-12 GW

Collected by: SU / HM1 Team
Collected date/time: 04/28/16 11:40
Received date/time: 04/29/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Gravimetric Analysis by Method 2540 C-2011	WG869765	1	05/04/16 15:20	05/04/16 15:50	MMF
Metals (ICPMS) by Method 6020	WG869264	5	05/03/16 12:21	05/06/16 16:57	ST
Metals (ICPMS) by Method 6020	WG869664	1	05/03/16 18:32	05/04/16 18:27	JDG
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG869249	1	05/02/16 21:06	05/03/16 17:30	JNS
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG869042	25	05/02/16 19:43	05/02/16 19:43	DAH
Volatile Organic Compounds (GC/MS) by Method 8260B	WG868978	100	05/03/16 15:17	05/03/16 15:17	BMB
Wet Chemistry by Method 353.2	WG870052	10	05/11/16 13:38	05/11/16 13:38	ASK
Wet Chemistry by Method 9056A	WG869281	1	05/03/16 22:56	05/03/16 22:56	CM
Wet Chemistry by Method 9056A	WG869281	50	05/03/16 23:11	05/03/16 23:11	CM

MW-93 L832422-13 GW

Collected by: SU / HM1 Team
Collected date/time: 04/28/16 08:25
Received date/time: 04/29/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Gravimetric Analysis by Method 2540 C-2011	WG869765	1	05/04/16 15:20	05/04/16 15:50	MMF
Metals (ICPMS) by Method 6020	WG869264	5	05/03/16 12:21	05/06/16 17:00	ST
Metals (ICPMS) by Method 6020	WG869664	1	05/03/16 18:32	05/04/16 18:45	JDG
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG869249	1	05/02/16 21:06	05/03/16 17:47	JNS
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG869042	1	05/02/16 20:06	05/02/16 20:06	DAH
Volatile Organic Compounds (GC/MS) by Method 8260B	WG868978	5	05/03/16 15:40	05/03/16 15:40	BMB
Wet Chemistry by Method 353.2	WG870052	10	05/11/16 13:39	05/11/16 13:39	ASK
Wet Chemistry by Method 9056A	WG869281	1	05/03/16 23:26	05/03/16 23:26	CM
Wet Chemistry by Method 9056A	WG869281	50	05/03/16 23:41	05/03/16 23:41	CM

MW-23 L832422-14 GW

Collected by: SU / HM1 Team
Collected date/time: 04/28/16 09:15
Received date/time: 04/29/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Gravimetric Analysis by Method 2540 C-2011	WG869765	1	05/04/16 15:20	05/04/16 15:50	MMF
Metals (ICPMS) by Method 6020	WG869264	5	05/03/16 12:21	05/06/16 17:03	ST
Metals (ICPMS) by Method 6020	WG869664	1	05/03/16 18:32	05/04/16 18:47	JDG
Metals (ICPMS) by Method 6020	WG869664	2	05/03/16 18:32	05/04/16 19:07	JDG
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG869249	20	05/02/16 21:06	05/04/16 14:48	JNS
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG869042	5	05/02/16 20:29	05/02/16 20:29	DAH
Volatile Organic Compounds (GC/MS) by Method 8260B	WG868978	5	05/03/16 16:02	05/03/16 16:02	BMB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG870046	250	05/06/16 13:38	05/06/16 13:38	JHH
Wet Chemistry by Method 353.2	WG870052	10	05/11/16 15:11	05/11/16 15:11	ASK
Wet Chemistry by Method 9056A	WG869281	1	05/03/16 23:56	05/03/16 23:56	CM
Wet Chemistry by Method 9056A	WG869281	50	05/04/16 00:11	05/04/16 00:11	CM

MW-138 L832422-15 GW

Collected by: SU / HM1 Team
Collected date/time: 04/28/16 10:05
Received date/time: 04/29/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Gravimetric Analysis by Method 2540 C-2011	WG869765	1	05/04/16 15:20	05/04/16 15:50	MMF
Mercury by Method 7470A	WG868782	1	04/30/16 11:13	05/02/16 14:00	NJB
Mercury by Method 7470A	WG868783	1	04/30/16 11:15	05/02/16 12:50	NJB
Metals (ICPMS) by Method 6020	WG869264	5	05/03/16 12:21	05/06/16 17:06	ST
Metals (ICPMS) by Method 6020	WG869664	1	05/03/16 18:32	05/04/16 18:49	JDG
Metals (ICPMS) by Method 6020	WG869664	1	05/03/16 18:32	05/05/16 10:59	LAT
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG869249	5	05/02/16 21:06	05/04/16 13:26	JNS
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG869042	5	05/02/16 20:52	05/02/16 20:52	DAH
Volatile Organic Compounds (GC/MS) by Method 8260B	WG868978	10	05/03/16 16:25	05/03/16 16:25	BMB
Wet Chemistry by Method 353.2	WG870052	10	05/11/16 15:12	05/11/16 15:12	ASK
Wet Chemistry by Method 9056A	WG869281	1	05/04/16 01:25	05/04/16 01:25	CM
Wet Chemistry by Method 9056A	WG869281	50	05/04/16 00:25	05/04/16 00:25	CM
Wet Chemistry by Method 9056A	WG870882	10	05/10/16 16:38	05/10/16 16:38	CM
Wet Chemistry by Method D 7511-09e2	WG871518	10	05/10/16 21:42	05/10/16 21:42	ASK

MW-137 L832422-16 GW

Collected by: SU / HM1 Team
Collected date/time: 04/28/16 11:00
Received date/time: 04/29/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Gravimetric Analysis by Method 2540 C-2011	WG869765	1	05/04/16 15:20	05/04/16 15:50	MMF
Mercury by Method 7470A	WG868782	1	04/30/16 11:13	05/02/16 14:03	NJB
Mercury by Method 7470A	WG868783	1	04/30/16 11:15	05/02/16 12:52	NJB

MW-137 L832422-16 GW

Collected by: SU / HM1 Team
Collected date/time: 04/28/16 11:00
Received date/time: 04/29/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Metals (ICPMS) by Method 6020	WG869264	5	05/03/16 12:21	05/06/16 17:50	ST
Metals (ICPMS) by Method 6020	WG869664	1	05/03/16 18:32	05/04/16 18:51	JDG
Metals (ICPMS) by Method 6020	WG869664	1	05/03/16 18:32	05/05/16 11:02	LAT
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG869249	5	05/02/16 21:06	05/04/16 13:43	JNS
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG869042	100	05/02/16 21:15	05/02/16 21:15	DAH
Volatile Organic Compounds (GC/MS) by Method 8260B	WG868978	250	05/03/16 19:28	05/03/16 19:28	BMB
Wet Chemistry by Method 353.2	WG870052	10	05/11/16 15:14	05/11/16 15:14	ASK
Wet Chemistry by Method 9056A	WG869281	1	05/04/16 01:55	05/04/16 01:55	CM
Wet Chemistry by Method 9056A	WG870882	100	05/10/16 18:13	05/10/16 18:13	CM
Wet Chemistry by Method D 7511-09e2	WG871518	100	05/10/16 21:48	05/10/16 21:48	NJM

MW-42 L832422-17 GW

Collected by: SU / HM1 Team
Collected date/time: 04/28/16 12:05
Received date/time: 04/29/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Gravimetric Analysis by Method 2540 C-2011	WG869765	1	05/04/16 15:20	05/04/16 15:50	MMF
Metals (ICPMS) by Method 6020	WG869264	5	05/03/16 12:21	05/06/16 17:52	ST
Metals (ICPMS) by Method 6020	WG869664	1	05/03/16 18:32	05/04/16 18:54	JDG
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG869249	1	05/02/16 21:06	05/03/16 19:58	JNS
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG869042	1	05/02/16 21:37	05/02/16 21:37	DAH
Volatile Organic Compounds (GC/MS) by Method 8260B	WG868978	5	05/03/16 19:51	05/03/16 19:51	BMB
Wet Chemistry by Method 353.2	WG870052	10	05/11/16 15:15	05/11/16 15:15	ASK
Wet Chemistry by Method 9056A	WG869673	1	05/09/16 13:30	05/09/16 13:30	CM
Wet Chemistry by Method 9056A	WG869673	50	05/09/16 13:46	05/09/16 13:46	CM

MW-41 L832422-18 GW

Collected by: SU / HM1 Team
Collected date/time: 04/28/16 11:10
Received date/time: 04/29/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Gravimetric Analysis by Method 2540 C-2011	WG869765	1	05/04/16 15:20	05/04/16 15:50	MMF
Metals (ICPMS) by Method 6020	WG869264	5	05/03/16 12:21	05/06/16 17:55	ST
Metals (ICPMS) by Method 6020	WG869664	1	05/03/16 18:32	05/04/16 18:56	JDG
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG869249	1	05/02/16 21:06	05/03/16 20:14	JNS
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG869042	1	05/02/16 22:01	05/02/16 22:01	DAH
Volatile Organic Compounds (GC/MS) by Method 8260B	WG870074	1	05/05/16 20:56	05/05/16 20:56	DAH
Wet Chemistry by Method 353.2	WG870052	10	05/11/16 15:16	05/11/16 15:16	ASK
Wet Chemistry by Method 9056A	WG869673	1	05/09/16 14:02	05/09/16 14:02	CM
Wet Chemistry by Method 9056A	WG869673	50	05/09/16 14:18	05/09/16 14:18	CM

MW-106 L832422-19 GW

Collected by: SU / HM1 Team
Collected date/time: 04/28/16 09:15
Received date/time: 04/29/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Gravimetric Analysis by Method 2540 C-2011	WG869765	1	05/04/16 15:20	05/04/16 15:50	MMF
Metals (ICPMS) by Method 6020	WG869123	5	05/05/16 13:16	05/07/16 03:02	JDG
Metals (ICPMS) by Method 6020	WG869264	5	05/03/16 12:21	05/06/16 17:58	ST
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG869249	5	05/02/16 21:06	05/04/16 13:59	JNS
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG869042	25	05/02/16 22:23	05/02/16 22:23	DAH
Volatile Organic Compounds (GC/MS) by Method 8260B	WG868978	25	05/03/16 20:36	05/03/16 20:36	BMB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG870046	500	05/06/16 14:00	05/06/16 14:00	JHH
Wet Chemistry by Method 353.2	WG870054	10	05/06/16 05:31	05/06/16 05:31	ASK
Wet Chemistry by Method 9056A	WG869673	1	05/10/16 00:39	05/10/16 00:39	CM
Wet Chemistry by Method 9056A	WG869673	50	05/09/16 14:34	05/09/16 14:34	CM

MW-101 L832422-20 GW

Collected by: SU / HM1 Team
Collected date/time: 04/28/16 08:25
Received date/time: 04/29/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Gravimetric Analysis by Method 2540 C-2011	WG869765	1	05/04/16 15:20	05/04/16 15:50	MMF
Metals (ICPMS) by Method 6020	WG869264	5	05/03/16 12:21	05/06/16 18:00	ST
Metals (ICPMS) by Method 6020	WG869664	1	05/03/16 18:32	05/04/16 18:58	JDG
Semi-Volatile Organic Compounds (GC) by Method 3511/8015	WG869249	1	05/02/16 21:06	05/03/16 20:47	JNS
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG869042	1	05/02/16 22:46	05/02/16 22:46	DAH
Volatile Organic Compounds (GC/MS) by Method 8260B	WG868978	1	05/03/16 11:07	05/03/16 11:07	BMB
Wet Chemistry by Method 353.2	WG870054	10	05/06/16 05:32	05/06/16 05:32	ASK
Wet Chemistry by Method 9056A	WG869673	1	05/10/16 00:55	05/10/16 00:55	CM
Wet Chemistry by Method 9056A	WG869673	50	05/10/16 01:11	05/10/16 01:11	CM
Wet Chemistry by Method 9056A	WG871228	10	05/10/16 21:35	05/10/16 21:35	SAM

RA-3156 L832422-21 GW

Collected by: SU / HM1 Team
Collected date/time: 04/28/16 12:00
Received date/time: 04/29/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Gravimetric Analysis by Method 2540 C-2011	WG869816	1	05/04/16 17:40	05/04/16 18:17	MMF
Metals (ICPMS) by Method 6020	WG869264	5	05/03/16 12:21	05/06/16 18:03	ST
Volatile Organic Compounds (GC/MS) by Method 8260B	WG868976	1	05/03/16 14:56	05/03/16 14:56	BMB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG870046	1	05/06/16 14:21	05/06/16 14:21	JHH
Wet Chemistry by Method 353.2	WG870054	10	05/06/16 05:34	05/06/16 05:34	ASK
Wet Chemistry by Method 9056A	WG869673	1	05/10/16 01:27	05/10/16 01:27	CM
Wet Chemistry by Method 9056A	WG869673	50	05/10/16 01:43	05/10/16 01:43	CM

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

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	21100		2.82	10.0	10.0	1	05/04/2016 16:22	WG869764

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	0.430	J	0.197	0.100	1.00	10	05/11/2016 13:21	WG870052

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Chloride	13700		26.0	1.00	500	500	05/03/2016 18:57	WG869281
Fluoride	5.44		0.00990	0.100	0.100	1	05/03/2016 19:57	WG869281
Sulfate	2.24	J	0.0774	5.00	5.00	1	05/03/2016 19:57	WG869281

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00594	J	0.00125	0.00200	0.0100	5	05/06/2016 16:25	WG869264
Arsenic,Dissolved	0.00489	J	0.00125	0.00200	0.0100	5	05/05/2016 21:25	WG869245
Barium	26.8		0.00180	0.00500	0.0250	5	05/06/2016 16:25	WG869264
Barium,Dissolved	21.4		0.00180	0.00500	0.0250	5	05/06/2016 13:32	WG869245
Calcium	193		0.230	1.00	5.00	5	05/06/2016 16:25	WG869264
Chromium	U		0.00270	0.00200	0.0100	5	05/06/2016 16:25	WG869264
Chromium,Dissolved	U		0.00270	0.00200	0.0100	5	05/05/2016 21:25	WG869245
Iron	U		0.0750	0.100	0.500	5	05/06/2016 16:25	WG869264
Iron,Dissolved	U		0.0750	0.100	0.500	5	05/05/2016 21:25	WG869245
Lead	0.00148	J	0.00120	0.00200	0.0100	5	05/06/2016 16:25	WG869264
Lead,Dissolved	U		0.00120	0.00200	0.0100	5	05/05/2016 21:25	WG869245
Manganese	0.0262		0.00125	0.00500	0.0250	5	05/06/2016 16:25	WG869264
Manganese,Dissolved	0.0227	J	0.00125	0.00500	0.0250	5	05/05/2016 21:25	WG869245
Potassium	3.73	J	0.185	1.00	5.00	5	05/06/2016 16:25	WG869264
Selenium	U		0.00190	0.00200	0.0100	5	05/06/2016 16:25	WG869264
Selenium,Dissolved	U		0.00190	0.00200	0.0100	5	05/05/2016 21:25	WG869245
Sodium	7960		2.20	1.00	20.0	20	05/09/2016 15:26	WG869264

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	3.55		0.0314	0.100	0.100	1	05/02/2016 13:56	WG869042
(S) a,a,a-Trifluorotoluene(FID)	*87.1*				*62.0-128*		*05/02/2016 13:56*	WG869042

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

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Acetone	U		0.0500	0.0500	0.250	5	05/03/2016 09:59	WG868978
Benzene	1.35		0.0166	0.00100	0.0500	50	05/06/2016 12:55	WG870046
Bromodichloromethane	U		0.00190	0.00100	0.00500	5	05/03/2016 09:59	WG868978
Bromoform	U		0.00234	0.00100	0.00500	5	05/03/2016 09:59	WG868978
Bromomethane	U		0.00433	0.00500	0.0250	5	05/03/2016 09:59	WG868978
n-Butylbenzene	0.00286	J	0.00180	0.00100	0.00500	5	05/03/2016 09:59	WG868978
sec-Butylbenzene	0.00340	J	0.00182	0.00100	0.00500	5	05/03/2016 09:59	WG868978
Carbon disulfide	0.00139	J	0.00138	0.00100	0.00500	5	05/03/2016 09:59	WG868978
Carbon tetrachloride	U		0.00190	0.00100	0.00500	5	05/03/2016 09:59	WG868978

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

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Chlorobenzene	U		0.00174	0.00100	0.00500	5	05/03/2016 09:59	WG868978
Chlorodibromomethane	U		0.00164	0.00100	0.00500	5	05/03/2016 09:59	WG868978
Chloroethane	U		0.00226	0.00500	0.0250	5	05/03/2016 09:59	WG868978
Chloroform	U		0.00162	0.00500	0.0250	5	05/03/2016 09:59	WG868978
Chloromethane	U		0.00138	0.00250	0.0125	5	05/03/2016 09:59	WG868978
1,2-Dibromoethane	U		0.00190	0.00100	0.00500	5	05/03/2016 09:59	WG868978
1,1-Dichloroethane	U		0.00130	0.00100	0.00500	5	05/03/2016 09:59	WG868978
1,2-Dichloroethane	U		0.00180	0.00100	0.00500	5	05/03/2016 09:59	WG868978
1,1-Dichloroethene	U		0.00199	0.00100	0.00500	5	05/03/2016 09:59	WG868978
cis-1,2-Dichloroethene	U		0.00130	0.00100	0.00500	5	05/03/2016 09:59	WG868978
trans-1,2-Dichloroethene	U		0.00198	0.00100	0.00500	5	05/03/2016 09:59	WG868978
1,2-Dichloropropane	U		0.00153	0.00100	0.00500	5	05/03/2016 09:59	WG868978
cis-1,3-Dichloropropene	U		0.00209	0.00100	0.00500	5	05/03/2016 09:59	WG868978
trans-1,3-Dichloropropene	U		0.00210	0.00100	0.00500	5	05/03/2016 09:59	WG868978
Ethylbenzene	0.0508		0.00192	0.00100	0.00500	5	05/03/2016 09:59	WG868978
Isopropylbenzene	0.0220		0.00163	0.00100	0.00500	5	05/03/2016 09:59	WG868978
p-Isopropyltoluene	U		0.00175	0.00100	0.00500	5	05/03/2016 09:59	WG868978
2-Butanone (MEK)	U		0.0196	0.0100	0.0500	5	05/03/2016 09:59	WG868978
2-Hexanone	U		0.0191	0.0100	0.0500	5	05/03/2016 09:59	WG868978
Methylene Chloride	U		0.00500	0.00500	0.0250	5	05/03/2016 09:59	WG868978
4-Methyl-2-pentanone (MIBK)	U		0.0107	0.0100	0.0500	5	05/03/2016 09:59	WG868978
Methyl tert-butyl ether	U		0.00184	0.00100	0.00500	5	05/03/2016 09:59	WG868978
Naphthalene	0.0108	J	0.00500	0.00500	0.0250	5	05/03/2016 09:59	WG868978
n-Propylbenzene	0.0311		0.00174	0.00100	0.00500	5	05/03/2016 09:59	WG868978
Styrene	U		0.00154	0.00100	0.00500	5	05/03/2016 09:59	WG868978
1,1,1,2-Tetrachloroethane	U		0.00192	0.00100	0.00500	5	05/03/2016 09:59	WG868978
1,1,2,2-Tetrachloroethane	U		0.000650	0.00100	0.00500	5	05/03/2016 09:59	WG868978
Tetrachloroethene	U		0.00186	0.00100	0.00500	5	05/03/2016 09:59	WG868978
Toluene	0.0153	J	0.00390	0.00500	0.0250	5	05/03/2016 09:59	WG868978
1,1,1-Trichloroethane	U		0.00160	0.00100	0.00500	5	05/03/2016 09:59	WG868978
1,1,2-Trichloroethane	U		0.00192	0.00100	0.00500	5	05/03/2016 09:59	WG868978
Trichloroethene	U		0.00199	0.00100	0.00500	5	05/03/2016 09:59	WG868978
1,2,4-Trimethylbenzene	U		0.00186	0.00100	0.00500	5	05/03/2016 09:59	WG868978
1,3,5-Trimethylbenzene	U		0.00194	0.00100	0.00500	5	05/03/2016 09:59	WG868978
Vinyl chloride	U		0.00130	0.00100	0.00500	5	05/03/2016 09:59	WG868978
o-Xylene	0.00422	J	0.00170	0.00100	0.00500	5	05/03/2016 09:59	WG868978
m&p-Xylene	U		0.00360	0.00100	0.00500	5	05/03/2016 09:59	WG868978
Xylenes, Total	U		0.00530	0.00300	0.0150	5	05/03/2016 09:59	WG868978
(S) Toluene-d8	*105*				*90.0-115*		*05/03/2016 09:59*	WG868978
(S) Toluene-d8	*102*				*90.0-115*		*05/06/2016 12:55*	WG870046
(S) Dibromofluoromethane	*113*				*79.0-121*		*05/06/2016 12:55*	WG870046
(S) Dibromofluoromethane	*101*				*79.0-121*		*05/03/2016 09:59*	WG868978
(S) 4-Bromofluorobenzene	*96.0*				*80.1-120*		*05/03/2016 09:59*	WG868978
(S) 4-Bromofluorobenzene	*85.2*				*80.1-120*		*05/06/2016 12:55*	WG870046

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	7.35		0.0247	0.100	0.100	1	05/03/2016 15:03	WG869249
(S) o-Terphenyl	*90.6*				*50.0-150*		*05/03/2016 15:03*	WG869249

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Dissolved Solids	819		2.82	10.0	10.0	1	05/04/2016 16:22	WG869764

Wet Chemistry by Method 353.2

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Nitrate-Nitrite	0.455	B J	0.197	0.100	1.00	10	05/11/2016 13:23	WG870052

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Chloride	25.9		0.0519	1.00	1.00	1	05/03/2016 14:27	WG869281
Fluoride	2.49		0.00990	0.100	0.100	1	05/03/2016 14:27	WG869281
Sulfate	408		3.87	5.00	250	50	05/03/2016 18:42	WG869281

Metals (ICPMS) by Method 6020

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Arsenic	0.00165	J	0.00125	0.00200	0.0100	5	05/06/2016 16:12	WG869264
Arsenic,Dissolved	0.00181	J	0.000250	0.00200	0.00200	1	05/04/2016 13:21	WG869664
Barium	0.0343	O1	0.00180	0.00500	0.0250	5	05/06/2016 16:12	WG869264
Barium,Dissolved	0.0242		0.000360	0.00500	0.00500	1	05/04/2016 13:21	WG869664
Calcium	179	V	0.230	1.00	5.00	5	05/06/2016 16:12	WG869264
Chromium	U		0.00270	0.00200	0.0100	5	05/06/2016 16:12	WG869264
Chromium,Dissolved	0.000747	J	0.000540	0.00200	0.00200	1	05/04/2016 13:21	WG869664
Iron	U		0.0750	0.100	0.500	5	05/06/2016 16:12	WG869264
Iron,Dissolved	U		0.0150	0.100	0.100	1	05/04/2016 13:21	WG869664
Lead	U		0.00120	0.00200	0.0100	5	05/06/2016 16:12	WG869264
Lead,Dissolved	0.00482		0.000240	0.00200	0.00200	1	05/04/2016 13:21	WG869664
Manganese	0.0113	J	0.00125	0.00500	0.0250	5	05/06/2016 16:12	WG869264
Manganese,Dissolved	0.00779		0.000250	0.00500	0.00500	1	05/04/2016 13:21	WG869664
Potassium	4.96	J J5 O1	0.185	1.00	5.00	5	05/06/2016 16:12	WG869264
Selenium	U	J3 J6	0.00190	0.00200	0.0100	5	05/06/2016 16:12	WG869264
Selenium,Dissolved	0.156	O1	0.000380	0.00200	0.00200	1	05/04/2016 13:21	WG869664
Sodium	43.6	V	0.550	1.00	5.00	5	05/06/2016 16:12	WG869264

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
TPH (GC/FID) Low Fraction	0.797		0.0314	0.100	0.100	1	05/02/2016 14:19	WG869042
(S) a,a,a-Trifluorotoluene(FID)	*89.8*				*62.0-128*		*05/02/2016 14:19*	WG869042

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

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	J3	0.0100	0.0500	0.0500	1	05/05/2016 19:30	WG870074
Benzene	0.0707		0.000331	0.00100	0.00100	1	05/05/2016 19:30	WG870074
Bromodichloromethane	U		0.000380	0.00100	0.00100	1	05/05/2016 19:30	WG870074
Bromoform	U		0.000469	0.00100	0.00100	1	05/05/2016 19:30	WG870074
Bromomethane	U		0.000866	0.00500	0.00500	1	05/05/2016 19:30	WG870074
n-Butylbenzene	0.000558	J	0.000361	0.00100	0.00100	1	05/05/2016 19:30	WG870074
sec-Butylbenzene	0.0344		0.000365	0.00100	0.00100	1	05/05/2016 19:30	WG870074
Carbon disulfide	0.00110		0.000275	0.00100	0.00100	1	05/05/2016 19:30	WG870074
Carbon tetrachloride	U		0.000379	0.00100	0.00100	1	05/05/2016 19:30	WG870074

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

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Chlorobenzene	U		0.000348	0.00100	0.00100	1	05/05/2016 19:30	WG870074
Chlorodibromomethane	U		0.000327	0.00100	0.00100	1	05/05/2016 19:30	WG870074
Chloroethane	U		0.000453	0.00500	0.00500	1	05/05/2016 19:30	WG870074
Chloroform	U		0.000324	0.00500	0.00500	1	05/05/2016 19:30	WG870074
Chloromethane	U		0.000276	0.00250	0.00250	1	05/05/2016 19:30	WG870074
1,2-Dibromoethane	U		0.000381	0.00100	0.00100	1	05/05/2016 19:30	WG870074
1,1-Dichloroethane	U		0.000259	0.00100	0.00100	1	05/05/2016 19:30	WG870074
1,2-Dichloroethane	U		0.000361	0.00100	0.00100	1	05/05/2016 19:30	WG870074
1,1-Dichloroethene	U		0.000398	0.00100	0.00100	1	05/05/2016 19:30	WG870074
cis-1,2-Dichloroethene	U		0.000260	0.00100	0.00100	1	05/05/2016 19:30	WG870074
trans-1,2-Dichloroethene	U		0.000396	0.00100	0.00100	1	05/05/2016 19:30	WG870074
1,2-Dichloropropane	U		0.000306	0.00100	0.00100	1	05/05/2016 19:30	WG870074
cis-1,3-Dichloropropene	U		0.000418	0.00100	0.00100	1	05/05/2016 19:30	WG870074
trans-1,3-Dichloropropene	U		0.000419	0.00100	0.00100	1	05/05/2016 19:30	WG870074
Ethylbenzene	0.00108		0.000384	0.00100	0.00100	1	05/05/2016 19:30	WG870074
Isopropylbenzene	0.0535	J6	0.000326	0.00100	0.00100	1	05/05/2016 19:30	WG870074
p-Isopropyltoluene	U		0.000350	0.00100	0.00100	1	05/05/2016 19:30	WG870074
2-Butanone (MEK)	U		0.00393	0.0100	0.0100	1	05/05/2016 19:30	WG870074
2-Hexanone	U		0.00382	0.0100	0.0100	1	05/05/2016 19:30	WG870074
Methylene Chloride	U		0.00100	0.00500	0.00500	1	05/05/2016 19:30	WG870074
4-Methyl-2-pentanone (MIBK)	U		0.00214	0.0100	0.0100	1	05/05/2016 19:30	WG870074
Methyl tert-butyl ether	0.00130		0.000367	0.00100	0.00100	1	05/05/2016 19:30	WG870074
Naphthalene	U		0.00100	0.00500	0.00500	1	05/05/2016 19:30	WG870074
n-Propylbenzene	0.00447		0.000349	0.00100	0.00100	1	05/05/2016 19:30	WG870074
Styrene	U		0.000307	0.00100	0.00100	1	05/05/2016 19:30	WG870074
1,1,1,2-Tetrachloroethane	U		0.000385	0.00100	0.00100	1	05/05/2016 19:30	WG870074
1,1,2,2-Tetrachloroethane	U		0.000130	0.00100	0.00100	1	05/05/2016 19:30	WG870074
Tetrachloroethene	U		0.000372	0.00100	0.00100	1	05/05/2016 19:30	WG870074
Toluene	U		0.000780	0.00500	0.00500	1	05/05/2016 19:30	WG870074
1,1,1-Trichloroethane	U		0.000319	0.00100	0.00100	1	05/05/2016 19:30	WG870074
1,1,2-Trichloroethane	U		0.000383	0.00100	0.00100	1	05/05/2016 19:30	WG870074
Trichloroethene	U		0.000398	0.00100	0.00100	1	05/05/2016 19:30	WG870074
1,2,4-Trimethylbenzene	U		0.000373	0.00100	0.00100	1	05/05/2016 19:30	WG870074
1,3,5-Trimethylbenzene	U		0.000387	0.00100	0.00100	1	05/05/2016 19:30	WG870074
Vinyl chloride	U		0.000259	0.00100	0.00100	1	05/05/2016 19:30	WG870074
o-Xylene	U		0.000341	0.00100	0.00100	1	05/05/2016 19:30	WG870074
m&p-Xylene	U		0.000719	0.00100	0.00100	1	05/05/2016 19:30	WG870074
Xylenes, Total	U		0.00106	0.00300	0.00300	1	05/05/2016 19:30	WG870074
(S) Toluene-d8	*106*				*90.0-115*		*05/05/2016 19:30*	WG870074
(S) Dibromofluoromethane	*102*				*79.0-121*		*05/05/2016 19:30*	WG870074
(S) 4-Bromofluorobenzene	*92.1*				*80.1-120*		*05/05/2016 19:30*	WG870074

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
TPH (GC/FID) High Fraction	2.23		0.0247	0.100	0.100	1	05/03/2016 15:20	WG869249
(S) o-Terphenyl	*117*				*50.0-150*		*05/03/2016 15:20*	WG869249

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Dissolved Solids	U		2.82	10.0	10.0	1	05/04/2016 16:22	WG869764

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Nitrate-Nitrite	0.401	B J	0.197	0.100	1.00	10	05/11/2016 13:24	WG870052

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Chloride	U		0.0519	1.00	1.00	1	05/10/2016 17:09	WG870882
Fluoride	U		0.00990	0.100	0.100	1	05/10/2016 17:09	WG870882
Sulfate	U		0.0774	5.00	5.00	1	05/10/2016 17:09	WG870882

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Arsenic	U		0.000250	0.00200	0.00200	1	05/06/2016 19:44	WG869264
Arsenic,Dissolved	U		0.000250	0.00200	0.00200	1	05/04/2016 18:11	WG869664
Barium	U		0.000360	0.00500	0.00500	1	05/06/2016 19:44	WG869264
Barium,Dissolved	0.000794	J	0.000360	0.00500	0.00500	1	05/04/2016 18:11	WG869664
Calcium	U		0.0460	1.00	1.00	1	05/06/2016 19:44	WG869264
Chromium	U		0.000540	0.00200	0.00200	1	05/06/2016 19:44	WG869264
Chromium,Dissolved	U		0.000540	0.00200	0.00200	1	05/04/2016 18:11	WG869664
Iron	U		0.0150	0.100	0.100	1	05/06/2016 19:44	WG869264
Iron,Dissolved	U		0.0150	0.100	0.100	1	05/04/2016 18:11	WG869664
Lead	U		0.000240	0.00200	0.00200	1	05/06/2016 19:44	WG869264
Lead,Dissolved	0.000428	J	0.000240	0.00200	0.00200	1	05/04/2016 18:11	WG869664
Manganese	0.000612	J	0.000250	0.00500	0.00500	1	05/06/2016 19:44	WG869264
Manganese,Dissolved	0.000724	J	0.000250	0.00500	0.00500	1	05/04/2016 18:11	WG869664
Potassium	U		0.0370	1.00	1.00	1	05/06/2016 19:44	WG869264
Selenium	U		0.000380	0.00200	0.00200	1	05/06/2016 19:44	WG869264
Selenium,Dissolved	U		0.000380	0.00200	0.00200	1	05/04/2016 18:11	WG869664
Sodium	0.152	J	0.110	1.00	1.00	1	05/06/2016 19:44	WG869264

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
TPH (GC/FID) Low Fraction	U		0.0314	0.100	0.100	1	05/02/2016 14:42	WG869042
(S) a,a,a-Trifluorotoluene(FID)	*101*				*62.0-128*		*05/02/2016 14:42*	WG869042

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

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Acetone	U		0.0100	0.0500	0.0500	1	05/03/2016 10:44	WG868978
Benzene	U		0.000331	0.00100	0.00100	1	05/03/2016 10:44	WG868978
Bromodichloromethane	U		0.000380	0.00100	0.00100	1	05/03/2016 10:44	WG868978
Bromoform	U		0.000469	0.00100	0.00100	1	05/03/2016 10:44	WG868978
Bromomethane	U		0.000866	0.00500	0.00500	1	05/03/2016 10:44	WG868978
n-Butylbenzene	U		0.000361	0.00100	0.00100	1	05/03/2016 10:44	WG868978
sec-Butylbenzene	U		0.000365	0.00100	0.00100	1	05/03/2016 10:44	WG868978
Carbon disulfide	U		0.000275	0.00100	0.00100	1	05/03/2016 10:44	WG868978
Carbon tetrachloride	U		0.000379	0.00100	0.00100	1	05/03/2016 10:44	WG868978

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

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Chlorobenzene	U		0.000348	0.00100	0.00100	1	05/03/2016 10:44	WG868978
Chlorodibromomethane	U		0.000327	0.00100	0.00100	1	05/03/2016 10:44	WG868978
Chloroethane	U		0.000453	0.00500	0.00500	1	05/03/2016 10:44	WG868978
Chloroform	0.000816	J	0.000324	0.00500	0.00500	1	05/03/2016 10:44	WG868978
Chloromethane	U		0.000276	0.00250	0.00250	1	05/03/2016 10:44	WG868978
1,2-Dibromoethane	U		0.000381	0.00100	0.00100	1	05/03/2016 10:44	WG868978
1,1-Dichloroethane	U		0.000259	0.00100	0.00100	1	05/03/2016 10:44	WG868978
1,2-Dichloroethane	U		0.000361	0.00100	0.00100	1	05/03/2016 10:44	WG868978
1,1-Dichloroethene	U		0.000398	0.00100	0.00100	1	05/03/2016 10:44	WG868978
cis-1,2-Dichloroethene	U		0.000260	0.00100	0.00100	1	05/03/2016 10:44	WG868978
trans-1,2-Dichloroethene	U		0.000396	0.00100	0.00100	1	05/03/2016 10:44	WG868978
1,2-Dichloropropane	U		0.000306	0.00100	0.00100	1	05/03/2016 10:44	WG868978
cis-1,3-Dichloropropene	U		0.000418	0.00100	0.00100	1	05/03/2016 10:44	WG868978
trans-1,3-Dichloropropene	U		0.000419	0.00100	0.00100	1	05/03/2016 10:44	WG868978
Ethylbenzene	U		0.000384	0.00100	0.00100	1	05/03/2016 10:44	WG868978
Isopropylbenzene	U		0.000326	0.00100	0.00100	1	05/03/2016 10:44	WG868978
p-Isopropyltoluene	U		0.000350	0.00100	0.00100	1	05/03/2016 10:44	WG868978
2-Butanone (MEK)	U		0.00393	0.0100	0.0100	1	05/03/2016 10:44	WG868978
2-Hexanone	U		0.00382	0.0100	0.0100	1	05/03/2016 10:44	WG868978
Methylene Chloride	U		0.00100	0.00500	0.00500	1	05/03/2016 10:44	WG868978
4-Methyl-2-pentanone (MIBK)	U		0.00214	0.0100	0.0100	1	05/03/2016 10:44	WG868978
Methyl tert-butyl ether	U		0.000367	0.00100	0.00100	1	05/03/2016 10:44	WG868978
Naphthalene	U		0.00100	0.00500	0.00500	1	05/03/2016 10:44	WG868978
n-Propylbenzene	U		0.000349	0.00100	0.00100	1	05/03/2016 10:44	WG868978
Styrene	U		0.000307	0.00100	0.00100	1	05/03/2016 10:44	WG868978
1,1,1,2-Tetrachloroethane	U		0.000385	0.00100	0.00100	1	05/03/2016 10:44	WG868978
1,1,2,2-Tetrachloroethane	U		0.000130	0.00100	0.00100	1	05/03/2016 10:44	WG868978
Tetrachloroethene	U		0.000372	0.00100	0.00100	1	05/03/2016 10:44	WG868978
Toluene	U		0.000780	0.00500	0.00500	1	05/03/2016 10:44	WG868978
1,1,1-Trichloroethane	U		0.000319	0.00100	0.00100	1	05/03/2016 10:44	WG868978
1,1,2-Trichloroethane	U		0.000383	0.00100	0.00100	1	05/03/2016 10:44	WG868978
Trichloroethene	U		0.000398	0.00100	0.00100	1	05/03/2016 10:44	WG868978
1,2,4-Trimethylbenzene	U		0.000373	0.00100	0.00100	1	05/03/2016 10:44	WG868978
1,3,5-Trimethylbenzene	U		0.000387	0.00100	0.00100	1	05/03/2016 10:44	WG868978
Vinyl chloride	U		0.000259	0.00100	0.00100	1	05/03/2016 10:44	WG868978
o-Xylene	U		0.000341	0.00100	0.00100	1	05/03/2016 10:44	WG868978
m&p-Xylene	U		0.000719	0.00100	0.00100	1	05/03/2016 10:44	WG868978
Xylenes, Total	U		0.00106	0.00300	0.00300	1	05/03/2016 10:44	WG868978
(S) Toluene-d8	*105*				*90.0-115*		*05/03/2016 10:44*	WG868978
(S) Dibromofluoromethane	*106*				*79.0-121*		*05/03/2016 10:44*	WG868978
(S) 4-Bromofluorobenzene	*99.6*				*80.1-120*		*05/03/2016 10:44*	WG868978

Semi-Volatile Organic Compounds (GC) by Method 3511/8015

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
TPH (GC/FID) High Fraction	U		0.0247	0.100	0.100	1	05/03/2016 15:36	WG869249
(S) o-Terphenyl	*105*				*50.0-150*		*05/03/2016 15:36*	WG869249

Gravimetric Analysis by Method 2540 C-2011

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Dissolved Solids	809		2.82	10.0	10.0	1	05/04/2016 16:22	WG869764

Wet Chemistry by Method 353.2

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Nitrate-Nitrite	0.286	B J	0.197	0.100	1.00	10	05/11/2016 13:25	WG870052

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Chloride	25.6		0.0519	1.00	1.00	1	05/03/2016 17:43	WG869281
Fluoride	2.51		0.00990	0.100	0.100	1	05/03/2016 17:43	WG869281
Sulfate	439		3.87	5.00	250	50	05/03/2016 18:27	WG869281

Metals (ICPMS) by Method 6020

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Arsenic	0.00195	J	0.00125	0.00200	0.0100	5	05/06/2016 16:30	WG869264
Arsenic,Dissolved	0.00158	J	0.000250	0.00200	0.00200	1	05/04/2016 18:13	WG869664
Barium	0.0319		0.00180	0.00500	0.0250	5	05/06/2016 16:30	WG869264
Barium,Dissolved	0.0241		0.000360	0.00500	0.00500	1	05/04/2016 18:13	WG869664
Calcium	178		0.230	1.00	5.00	5	05/06/2016 16:30	WG869264
Chromium	U		0.00270	0.00200	0.0100	5	05/06/2016 16:30	WG869264
Chromium,Dissolved	0.000672	J	0.000540	0.00200	0.00200	1	05/04/2016 18:13	WG869664
Iron	U		0.0750	0.100	0.500	5	05/06/2016 16:30	WG869264
Iron,Dissolved	U		0.0150	0.100	0.100	1	05/04/2016 18:13	WG869664
Lead	U		0.00120	0.00200	0.0100	5	05/06/2016 16:30	WG869264
Lead,Dissolved	U		0.000240	0.00200	0.00200	1	05/04/2016 18:13	WG869664
Manganese	0.00995	J	0.00125	0.00500	0.0250	5	05/06/2016 16:30	WG869264
Manganese,Dissolved	0.00789		0.000250	0.00500	0.00500	1	05/04/2016 18:13	WG869664
Potassium	5.16		0.185	1.00	5.00	5	05/06/2016 16:30	WG869264
Selenium	U		0.00190	0.00200	0.0100	5	05/06/2016 16:30	WG869264
Selenium,Dissolved	0.00352	B	0.000380	0.00200	0.00200	1	05/04/2016 18:13	WG869664
Sodium	44.7		0.550	1.00	5.00	5	05/06/2016 16:30	WG869264

Volatile Organic Compounds (GC) by Method 8015D/GRO

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
TPH (GC/FID) Low Fraction	0.775		0.0314	0.100	0.100	1	05/02/2016 15:05	WG869042
(S) a,a,a-Trifluorotoluene(FID)	*90.1*				*62.0-128*		*05/02/2016 15:05*	WG869042

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

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Acetone	U		0.0100	0.0500	0.0500	1	05/05/2016 19:47	WG870074
Benzene	0.0685		0.000331	0.00100	0.00100	1	05/05/2016 19:47	WG870074
Bromodichloromethane	U		0.000380	0.00100	0.00100	1	05/05/2016 19:47	WG870074
Bromoform	U		0.000469	0.00100	0.00100	1	05/05/2016 19:47	WG870074
Bromomethane	U		0.000866	0.00500	0.00500	1	05/05/2016 19:47	WG870074
n-Butylbenzene	0.000602	J	0.000361	0.00100	0.00100	1	05/05/2016 19:47	WG870074
sec-Butylbenzene	0.0380		0.000365	0.00100	0.00100	1	05/05/2016 19:47	WG870074
Carbon disulfide	0.00109		0.000275	0.00100	0.00100	1	05/05/2016 19:47	WG870074
Carbon tetrachloride	U		0.000379	0.00100	0.00100	1	05/05/2016 19:47	WG870074