

2015 Water Analysis



The following are water analysis of the Upper Leon River MWD for the year indicated, as required by the Texas Commission on Environmental Quality (TCEQ) and the Federal EPA

Analysis Type	Collection Date	Analysis Date
Cyanide	02/19/15	02/23/15
Trihalomethanes (THM)	02/19/15	03/04/15
Haloacetic Acids (HAA5)	02/19/15	03/03/15
Minerals	02/19/15	03/10/15 (reported)
Metals	02/19/15	03/19/15 (reported)
SOC ₅	02/19/15	03/10/15
Pesticides	02/19/15	03/09/15
Trihalomethanes (THM)	04/08/15	04/14/15
Haloacetic Acids (HAA5)	04/08/15	04/17/15
Trihalomethanes (THM)	08/05/15	08/10/15
Haloacetic Acids (HAA5)	08/05/15	05/12/15
VOCs	08/05/15	08/10/15
Trihalomethanes (THM)	10/06/15	10/08/15
Haloacetic Acids (HAA5)	10/06/15	10/10/15



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*SINGLE MINERAL Analysis Report

Submitter Identification Number: 0470015

UPPER LEON RIVER MWD
2250 HIGHWAY 2861
COMANCHE, TX 76442-5619

Date Reported : 02/26/2015
Report ID# : 20150226081709AC81318

Lab Sample ID# : AC81318
Sample Priority : NORMAL
TCEQ ID#(s) : 1535234

Water Source :
Entry Point(s) : EP001

Date Collected : 02/19/2015 11:32
Date Received : 02/20/2015

Sample Cond. : Acceptable

Analyte	Result	Unit	Method	Date/Time Analyzed	Analyst
Total Cyanide ¹	0.13	mg/L	10-204-00-1-X	02/23/2015 11:30	MD

Comments:

The test results on this report relate only to the sample identified on this report. The test results for analytes noted(¹) meet all TNI (2009 Standard) requirements.

Authorized by Team Lead LMCELHANEY on 02/24/2015



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Trihalomethanes by GC Analysis Report

Submitter Identification Number: 0470015

UPPER LEON RIVER MWD
2250 HIGHWAY 2861
COMANCHE, TX 76442-5619

Date Reported : 03/10/2015

Report ID#: 20150310150117AC81321

Lab Sample ID# : AC81321
Sample Priority : NORMAL
TCEQ ID#(s) : 1539410

Water Source :
Entry Point(s) : DBP2-02

Date Collected : 02/19/2015 11:57
Date Received : 02/20/2015
Date Analyzed : 03/04/2015
Extraction Date : 02/25/2015

Conc. Units : µg/L
Method : EPA 551.1
Analyst : LZ
Sample Cond. : Acceptable

Trihalomethanes	Result	Qualifier
Chloroform	1.8	
Bromodichloromethane	8.9	
Dibromochloromethane	23.2	
Bromoform	34.9	
Total Trihalomethanes ¹	68.8	

Comments:

The test results on this report relate only to the sample identified on this report. The test results for analytes noted(¹) meet all TNI (2009 Standard) requirements.

Authorized by Team Lead HHAJIPOUR on 03/06/2015



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Haloacetic Acids Analysis Report

Submitter Identification Number: 0470015

UPPER LEON RIVER MWD
2250 HIGHWAY 2861
COMANCHE, TX 76442-5619

Date Reported : 03/10/2015

Report ID# : 20150310150117AC81323

Lab Sample ID# : AC81323
Sample Priority : NORMAL
TCEQ ID#(s) : 1538093

Water Source :
Entry Point(s) : DBP2-01

Date Collected : 02/19/2015 11:02
Date Received : 02/20/2015
Date Analyzed : 03/03/2015
Extraction Date : 02/25/2015

Conc. Units : µg/L
Method : 552.2 Rev 1.0
Analyst : CL
Sample Cond. : Acceptable

<u>Regulated Compounds</u>	<u>Result</u>	<u>Qualifier</u>
Monochloroacetic acid	<2.0	
Dichloroacetic acid	5.7	
Trichloroacetic acid	<1.0	
Monobromoacetic acid	<1.0	
Dibromoacetic acid	15.3	
Total HAA5 ¹	21.0	
<u>Monitored Compounds</u>	<u>Result</u>	<u>Qualifier</u>
Bromochloroacetic acid	10.6	
Dalapon	<1.0	

Comments:

The test results on this report relate only to the sample identified on this report. The test results for analytes noted⁽¹⁾ meet all TNI (2009 Standard) requirements.

Authorized by Chemist III BFLAMMANG on 03/06/2015



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*ALL MINERALS Analysis Report

Submitter Identification Number: 0470015

UPPER LEON RIVER MWD
2250 HIGHWAY 2861
COMANCHE, TX 76442-5619

Date Reported : 03/10/2015
Report ID#: 20150310150117AC81317

Lab Sample ID# : AC81317
Sample Priority : NORMAL
TCEQ ID#(s) : 1526710

Water Source :
Entry Point(s) : EP001

Date Collected : 02/19/2015 11:32
Date Received : 02/20/2015

Sample Cond. : Acceptable

Analyte	Result	Unit	Method	Date/Time Analyzed	Analyst
Field pH Result	7.5	pH			
Diluted Conductance ¹	853	µmho/cm	SM 2510 B	02/20/2015 11:10	LH
Phenolphthalein Alkalinity as CaCO ₃	<2	mg/L	SM 2320B	02/20/2015 17:03	BF
Total Alkalinity as CaCO ₃	95	mg/L	SM 2320B	02/20/2015 17:03	BF
Bicarbonate	116	mg/L	SM 2320B	02/20/2015 17:03	BF
Carbonate	<2	mg/L	SM 2320B	02/20/2015 17:03	BF
Fluoride ¹	0.20	mg/L	EPA 300.0	02/24/2015 16:13	BF
Chloride ¹	134	mg/L	EPA 300.0	03/04/2015 16:09	BF
Sulfate ¹	90	mg/L	EPA 300.0	02/25/2015 11:06	BF
Total Dissolved Solids ¹	441	mg/L	SM 2540C	02/20/2015 14:20	LH
Nitrate as N ¹	0.08	mg/L	EPA 353.2	02/20/2015 15:04	BI

Comments:

The test results on this report relate only to the sample identified on this report. The test results for analytes noted(*) meet all TNI (2009 Standard) requirements.

Authorized by Team Lead LARCHER on 03/06/2015



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*ALL METALS Analysis Report

Submitter Identification Number: 0470015

UPPER LEON RIVER MWD
2250 HIGHWAY 2861
COMANCHE, TX 76442-5619

Date Reported : 03/19/2015
Report ID#: 20150319103758AC81319

Lab Sample ID# : AC81319
Sample Priority : NORMAL
TCEQ ID#(s) : 1524086

Water Source :
Entry Point(s) : EP001

Date Collected : 02/19/2015 11:32
Date Received : 02/20/2015

Sample Cond. : Acceptable

Analyte	Result	Unit	Method	Date/Time Analyzed	Analyst
Acidification	Completed		EPA 200.2	02/20/2015	IU
pH Check	Completed		EPA 200.2	02/23/2015	JK
Turbidity Screen	Completed		SM 2130B	02/23/2015	JK
Visible Particles	Completed			02/23/2015	JK
Total Hardness as CaCO3 by Calculation	199	mg/L	SM 2340B	03/11/2015	JK
Aluminum ¹	0.0943	mg/L	EPA 200.8	02/24/2015	IU
Antimony ¹	< 0.0010	mg/L	EPA 200.8	02/24/2015	IU
Arsenic ¹	0.0025	mg/L	EPA 200.8	02/24/2015	IU
Barium ¹	0.0967	mg/L	EPA 200.8	02/24/2015	IU
Beryllium ¹	< 0.00080	mg/L	EPA 200.8	02/24/2015	IU
Cadmium ¹	< 0.0010	mg/L	EPA 200.8	02/24/2015	IU
Calcium	45.9	mg/L	EPA 200.7	03/11/2015	JK
Chromium ¹	< 0.0100	mg/L	EPA 200.8	02/24/2015	IU
Copper ¹	< 0.0020	mg/L	EPA 200.8	02/24/2015	IU
Iron ¹	< 0.010	mg/L	EPA 200.7	03/11/2015	JK
Lead ¹	< 0.0010	mg/L	EPA 200.8	02/24/2015	IU
Magnesium ¹	20.5	mg/L	EPA 200.7	03/11/2015	JK
Manganese ¹	0.0181	mg/L	EPA 200.8	02/24/2015	IU
Mercury ¹	< 0.00040	mg/L	EPA 245.1	03/03/2015	JK
Nickel ¹	0.0017	mg/L	EPA 200.8	02/24/2015	IU
Potassium ¹	12.5	mg/L	EPA 200.7	03/11/2015	JK
Selenium ¹	0.0044	mg/L	EPA 200.8	02/24/2015	IU
Silver ¹	< 0.0100	mg/L	EPA 200.8	02/24/2015	IU
Sodium ¹	71.8	mg/L	EPA 200.7	03/11/2015	JK
Thallium ¹	< 0.00040	mg/L	EPA 200.8	02/24/2015	IU
Zinc ¹	< 0.0050	mg/L	EPA 200.8	02/24/2015	IU

Comments:

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Authorized by Team Lead EBOYER on 03/17/2015

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**Semivolatiles Organic
Analysis Report**

Submitter Identification Number: 0470015

UPPER LEON RIVER MWD
2250 HIGHWAY 2861
COMANCHE, TX 76442-5619

Date Reported : 03/31/2015

Report ID# : 20150331115629AC81324

Lab Sample ID# : AC81324
Sample Priority : NORMAL
TCEQ ID#(s) : 1509094

Water Source :
Entry Point(s) : EP001

Date Collected : 02/19/2015 11:32
Date Received : 02/20/2015
Date Analyzed : 03/10/2015
Extraction Date : 03/03/2015

Conc. Units : µg/L
Method : EPA 525.2
Analyst : JO
Sample Cond. : Acceptable

Regulated Compounds	Result	Qualifier	Monitored Compounds continued	Result	Qualifier
Alachlor ¹	<0.2		Dimethylphthalate	<2.0	
Atrazine ¹	<0.1		Fluorene	<0.20	
Benzo[a]pyrene ¹	<0.02		2,2',3,3',4,4',6-Heptachlorobiphenyl	<0.50	
alpha-Chlordane	<0.2		2,2',4,4',5,6'-Hexachlorobiphenyl	<0.20	
gamma-Chlordane	<0.2		Indeno[1,2,3-cd]pyrene	<0.20	
trans-Nonachlor	<0.2		Metolachlor	<0.20	
Di(2-ethylhexyl) adipate ¹	<0.6		Metribuzin	<0.20	
Di(2-ethylhexyl) phthalate ¹	<0.6		Naphthalene	<0.20	
Heptachlor ¹	<0.04		2,2',3,3',4,5',6,6'-Octachlorobiphenyl	<0.50	
Hexachlorobenzene ¹	<0.1		2,2',3',4,6-Pentachlorobiphenyl	<0.20	
Hexachlorocyclopentadiene ¹	<0.1	*,Y	Phenanthrene	<0.20	
Lindane ¹	<0.02		Prometon	<0.20	*
Methoxychlor ¹	<0.1	K	Propachlor	<0.20	
Pentachlorophenol ¹	<0.04		Pyrene	<0.20	
Simazine ¹	<0.07		2,2',4,4'-Tetrachlorobiphenyl	<0.20	
			2,4,5-Trichlorobiphenyl	<0.20	
Monitored Compounds	Result	Qualifier			
Acenaphthene	<0.20		Trifluralin	<0.20	
Acenaphthylene	<0.20				
Aldrin	<0.20		Tentatively Identified Compounds	Result	Qualifier
Anthracene	<0.20		Hexadecanoic acid	3.9	
Benzo(a)anthracene	<0.20		Octadecanoic acid	3.1	
Benzo[b]fluoranthene	<0.20		Tentative identification of the largest non-target peaks is provided by comparison with the EPA/NIH mass spectral library. Approximate quantitation is performed using internal standards and an assumed response factor of one.		
Benzo[g,h,i]perylene	<0.20		Comments:		
Benzo[k]fluoranthene	<0.20		* - This analyte has known instability and/or method performance issues and quantitation should be considered approximate.		
Bromacil	<0.20		Y - CCV recovery was above method acceptance limits. This target analyte was not detected in the sample.		
Butachlor	<0.20		K - The associated laboratory fortified blank spike (and/or its duplicate) recovery was above method acceptance limits.		
Butylbenzylphthalate	<2.0	K	The test results on this report relate only to the sample identified on this report. The test results for analytes noted(1) meet all TNI (2009 Standard) requirements.		
2-Chlorobiphenyl	<0.20				
Chrysene	<0.20				
Dibenz[a,h]anthracene	<0.20				
Di-n-butylphthalate	<2.0				
2,3-Dichlorobiphenyl	<0.20				
Dieldrin	<0.20				
Diethylphthalate	<2.0				

Authorized by Chemist III XJI on 03/30/2015



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Pesticides by Method 508.1 Analysis Report

Submitter Identification Number: 0470015

UPPER LEON RIVER MWD
2250 HIGHWAY 2861
COMANCHE, TX 76442-5619

Date Reported : 03/31/2015
Report ID# : 20150331115629AC81324

Lab Sample ID# : AC81324
Sample Priority : NORMAL
TCEQ ID#(s) : 1509094

Water Source :
Entry Point(s) : EP001

Date Collected : 02/19/2015 11:32
Date Received : 02/20/2015
Date Analyzed : 03/09/2015

Conc. Units : ug/L
Method : 508.1 Rev. 2.0
Analyst : KL
Sample Cond. : Acceptable

<u>Regulated Compounds</u>	<u>Result</u>	<u>Qualifier</u>
Chlordane ¹	<0.20	
Endrin ¹	<0.01	
Heptachlor epoxide ¹	<0.02	
Toxaphene ¹	<1.0	

Comments:

The test results on this report relate only to the sample identified on this report. The test results for analytes noted(¹) meet all TNI (2009 Standard) requirements.

Authorized by Chemist III XJl on 03/30/2015



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Trihalomethanes by GC/MS Analysis Report

Submitter Identification Number: 0470015

UPPER LEON RIVER MWD
2250 HIGHWAY 2861
COMANCHE, TX 76442-5619

Date Reported : 04/21/2015

Report ID# : 20150421090138AC87696

Lab Sample ID# : AC87696
Sample Priority : NORMAL
TCEQ ID#(s) : 1539692

Water Source :
Entry Point(s) : DBP2-02

Date Collected : 04/08/2015 13:29
Date Received : 04/09/2015
Date Analyzed : 04/14/2015

Conc. Units : $\mu\text{g/L}$
Method : EPA 524.2
Analyst : LZ
Sample Cond. : Acceptable

Trihalomethanes	Result	Qualifier
Chloroform	2.0	
Bromodichloromethane	7.9	
Dibromochloromethane	15.8	
Bromoform	21.9	
Total Trihalomethanes ¹	47.6	

Comments:

The test results on this report relate only to the sample identified on this report. The test results for analytes noted(¹) meet all TNI (2009 Standard) requirements.

Authorized by Team Lead HHAJIPOUR on 04/20/2015



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Haloacetic Acids Analysis Report

Submitter Identification Number: 0470015

UPPER LEON RIVER MWD
2250 HIGHWAY 2861
COMANCHE, TX 76442-5619

Date Reported : 05/05/2015

Report ID# : 20150505091631AC87700

Lab Sample ID# : AC87700
Sample Priority : NORMAL
TCEQ ID#(s) : 1538396

Water Source :
Entry Point(s) : DBP2-01

Date Collected : 04/08/2015 12:46
Date Received : 04/09/2015
Date Analyzed : 04/17/2015
Extraction Date : 04/15/2015

Conc. Units : µg/L
Method : 552.2 Rev 1.0
Analyst : DV
Sample Cond. : Acceptable

Regulated Compounds	Result	Qualifier
Monochloroacetic acid	<2.0	
Dichloroacetic acid	7.1	
Trichloroacetic acid	<1.0	
Monobromoacetic acid	<1.0	
Dibromoacetic acid	17.3	
Total HAA5 ¹	24.4	
Monitored Compounds	Result	Qualifier
Bromochloroacetic acid	13.0	
Dalapon	<1.0	

Comments:

The test results on this report relate only to the sample identified on this report. The test results for analytes noted(¹) meet all TNI (2009 Standard) requirements.

Authorized by Team Lead TBOROWSKI on 04/30/2015



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Trihalomethanes by GC/MS Analysis Report

Submitter Identification Number: 0470015

UPPER LEON RIVER MWD
PIRKLE, GYALE
2250 HIGHWAY 2861
COMANCHE, TX 76442-5619

Date Reported : 08/11/2015

Report ID#: 20150811100042AD02625

Lab Sample ID# : AD02625
Sample Priority : NORMAL
TCEQ ID#(s) : 1540258

Water Source :
Entry Point(s) : DBP2-02

Date Collected : 08/05/2015 13:33
Date Received : 08/06/2015
Date Analyzed : 08/10/2015

Conc. Units : µg/L
Method : EPA 524.2
Analyst : LZ
Sample Cond. : Acceptable

Trihalomethanes	Result	Qualifier
Chloroform	16.9	
Bromodichloromethane	12.0	
Dibromochloromethane	4.3	
Bromoform	<1.0	
Total Trihalomethanes ¹	33.2	

Comments:

The test results on this report relate only to the sample identified on this report. The test results for analytes noted(¹) meet all TNI (2009 Standard) requirements.

Authorized by Team Lead HHAJIPOUR on 08/11/2015



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Haloacetic Acids Analysis Report

Submitter Identification Number: 0470015

UPPER LEON RIVER MWD
PIRKLE, GYALE
2250 HIGHWAY 2861
COMANCHE, TX 76442-5619

Date Reported : 08/18/2015

Report ID# : 20150818094025AD02630

Lab Sample ID# : AD02630
Sample Priority : NORMAL
TCEQ ID#(s) : 1538936

Water Source :
Entry Point(s) : DBP2-01

Date Collected : 08/05/2015 12:39
Date Received : 08/06/2015
Date Analyzed : 08/12/2015
Extraction Date : 08/11/2015

Conc. Units : µg/L
Method : 552.2 Rev 1.0
Analyst : CL
Sample Cond. : Acceptable

Regulated Compounds	Result	Qualifier
Monochloroacetic acid	<2.0	O
Dichloroacetic acid	35.1	O
Trichloroacetic acid	6.3	
Monobromoacetic acid	<1.0	
Dibromoacetic acid	5.6	
Total HAA5 ¹	47.0	
Monitored Compounds	Result	Qualifier
Bromochloroacetic acid	17.6	O
Dalapon	<1.0	O

Comments:

O - The associated laboratory fortified matrix spike recovery was below method acceptance limits. Suspect Matrix.

The test results on this report relate only to the sample identified on this report. The test results for analytes noted(1) meet all TNI (2009 Standard) requirements.

Authorized by Team Lead TBOROWSKI on 08/14/2015



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Volatile Organic Compounds by GC/MS Analysis Report

Submitter Identification Number: 0470015

UPPER LEON RIVER MWD
 PIRKLE, GYALE
 2250 HIGHWAY 2861
 COMANCHE, TX 76442-5619

Date Reported : 08/18/2015
 Report ID#: 20150818094025AD02691

Lab Sample ID#: AD02691 Water Source : Date Collected : 08/05/2015 13:09 Conc. Units : µg/L
 Sample Priority : NORMAL Entry Point(s) : EP001 Date Received : 08/06/2015 Method : EPA 524.2
 TCEQ ID#(s) : 1504911 Date Analyzed : 08/10/2015 Analyst : MD
 Sample Cond. : Acceptable

Regulated Cmpds.[40 CFR 141.61(a)]	Result	Qualifier	Monitored Cmpds.[40 CFR 141.40(j)]	Result	Qualifier
Benzene ¹	<0.5		1,2,4-Trimethylbenzene	<1.0	
Carbon tetrachloride ¹	<0.5		1,2,3-Trichlorobenzene	<1.0	
Monochlorobenzene ¹	<0.5		n-Propylbenzene	<1.0	
o-Dichlorobenzene ¹	<0.5		n-Butylbenzene	<1.0	
para-Dichlorobenzene ¹	<0.5		Naphthalene	<1.0	
1,2-Dichloroethane ¹	<0.5		Hexachlorobutadiene	<1.0	
1,1-Dichloroethylene ¹	<0.5		1,3,5-Trimethylbenzene	<1.0	
cis-1,2-Dichloroethylene ¹	<0.5		4-Isopropyltoluene	<1.0	
trans-1,2-Dichloroethylene ¹	<0.5		Isopropylbenzene	<1.0	
1,2-Dichloropropane ¹	<0.5		t-Butylbenzene	<1.0	
Dichloromethane ¹	<0.5		s-Butylbenzene	<1.0	
Ethylbenzene ¹	<0.5		Trichlorofluoromethane	<2.0	
Styrene ¹	<0.5		Dichlorodifluoromethane	<2.0	
Tetrachloroethylene ¹	<0.5		Bromochloromethane	<1.0	
Toluene ¹	<0.5		Other Compounds	Result	Qualifier
1,2,4-Trichlorobenzene ¹	<0.5		Acetone	<10	
1,1,1-Trichloroethane ¹	<0.5		Acrylonitrile	<10	
1,1,2-Trichloroethane ¹	<0.5		2-Butanone (MEK)	<10	
Trichloroethylene ¹	<0.5		Carbon disulfide	<1.0	
Vinyl chloride ¹	<0.5		Ethyl methacrylate	<1.0	
Xylenes (total) ¹	<0.5		2-Hexanone	<1.0	
Monitored Cmpds.[40 CFR 141.40(e)]	Result	Qualifier	Iodomethane	<5.0	
Chloroform	15		Methyl methacrylate	<1.0	
Bromodichloromethane	9.5		4-Methyl-2-pentanone (MIBK)	<2.0	
Dibromochloromethane	2.6		Methyl-t-butyl ether (MTBE)	<2.0	
Bromoform	<1.0		Tetrahydrofuran	<5.0	
Dibromomethane	<1.0		Vinyl acetate	<10	
1,3-Dichlorobenzene	<1.0		Comments:		
1,1-Dichloropropene	<1.0				
1,1-Dichloroethane	<1.0				
1,1,2,2-Tetrachloroethane	<1.0				
1,3-Dichloropropane	<1.0				
Chloromethane	<2.0				
Bromomethane	<2.0				
1,2,3-Trichloropropane	<1.0				
1,1,1,2-Tetrachloroethane	<1.0				
Chloroethane	<2.0				
2,2-Dichloropropane	<1.0				
2-Chlorotoluene	<1.0				
4-Chlorotoluene	<1.0				
Bromobenzene	<1.0				
cis-1,3-Dichloropropene	<1.0				
trans-1,3-Dichloropropene	<1.0				

The test results on this report relate only to the sample identified on this report. The test results for analytes noted(1) meet all TNI (2009 Standard) requirements.

Authorized by Team Lead KFREE on 08/14/2015



Texas Department of State Health Services

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Trihalomethanes by GC/MS Analysis Report

Submitter Identification Number: 0470015

UPPER LEON RIVER MWD
PIRKLE, GYALE
2250 HIGHWAY 2861
COMANCHE, TX 76442-5619

Date Reported : 10/13/2015

Report ID# : 20151013101336AD09604

Lab Sample ID# : AD09604
Sample Priority : NORMAL
TCEQ ID#(s) : 1540494

Water Source :
Entry Point(s) : DBP2-02

Date Collected : 10/06/2015 13:34
Date Received : 10/07/2015
Date Analyzed : 10/08/2015

Conc. Units : µg/L
Method : EPA 524.2
Analyst : MD
Sample Cond. : Acceptable

Trihalomethanes	Result	Qualifier
Chloroform	10.9	
Bromodichloromethane	10.2	
Dibromochloromethane	5.0	
Bromoform	1.3	
Total Trihalomethanes ¹	27.4	

Comments:

The test results on this report relate only to the sample identified on this report. The test results for analytes noted(¹) meet all TNI (2009 Standard) requirements.

Authorized by Team Lead KFREE on 10/12/2015



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1100 W. 49th St., Austin, Tx. 78756 (512)458-7587

Haloacetic Acids Analysis Report

Submitter Identification Number: 0470015

UPPER LEON RIVER MWD
PIRKLE, GYALE
2250 HIGHWAY 2861
COMANCHE, TX 76442-5619

Date Reported : 10/20/2015
Report ID# : 20151020094727AD09609

Lab Sample ID# : AD09609	Water Source :	Date Collected : 10/06/2015 12:47	Conc. Units : µg/L
Sample Priority : NORMAL	Entry Point(s) : DBP2-01	Date Received : 10/07/2015	Method : 552.2 Rev 1.0
TCEQ ID#(s) : 1539152		Date Analyzed : 10/10/2015	Analyst : CL
		Extraction Date : 10/08/2015	Sample Cond. : Acceptable

Regulated Compounds	Result	Qualifier
Monochloroacetic acid	<2.0	
Dichloroacetic acid	25.4	
Trichloroacetic acid	3.8	
Monobromoacetic acid	<1.0	
Dibromoacetic acid	5.4	
Total HAA5 ¹	34.6	
Monitored Compounds	Result	Qualifier
Bromochloroacetic acid	14.8	
Dalapon	<1.0	

Comments:

The test results on this report relate only to the sample identified on this report. The test results for analytes noted(¹) meet all TNI (2009 Standard) requirements.

Authorized by Team Lead TBOROWSKI on 10/16/2015