

2017 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
Trihalomethanes (THM)	03/15/2017	03/21/2017
Haloacetic Acids (HAA5)	03/15/2017	03/24/2017
Cyanide	03/15/2017	03/24/2017
SOC5	03/15/2017	03/22/2017
Minerals	03/15/2017	03/20/2017
Pesticides	03/15/2017	03/28/2017
Trihalomethanes (THM)	05/16/2017	05/23/2017
Haloacetic Acids (HAA5)	05/16/2017	05/30/2017
Trihalomethanes (THM)	08/24/2017	08/31/2017
Haloacetic Acids (HAA5)	08/24/2017	09/07/2017
VOCs	08/24/2017	09/07/2017
All Metals	08/24/2017	09/07/2017
Trihalomethanes (THM)	11/15/2017	11/22/2017
Haloacetic Acids (HAA5)	11/15/2017	11/22/2017



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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 : 03/23/2017
Report ID#: 20170323112104AD75427

Lab Sample ID# : AD75427
Sample Priority : NORMAL
TCEQ ID#(s) : 1745481

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

Date Collected : 03/15/2017 14:07
Date Received : 03/17/2017
Date Analyzed : 03/21/2017

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

Trihalomethanes	Result	Qualifier
Chloroform	5.0	
Bromodichloromethane	12.6	
Dibromochloromethane	12.1	
Bromoform	6.3	
Total Trihalomethanes ¹	36.0	

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 HHAJIPOUR on 03/23/2017



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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 : 03/28/2017
Report ID# : 20170328110204AD75429

Lab Sample ID# : AD75429	Water Source :	Date Collected : 03/15/2017 13:07	Conc. Units : µg/L
Sample Priority : NORMAL	Entry Point(s) : DBP2-01	Date Received : 03/17/2017	Method : 552.2 Rev 1.0
TCEQ ID#(s) : 1744541		Date Analyzed : 03/24/2017	Analyst : MA
		Extraction Date : 03/22/2017	Sample Cond. : Acceptable

Regulated Compounds	Result	Qualifier
Monochloroacetic acid	<2.0	
Dichloroacetic acid	11.5	
Trichloroacetic acid	1.2	
Monobromoacetic acid	1.0	
Dibromoacetic acid	9.2	
Total HAA5 ¹	22.9	

Monitored Compounds	Result	Qualifier
Bromochloroacetic acid	12.9	
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 03/28/2017



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*SINGLE MINERAL Analysis Report

Submitter Identification Number: 0470015

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

Date Reported : 03/30/2017
Report ID#: 20170330112710AD75347

Lab Sample ID# : AD75347
Sample Priority : NORMAL
TCEQ ID#(s) : 1732299

Water Source :
Entry Point(s) : EP001

Date Collected : 03/15/2017 13:44
Date Received : 03/17/2017

Sample Cond. : Acceptable

Analyte	Result	Unit	Method	Date/Time Analyzed	Analyst
Total Cyanide ¹	< 0.01	mg/L	10-204-00-1-X	03/24/2017 12:33	MD

Comments:

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Authorized by Team Lead HNGO on 03/29/2017



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Semivolatiles Organic Analysis Report

Submitter Identification Number: 0470015

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

Date Reported : 04/11/2017
Report ID#: 20170411141527AD75583

Lab Sample ID# : AD75583	Water Source :	Date Collected : 03/15/2017 13:41	Conc. Units : µg/L
Sample Priority : NORMAL	Entry Point(s) : EP001	Date Received : 03/17/2017	Method : EPA 525.2
TCEQ ID#(s) : 1709734		Date Analyzed : 03/22/2017	Analyst : KF
		Extraction Date : 03/22/2017	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	LS	2,2',3,3',4,4',6-Heptachlorobiphenyl	<0.51	LS
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	LS
trans-Nonachlor	<0.2		Metolachlor	<0.20	
Di(2-ethylhexyl) adipate ¹	<0.6	LS	Metribuzin	<0.20	
Di(2-ethylhexyl) phthalate ¹	<0.6	LS	Naphthalene	<0.20	
Heptachlor ¹	<0.04		2,2',3,3',4,5',6,6'-Octachlorobiphenyl	<0.51	LS
Hexachlorobenzene ¹	<0.1	K	2,2',3',4,6-Pentachlorobiphenyl	<0.20	
Hexachlorocyclopentadiene ¹	<0.1	*	Phenanthrene	<0.20	
Lindane ¹	<0.02		Propachlor	<0.20	
Methoxychlor ¹	<0.1		Pyrene	<0.20	
Simazine ¹	<0.07		2,2',4,4'-Tetrachlorobiphenyl	<0.20	
Monitored Compounds	Result	Qualifier	2,4,5-Trichlorobiphenyl	<0.20	
Acenaphthene	<0.20		Trifluralin	<0.20	
Acenaphthylene	<0.20				
Aldrin	<0.20		Comments:		
Anthracene	<0.20		L - The associated laboratory fortified blank spike (and/or its duplicate) recovery was below method acceptance limits.		
Benzo(a)anthracene	<0.20		S - LFB/LFBD RPD exceeded the method acceptance limit.		
Benzo[b]fluoranthene	<0.20	LS	K - The associated laboratory fortified blank spike (and/or its duplicate) recovery was above method acceptance limits.		
Benzo[g,h,i]perylene	<0.20	LS	* - This analyte has known instability and/or method performance issues and quantitation should be considered approximate.		
Benzo[k]fluoranthene	<0.20	LS	Insufficient sample received to meet method 525.2/508.1 QC requirements. 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.		
Bromacil	<0.20				
Butachlor	<0.20				
Butylbenzylphthalate	<2.0				
2-Chlorobiphenyl	<0.20				
Chrysene	<0.20				
Dibenz[a,h]anthracene	<0.20	LS			
Di-n-butylphthalate	<2.0				
2,3-Dichlorobiphenyl	<0.20				
Dieldrin	<0.20				
Diethylphthalate	<2.0				

Authorized by Group Manager TDUNN on 04/10/2017



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*ALL MINERALS Analysis Report

Submitter Identification Number: 0470015

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

Date Reported : 04/06/2017
Report ID# : 20170406094251AD75344

Lab Sample ID# : AD75344 Water Source :
Sample Priority : NORMAL Entry Point(s) : EP001
TCEQ ID#(s) : 1717918

Date Collected : 03/15/2017 13:43
Date Received : 03/17/2017

Sample Cond. : Acceptable

Analyte	Result	Unit	Method	Date/Time Analyzed	Analyst
Field pH Result	7.7	pH			
Diluted Conductance @ 25.0 °C ¹	707	µmho/cm	SM 2510 B	03/20/2017 14:05	JK
Phenolphthalein Alkalinity as CaCO ₃	<2	mg/L	SM 2320B	03/20/2017 15:04	LA
Total Alkalinity as CaCO ₃	132	mg/L	SM 2320B	03/20/2017 15:04	LA
Bicarbonate	161	mg/L	SM 2320B	03/20/2017 15:04	LA
Carbonate	<2	mg/L	SM 2320B	03/20/2017 15:04	LA
Fluoride ¹	<0.1	mg/L	EPA 300.0	04/01/2017 13:03	BF
Chloride ¹	81	mg/L	EPA 300.0	04/04/2017 01:11	BF
Sulfate ¹	84	mg/L	EPA 300.0	04/04/2017 01:11	BF
Total Dissolved Solids ¹	390	mg/L	SM 2540C	03/20/2017 10:00	JK
Nitrate as N ¹	0.11	mg/L	EPA 353.2	03/17/2017 14:19	HN

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 LARCHER on 04/05/2017



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Pesticides by Method 508.1 Analysis Report

Submitter Identification Number: 0470015

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

Date Reported : 04/11/2017
Report ID# : 20170411141527AD75583

Lab Sample ID# : AD75583
Sample Priority : NORMAL
TCEQ ID#(s) : 1709734

Water Source :
Entry Point(s) : EP001

Date Collected : 03/15/2017 13:41
Date Received : 03/17/2017
Date Analyzed : 03/28/2017

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

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

Comments:

Insufficient sample received to meet method 525.2/508.1 QC requirements. 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 Group Manager TDUNN on 04/10/2017



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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 : 05/23/2017

Report ID# : 20170523104639AD84655

Lab Sample ID# : AD84655
Sample Priority : NORMAL
TCEQ ID#(s) : 1745642

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

Date Collected : 05/16/2017 12:46
Date Received : 05/18/2017
Date Analyzed : 05/19/2017

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

Trihalomethanes	Result	Qualifier
Chloroform	4.2	
Bromodichloromethane	12.1	
Dibromochloromethane	14.9	
Bromoform	10.8	
Total Trihalomethanes ¹	42.0	

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 HHAJIPOUR on 05/23/2017



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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 : 05/30/2017
Report ID# : 20170530140511AD84660

Lab Sample ID# : AD84660	Water Source :	Date Collected : 05/16/2017 12:03	Conc. Units : µg/L
Sample Priority : NORMAL	Entry Point(s) : DBP2-01	Date Received : 05/18/2017	Method : 552.2 Rev 1.0
TCEQ ID#(s) : 1744701		Date Analyzed : 05/25/2017	Analyst : DP
		Extraction Date : 05/24/2017	Sample Cond. : Acceptable

<u>Regulated Compounds</u>	<u>Result</u>	<u>Qualifier</u>
Monochloroacetic acid	<2.0	
Dichloroacetic acid	10.7	
Trichloroacetic acid	1.4	
Monobromoacetic acid	<1.0	
Dibromoacetic acid	13.6	
Total HAA5 ¹	25.7	

<u>Monitored Compounds</u>	<u>Result</u>	<u>Qualifier</u>
Bromochloroacetic acid	15.8	
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(*) meet all TNI (2009 Standard) requirements.

Authorized by Chemist III BFLAMMANG on 05/26/2017



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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 : 08/31/2017
Report ID# : 20170831110541AD94152

Lab Sample ID# : AD94152
Sample Priority : NORMAL
TCEQ ID#(s) : 1746049

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

Date Collected : 08/24/2017 10:27
Date Received : 08/25/2017
Date Analyzed : 08/29/2017

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

Trihalomethanes	Result	Qualifier
Chloroform	7.5	
Bromodichloromethane	18.9	
Dibromochloromethane	19.6	
Bromoform	13.8	
Total Trihalomethanes ¹	59.8	

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 08/30/2017



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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 : 09/07/2017
Report ID# : 20170907111931AD94157

Lab Sample ID# : AD94157	Water Source :	Date Collected : 08/24/2017 09:24	Conc. Units : µg/L
Sample Priority : NORMAL	Entry Point(s) : DBP2-01	Date Received : 08/25/2017	Method : 552.2 Rev 1.0
TCEQ ID#(s) : 1745169		Date Analyzed : 09/02/2017	Analyst : AM
		Extraction Date : 08/31/2017	Sample Cond. : Acceptable

Regulated Compounds	Result	Qualifier
Monochloroacetic acid	<2.0	
Dichloroacetic acid	15.1	
Trichloroacetic acid	2.7	
Monobromoacetic acid	<1.0	
Dibromoacetic acid	15.1	
Total HAA5 ¹	32.9	
Monitored Compounds	Result	Qualifier
Bromochloroacetic acid	18.1	
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 AVINYARD on 09/06/2017



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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 : 09/07/2017
 Report ID# : 20170907111931AD94162

Lab Sample ID# : AD94162	Water Source :	Date Collected : 08/24/2017 09:56	Conc. Units : µg/L
Sample Priority : NORMAL	Entry Point(s) : EP001	Date Received : 08/25/2017	Method : EPA 524.2
TCEQ ID#(s) : 1706816		Date Analyzed : 08/25/2017	Analyst : LZ
			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	8.0		Methyl methacrylate	<1.0	
Bromodichloromethane	16		4-Methyl-2-pentanone (MIBK)	<2.0	
Dibromochloromethane	17		Methyl-t-butyl ether (MTBE)	<0.5	
Bromoform	9.4		Tetrahydrofuran	<5.0	
Dibromomethane	<1.0		Comments:		
1,3-Dichlorobenzene	<1.0				
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 09/05/2017



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*ALL METALS Analysis Report

Submitter Identification Number: 0470015

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

Date Reported : 09/07/2017

Report ID# : 20170907111931AD94078

Lab Sample ID# : AD94078
Sample Priority : NORMAL
TCEQ ID#(s) : 1795112

Water Source :
Entry Point(s) : EP001

Date Collected : 08/24/2017 09:57
Date Received : 08/25/2017

Sample Cond. : Acceptable

Analyte	Result	Unit	Method	Date/Time Analyzed	Analyst
Acidification	Completed		EPA 200.2	08/25/2017	KH
pH Check	Completed		EPA 200.2	08/28/2017	KH
Turbidity Screen	Completed		SM 2130B	08/28/2017	KH
Visible Particles	Completed			08/28/2017	KH
Total Hardness as CaCO3 by Calculation	157	mg/L	SM 2340B	08/28/2017	KH
Aluminum ¹	0.274	mg/L	EPA 200.8	08/30/2017	IU
Antimony ¹	< 0.0010	mg/L	EPA 200.8	08/30/2017	IU
Arsenic ¹	0.0022	mg/L	EPA 200.8	08/30/2017	IU
Barium ¹	0.0842	mg/L	EPA 200.8	08/30/2017	IU
Beryllium ¹	< 0.00080	mg/L	EPA 200.8	08/30/2017	IU
Cadmium ¹	< 0.0010	mg/L	EPA 200.8	08/30/2017	IU
Calcium	41.3	mg/L	EPA 200.7	08/28/2017	KH
Chromium ¹	< 0.0100	mg/L	EPA 200.8	08/30/2017	IU
Copper ¹	< 0.0020	mg/L	EPA 200.8	08/30/2017	IU
Iron ¹	< 0.010	mg/L	EPA 200.7	08/28/2017	KH
Lead ¹	< 0.0010	mg/L	EPA 200.8	08/30/2017	IU
Magnesium ¹	13.2	mg/L	EPA 200.7	08/28/2017	KH
Manganese ¹	0.0149	mg/L	EPA 200.8	08/30/2017	IU
Mercury ¹	< 0.00040	mg/L	EPA 245.1	08/31/2017	IU
Nickel ¹	0.0013	mg/L	EPA 200.8	08/30/2017	IU
Potassium ¹	8.61	mg/L	EPA 200.7	08/28/2017	KH
Selenium ¹	0.0039	mg/L	EPA 200.8	08/30/2017	IU
Silver ¹	< 0.0100	mg/L	EPA 200.8	08/30/2017	IU
Sodium ¹	53.5	mg/L	EPA 200.7	08/28/2017	KH
Thallium ¹	< 0.00040	mg/L	EPA 200.8	08/30/2017	IU
Zinc ¹	< 0.0050	mg/L	EPA 200.8	08/30/2017	IU

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 EBOYER on 09/06/2017



Texas Department of State Health Services

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LABORATORY SERVICES SECTION, MC-1947
1100 W. 49th St., Austin, Tx. 78756 (512)458-7587

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 : 11/28/2017

Report ID# : 2017-1128101424AE05183

Lab Sample ID# : AE05183
Sample Priority : NORMAL
TCEQ ID#(s) : 1746209

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

Date Collected : 11/15/2017 11:41
Date Received : 11/17/2017
Date Analyzed : 11/22/2017

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

Trihalomethanes	Result	Qualifier
Chloroform	4.7	
Bromodichloromethane	11.2	
Dibromochloromethane	12.9	
Bromoform	8.5	
Total Trihalomethanes ¹	37.3	

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 11/28/2017



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LABORATORY SERVICES SECTION, MC-1947
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 : 11/30/2017

Report ID# : 20171130103306AE05184

Lab Sample ID# : AE05184
Sample Priority : NORMAL
TCEQ ID#(s) : 1745319

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

Date Collected : 11/15/2017 11:06
Date Received : 11/17/2017
Date Analyzed : 11/22/2017
Extraction Date : 11/21/2017

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

<u>Regulated Compounds</u>	<u>Result</u>	<u>Qualifier</u>
Monochloroacetic acid	<2.0	
Dichloroacetic acid	6.5	
Trichloroacetic acid	<1.0	
Monobromoacetic acid	<1.0	
Dibromoacetic acid	8.4	
Total HAA5 ¹	14.9	

<u>Monitored Compounds</u>	<u>Result</u>	<u>Qualifier</u>
Bromochloroacetic acid	9.3	
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 11/28/2017