

2016 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)	01/13/2016	01/15/2016
Haloacetic Acids (HAA5)	01/13/16	01/22/16
Trihalomethanes (THM)	04/14/16	04/18/16
Haloacetic Acids (HAA5)	04/14/16	04/26/16
EDB and DBCP	04/14/16	04/26/16
Carbamates by HPLC	04/14/16	04/21/16
Cyanide	04/14/16	04/19/16
Minerals	04/14/16	04/15-04/27/19
Metals	04/14/16	04/15-04/26/16
Herbicides	04/14/16	04/26/16
SOC ₅	04/14/16	04/28/16
VOCs	08/03/16	08/10/16
Trihalomethanes (THM)	08/03/16	08/05/16
Haloacetic Acids (HAA5)	08/03/16	08/11/16
Trihalomethanes (THM)	10/12/16	10/14/16
Haloacetic Acids (HAA5)	10/12/16	10/21/16



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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 : 01/26/2016
Report ID# : 20160126095315AD17875

Lab Sample ID# : AD17875 Water Source :
Sample Priority : NORMAL Entry Point(s) : DBP2-02
TCEQ ID#(s) : 1640790

Date Collected : 01/13/2016 12:53 Conc. Units : µg/L
Date Received : 01/14/2016 Method : EPA 524.2
Date Analyzed : 01/15/2016 Analyst : JA
Sample Cond. : Acceptable

<u>Trihalomethanes</u>	<u>Result</u>	<u>Qualifier</u>
Chloroform	8.8	
Bromodichloromethane	9.1	
Dibromochloromethane	3.6	
Bromoform	<1.0	
Total Trihalomethanes ¹	21.5	

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 01/25/2016



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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 : 01/26/2016
Report ID# : 20160126095315AD17879

Lab Sample ID# : AD17879 Water Source :
Sample Priority : NORMAL Entry Point(s) : DBP2-01
TCEQ ID#(s) : 1639621

Date Collected : 01/13/2016 13:32 Conc. Units : µg/L
Date Received : 01/14/2016 Method : 552.2 Rev 1.0
Date Analyzed : 01/22/2016 Analyst : CL
Extraction Date : 01/20/2016 Sample Cond. : Acceptable

Regulated Compounds	Result	Qualifier
Monochloroacetic acid	<2.0	
Dichloroacetic acid	17.6	
Trichloroacetic acid	2.6	
Monobromoacetic acid	<1.0	
Dibromoacetic acid	3.9	
Total HAA5 ¹	24.1	

Monitored Compounds	Result	Qualifier
Bromochloroacetic acid	10.9	
Dalapon	<1.0	

Comments:

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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 : 04/26/2016

Report ID# : 20160426102747AD33186

Lab Sample ID# : AD33186
Sample Priority : NORMAL
TCEQ ID#(s) : 1641039

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

Date Collected : 04/14/2016 11:07
Date Received : 04/15/2016
Date Analyzed : 04/18/2016

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

Trihalomethanes	Result	Qualifier
Chloroform	7.3	
Bromodichloromethane	14.4	
Dibromochloromethane	11.9	
Bromoform	5.3	
Total Trihalomethanes ¹	38.9	

Comments:

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Authorized by Team Lead HHAJIPOUR on 04/20/2016



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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 : 04/28/2016
Report ID# : 20160428105928AD33188

Lab Sample ID# : AD33188 Water Source :
Sample Priority : NORMAL Entry Point(s) : DBP2-01
TCEQ ID#(s) : 1639838

Date Collected : 04/14/2016 09:58 Conc. Units : µg/L
Date Received : 04/15/2016 Method : 552.2 Rev 1.0
Date Analyzed : 04/26/2016 Analyst : BF
Extraction Date : 04/22/2016 Sample Cond. : Acceptable

<u>Regulated Compounds</u>	<u>Result</u>	<u>Qualifier</u>
Monochloroacetic acid	<2.0	
Dichloroacetic acid	14.0	
Trichloroacetic acid	2.2	
Monobromoacetic acid	1.2	
Dibromoacetic acid	9.5	
Total HAA5 ¹	26.9	

<u>Monitored Compounds</u>	<u>Result</u>	<u>Qualifier</u>
Bromochloroacetic acid	14.9	
Dalapon	<1.0	

Comments:

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Authorized by Chemist III BFLAMMANG on 04/27/2016



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EDB and DBCP Analysis Report

Submitter Identification Number: 0470015

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

Date Reported : 05/03/2016
Report ID# : 20160503123814AD33256

Lab Sample ID# : AD33256 Water Source :
Sample Priority : NORMAL Entry Point(s) : EP001
TCEQ ID#(s) : 1624667

Date Collected : 04/14/2016 10:39 Conc. Units : µg/L
Date Received : 04/15/2016 Method : 504.1 Rev. 1.1
Date Analyzed : 04/26/2016 Analyst : CL
Extraction Date : 04/26/2016 Sample Cond. : Acceptable

<u>Regulated Compounds</u>	<u>Result</u>	<u>Qualifier</u>
Ethylene dibromide ¹	<0.01	
Dibromochloropropane ¹	<0.02	
<u>Non Regulated Compounds</u>	<u>Result</u>	<u>Qualifier</u>
1,2,3-Trichloropropane	<0.05	

Comments:

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Authorized by Chemist III BFLAMMANG on 05/03/2016



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Carbamates by HPLC Analysis Report

Submitter Identification Number: 0470015

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

Date Reported : 04/26/2016

Report ID# : 20160426102747AD33281

Lab Sample ID# : AD33281
Sample Priority : NORMAL
TCEQ ID#(s) : 1619476

Water Source :
Entry Point(s) : EP001

Date Collected : 04/14/2016 10:37
Date Received : 04/15/2016
Date Analyzed : 04/21/2016

Conc. Units : µg/L
Method : EPA Method 531.1
Analyst : KI
Sample Cond. : Acceptable

<u>Regulated Compounds</u>	<u>Result</u>	<u>Qualifier</u>
Aldicarb ¹	<0.5	
Aldicarb sulfone ¹	<0.8	
Aldicarb Sulfoxide ¹	<0.5	
Carbofuran ¹	<0.9	
Oxamyl ¹	<2.0	
<u>Monitored Compounds</u>	<u>Result</u>	<u>Qualifier</u>
Baygon	<2.0	
Carbaryl	<2.0	
3-Hydroxycarbofuran	<2.0	
Methiocarb	<4.0	
Methomyl	<2.0	

Comments:

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Authorized by Team Lead HHAJIPOUR on 04/22/2016



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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 : 04/26/2016
Report ID# : 20160426102747AD33110

Lab Sample ID# : AD33110
Sample Priority : NORMAL
TCEQ ID#(s) : 1628363

Water Source :
Entry Point(s) : EP001

Date Collected : 04/14/2016 10:41
Date Received : 04/15/2016

Sample Cond. : Acceptable

Analyte	Result	Unit	Method	Date/Time Analyzed	Analyst
Total Cyanide ¹	0.1	mg/L	10-204-00-1-X	04/19/2016 12:13	MD

Comments:

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Authorized by Team Lead LARCHER on 04/21/2016



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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 : 05/10/2016
Report ID# : 20160510100222AD33109

Lab Sample ID# : AD33109 Water Source :
Sample Priority : NORMAL Entry Point(s) : EP001
TCEQ ID#(s) : 1618602

Date Collected : 04/14/2016 10:35
Date Received : 04/15/2016

Sample Cond. : Acceptable

Analyte	Result	Unit	Method	Date/Time Analyzed	Analyst
Field pH Result	7.4	pH			
Diluted Conductance ¹	657	µmho/cm	SM 2510 B	04/15/2016 10:50	LH
Phenolphthalein Alkalinity as CaCO ₃	<2	mg/L	SM 2320B	04/19/2016 15:18	BF
Total Alkalinity as CaCO ₃	121	mg/L	SM 2320B	04/19/2016 15:18	BF
Bicarbonate	148	mg/L	SM 2320B	04/19/2016 15:18	BF
Carbonate	<2	mg/L	SM 2320B	04/19/2016 15:18	BF
Fluoride ¹	0.11	mg/L	EPA 300.0	04/27/2016 19:04	BF
Chloride ¹	72	mg/L	EPA 300.0	04/27/2016 19:04	BF
Sulfate ¹	65	mg/L	EPA 300.0	04/27/2016 19:04	BF
Total Dissolved Solids ¹	356	mg/L	SM 2540C	04/15/2016 14:17	LH
Nitrate as N ¹	0.13	mg/L	EPA 353.2	04/19/2016 11:35	BF

Comments:

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Authorized by Team Lead LARCHER on 05/06/2016



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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 : 05/10/2016

Report ID#: 20160510100222AD33128

Lab Sample ID#: AD33128

Water Source :

Date Collected : 04/14/2016 10:34

Sample Priority : NORMAL

Entry Point(s) : EP001

Date Received : 04/15/2016

TCEQ ID#(s) : 1616176

Sample Cond. : Acceptable

Analyte	Result	Unit	Method	Date/Time Analyzed	Analyst
Acidification	Completed		EPA 200.2	04/15/2016	JK
pH Check	Completed		EPA 200.2	04/18/2016	PG
Turbidity Screen	Completed		SM 2130B	04/18/2016	PG
Visible Particles	Completed			04/18/2016	PG
Total Hardness as CaCO3 by Calculation	192	mg/L	SM 2340B	04/22/2016	JK
Aluminum ¹	0.163	mg/L	EPA 200.8	05/02/2016	IU
Antimony ¹	< 0.0010	mg/L	EPA 200.8	04/19/2016	PG
Arsenic ¹	< 0.0020	mg/L	EPA 200.8	04/19/2016	PG
Barium ¹	0.0964	mg/L	EPA 200.8	04/19/2016	PG
Beryllium ¹	< 0.00080	mg/L	EPA 200.8	04/19/2016	PG
Cadmium ¹	< 0.0010	mg/L	EPA 200.8	04/19/2016	PG
Calcium	57.1	mg/L	EPA 200.7	04/22/2016	JK
Chromium ¹	< 0.0100	mg/L	EPA 200.8	04/19/2016	PG
Copper ¹	< 0.0020	mg/L	EPA 200.8	04/19/2016	PG
Iron ¹	< 0.010	mg/L	EPA 200.7	04/22/2016	JK
Lead ¹	< 0.0010	mg/L	EPA 200.8	04/19/2016	PG
Magnesium ¹	11.9	mg/L	EPA 200.7	04/22/2016	JK
Manganese ¹	0.0038	mg/L	EPA 200.8	04/19/2016	PG
Mercury ¹	< 0.00040	mg/L	EPA 245.1	04/26/2016	PG
Nickel ¹	0.0017	mg/L	EPA 200.8	04/19/2016	PG
Potassium ¹	8.00	mg/L	EPA 200.7	04/22/2016	JK
Selenium ¹	< 0.0030	mg/L	EPA 200.8	04/19/2016	PG
Silver ¹	< 0.0100	mg/L	EPA 200.8	04/19/2016	PG
Sodium ¹	43.2	mg/L	EPA 200.7	04/22/2016	JK
Thallium ¹	< 0.00040	mg/L	EPA 200.8	04/19/2016	PG
Zinc ¹	< 0.0050	mg/L	EPA 200.8	04/19/2016	PG

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 05/09/2016



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Herbicides in Drinking Water Analysis Report

Submitter Identification Number: 0470015

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

Date Reported : 05/12/2016
Report ID# : 20160512120932AD33270

Lab Sample ID# : AD33270	Water Source :	Date Collected : 04/14/2016 10:37	Conc. Units : µg/L
Sample Priority : NORMAL	Entry Point(s) : EP001	Date Received : 04/15/2016	Method : 515.4 Rev. 1.0
TCEQ ID#(s) : 1621952		Date Analyzed : 04/26/2016	Analyst : AM
		Extraction Date : 04/22/2016	Sample Cond. : Acceptable

Regulated Compounds	Result	Qualifier
2,4-D ¹	<0.1	
2,4,5-TP (Silvex) ¹	<0.2	
Pentachlorophenol ¹	<0.04	
Dalapon ¹	<1	
Dinoseb ¹	<0.2	
Picloram ¹	<0.1	
Non Regulated Compounds	Result	Qualifier
Acifluorfen	<1.0	
Bentazon	<2.0	
Chloramben	<1.0	
2,4-DB	<2.0	
Dicamba	<1.0	
3,5-Dichlorobenzoic acid	<1.0	
Dichlorprop	<2.0	
Quinclorac	<1.0	
2,4,5-T	<0.5	

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 05/10/2016



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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 : 05/24/2016
 Report ID# : 20160524145141AD33294

Lab Sample ID# : AD33294	Water Source :	Date Collected : 04/14/2016 10:33	Conc. Units : µg/L
Sample Priority : NORMAL	Entry Point(s) : EP001	Date Received : 04/15/2016	Method : EPA 525.2
TCEQ ID#(s) : 1609909		Date Analyzed : 04/28/2016	Analyst : KF
		Extraction Date : 04/25/2016	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	*	Phenanthrene	<0.20	
Lindane ¹	<0.02		Prometon	<0.20	*
Methoxychlor ¹	<0.1		Propachlor	<0.20	
Pentachlorophenol ¹	<0.04		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		* - This analyte has known instability and/or method performance issues and quantitation should be considered approximate.		
Benzo(a)anthracene	<0.20		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.		
Benzo[b]fluoranthene	<0.20		Authorized by Branch Manager CHOGBERG on 05/23/2016		
Benzo[g,h,i]perylene	<0.20				
Benzo[k]fluoranthene	<0.20				
Bromacil	<0.20				
Butachlor	<0.20				
Butylbenzylphthalate	<2.0				
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				



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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 : 08/16/2016
 Report ID# : 20160816083351AD46913

Lab Sample ID# : AD46913	Water Source :	Date Collected : 08/03/2016 10:08	Conc. Units : µg/L
Sample Priority : NORMAL	Entry Point(s) : EP001	Date Received : 08/04/2016	Method : EPA 524.2
TCEQ ID#(s) : 1606601		Date Analyzed : 08/10/2016	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				
1,2,4-Trichlorobenzene ¹	<0.5		Other Compounds	Result	Qualifier
1,1,1-Trichloroethane ¹	<0.5		Acetone	<10	
1,1,2-Trichloroethane ¹	<0.5		Acrylonitrile	<10	
Trichloroethylene ¹	<0.5		2-Butanone (MEK)	<10	
Vinyl chloride ¹	<0.5		Carbon disulfide	<1.0	
Xylenes (total) ¹	<0.5		Ethyl methacrylate	<1.0	
			2-Hexanone	<1.0	
Monitored Cmpds.[40 CFR 141.40(e)]	Result	Qualifier	Iodomethane	<5.0	
Chloroform	14		Methyl methacrylate	<1.0	
Bromodichloromethane	11		4-Methyl-2-pentanone (MIBK)	<2.0	
Dibromochloromethane	4.0		Methyl-t-butyl ether (MTBE)	<0.5	
Bromoform	<1.0		Tetrahydrofuran	<5.0	
Dibromomethane	<1.0				
1,3-Dichlorobenzene	<1.0		Comments:		
1,1-Dichloropropene	<1.0		The test results on this report relate only to the sample		
1,1-Dichloroethane	<1.0		identified on this report. The test results for analytes noted(*)		
1,1,2,2-Tetrachloroethane	<1.0		meet all TNI (2009 Standard) requirements.		
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				

Authorized by Team Lead KFREE on 08/15/2016



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 : 08/09/2016

Report ID# : 20160809091820AD46872

Lab Sample ID# : AD46872
Sample Priority : NORMAL
TCEQ ID#(s) : 1641525

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

Date Collected : 08/03/2016 09:33
Date Received : 08/04/2016
Date Analyzed : 08/05/2016

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

Trihalomethanes	Result	Qualifier
Chloroform	14.9	
Bromodichloromethane	11.6	
Dibromochloromethane	4.7	
Bromoform	<1.0	
Total Trihalomethanes ¹	31.2	

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 08/09/2016



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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 : 08/16/2016

Report ID# : 20160816083351AD46875

Lab Sample ID# : AD46875

Water Source :

Date Collected : 08/03/2016 10:37

Conc. Units : µg/L

Sample Priority : NORMAL

Entry Point(s) : DBP2-01

Date Received : 08/04/2016

Method : 552.2 Rev 1.0

TCEQ ID#(s) : 1640376

Date Analyzed : 08/11/2016

Analyst : MA

Extraction Date : 08/09/2016

Sample Cond. : Acceptable

<u>Regulated Compounds</u>	<u>Result</u>	<u>Qualifier</u>
Monochloroacetic acid	<2.0	
Dichloroacetic acid	38.0	
Trichloroacetic acid	5.4	
Monobromoacetic acid	<1.0	
Dibromoacetic acid	6.7	
Total HAA5 ¹	50.1	

<u>Monitored Compounds</u>	<u>Result</u>	<u>Qualifier</u>
Bromochloroacetic acid	18.9	
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 08/15/2016



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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 : 10/18/2016
Report ID# : 20161018100034AD53156

Lab Sample ID# : AD53156
Sample Priority : NORMAL
TCEQ ID#(s) : 1641732

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

Date Collected : 10/12/2016 11:21
Date Received : 10/13/2016
Date Analyzed : 10/14/2016

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

Trihalomethanes	Result	Qualifier
Chloroform	10.8	
Bromodichloromethane	15.4	
Dibromochloromethane	11.7	
Bromoform	4.3	
Total Trihalomethanes ¹	42.2	

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 10/18/2016



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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 : 10/25/2016
Report ID# : 20161025103144AD53160

Lab Sample ID# : AD53160
Sample Priority : NORMAL
TCEQ ID#(s) : 1640523

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

Date Collected : 10/12/2016 11:56
Date Received : 10/13/2016
Date Analyzed : 10/21/2016
Extraction Date : 10/17/2016
Conc. Units : µg/L
Method : 552.2 Rev 1.0
Analyst : KH
Sample Cond. : Acceptable

<u>Regulated Compounds</u>	<u>Result</u>	<u>Qualifier</u>
Monochloroacetic acid	<2.0	
Dichloroacetic acid	22.7	
Trichloroacetic acid	3.4	
Monobromoacetic acid	<1.0	
Dibromoacetic acid	10.4	
Total HAA5 ¹	36.5	
<u>Monitored Compounds</u>	<u>Result</u>	<u>Qualifier</u>
Bromochloroacetic acid	18.0	
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 Chemist III BFLAMMANG on 10/21/2016