2023 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

WTP @ Point-Of-Entry Analysis Type	Collection Date	Analysis Date
VOCs EP001	09/14/2023	09/19/2023
SOCs EP001	09/14/2023	09/22/2023
Pesticides EP001	09/14/2023	10/03/2023
All Metals EP001	09/14/2023	09/15-09/25/2023
All Minerals EP001	09/14/2023	09/15-09/21/2023
Single Mineral - Cyanide EP001	09/14/2023	09/22/2023
VOCs EP001	12/12/2023	12/14/2023
Distribution System Analysis Type	**Collection Date**	**Analysis Date**
Q1 Trihalomethanes (TTHM) DBP2-01	01/24/2023	02/04/2023
Q1 Haloacetic Acids (HAA5) DBP2-01	01/24/2023	02/05/2023
Q1 Trihalomethanes (TTHM) DBP2-02	01/24/2023	02/04/2023
Q1 Haloacetic Acids (HAA5) DBP2-02	01/24/2023	02/05/2023
Q2 Trihalomethanes (TTHM) DBP2-01	06/14/2023	06/20/2023
Q2 Haloacetic Acids (HAA5) DBP2-01	06/14/2023	06/22/2023
Q2 Trihalomethanes (TTHM) DBP2-02	06/14/2023	06/20/2023
Q2 Haloacetic Acids (HAA5) DBP2-02	06/14/2023	06/23/2023
Q3 Trihalomethanes (TTHM) DBP2-01	09/14/2023	09/18/2023
Q3 Haloacetic Acids (HAA5) DBP2-01	09/14/2023	09/26/2023
Q3 Trihalomethanes (TTHM) DBP2-02	09/14/2023	09/18/2023
Q3 Haloacetic Acids (HAA5) DBP2-02	09/14/2023	09/26/23
Q4 Trihalomethanes (TTHM) DBP2-01	10/11/2023	10/17/2023
Q4 Haloacetic Acids (HAA5) DBP2-01	10/11/2023	10/24/2023
Q4 Trihalomethanes (TTHM) DBP2-02	10/11/2023	10/17/2023
Q4 Haloacetic Acids (HAA5) DBP2-02	10/11/2023	10/24/2023

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Volatile Organic Compounds by GC/MS
Analysis Report

Submitter Identification Number: 0470015

INDEX

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

Date Reported : 10/26/2023
Report ID# : 20231026091810AG56282

Lab Sample ID# : AG56282
Sample Priority : NORMAL
TCEQ ID#(s) : 2306899

Water Source :
Entry Point(s) : EP001

Date Collected : 09/14/2023 11:10
Date Received : 09/15/2023
Date Analyzed : 09/19/2023

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

Regulated Cmpds.[40 CFR 141.61(a)]	Result	Qualifier
Benzene [1]	<0.5	
Carbon tetrachloride [1]	<0.5	
Monochlorobenzene [1]	<0.5	
o-Dichlorobenzene [1]	<0.5	
para-Dichlorobenzene [1]	<0.5	
1,2-Dichloroethane [1]	<0.5	
1,1-Dichloroethylene [1]	<0.5	
cis-1,2-Dichloroethylene [1]	<0.5	
trans-1,2-Dichloroethylene [1]	<0.5	
1,2-Dichloropropane [1]	<0.5	
Dichloromethane [1]	<0.5	
Ethylbenzene [1]	<0.5	
Styrene [1]	<0.5	
Tetrachloroethylene [1]	<0.5	
Toluene [1]	**0.7**	N
1,2,4-Trichlorobenzene [1]	<0.5	
1,1,1-Trichloroethane [1]	<0.5	
1,1,2-Trichloroethane [1]	<0.5	
Trichloroethylene [1]	<0.5	
Vinyl chloride [1]	<0.5	
Xylenes (total) [1]	<0.5	

Monitored Cmpds.[40 CFR 141.40(e)]	Result	Qualifier
Chloroform	**3.5**	
Bromodichloromethane	**9.9**	
Dibromochloromethane	**18**	
Bromoform	**20**	
Dibromomethane	<1.0	
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	

Monitored Cmpds.[40 CFR 141.40(j)]	Result	Qualifier
1,2,4-Trimethylbenzene	<1.0	
1,2,3-Trichlorobenzene	<1.0	
n-Propylbenzene	<1.0	
n-Butylbenzene	<1.0	
Naphthalene	<1.0	
Hexachlorobutadiene	<1.0	
1,3,5-Trimethylbenzene	<1.0	
4-Isopropyltoluene	<1.0	
Isopropylbenzene	<1.0	
t-Butylbenzene	<1.0	
s-Butylbenzene	<1.0	
Trichlorofluoromethane	<2.0	
Dichlorodifluoromethane	<2.0	
Bromochloromethane	<1.0	

Other Compounds	Result	Qualifier
Acetone	<10	F
Acrylonitrile	<10	
2-Butanone (MEK)	<10	
Carbon disulfide	<1.0	
Ethyl methacrylate	<1.0	
2-Hexanone	<1.0	
Iodomethane	<5.0	
Methyl methacrylate	<1.0	
4-Methyl-2-pentanone (MIBK)	<2.0	
Methyl-t-butyl ether (MTBE)	<0.5	
Tetrahydrofuran	<5.0	

Comments:

N - See sample comments.
F - Target analyte detected in associated field blank at or above minimum reporting level.

EPA Method 524.2: Presence of Toluene confirmed by analysis of the sample B vial. 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 (2016 Standard) requirements.

Authorized by Team Lead CJONES on 10/24/2023

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Semivolatiles Organic Analysis Report

Submitter Identification Number: 0470015

INDEX

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

Date Reported : 10/31/2023
Report ID# : 20231031091022AG56429

Lab Sample ID# : AG56429
Sample Priority : NORMAL
TCEQ ID#(s) : 2309451

Water Source :
Entry Point(s) : EP001

Date Collected : 09/14/2023 11:10
Date Received : 09/15/2023
Date Analyzed : 09/22/2023
Extraction Date : 09/21/2023

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

Regulated Compounds	Result	Qualifier
Alachlor [1]	<0.2	
Atrazine [1]	**0.15**	N
Benzo[a]pyrene [1]	<0.02	
alpha-Chlordane	<0.2	
gamma-Chlordane	<0.2	
trans-Nonachlor	<0.2	
Di(2-ethylhexyl) adipate [1]	<0.6	
Di(2-ethylhexyl) phthalate [1]	<0.6	
Heptachlor [1]	<0.04	
Hexachlorobenzene [1]	<0.1	
Hexachlorocyclopentadiene [1]	<0.1	*L
Lindane [1]	<0.02	
Methoxychlor [1]	<0.1	
Simazine [1]	<0.07	

Monitored Compounds	Result	Qualifier
Acenaphthene	<0.20	
Acenaphthylene	<0.20	
Aldrin	<0.20	*
Anthracene	<0.20	
Benzo(a)anthracene	<0.20	
Benzo[b]fluoranthene	<0.20	
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	

Monitored Compounds continued	Result	Qualifier
Dimethylphthalate	<2.0	
Fluorene	<0.20	
2,2',3,3',4,4',6-Heptachlorobiphenyl	<0.50	
2,2',4,4',5,6'-Hexachlorobiphenyl	<0.20	
Indeno[1,2,3-cd]pyrene	<0.20	
Metolachlor	<0.20	
Metribuzin	<0.20	
Naphthalene	<0.20	
2,2',3,3',4,5',6,6'-Octachlorobiphenyl	<0.50	
2,2',3',4,6-Pentachlorobiphenyl	<0.20	
Phenanthrene	<0.20	
Propachlor	<0.20	
Pyrene	<0.20	
2,2',4,4'-Tetrachlorobiphenyl	<0.20	
2,4,5-Trichlorobiphenyl	<0.20	
Trifluralin	<0.20	

Tentatively Identified Compounds	Result	Qualifier
HEXADECANOIC ACID	**7.0**	
OCTADECANOIC ACID	**8.4**	

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.

Comments:

N - See sample comments.
* - This analyte has known instability and/or method performance issues and quantitation should be considered approximate.
L - The associated laboratory fortified blank spike (and/or its duplicate) recovery was below method acceptance limits.

EPA method 525.2-Benzo(a)pyrene was above Relative Error acceptance limits in low calibration point. Minimum Reporting Level Check was acceptable. Presence of Atrazine confirmed by previous analyses per the Texas Drinking Water Watch website. 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 (2016 Standard) requirements.

TEXAS Department of State Health Services

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Pesticides by Method 508.1
Analysis Report

INDEX

Submitter Identification Number: 0470015

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

Date Reported : 10/31/2023
Report ID# : 20231031091022AG56429

Lab Sample ID# : AG56429
Sample Priority : NORMAL
TCEQ ID#(s) : 2309451

Water Source :
Entry Point(s) : EP001

Date Collected : 09/14/2023 11:10
Date Received : 09/15/2023
Date Analyzed : 10/03/2023

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

Regulated Compounds	Result	Qualifier
Chlordane [1]	<0.2	
Endrin [1]	<0.01	
Heptachlor epoxide [1]	<0.02	
Toxaphene [1]	<1.	

Screened Compounds	Result	Qualifier
Aroclor 1016 [2]	<0.08	
Aroclor 1221 [2]	<20.	
Aroclor 1232 [2]	<0.5	
Aroclor 1242 [2]	<0.3	
Aroclor 1248 [2]	<0.1	
Aroclor 1254 [2]	<0.1	
Aroclor 1260 [2]	<0.2	

Comments:

EPA method 525.2-Benzo(a)pyrene was above Relative Error acceptance limits in low calibration point. Minimum Reporting Level Check was acceptable. Presence of Atrazine confirmed by previous analyses per the Texas Drinking Water Watch website. 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 (2016 Standard) requirements. The test results for analytes noted([2]) meet all TNI (2016 Standard) requirements for Aroclor Identification. Aroclor quantitation is not accredited.

Authorized by Group Manager AVINYARD on 10/27/2023

TEXAS Department of State Health Services

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*ALL METALS
Analysis Report

Submitter Identification Number: 0470015

INDEX

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

Date Reported : 10/03/2023
Report ID# : 20231003090630AG56187

Lab Sample ID# : AG56187
Sample Priority : NORMAL
TCEQ ID#(s) : 2314086

Water Source :
Entry Point(s) : EP001

Date Collected : 09/14/2023 11:10
Date Received : 09/15/2023

Sample Cond. : Acceptable

Analyte	Result	Unit	Method	Date/Time Analyzed	Analyst
Acidification	Completed		EPA 200.2	09/15/2023	TH
pH Check	Completed		EPA 200.2	09/18/2023	BF
Turbidity Screen	Completed		SM 2130B	09/18/2023	BF
Visible Particles	Completed			09/18/2023	BF
Total Hardness as CaCO3 by Calculation	**168**	mg/L	SM 2340B	09/20/2023	TH
Aluminum [1]	< 0.0200	mg/L	EPA 200.8	09/20/2023	KL
Antimony [1]	< 0.0010	mg/L	EPA 200.8	09/20/2023	KL
Arsenic [1]	**0.0024**	mg/L	EPA 200.8	09/20/2023	KL
Barium [1]	**0.113**	mg/L	EPA 200.8	09/20/2023	KL
Beryllium [1]	< 0.00080	mg/L	EPA 200.8	09/20/2023	KL
Cadmium [1]	< 0.0010	mg/L	EPA 200.8	09/20/2023	KL
Calcium	**33.1**	mg/L	EPA 200.7	09/20/2023	TH
Chromium [1]	< 0.0100	mg/L	EPA 200.8	09/20/2023	KL
Copper [1]	**0.0091**	mg/L	EPA 200.8	09/20/2023	KL
Iron [1]	< 0.010	mg/L	EPA 200.7	09/20/2023	TH
Lead [1]	< 0.0010	mg/L	EPA 200.8	09/20/2023	KL
Magnesium [1]	**20.7**	mg/L	EPA 200.7	09/20/2023	TH
Manganese [1]	**0.0189**	mg/L	EPA 200.8	09/20/2023	KL
Mercury [1]	< 0.00040	mg/L	EPA 245.1	09/25/2023	BF
Nickel [1]	**0.0011**	mg/L	EPA 200.8	09/20/2023	KL
Potassium [1]	**14.4**	mg/L	EPA 200.7	09/20/2023	TH
Selenium [1]	**0.0041**	mg/L	EPA 200.8	09/20/2023	KL
Silver [1]	< 0.0100	mg/L	EPA 200.8	09/20/2023	KL
Sodium [1]	**72.4**	mg/L	EPA 200.7	09/20/2023	TH
Thallium [1]	< 0.00040	mg/L	EPA 200.8	09/20/2023	KL
Zinc [1]	**0.0076**	mg/L	EPA 200.8	09/20/2023	KL

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 (2016 Standard) requirements.

Authorized by Group Manager HNGO on 10/03/2023

TEXAS Department of State Health Services

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*ALL MINERALS
Analysis Report

Submitter Identification Number: 0470015

INDEX

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

Date Reported : 10/03/2023
Report ID# : 20231003090630AG56148

Lab Sample ID# : AG56148
Sample Priority : NORMAL
TCEQ ID#(s) : 2316886

Water Source :
Entry Point(s) : EP001

Date Collected : 09/14/2023 11:10
Date Received : 09/15/2023

Sample Cond. : Acceptable

Analyte	Result	Unit	Method	Date/Time Analyzed	Analyst
Field pH Result	7.3	pH			
Conductance @ 25.0 °C [1]	**778**	µmho/cm	SM 2510 B	09/19/2023 13:06	FL
Phenolphthalein Alkalinity as CaCO3	<10	mg/L	SM 2320B	09/21/2023 08:23	FL
Total Alkalinity as CaCO3	**73**	mg/L	SM 2320B	09/21/2023 08:23	FL
Bicarbonate	**89**	mg/L	SM 2320B	09/21/2023 08:23	FL
Carbonate	<10	mg/L	SM 2320B	09/21/2023 08:23	FL
Fluoride [1]	**0.21**	mg/L	EPA 300.0	09/15/2023 16:13	NP
Chloride [1]	**152**	mg/L	EPA 300.0	09/20/2023 13:03	NP
Sulfate [1]	**60**	mg/L	EPA 300.0	09/15/2023 16:13	NP
Total Dissolved Solids [1]	**423**	mg/L	SM 2540C	09/15/2023 11:30	DB
Nitrate as N [1]	**0.22**	mg/L	EPA 353.2	09/15/2023 14:29	MD

Comments:

TDS/Conductivity ratio is outside the acceptance range of 0.55 to 0.70. TDS/Conductivity ratio was confirmed by second analysis. 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 (2016 Standard) requirements.

Authorized by Team Lead NPATEL on 09/28/2023

TEXAS Department of State Health Services

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*SINGLE MINERAL
Analysis Report

Submitter Identification Number: 0470015

INDEX

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

Date Reported : 09/28/2023
Report ID# : 20230928092352AG56175

Lab Sample ID# : AG56175
Sample Priority : NORMAL
TCEQ ID#(s) : 2331017

Water Source :
Entry Point(s) : EP001

Date Collected : 09/14/2023 11:10
Date Received : 09/15/2023

Sample Cond. : Acceptable

Analyte	Result	Unit	Method	Date/Time Analyzed	Analyst
Total Cyanide [1]	< 0.01	mg/L	10-204-00-1-X	09/22/2023 11:19	ME

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 (2016 Standard) requirements.

Authorized by Team Lead NPATEL on 09/27/2023

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Volatile Organic Compounds by GC/MS
Analysis Report

Submitter Identification Number: 0470015

INDEX

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

Date Reported : 01/09/2024
Report ID# : 20240109084604AG66337

Lab Sample ID# : AG66337
Sample Priority : NORMAL
TCEQ ID#(s) : 2364885

Water Source :
Entry Point(s) : EP001

Date Collected : 12/12/2023 10:54
Date Received : 12/13/2023
Date Analyzed : 12/14/2023

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

Regulated Cmpds.[40 CFR 141.61(a)]	Result	Qualifier
Benzene [1]	<0.5	
Carbon tetrachloride [1]	<0.5	
Monochlorobenzene [1]	<0.5	
o-Dichlorobenzene [1]	<0.5	
para-Dichlorobenzene [1]	<0.5	
1,2-Dichloroethane [1]	<0.5	
1,1-Dichloroethylene [1]	<0.5	
cis-1,2-Dichloroethylene [1]	<0.5	
trans-1,2-Dichloroethylene [1]	<0.5	
1,2-Dichloropropane [1]	<0.5	
Dichloromethane [1]	<0.5	
Ethylbenzene [1]	<0.5	
Styrene [1]	<0.5	
Tetrachloroethylene [1]	<0.5	
Toluene [1]	<0.5	
1,2,4-Trichlorobenzene [1]	<0.5	
1,1,1-Trichloroethane [1]	<0.5	
1,1,2-Trichloroethane [1]	<0.5	
Trichloroethylene [1]	<0.5	
Vinyl chloride [1]	<0.5	
Xylenes (total) [1]	<0.5	

Monitored Cmpds.[40 CFR 141.40(e)]	Result	Qualifier
Chloroform	2.7	
Bromodichloromethane	8.8	
Dibromochloromethane	13	
Bromoform	12	
Dibromomethane	<1.0	
1,3-Dichlorobenzene	<1.0	
1,1-Dichloropropene	<1.0	
1,1-Dichloroethane	<1.0	
1,1,2,2-Tetrachloroethane	<1.0	G
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	

Monitored Cmpds.[40 CFR 141.40(j)]	Result	Qualifier
1,2,4-Trimethylbenzene	<1.0	
1,2,3-Trichlorobenzene	<1.0	
n-Propylbenzene	<1.0	
n-Butylbenzene	<1.0	
Naphthalene	<1.0	
Hexachlorobutadiene	<1.0	
1,3,5-Trimethylbenzene	<1.0	
4-Isopropyltoluene	<1.0	
Isopropylbenzene	<1.0	
t-Butylbenzene	<1.0	
s-Butylbenzene	<1.0	
Trichlorofluoromethane	<2.0	
Dichlorodifluoromethane	<2.0	
Bromochloromethane	<1.0	

Other Compounds	Result	Qualifier
Acetone	<10	
Acrylonitrile	<10	
2-Butanone (MEK)	<10	
Carbon disulfide	<1.0	
Ethyl methacrylate	<1.0	
2-Hexanone	<1.0	
Iodomethane	<5.0	
Methyl methacrylate	<1.0	
4-Methyl-2-pentanone (MIBK)	<2.0	
Methyl-t-butyl ether (MTBE)	<0.5	
Tetrahydrofuran	<5.0	

Comments:

G - CCV/LFB recovery was below method acceptance limits.

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 (2016 Standard) requirements.

Authorized by Team Lead CJONES on 01/04/2024

TEXAS Department of State Health Services

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Trihalomethanes by GC/MS
Analysis Report

Submitter Identification Number: 0470015

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

Date Reported : 03/07/2023
Report ID# : 20230307112728AG25988

Lab Sample ID# : AG25988
Sample Priority : NORMAL
TCEQ ID#(s) : 2346169

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

Date Collected : 01/24/2023 11:18
Date Received : 01/25/2023
Date Analyzed : 02/04/2023

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

Trihalomethanes	Result	Qualifier
Chloroform	**5.0**	
Bromodichloromethane	**12.7**	
Dibromochloromethane	**21.8**	
Bromoform	**23.8**	
Total Trihalomethanes [1]	**63.3**	

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 (2016 Standard) requirements.

Authorized by Group Manager TDUNN on 03/01/2023

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EPA 552.2 Haloacetic Acids
Analysis Report

Submitter Identification Number: 0470015

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

Date Reported : 03/07/2023
Report ID# : 20230307112728AG25988

Lab Sample ID# : AG25988
Sample Priority : NORMAL
TCEQ ID#(s) : 2346169

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

Date Collected : 01/24/2023 11:18
Date Received : 01/25/2023
Date Analyzed : 02/05/2023
Extraction Date : 02/03/2023

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

Regulated Compounds	Result	Qualifier
Monochloroacetic acid	**4.2**	
Dichloroacetic acid	**6.5**	
Trichloroacetic acid	**1.5**	
Monobromoacetic acid	**5.8**	
Dibromoacetic acid	**13.2**	
Total HAA5 [1]	**31.2**	

Monitored Compounds	Result	Qualifier
Bromochloroacetic acid	**10.4**	
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 (2016 Standard) requirements.

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Trihalomethanes by GC/MS
Analysis Report

Submitter Identification Number: 0470015

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

Date Reported : 03/07/2023
Report ID# : 20230307112728AG25993

Lab Sample ID# : AG25993
Sample Priority : NORMAL
TCEQ ID#(s) : 2346170

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

Date Collected : 01/24/2023 11:56
Date Received : 01/25/2023
Date Analyzed : 02/04/2023

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

Trihalomethanes	Result	Qualifier
Chloroform	**3.6**	
Bromodichloromethane	**11.0**	
Dibromochloromethane	**18.3**	
Bromoform	**18.0**	
Total Trihalomethanes [1]	**50.9**	

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 (2016 Standard) requirements.

Authorized by Group Manager TDUNN on 03/01/2023

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

Date Reported : 03/07/2023
Report ID# : 20230307112728AG25993

Lab Sample ID# : AG25993
Sample Priority : NORMAL
TCEQ ID#(s) : 2346170

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

Date Collected : 01/24/2023 11:56
Date Received : 01/25/2023
Date Analyzed : 02/05/2023
Extraction Date : 02/03/2023

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

Regulated Compounds	Result	Qualifier
Monochloroacetic acid	**3.6**	
Dichloroacetic acid	**5.8**	
Trichloroacetic acid	**1.4**	
Monobromoacetic acid	**5.0**	
Dibromoacetic acid	**12.0**	
Total HAA5 [1]	**27.8**	

Monitored Compounds	Result	Qualifier
Bromochloroacetic acid	**9.2**	
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 (2016 Standard) requirements.

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

Date Reported : 08/03/2023
Report ID# : 20230803111510AG44459

Lab Sample ID# : AG44459
Sample Priority : NORMAL
TCEQ ID#(s) : 2349650

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

Date Collected : 06/14/2023 12:02
Date Received : 06/15/2023
Date Analyzed : 06/20/2023

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

Trihalomethanes	Result	Qualifier
Chloroform	**4.5**	
Bromodichloromethane	**15.0**	
Dibromochloromethane	**26.0**	
Bromoform	**35.8**	
Total Trihalomethanes [1]	**81.3**	

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 (2016 Standard) requirements.

Authorized by Branch Manager TDUNN on 08/01/2023

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EPA 552.2 Haloacetic Acids
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Submitter Identification Number: 0470015

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

Date Reported : 08/03/2023
Report ID# : 20230803111510AG44459

Lab Sample ID# : AG44459
Sample Priority : NORMAL
TCEQ ID#(s) : 2349650

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

Date Collected : 06/14/2023 12:02
Date Received : 06/15/2023
Date Analyzed : 06/22/2023
Extraction Date : 06/21/2023

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

Regulated Compounds	Result	Qualifier
Monochloroacetic acid	<2.0	
Dichloroacetic acid	**6.6**	
Trichloroacetic acid	**1.0**	
Monobromoacetic acid	<1.0	
Dibromoacetic acid	**13.9**	
Total HAA5 [1]	**21.5**	

Monitored Compounds	Result	Qualifier
Bromochloroacetic acid	**9.9**	
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 (2016 Standard) requirements.

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Trihalomethanes by GC/MS
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Submitter Identification Number: 0470015

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

Date Reported : 08/03/2023
Report ID# : 20230803111510AG44464

Lab Sample ID# : AG44464
Sample Priority : NORMAL
TCEQ ID#(s) : 2349651

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

Date Collected : 06/14/2023 12:43
Date Received : 06/15/2023
Date Analyzed : 06/20/2023

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

Trihalomethanes	Result	Qualifier
Chloroform	**5.3**	
Bromodichloromethane	**17.9**	
Dibromochloromethane	**31.4**	
Bromoform	**44.5**	
Total Trihalomethanes [1]	**99.1**	

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 (2016 Standard) requirements.

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EPA 552.2 Haloacetic Acids
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Submitter Identification Number: 0470015

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

Date Reported : 08/03/2023
Report ID# : 20230803111510AG44464

Lab Sample ID# : AG44464
Sample Priority : NORMAL
TCEQ ID#(s) : 2349651

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

Date Collected : 06/14/2023 12:43
Date Received : 06/15/2023
Date Analyzed : 06/23/2023
Extraction Date : 06/21/2023

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

Regulated Compounds	Result	Qualifier
Monochloroacetic acid	**2.4**	
Dichloroacetic acid	**8.5**	
Trichloroacetic acid	**1.9**	
Monobromoacetic acid	<1.0	
Dibromoacetic acid	**16.2**	
Total HAA5 [1]	**29.0**	

Monitored Compounds	Result	Qualifier
Bromochloroacetic acid	**12.3**	
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 (2016 Standard) requirements.

Authorized by Branch Manager TDUNN on 08/01/2023

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Trihalomethanes by GC/MS
Analysis Report

Submitter Identification Number: 0470015

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LACY, GARY, D
2250 HIGHWAY 2861
COMANCHE, TX 76442-5619

Date Reported : 10/19/2023
Report ID# : 20231019090218AG56205

Lab Sample ID# : AG56205
Sample Priority : NORMAL
TCEQ ID#(s) : 2355251

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

Date Collected : 09/14/2023 11:43
Date Received : 09/15/2023
Date Analyzed : 09/18/2023

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

Trihalomethanes	Result	Qualifier
Chloroform	**4.4**	
Bromodichloromethane	**14.9**	
Dibromochloromethane	**29.2**	
Bromoform	**42.3**	
Total Trihalomethanes [1]	**90.8**	

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 (2016 Standard) requirements.

Authorized by Branch Manager TDUNN on 10/18/2023

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EPA 552.2 Haloacetic Acids
Analysis Report

Submitter Identification Number: 0470015

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

Date Reported : 10/19/2023
Report ID# : 20231019090218AG56205

Lab Sample ID# : AG56205
Sample Priority : NORMAL
TCEQ ID#(s) : 2355251

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

Date Collected : 09/14/2023 11:43
Date Received : 09/15/2023
Date Analyzed : 09/26/2023
Extraction Date : 09/22/2023

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

Regulated Compounds	Result	Qualifier
Monochloroacetic acid	<2.0	
Dichloroacetic acid	**10.4**	
Trichloroacetic acid	**2.0**	
Monobromoacetic acid	<1.0	
Dibromoacetic acid	**19.7**	
Total HAA5 [1]	**32.1**	

Monitored Compounds	Result	Qualifier
Bromochloroacetic acid	**14.7**	
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 (2016 Standard) requirements.

Authorized by Branch Manager TDUNN on 10/18/2023

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Trihalomethanes by GC/MS
Analysis Report

Submitter Identification Number: 0470015

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

Date Reported : 10/19/2023
Report ID# : 20231019090218AG56206

Lab Sample ID# : AG56206
Sample Priority : NORMAL
TCEQ ID#(s) : 2355252

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

Date Collected : 09/14/2023 10:25
Date Received : 09/15/2023
Date Analyzed : 09/18/2023

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

Trihalomethanes	Result	Qualifier
Chloroform	**5.5**	
Bromodichloromethane	**15.5**	
Dibromochloromethane	**29.6**	
Bromoform	**45.5**	
Total Trihalomethanes [1]	**96.1**	

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 (2016 Standard) requirements.

Authorized by Branch Manager TDUNN on 10/18/2023

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EPA 552.2 Haloacetic Acids
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Submitter Identification Number: 0470015

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

Date Reported : 10/19/2023
Report ID# : 20231019090218AG56206

Lab Sample ID# : AG56206
Sample Priority : NORMAL
TCEQ ID#(s) : 2355252

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

Date Collected : 09/14/2023 10:25
Date Received : 09/15/2023
Date Analyzed : 09/26/2023
Extraction Date : 09/22/2023

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

Regulated Compounds	Result	Qualifier
Monochloroacetic acid	<2.0	
Dichloroacetic acid	**10.4**	
Trichloroacetic acid	**2.0**	
Monobromoacetic acid	<1.0	
Dibromoacetic acid	**19.8**	
Total HAA5 [1]	**32.2**	

Monitored Compounds	Result	Qualifier
Bromochloroacetic acid	**14.7**	
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 (2016 Standard) requirements.

Authorized by Branch Manager TDUNN on 10/18/2023

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Analysis Report

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

INDEX

Date Reported : 11/28/2023
Report ID# : 20231128082808AG59403

Lab Sample ID# : AG59403
Sample Priority : NORMAL
TCEQ ID#(s) : 2358731

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

Date Collected : 10/11/2023 11:07
Date Received : 10/12/2023
Date Analyzed : 10/17/2023

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

Trihalomethanes	Result	Qualifier
Chloroform	**5.0**	
Bromodichloromethane	**14.9**	
Dibromochloromethane	**30.8**	
Bromoform	**48.0**	
Total Trihalomethanes [1]	**98.7**	

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 (2016 Standard) requirements.

Authorized by Team Lead AMIERTSCH on 11/22/2023

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EPA 552.2 Haloacetic Acids
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Submitter Identification Number: 0470015

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

Date Reported : 11/28/2023
Report ID# : 20231128082808AG59403

Lab Sample ID# : AG59403
Sample Priority : NORMAL
TCEQ ID#(s) : 2358731

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

Date Collected : 10/11/2023 11:07
Date Received : 10/12/2023
Date Analyzed : 10/24/2023
Extraction Date : 10/19/2023

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

Regulated Compounds	Result	Qualifier
Monochloroacetic acid	<2.0	
Dichloroacetic acid	**11.2**	
Trichloroacetic acid	**1.5**	
Monobromoacetic acid	**1.5**	
Dibromoacetic acid	**20.8**	
Total HAA5 [1]	**35.0**	

Monitored Compounds	Result	Qualifier
Bromochloroacetic acid	**14.2**	
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 (2016 Standard) requirements.

Authorized by Team Lead AMIERTSCH on 11/22/2023

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Trihalomethanes by GC/MS
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Submitter Identification Number: 0470015

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

Date Reported : 11/28/2023
Report ID# : 20231128082808AG59411

Lab Sample ID# : AG59411
Sample Priority : NORMAL
TCEQ ID#(s) : 2358732

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

Date Collected : 10/11/2023 10:25
Date Received : 10/12/2023
Date Analyzed : 10/17/2023

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

Trihalomethanes	Result	Qualifier
Chloroform	**5.2**	
Bromodichloromethane	**15.5**	
Dibromochloromethane	**29.8**	
Bromoform	**43.5**	
Total Trihalomethanes [1]	**94.0**	

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 (2016 Standard) requirements.

Authorized by Team Lead AMIERTSCH on 11/22/2023

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EPA 552.2 Haloacetic Acids
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Submitter Identification Number: 0470015

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

Date Reported : 11/28/2023
Report ID# : 20231128082808AG59411

Lab Sample ID# : AG59411
Sample Priority : NORMAL
TCEQ ID#(s) : 2358732

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

Date Collected : 10/11/2023 10:25
Date Received : 10/12/2023
Date Analyzed : 10/24/2023
Extraction Date : 10/19/2023

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

Regulated Compounds	Result	Qualifier
Monochloroacetic acid	<2.0	
Dichloroacetic acid	**10.2**	
Trichloroacetic acid	**1.3**	
Monobromoacetic acid	**1.4**	
Dibromoacetic acid	**18.1**	
Total HAA5 [1]	**31.0**	

Monitored Compounds	Result	Qualifier
Bromochloroacetic acid	**12.7**	
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 (2016 Standard) requirements.

Authorized by Team Lead AMIERTSCH on 11/22/2023