

2024 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
All Metals EP001	02/14/2024	02/15-02/23/2024
Single Mineral - Cyanide EP001	02/14/2024	02/22/2024
All Minerals EP001	02/14/2024	02/15-02/21/2024
VOCs EP001	02/14/2024	02/20/2024
Pesticides EP001	02/14/2024	03/11/2024
SOCs EP001	02/14/2024	03/07/2024
VOCs EP001	4/11/2024	4/16/2024
Radionuclides – Other EP001	02/14/2024	05/28/2024
Radionuclides - Uranium EP001	02/14/2024	02/22/24 Reported 6/25
Distribution System Analysis Type	Collection Date	Analysis Date
Q1 Trihalomethanes (TTHM) DBP2-01	02/14/2024	02/16/2024
Q1 Haloacetic Acids (HAA5) DBP2-01	02/14/2024	02/28/2024
Q1 Trihalomethanes (TTHM) DBP2-02	02/14/2024	02/16/2024
Q1 Haloacetic Acids (HAA5) DBP2-02	02/14/2024	02/28/2024
Q2 Trihalomethanes (TTHM) DBP2-01	04/11/2024	04/17/2024
Q2 Haloacetic Acids (HAA5) DBP2-01	04/11/2024	04/28/2024
Q2 Trihalomethanes (TTHM) DBP2-02	04/11/2024	04/16/2024
Q2 Haloacetic Acids (HAA5) DBP2-02	04/11/2024	04/27/2024



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*ALL METALS Analysis Report

Submitter Identification Number: 0470015

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

Date Reported : 02/29/2024

Report ID#: 20240229084440AG72935

Lab Sample ID# : AG72935
Sample Priority : NORMAL
TCEQ ID#(s) : 2415344

Water Source :
Entry Point(s) : EP001

Date Collected : 02/14/2024 13:56
Date Received : 02/15/2024

Sample Cond. : Acceptable

Analyte	Result	Unit	Method	Date/Time Analyzed	Analyst
Acidification	Completed		EPA 200.2	02/15/2024	TH
pH Check	Completed		EPA 200.2	02/16/2024	BF
Turbidity Screen	Completed		SM 2130B	02/16/2024	BF
Visible Particles	Completed			02/16/2024	BF
Total Hardness as CaCO3 by Calculation	203	mg/L	SM 2340B	02/20/2024	TH
Aluminum ¹	< 0.0200	mg/L	EPA 200.8	02/23/2024	KL
Antimony ¹	< 0.0010	mg/L	EPA 200.8	02/23/2024	KL
Arsenic ¹	0.0023	mg/L	EPA 200.8	02/23/2024	KL
Barium ¹	0.123	mg/L	EPA 200.8	02/23/2024	KL
Beryllium ¹	< 0.00080	mg/L	EPA 200.8	02/23/2024	KL
Cadmium ¹	< 0.0010	mg/L	EPA 200.8	02/23/2024	KL
Calcium	46.0	mg/L	EPA 200.7	02/20/2024	TH
Chromium ¹	< 0.0100	mg/L	EPA 200.8	02/23/2024	KL
Copper ¹	0.0048	mg/L	EPA 200.8	02/23/2024	KL
Iron ¹	< 0.010	mg/L	EPA 200.7	02/20/2024	TH
Lead ¹	< 0.0010	mg/L	EPA 200.8	02/23/2024	KL
Magnesium ¹	21.5	mg/L	EPA 200.7	02/20/2024	TH
Manganese ¹	0.0139	mg/L	EPA 200.8	02/23/2024	KL
Mercury ¹	< 0.00040	mg/L	EPA 245.1	02/20/2024	BF
Nickel ¹	0.0014	mg/L	EPA 200.8	02/23/2024	KL
Potassium ¹	12.8	mg/L	EPA 200.7	02/20/2024	TH
Selenium ¹	0.0041	mg/L	EPA 200.8	02/23/2024	KL
Silver ¹	< 0.0100	mg/L	EPA 200.8	02/23/2024	KL
Sodium ¹	64.7	mg/L	EPA 200.7	02/20/2024	TH
Thallium ¹	< 0.00040	mg/L	EPA 200.8	02/23/2024	KL
Zinc ¹	< 0.0050	mg/L	EPA 200.8	02/23/2024	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 02/29/2024



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*SINGLE MINERAL Analysis Report

Submitter Identification Number: 0470015

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

Date Reported : 02/29/2024
Report ID# : 20240229084440AG72926

Lab Sample ID# : AG72926
Sample Priority : NORMAL
TCEQ ID#(s) : 2427337

Water Source :
Entry Point(s) : EP001

Date Collected : 02/14/2024 13:56
Date Received : 02/15/2024

Sample Cond. : Acceptable

Analyte	Result	Unit	Method	Date/Time Analyzed	Analyst
Total Cyanide ¹	0.02	mg/L	10-204-00-1-X	02/22/2024 12:00	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 02/27/2024



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*ALL MINERALS Analysis Report

Submitter Identification Number: 0470015

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

Date Reported : 02/29/2024
Report ID# : 20240229084440AG72910

Lab Sample ID# : AG72910
Sample Priority : NORMAL
TCEQ ID#(s) : 2417999

Water Source :
Entry Point(s) : EP001

Date Collected : 02/14/2024 13:56
Date Received : 02/15/2024

Sample Cond. : Acceptable

Analyte	Result	Unit	Method	Date/Time Analyzed	Analyst
Field pH Result	7.6	pH			
Conductance @ 25.0 °C ¹	806	µmho/cm	SM 2510 B	02/20/2024 15:11	DB
Phenolphthalein Alkalinity as CaCO ₃	<10	mg/L	SM 2320B	02/15/2024 15:21	NP
Total Alkalinity as CaCO ₃	98	mg/L	SM 2320B	02/15/2024 15:21	NP
Bicarbonate	120	mg/L	SM 2320B	02/15/2024 15:21	NP
Carbonate	<10	mg/L	SM 2320B	02/15/2024 15:21	NP
Fluoride ¹	0.17	mg/L	EPA 300.0	02/15/2024 15:49	NP
Chloride ¹	140	mg/L	EPA 300.0	02/21/2024 12:20	NP
Sulfate ¹	77	mg/L	EPA 300.0	02/21/2024 12:20	NP
Total Dissolved Solids ¹	476	mg/L	SM 2540C	02/15/2024 12:05	DB
Nitrate as N ¹	0.07	mg/L	EPA 353.2	02/15/2024 14:17	AD

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 (2016 Standard) requirements.

Authorized by Team Lead NPATEL on 02/27/2024



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Volatile Organic Compounds by GC/MS
 Analysis Report

Submitter Identification Number: 0470015

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

Date Reported : 03/12/2024
 Report ID# : 20240312085900AG73071

Lab Sample ID# : AG73071 Water Source : Date Collected : 02/14/2024 13:55 Conc. Units : µg/L
 Sample Priority : NORMAL Entry Point(s) : EP001 Date Received : 02/15/2024 Method : EPA 524.2
 TCEQ ID#(s) : 2400172 Date Analyzed : 02/20/2024 Analyst : AK
 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	0.8	N	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	2.5		Methyl methacrylate	<1.0	
Bromodichloromethane	7.2		4-Methyl-2-pentanone (MIBK)	<2.0	
Dibromochloromethane	11		Methyl-t-butyl ether (MTBE)	<0.5	
Bromoform	8.5		Tetrahydrofuran	<5.0	
Dibromomethane	<1.0		Comments:		
1,3-Dichlorobenzene	<1.0		N - See sample comments.		
1,1-Dichloropropene	<1.0		EPA Method 524.2: Presence of Toluene confirmed by		
1,1-Dichloroethane	<1.0		previous analyses per the Texas Drinking Water Watch		
1,1,2,2-Tetrachloroethane	<1.0		website. The test results on this report relate only to the		
1,3-Dichloropropane	<1.0		sample identified on this report. The test results for analytes		
Chloromethane	<2.0		noted(1) meet all TNI (2016 Standard) requirements.		
Bromomethane	<2.0		Authorized by Team Lead CJONES on 03/07/2024		
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				



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LABORATORY SERVICES SECTION, MC-1947
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Pesticides by Method 508.1 Analysis Report

Submitter Identification Number: 0470015

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

Date Reported : 03/26/2024
Report ID# : 20240326090947AG73150

Lab Sample ID# : AG73150
Sample Priority : NORMAL
TCEQ ID#(s) : 2408421

Water Source :
Entry Point(s) : EP001

Date Collected : 02/14/2024 13:56
Date Received : 02/15/2024
Date Analyzed : 03/11/2024
Conc. Units : ug/L
Method : 508.1 Rev. 2.0
Analyst : TS
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-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 Team Lead JHE on 03/21/2024



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LABORATORY SERVICES SECTION, MC-1947
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Semivolatiles Organic Analysis Report

Submitter Identification Number: 0470015

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

Date Reported : 03/26/2024
 Report ID#: 20240326090947AG73150

Lab Sample ID# : AG73150	Water Source :	Date Collected : 02/14/2024 13:56	Conc. Units : µg/L
Sample Priority : NORMAL	Entry Point(s) : EP001	Date Received : 02/15/2024	Method : EPA 525.2
TCEQ ID#(s) : 2408421		Date Analyzed : 03/07/2024	Analyst : RR
		Extraction Date : 02/23/2024	Sample Cond. : Acceptable

Regulated Compounds	Result	Qualifier	Monitored Compounds continued	Result	Qualifier
Alachlor ¹	<0.2		Dimethylphthalate	<2.0	
Atrazine ¹	0.10	N	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		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		N - See sample comments.		
Benzo(a)anthracene	<0.20		* - This analyte has known instability and/or method performance issues and quantitation should be considered approximate.		
Benzo[b]fluoranthene	<0.20		EPA method 525.2-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.		
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				

Authorized by Team Lead JHE on 03/21/2024



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Volatile Organic Compounds by GC/MS Analysis Report

Submitter Identification Number: 0470015

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

Date Reported : 04/25/2024
 Report ID# : 20240425084244AG81144

Lab Sample ID# : AG81144	Water Source :	Date Collected : 04/11/2024 09:54	Conc. Units : µg/L
Sample Priority : NORMAL	Entry Point(s) : EP001	Date Received : 04/12/2024	Method : EPA 524.2
TCEQ ID#(s) : 2405291		Date Analyzed : 04/16/2024	Analyst : TB
			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	N	Other Compounds		
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)]			Iodomethane	<5.0	
Chloroform	2.3		Methyl methacrylate	<1.0	
Bromodichloromethane	7.7		4-Methyl-2-pentanone (MIBK)	<2.0	
Dibromochloromethane	13		Methyl-t-butyl ether (MTBE)	<0.5	
Bromoform	14		Tetrahydrofuran	<5.0	
Dibromomethane	<1.0		Comments:		
1,3-Dichlorobenzene	<1.0		N - See sample comments.		
1,1-Dichloropropene	<1.0		G - CCV/LFB recovery was below method acceptance limits.		
1,1-Dichloroethane	<1.0		EPA Method 524.2 - Presence of Toluene 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.		
1,1,2,2-Tetrachloroethane	<1.0		Authorized by Team Lead CJONES on 04/24/2024		
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	G			
2-Chlorotoluene	<1.0				
4-Chlorotoluene	<1.0				
Bromobenzene	<1.0				
cis-1,3-Dichloropropene	<1.0				
trans-1,3-Dichloropropene	<1.0				



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*RAD-GRAB Analysis Report

Submitter Identification Number: 0470015

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

Date Reported : 06/25/2024
Report ID# : 20240625084531AG72966

Lab Sample ID# : AG72966 Water Source :
Sample Priority : NORMAL Entry Point(s) : EP001
TCEQ ID#(s) : 2411154

Date Collected : 02/14/2024 13:56
Date Received : 02/15/2024

Sample Cond. : Acceptable

Analyte	Result	Counting Uncertainty k=2	MDA	Unit	Yield	Method	Date Analyzed	Analyst
Gross Alpha ¹	<3.0		2.5	pCi/L		EPA 900.0	05/01/2024	MS
Gross Beta ¹	9.4	1.8		pCi/L		EPA 900.0	05/01/2024	MS
Radium-228 ¹	<1.0		0.46	pCi/L	0.837	SM 7500-Ra D	05/28/2024	AW

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. Date Collected is used as the Activity Reference Date.

Authorized by Team Lead SGILLARD on 06/24/2024



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*RAD-GRAB Analysis Report

Submitter Identification Number: 0470015

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

Date Reported : 06/25/2024

Report ID# : 20240625084531AG72966

Lab Sample ID# : AG72966
Sample Priority : NORMAL
TCEQ ID#(s) : 2411154

Water Source :
Entry Point(s) : EP001

Date Collected : 02/14/2024 13:56
Date Received : 02/15/2024

Sample Cond. : Acceptable

Analyte	Result	Unit	Method	Date/Time Analyzed	Analyst
Acidification	Completed		EPA 200.2	02/15/2024	TH
pH Check	Completed		EPA 200.2	02/16/2024	BF
Turbidity Screen	Completed		SM 2130B	02/16/2024	BF
Visible Particles	Completed			02/16/2024	BF
Uranium ¹	< 0.0010	mg/L	EPA 200.8	02/22/2024	KL

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 (2016 Standard) requirements.

Authorized by Team Lead SGILLARD on 06/24/2024



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Trihalomethanes by GC/MS Analysis Report

Submitter Identification Number: 0470015

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

Date Reported : 03/14/2024

Report ID# : 20240314084254AG72992

Lab Sample ID# : AG72992
Sample Priority : NORMAL
TCEQ ID#(s) : 2443446

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

Date Collected : 02/14/2024 14:39
Date Received : 02/15/2024
Date Analyzed : 02/16/2024

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

Trihalomethanes	Result	Qualifier
Chloroform	3.5	
Bromodichloromethane	11.8	
Dibromochloromethane	18.8	
Bromoform	18.8	
Total Trihalomethanes ¹	52.9	

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 Team Lead AMIERTSCH on 03/13/2024



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EPA 552.2 Haloacetic Acids Analysis Report

Submitter Identification Number: 0470015

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

Date Reported : 03/14/2024
Report ID# : 20240314084254AG72992

Lab Sample ID# : AG72992	Water Source :	Date Collected : 02/14/2024 14:39	Conc. Units : µg/L
Sample Priority : NORMAL	Entry Point(s) : DBP2-01	Date Received : 02/15/2024	Method : 552.2 Rev 1.0
TCEQ ID#(s) : 2443446		Date Analyzed : 02/28/2024	Analyst : TS
		Extraction Date : 02/23/2024	Sample Cond. : Acceptable

Regulated Compounds	Result	Qualifier
Monochloroacetic acid	<2.0	
Dichloroacetic acid	6.0	
Trichloroacetic acid	1.1	
Monobromoacetic acid	<1.0	
Dibromoacetic acid	9.1	
Total HAA5 ¹	16.2	

Monitored Compounds	Result	Qualifier
Bromochloroacetic acid	8.1	
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 (2016 Standard) requirements.

Authorized by Team Lead AMIERTSCH on 03/13/2024



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Trihalomethanes by GC/MS Analysis Report

Submitter Identification Number: 0470015

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

Date Reported : 03/14/2024

Report ID# : 20240314084254AG72991

Lab Sample ID# : AG72991
Sample Priority : NORMAL
TCEQ ID#(s) : 2443447

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

Date Collected : 02/14/2024 12:57
Date Received : 02/15/2024
Date Analyzed : 02/16/2024

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

Trihalomethanes	Result	Qualifier
Chloroform	3.4	
Bromodichloromethane	9.9	
Dibromochloromethane	14.4	
Bromoform	12.6	
Total Trihalomethanes ¹	40.3	

Comments:

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Authorized by Team Lead AMIERTSCH on 03/13/2024



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EPA 552.2 Haloacetic Acids Analysis Report

Submitter Identification Number: 0470015

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

Date Reported : 03/14/2024

Report ID#: 20240314084254AG72991

Lab Sample ID# : AG72991
Sample Priority : NORMAL
TCEQ ID#(s) : 2443447

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

Date Collected : 02/14/2024 12:57
Date Received : 02/15/2024
Date Analyzed : 02/28/2024
Extraction Date : 02/23/2024

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

Regulated Compounds	Result	Qualifier
Monochloroacetic acid	<2.0	
Dichloroacetic acid	6.4	
Trichloroacetic acid	1.4	
Monobromoacetic acid	<1.0	
Dibromoacetic acid	9.9	
Total HAA5 ¹	17.7	
Monitored Compounds	Result	Qualifier
Bromochloroacetic acid	9.1	
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 (2016 Standard) requirements.

Authorized by Team Lead AMIERTSCH on 03/13/2024



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Trihalomethanes by GC/MS Analysis Report

Submitter Identification Number: 0470015

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

Date Reported : 05/07/2024

Report ID# : 20240507085120AG81117

Lab Sample ID# : AG81117
Sample Priority : NORMAL
TCEQ ID#(s) : 2446977

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

Date Collected : 04/11/2024 11:01
Date Received : 04/12/2024
Date Analyzed : 04/17/2024

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

Trihalomethanes	Result	Qualifier
Chloroform	3.2	
Bromodichloromethane	11.0	
Dibromochloromethane	19.6	
Bromoform	23.9	
Total Trihalomethanes ¹	57.7	

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 Group Manager AVINYARD on 05/02/2024



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EPA 552.2 Haloacetic Acids Analysis Report

Submitter Identification Number: 0470015

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

Date Reported : 05/07/2024

Report ID# : 20240507085120AG81117

Lab Sample ID# : AG81117
Sample Priority : NORMAL
TCEQ ID#(s) : 2446977

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

Date Collected : 04/11/2024 11:01
Date Received : 04/12/2024
Date Analyzed : 04/28/2024
Extraction Date : 04/23/2024

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

Regulated Compounds	Result	Qualifier
Monochloroacetic acid	<2.0	
Dichloroacetic acid	7.7	
Trichloroacetic acid	<1.0	
Monobromoacetic acid	9.7	
Dibromoacetic acid	15.0	
Total HAA5 ¹	32.4	
Monitored Compounds	Result	Qualifier
Bromochloroacetic acid	11.6	
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 (2016 Standard) requirements.

Authorized by Group Manager AVINYARD on 05/02/2024



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Trihalomethanes by GC/MS Analysis Report

Submitter Identification Number: 0470015

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

Date Reported : 05/07/2024

Report ID# : 20240507085120AG81103

Lab Sample ID# : AG81103
Sample Priority : NORMAL
TCEQ ID#(s) : 2446978

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

Date Collected : 04/11/2024 10:23
Date Received : 04/12/2024
Date Analyzed : 04/16/2024

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

Trihalomethanes	Result	Qualifier
Chloroform	3.4	
Bromodichloromethane	12.2	
Dibromochloromethane	20.9	
Bromoform	24.3	
Total Trihalomethanes ¹	60.8	

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 Group Manager AVINYARD on 05/06/2024



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EPA 552.2 Haloacetic Acids Analysis Report

Submitter Identification Number: 0470015

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

Date Reported : 05/07/2024

Report ID# : 20240507085120AG81103

Lab Sample ID# : AG81103
Sample Priority : NORMAL
TCEQ ID#(s) : 2446978

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

Date Collected : 04/11/2024 10:23
Date Received : 04/12/2024
Date Analyzed : 04/27/2024
Extraction Date : 04/23/2024

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

<u>Regulated Compounds</u>	<u>Result</u>	<u>Qualifier</u>
Monochloroacetic acid	<2.0	
Dichloroacetic acid	8.5	
Trichloroacetic acid	<1.0	
Monobromoacetic acid	10.2	
Dibromoacetic acid	16.7	
Total HAA5 ¹	35.4	
<u>Monitored Compounds</u>	<u>Result</u>	<u>Qualifier</u>
Bromochloroacetic acid	12.4	
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.

Authorized by Group Manager AVINYARD on 05/06/2024