



April 14, 2023

U.S. Department of Justice  
Environmental Enforcement Section  
Environment and Natural Resources Division  
P.O. Box 7611  
Washington, D.C. 20044-7611

Via E-mail  
[Asia.Mcneil-Womack@usdoj.gov](mailto:Asia.Mcneil-Womack@usdoj.gov)  
[Eescdcopy.enrd@usdoj.gov](mailto:Eescdcopy.enrd@usdoj.gov)  
[Mcelroy.damon@epa.gov](mailto:Mcelroy.damon@epa.gov)

Re: DOJ Case No. [90-5-1-1-09215]

Consent Decree

Date of Lodging: July 23, 2013

Date of Entry: October 15, 2013

CA No. 5:13-cv-00666-DAE, United States of America and State of Texas v. San Antonio Water System, in the United States District Court for the Western District of Texas, San Antonio Division

Dear Sir/Madam:

Section 12 a. of the above-referenced Consent Decree requires that within 90 days after Lodging the San Antonio Water System shall provide a copy of the monthly compliance report required by its TPDES permits to the United States Environmental Protection Agency at the same time the report is submitted to the Texas Commission on Environmental Quality. A copy of the monthly compliance report for March 2023 is attached and is provided in compliance with Consent Decree requirements.

*I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering such information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.*

Sincerely,

A handwritten signature in blue ink, appearing to read "Jeffrey J. Haby".

Jeffrey J. Haby, P.E.  
Vice President – Production & Treatment

Enc. As stated



April 14, 2023

U.S. Environmental Protection Agency, Region VI  
Attn: Ms. Judy Edelbrock (R6-ECDWA)  
Water Enforcement Branch  
U.S. EPA Region 6  
1201 Elm Street, Suite 500  
Dallas, TX 75270-2102

Via E-Mail  
[Edelbrock.Judy@epa.gov](mailto:Edelbrock.Judy@epa.gov)  
[mcelroy.damon@epa.gov](mailto:mcelroy.damon@epa.gov)

Re: DOJ Case No. [90-5-1-1-09215]  
Consent Decree  
Date of Lodging: July 23, 2013  
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A handwritten signature in blue ink, appearing to read "Jeffrey J. Haby".

Jeffrey J. Haby, P.E.  
Vice President – Production & Treatment

Enc. As stated



# San Antonio Water System

## SSO Overflow Monthly

Report: March/2023

Wednesday, April 5, 2023

TCEQ # 10137-003-Leon Creek	EPA Permit: 0052639	Total Events: 5										
Incident #	WO#	INSPT#	SR#	Date	ADDRESS	Gallons	Cause	Action	Duration	RespTime	Discharge To	Comments
14788	0	773231	4643817	3/3/2023	001/1 Yolanda	240	Debris	Cleaned Main	0.80	0.38	Ground	Area Cleaned and Disinfected, Flushed Area with H2O
14807	2334918	773305	4646333	3/6/2023	00227 Renner Dr	204	Structural	Repair/Replace Asset	1.70	0.70	Storm Drain	Cleanup Ongoing
14827	0	0	4664188	3/16/2023	05934 Piedmont Glen	1,180	Grease	Cleaned Main	1.97	0.88	Storm Drain	Area Cleaned and Disinfected, Flushed Area with H2O, Over The Edwards Aquifer Contributing Zone Within The Transition Zone
14829	2339598	774049	4666808	3/18/2023	11720 Alamo Ranch	1,250	Contractor	Cleaned Main	4.17	3.67	Storm Drain	Area Cleaned and Disinfected, Flushed Area with H2O
14867	0	774614	4680797	3/28/2023	01911 Callaghan Rd	172	Grease	Cleaned Main	1.43	1.33	Ground	Area Cleaned and Disinfected, Flushed Area with H2O
						<b>Total Gallons:</b> 3,046			<b>Avg Duration:</b> 2.01	<b>Avg Resp Time:</b> 1.39		



# LC 001

Parameter		NODI	Quantity or Loading			Quality or Concentration			# of Ex.	Freq. of Analysis	Smpl. Type	
			Value 1	Value 2	Units	Value 1	Value 2	Value 3				Units
00940	<b>Chloride [as Cl]</b>	Smpl.	= ▾ 46213.0		lb/d ▾		= ▾ 191.0	= ▾ 201.0	mg/L ▾	0	01/01 ▾	CP ▾
1 - Effluent Gross												
Season: 0			Req.	Req Mon Daily Average		Pounds per Day		Req Mon Daily Average		Req Mon Daily Maximum	Milligrams per Liter	Daily
NODI: ▾		NODI	▾				▾		▾			
50050	<b>Flow, in conduit or thru treatment plant</b>	Smpl.	= ▾ 28.99	= ▾ 31.17	MGD ▾					0	99/99 ▾	TM ▾
1 - Effluent Gross												
Season: 0			Req.	Req Mon Daily Average		Req Mon Daily Maximum	Million Gallons per Day					Continuous
NODI: ▾		NODI	▾		▾							
50050	<b>Flow, in conduit or thru treatment plant</b>	Smpl.		= ▾ 27778.0	gal/min ▾					0	99/99 ▾	TM ▾
P - See Comments												
Season: 0			Req.	<= 63889.0 2 Hour Peak		Gallons per Minute						Continuous
NODI: ▾		NODI	▾		▾							
50050	<b>Flow, in conduit or thru treatment plant</b>	Smpl.	= ▾ 24.49		MGD ▾					0	99/99 ▾	TM ▾
Y - Effluent Gross (Supplementary)												
Season: 0			Req.	<= 46.0 Annual Average		Million Gallons per Day						Continuous
NODI: ▾		NODI	▾		▾							
50060	<b>Chlorine, total residual</b>	Smpl.					= ▾ 0.08		mg/L ▾	0	01/01 ▾	GR ▾
A - Disinfection, Process Complete												
Season: 0			Req.					< 0.1 Instantaneous Maximum		Milligrams per Liter		Daily
NODI: ▾		NODI	▾		▾		▾					
50060	<b>Chlorine, total residual</b>	Smpl.				= ▾ 1.43			mg/L ▾	0	01/01 ▾	GR ▾
B - Prior to Disinfection												
Season: 0			Req.				>= 1.0 Monthly Minimum			Milligrams per Liter		Daily
NODI: ▾		NODI	▾		▾		▾					
51040	<b>E. coli</b>	Smpl.					= ▾ 1.06	= ▾ 3.1	CFU/100mL ▾	0	07/WK ▾	GR ▾
1 - Effluent Gross												
Season: 0			Req.				<= 126.0 Daily Average	<= 399.0 Daily Maximum		Colony Forming Units per 100ml		Five Per Week
NODI: ▾		NODI	▾		▾	▾	▾					

# LC 001

Code	Parameter Name	NODI	Quantity or Loading			Quality or Concentration			# of Ex.	Freq. of Analysis	Smpl. Type
			Value 1	Value 2	Units	Value 1	Value 2	Value 3			
70295	<b>Solids, total dissolved</b>										
		<b>Smpl.</b>	= 184006.0		lb/d	= 761.0	= 832.0	mg/L	0	01/01	CP
1 - Effluent Gross											
Season: 0			<b>Req.</b>	Req Mon Daily Average	Pounds per Day	Req Mon Daily Average	Req Mon Daily Maximum	Milligrams per Liter		Daily	COMPOS
NODI:			<b>NODI</b>								
80082	<b>BOD, carbonaceous [5 day, 20 C]</b>										
		<b>Smpl.</b>	= 507.0		lb/d	= 2.1	= 4.0	mg/L	0	01/01	CP
1 - Effluent Gross											
Season: 0			<b>Req.</b>	<= 2686.0 Daily Average	Pounds per Day	<= 7.0 Daily Average	<= 17.0 Daily Maximum	Milligrams per Liter		Daily	COMPOS
NODI:			<b>NODI</b>								

**Edit Check Errors**

No results.

**DMR Comments**

THE COMBINED FLOW FOR OUTFALLS 001 AND 002 SHALL NOT EXCEED 46 MGD AND 2-HR PEAK OF 63,889 GPM. POUNDS PER DAY LOADING SHALL ALSO BE THE COMBINED TOTAL OF BOTH OUTFALLS.

**Comments**

**Attachments**

File Name	Type	Size	Remove
<a href="#">2023_03_LC_SSO_REPORT.pdf</a>	Portable document format: Adobe Acrobat File	< 1 MB	✖

**Report Last Saved By**

User: FloramieWelch  
 Name: Floramie Welch  
 E-Mail: floramie.welch@saws.org  
 Date/Time: 04/11/23 2:16 CDT



Parameter		NODI	Quantity or Loading			Quality or Concentration			# of Ex.	Freq. of Analysis	Smpl. Type
			Value 1	Value 2	Units	Value 1	Value 2	Value 3			
50050	Flow, in conduit or thru treatment plant	Smpl.	= 0.51	= 1.0	MGD				0	99/99	TM
1 - Effluent Gross											
Season: 0			Req.	Req Mon Daily Average	Req Mon Daily Maximum	Million Gallons per Day					Continuous
NODI:		NODI									
50050	Flow, in conduit or thru treatment plant	Smpl.	= 1042.0		gal/min				0	99/99	TM
P - See Comments											
Season: 0			Req.	<= 22222.0 2 Hour Peak		Gallons per Minute					Continuous
NODI:		NODI									
50050	Flow, in conduit or thru treatment plant	Smpl.	= 4.1		MGD				0	99/99	TM
Y - Effluent Gross (Supplementary)											
Season: 0			Req.	<= 16.0 Annual Average		Million Gallons per Day					Continuous
NODI:		NODI									
50060	Chlorine, total residual	Smpl.					= 0.04	mg/L	0	01/01	GR
A - Disinfection, Process Complete											
Season: 0			Req.				< 0.1 Instantaneous Maximum		Milligrams per Liter		Daily
NODI:		NODI									
50060	Chlorine, total residual	Smpl.				= 1.49		mg/L	0	01/01	GR
B - Prior to Disinfection											
Season: 0			Req.				>= 1.0 Monthly Minimum		Milligrams per Liter		Daily
NODI:		NODI									
51040	E. coli	Smpl.				= 1.26	= 3.1	CFU/100mL	0	05/WK	GR
1 - Effluent Gross											
Season: 0			Req.				<= 126.0 Daily Average	<= 399.0 Daily Maximum	Colony Forming Units per 100ml		Five Per Week
NODI:		NODI									
80082	BOD, carbonaceous [5 day, 20 C]	Smpl.	= 10.53		lb/d	= 2.25	= 4.0	mg/L	0	01/01	CP
1 - Effluent Gross											
Season: 0			Req.	<= 934.0 Daily Average		Pounds per Day	<= 7.0 Daily Average	<= 17.0 Daily Maximum	Milligrams per Liter		Daily
NODI:		NODI									

LC 002







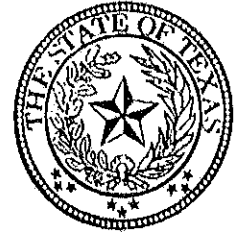
# TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

P.O. BOX 13087 • AUSTIN, TEXAS 78711-3087  
MONTHLY EFFLUENT REPORT



PAGE 1

SAN ANTONIO WATER SYSTEM  
3495 VALLEY RD  
SAN ANTONIO TX 78221-5238



40B	WQ0010137-003	02	23	03	12547
SYS	PERMIT NUMBER	SET	YEAR	MO.	EID

THIS REPORT TO BE USED FOR RECLAIMED WATER TYPE I 800 LEON CREEK  
 SEE BACK FOR INSTRUCTIONS AND DEFINITIONS.  
 PLEASE RETAIN A PHOTOCOPY FOR YOUR RECORDS.

**TCEQ COPY**

PARAMETER	EFFLUENT CONDITION		NO. EX.	FREQUENCY OF ANALYSIS		SAMPLE TYPE		
	REPORTED	PERMITTED		VALUE	UNITS			
000085342 TRANSFER DAYS/MON	REPORTED		31	DAY	0	01	01	
	PERMITTED		.			01	NA	01 NA
316164024 E-COLI DLY AVG	REPORTED		1.09	#/100 ML	0	11	03	
	PERMITTED		20.000			11	2/WEEK	03 GRABPKLOAD
316164030 E-COLI IND GRAB	REPORTED		2.00	#/100 ML	0	11	03	
	PERMITTED		75.000			11	2/WEEK	03 GRABPKLOAD
500507124 FLOW DLY AVG	REPORTED		3.70	MGD	0	02	11	
	PERMITTED					02	CONT	11 CONT
500507128 FLOW ANN AVG	REPORTED		5.56	MGD	0	02	11	
	PERMITTED					02	CONT	11 CONT
800821024 BOD CARB DLY AVG	REPORTED		2.10	MG/L	0	08	10	12-prt-com
	PERMITTED		5.000			11	2/WEEK	03 GRABPKLOAD
820786624 TURBIDITY 30DAY AV	REPORTED		0.75	NTU	0	08	10	12-prt-com
	PERMITTED		3.000			11	2/WEEK	03 GRABPKLOAD
NUMBER OF OPERATOR CERTIFICATE	REPORTED		WW0066882	NUMBER	0	01	NA	
	PERMITTED					01	01	NA NA
EXPIRATION OF OPERATOR CERTIFICATE	REPORTED		04/06/2024	DATE	0	01	NA	
	PERMITTED					01	01	NA NA
CLASS OF OPERATOR CERTIFICATE	REPORTED		A	LETTER	0	01	NA	
	PERMITTED					01	01	NA NA
	REPORTED							
	PERMITTED							

COMMENTS AND EXPLANATIONS *(Reference all attachments here)*

I CERTIFY THAT I AM FAMILIAR WITH THE INFORMATION CONTAINED IN THIS REPORT AND THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF SUCH INFORMATION IS TRUE AND COMPLETE AND ACCURATE.	NAME	SIGNATURE	DATE
	Tram Doan, Manager Prod & Treat Ops		213 014 114
TELEPHONE NUMBER	PLANT OPERATOR	PLANT OPERATOR	YEAR MO. DAY
210 233 3922	Raymond Perez Director, Production & Treatment		213 014 114
AREA CODE	NUMBER	EXECUTIVE OFFICER	EXECUTIVE OFFICER
			YEAR MO. DAY

# TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

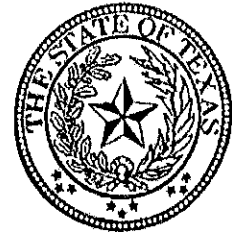
P.O. BOX 13087 • AUSTIN, TEXAS 78711-3087

## MONTHLY EFFLUENT REPORT



PAGE 1

SAN ANTONIO WATER SYSTEM  
3495 VALLEY RD  
SAN ANTONIO TX 78221-5238



40B	WQ0010137-003	02	23	03	12645
SYS	PERMIT NUMBER	SET	YEAR/MO.		EID

THIS REPORT TO BE USED FOR COMBINED MON 189 for 001/002/800/900 LEON CREEK  
 SEE BACK FOR INSTRUCTIONS AND DEFINITIONS.  
 PLEASE RETAIN A PHOTOCOPY FOR YOUR RECORDS.

**TCEQ COPY**

PARAMETER	EFFLUENT CONDITION		NO. EX.	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
	REPORTED	PERMITTED				
500507124 FLOW DLY AVG	32.82		0 02		11	
				02	CONT	11 CONT
500507128 FLOW ANN AVG	32.67		0 02		11	
				02	CONT	11 CONT
NUMBER OF OPERATOR CERTIFICATE	VW0066882		0 01		NA	
				01	01	NA NA
EXPIRATION OF OPERATOR CERTIFICATE	04/06/2024		0 01		NA	
				01	01	NA NA
CLASS OF OPERATOR CERTIFICATE	A		0 01		NA	
				01	01	NA NA

COMMENTS AND EXPLANATIONS *(Reference all attachments here)*

I CERTIFY THAT I AM FAMILIAR WITH THE INFORMATION CONTAINED IN THIS REPORT AND THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF SUCH INFORMATION IS TRUE AND COMPLETE AND ACCURATE.	NAME	SIGNATURE	DATE
	Tram Doan, Manager Prod & Treat Ops		23 04 16
	TELEPHONE NUMBER	PLANT OPERATOR	PLANT OPERATOR
210 233 3922	Raymond Perez Director, Production & Treatment		23 04 14
AREA CODE	EXECUTIVE OFFICER	EXECUTIVE OFFICER	YEAR MO. DAY

# TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

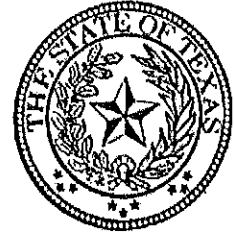
P.O. BOX 13087 • AUSTIN, TEXAS 78711-3087

## MONTHLY EFFLUENT REPORT



PAGE 1

SAN ANTONIO WATER SYSTEM  
3495 VALLEY RD  
SAN ANTONIO TX 78221-5238



40B	WQ0010137-003	02	23	03	12548
SYS	PERMIT NUMBER	SET	YEAR	MO.	EID

THIS REPORT TO BE USED FOR RECLAIMED WATER TYPE II 900 LEON CREEK  
 SEE BACK FOR INSTRUCTIONS AND DEFINITIONS.  
 PLEASE RETAIN A PHOTOCOPY FOR YOUR RECORDS.

**TCEQ COPY**

PARAMETER	EFFLUENT CONDITION		NO. EX.	FREQUENCY OF ANALYSIS		SAMPLE TYPE	
		VALUE		UNITS			
000085342 TRANSFER DAYS/MON	REPORTED	0	DAY	0	01		01
	PERMITTED						
316164024 FEC. COLI DLY AVG	REPORTED		#/100 ML				
	PERMITTED	200.000					
316164030 FEC. COLI IND GRAB	REPORTED		#/100 ML				
	PERMITTED	800.000					
500507124 FLOW DLY AVG	REPORTED		MGD				
	PERMITTED						
500507128 FLOW ANN AVG	REPORTED		MGD				
	PERMITTED						
800821024 BOD CARB DLY AVG	REPORTED		MG/L				
	PERMITTED	15.000					
NUMBER OF OPERATOR CERTIFICATE	REPORTED	WW0066882	NUMBER	0	01		NA
	PERMITTED						
EXPIRATION OF OPERATOR CERTIFICATE	REPORTED	04/06/2024	DATE	0	01		NA
	PERMITTED						
CLASS OF OPERATOR CERTIFICATE	REPORTED	A	LETTER	0	01		NA
	PERMITTED						
	REPORTED						
	PERMITTED						
	REPORTED						
	PERMITTED						

COMMENTS AND EXPLANATIONS *(Reference all attachments here)*

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	Tram Doan, Manager Prod & Treat Ops		23 04 14
TELEPHONE NUMBER	PLANT OPERATOR	PLANT OPERATOR	YEAR MO. DAY
210 233 3922	Raymond Perez Director, Production & Treatment		23 04 14
APCA CODE	NUMBER	EXECUTIVE OFFICER	EXECUTIVE OFFICER
			YEAR MO. DAY



# San Antonio Water System

## SSO Overflow Monthly

Report: March/2023

Wednesday, April 5, 2023

TCEQ # 10137-040-Medio Creek	EPA Permit: 0055689	Total Events: 0										
Incident #	WO#	INSPT#	SR#	Date	ADDRESS	Gallons	Cause	Action	Duration	RespTime	Discharge To	Comments
										0.00		
						<b>Total Gallons:</b>			<b>Avg Duration:</b>	<b>Avg Resp Time: 0.00</b>		



MC 001

Parameter		NODI	Quantity or Loading			Quality or Concentration			# of Ex.	Freq. of Analysis	Smpl. Type
Code ▲	Name		Value 1	Value 2	Units	Value 1	Value 2	Value 3			
50050	Flow, in conduit or thru treatment plant	Smpl.	= ▼ 8.41	= ▼ 10.82	MGD ▼				0	99/99 ▼	TM ▼
1 - Effluent Gross											
Season: 0			Req.	Req Mon Daily Average	Req Mon Daily Maximum	Million Gallons per Day					Continuous
NODI: ▼		NODI	▼	▼							
50050	Flow, in conduit or thru treatment plant	Smpl.		= ▼ 12582.0	gal/min ▼				0	99/99 ▼	TM ▼
P - See Comments											
Season: 0			Req.		<= 27778.0 2 Hour Peak	Gallons per Minute					Continuous
NODI: ▼		NODI		▼							
50050	Flow, in conduit or thru treatment plant	Smpl.	= ▼ 9.06		MGD ▼				0	99/99 ▼	TM ▼
Y - Effluent Gross (Supplementary)											
Season: 0			Req.	<= 16.0 Annual Average		Million Gallons per Day					Continuous
NODI: ▼		NODI	▼								
51040	E. coli	Smpl.				= ▼ 1.21	= ▼ 7.5	CFU/100mL ▼	0	01/01 ▼	GR ▼
1 - Effluent Gross											
Season: 0			Req.				<= 126.0 Daily Average	<= 399.0 Daily Maximum	Colony Forming Units per 100ml		Daily
NODI: ▼		NODI				▼	▼				
80082	BOD, carbonaceous [5 day, 20 C]	Smpl.	= ▼ 140.0		lb/d ▼	= ▼ 2.0	= ▼ 2.0	mg/L ▼	0	01/01 ▼	CP ▼
1 - Effluent Gross											
Season: 0			Req.	<= 934.0 Daily Average		Pounds per Day	<= 7.0 Daily Average	<= 20.0 Daily Maximum	Milligrams per Liter		Daily
NODI: ▼		NODI	▼			▼	▼				



# TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

P.O. BOX 13087 • AUSTIN, TEXAS 78711-3087  
MONTHLY EFFLUENT REPORT



PAGE 1

SAN ANTONIO WATER SYSTEM  
3225 VALLEY RD  
SAN ANTONIO TX 78221-5201



40B	WQ0010137-040	01	23	03	12654
SYS	PERMIT NUMBER	SET	YEAR MO.		EID

THIS REPORT TO BE USED FOR COMBINED MON 189 for 001/800/900 MEDIO CREEK  
 SEE BACK FOR INSTRUCTIONS AND DEFINITIONS.  
 PLEASE RETAIN A PHOTOCOPY FOR YOUR RECORDS.

**TCEQ COPY**

PARAMETER	EFFLUENT CONDITION		NO. EX.	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
	REPORTED	PERMITTED				
500507124 FLOW DLY AVG	8.41		MGD	0 02		11
500507128 FLOW ANN AVG	9.06		MGD	0 02	CONT	11
NUMBER OF OPERATOR CERTIFICATE	WW0040291		NUMBER	0 01		NA
EXPIRATION OF OPERATOR CERTIFICATE	08/13/2025		DATE	0 01		NA
CLASS OF OPERATOR CERTIFICATE	A		LETTER	0 01		NA

COMMENTS AND EXPLANATIONS *(Reference all attachments here)*

I CERTIFY THAT I AM FAMILIAR WITH THE INFORMATION CONTAINED IN THIS REPORT AND THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF SUCH INFORMATION IS TRUE AND COMPLETE AND ACCURATE.	NAME	SIGNATURE	DATE
	Michael Galindo Manager, Prod & Treat Ops		23 04 13
TELEPHONE NUMBER	PLANT OPERATOR	PLANT OPERATOR	YEAR MO. DAY
210 233 3934	Raymond Perez Director, Production & Treatment		23 04 14
AREA CODE NUMBER	EXECUTIVE OFFICER	EXECUTIVE OFFICER	YEAR MO. DAY

# TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

P.O. BOX 13087 • AUSTIN, TEXAS 78711-3087  
MONTHLY EFFLUENT REPORT



PAGE 1

SAN ANTONIO WATER SYSTEM  
3225 VALLEY RD  
SAN ANTONIO TX 78221-5201



40B	WQ0010137-040	01	23	03	12553
SYS	PERMIT NUMBER	SET T	YEAR MO.		EID

THIS REPORT TO BE USED FOR RECLAIMED WATER TYPE I 800 MEDIO CREEK  
SEE BACK FOR INSTRUCTIONS AND DEFINITIONS.

PLEASE RETAIN A PHOTOCOPY FOR YOUR RECORDS. **TCEQ COPY**

PARAMETER	EFFLUENT CONDITION		NO. EX.	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
	REPORTED	PERMITTED				
000085342 TRANSFER DAYS/MON	0		0	01	01	
316164024 FEC. COLI DLY AVG	20,000		0	11	03	NA
316164030 FEC. COLI IND GRAB	75,000		0	11	03	GRABPKLOAD
500507124 FLOW DLY AVG			0	02	11	CONT
500507128 FLOW ANN AVG			0	02	11	CONT
800821024 BOD CARB DLY AVG	5,000		0	08	10	12-prt-com
820796624 TURBIDITY 30DAYAVG	3,000		0	08	10	12-prt-com
NUMBER OF OPERATOR CERTIFICATE	WW0040291		0	01	NA	NA
EXPIRATION OF OPERATOR CERTIFICATE	08/13/2025		0	01	NA	NA
CLASS OF OPERATOR CERTIFICATE	A		0	01	NA	NA

COMMENTS AND EXPLANATIONS (Reference all attachments here)

I CERTIFY THAT I AM FAMILIAR WITH THE INFORMATION CONTAINED IN THIS REPORT AND THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF SUCH INFORMATION IS TRUE AND COMPLETE AND ACCURATE.	NAME	SIGNATURE	DATE
	Michael Galindo Manager, Prod & Treat Ops		23 04 13
TELEPHONE NUMBER	PLANT OPERATOR	PLANT OPERATOR	YEAR MO. DAY
2 1 0   2 3 3   3 9 3 4	Raymond Perez Director, Production & Treatment		23 04 14
AREA CODE	EXECUTIVE OFFICER	EXECUTIVE OFFICER	YEAR MO. DAY

# TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

P.O. BOX 13087 • AUSTIN, TEXAS 78711-3087  
MONTHLY EFFLUENT REPORT



SAN ANTONIO WATER SYSTEM  
3225 VALLEY RD  
SAN ANTONIO TX 78221-5201

PAGE 1



40B	WQ0010137-040	02	23	03	12554
SYS	PERMIT NUMBER	SET	YEAR	MO.	EID

THIS REPORT TO BE USED FOR RECLAIMED WATER TYPE II 900 MEDIO CREEK  
**SEE BACK FOR INSTRUCTIONS AND DEFINITIONS.**  
 PLEASE RETAIN A PHOTOCOPY FOR YOUR RECORDS. **TCEQ COPY**

PARAMETER	EFFLUENT CONDITION		NO. EX.	FREQUENCY OF ANALYSIS	SAMPLE TYPE		
	REPORTED	PERMITTED			VALUE	UNITS	
000085342 TRANSFER DAYS/MON	0		0	01		01	
316164024 FEC. COLI DLY AVG				01	NA	01	NA
316164030 FEC. COLI IND GRAB				14	1/WEEK	03	GRABPKLOAD
500507124 FLOW DLY AVG				14	1/WEEK	03	GRABPKLOAD
500507128 FLOW ANN AVG				02	CONT	11	CONT
800821024 BOD CARB DLY AVG				02	CONT	11	CONT
NUMBER OF OPERATOR CERTIFICATE				14	1/WEEK	03	GRABPKLOAD
EXPIRATION OF OPERATOR CERTIFICATE				0	01	01	NA NA
CLASS OF OPERATOR CERTIFICATE				0	01	01	NA NA
				0	01	01	NA NA

COMMENTS AND EXPLANATIONS *(Reference all attachments here)*

I CERTIFY THAT I AM FAMILIAR WITH THE INFORMATION CONTAINED IN THIS REPORT AND THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF SUCH INFORMATION IS TRUE AND COMPLETE AND ACCURATE.	NAME	SIGNATURE	DATE
	Michael Galindo Manager, Prod & Treat Ops		2/3/04 1/13
TELEPHONE NUMBER	PLANT OPERATOR	PLANT OPERATOR	YEAR MO. DAY
210 233 3934	Raymond Perez Director, Production & Treatment		23 04 14
AREA CODE	EXECUTIVE OFFICER	EXECUTIVE OFFICER	YEAR MO. DAY

Permit ID	Facility	Permitted Feature	Discharge #	Discharge Description	Monitoring Period End Date	DMR Due Date
TX0052639	LEON CREEK WATER RECYCLING CENTER WWTP	TXA	TXA-S	24-HOUR ACUTE FRESHWATER - 001	06/30/23	07/20/23
TX0052639	LEON CREEK WATER RECYCLING CENTER WWTP	001	001-A	DOMESTIC FACILITY - 001	03/31/23	04/20/23
TX0052639	LEON CREEK WATER RECYCLING CENTER WWTP	002	002-A	DOMESTIC FACILITY - 002	03/31/23	04/20/23
TX0052639	LEON CREEK WATER RECYCLING CENTER WWTP	101	101-A	COMBINED OUTFALLS 001 & 002	03/31/23	04/20/23
TX0052639	LEON CREEK WATER RECYCLING CENTER WWTP	TX1	TX1-Q	7-DAY CHRONIC FRESHWATER - 001	03/31/23	04/20/23
TX0055689	MEDIO CREEK WATER RECYC. CTR.	TXA	TXA-S	24-HOUR ACUTE FRESHWATER - 001	06/30/23	07/20/23
TX0055689	MEDIO CREEK WATER RECYC. CTR.	001	001-B	DOMESTIC FACILITY - 001	03/31/23	04/20/23
TX0055689	MEDIO CREEK WATER RECYC. CTR.	TX1	TX1-Q	48-HOUR ACUTE FRESHWATER - 001	03/31/23	04/20/23
TX0077801	STEVEN M CLOUSE WATER RECYCLING CENTER	TXA	TXA-S	24-HOUR ACUTE FRESHWATER - 001	06/30/23	07/20/23
TX0077801	STEVEN M CLOUSE WATER RECYCLING CENTER	TXB	TXB-S	24-HOUR ACUTE FRESHWATER - 002	06/30/23	07/20/23
TX0077801	STEVEN M CLOUSE WATER RECYCLING CENTER	TXC	TXC-S	24-HOUR ACUTE FRESHWATER - 001	06/30/23	07/20/23
TX0077801	STEVEN M CLOUSE WATER RECYCLING CENTER	TXD	TXD-S	24-HOUR ACUTE FRESHWATER - 002	06/30/23	07/20/23
TX0077801	STEVEN M CLOUSE WATER RECYCLING CENTER	TXE	TXE-S	24-HOUR ACUTE FRESHWATER - 001	06/30/23	07/20/23
TX0077801	STEVEN M CLOUSE WATER RECYCLING CENTER	TXF	TXF-S	24-HOUR ACUTE FRESHWATER - 002	06/30/23	07/20/23
TX0077801	STEVEN M CLOUSE WATER RECYCLING CENTER	001	001-A	DOMESTIC FACILITY - 001	03/31/23	04/20/23
TX0077801	STEVEN M CLOUSE WATER RECYCLING CENTER	002	002-A	DOMESTIC FACILITY - 002	03/31/23	04/20/23
TX0077801	STEVEN M CLOUSE WATER RECYCLING CENTER	003	003-A	DOMESTIC FACILITY - 003	03/31/23	04/20/23
TX0077801	STEVEN M CLOUSE WATER RECYCLING CENTER	004	004-A	DOMESTIC FACILITY - 004	03/31/23	04/20/23
TX0077801	STEVEN M CLOUSE WATER RECYCLING CENTER	005	005-A	DOMESTIC FACILITY - 005	03/31/23	04/20/23
TX0077801	STEVEN M CLOUSE WATER RECYCLING CENTER	006	006-A	DOMESTIC FACILITY - 006	03/31/23	04/20/23
TX0077801	STEVEN M CLOUSE WATER RECYCLING CENTER	101	101-A	DOMESTIC WASTEWATER - 101	03/31/23	04/20/23
TX0077801	STEVEN M CLOUSE WATER RECYCLING CENTER	102	102-A	TOTAL DISCHARGE - 001 & 101	03/31/23	04/20/23
TX0077801	STEVEN M CLOUSE WATER RECYCLING CENTER	TX1	TX1-Q	7-DAY CHRONIC FRESHWATER - 001	03/31/23	04/20/23
TX0077801	STEVEN M CLOUSE WATER RECYCLING CENTER	TX2	TX2-Q	7-DAY CHRONIC FRESHWATER - 002	03/31/23	04/20/23
TX0077801	STEVEN M CLOUSE WATER RECYCLING CENTER	TX3	TX3-Q	7-DAY CHRONIC FRESHWATER - 003	03/31/23	04/20/23
TX0077801	STEVEN M CLOUSE WATER RECYCLING CENTER	TX4	TX4-Q	7-DAY CHRONIC FRESHWATER - 004	03/31/23	04/20/23
TX0077801	STEVEN M CLOUSE WATER RECYCLING CENTER	TX5	TX5-Q	7-DAY CHRONIC FRESHWATER - 005	03/31/23	04/20/23
TX0077801	STEVEN M CLOUSE WATER RECYCLING CENTER	TX6	TX6-Q	7-DAY CHRONIC FRESHWATER - 006	03/31/23	04/20/23
TX0125083	SAN ANTONIO WATER SYSTEM PORTABLE WTP	001	001-A	WATER TREATMENT WASTES - 001	03/31/23	04/20/23



# San Antonio Water System

## SSO Overflow Monthly

Report: March/2023

Wednesday, April 5, 2023

<b>TCEQ #</b> 11269-001-CCMA	<b>EPA Permit:</b> CCMA (Subscriber)	<b>Total Events:</b> 0										
Incident #	WO#	INSPT#	SR#	Date	ADDRESS	Gallons	Cause	Action	Duration	RespTime	Discharge To	Comments
										0.00		
						<b>Total Gallons:</b>			<b>Avg Duration:</b>	<b>Avg Resp Time:</b> 0.00		



# San Antonio Water System

## SSO Overflow Monthly

Report: March/2023

Wednesday, April 5, 2023

TCEQ # 10137-033-Steven M Clouse	EPA Permit: 0077801	Total Events: 3										
Incident #	WO#	INSPT#	SR#	Date	ADDRESS	Gallons	Cause	Action	Duration	RespTime	Discharge To	Comments
14787	0	773228	4643373	3/3/2023	034/2 Shady Spgs	385	Grease	Cleaned Main	1.28	0.70	Ground	Area Cleaned and Disinfected, Flushed Area with H2O, Over The Edwards Aquifer Transition Zone
14850	0	774334	4673906	3/23/2023	01303 Commerce St W	550	Debris	Cleaned Main	0.87	0.37	Storm Drain	Area Cleaned and Disinfected, Flushed Area with H2O
14907	0	774827	4685751	3/31/2023	147/1 Theta Dr	111	Debris	Cleaned Main	1.85	0.43	Street	Area Cleaned and Disinfected, Flushed Area with H2O
						<b>Total Gallons:</b> 1,046			<b>Avg Duration:</b> 1.33	<b>Avg Resp Time:</b> 0.50		



# San Antonio Water System

## SSO Overflow Monthly

Report: March/2023

Wednesday, April 5, 2023

<b>TCEQ #</b> 10137-008-Salado Creek	<b>EPA Permit:</b> 0052647	<b>Total Events:</b> 2										
<b>Incident #</b>	<b>WO#</b>	<b>INSPT#</b>	<b>SR#</b>	<b>Date</b>	<b>ADDRESS</b>	<b>Gallons</b>	<b>Cause</b>	<b>Action</b>	<b>Duration</b>	<b>RespTime</b>	<b>Discharge To</b>	<b>Comments</b>
14847	0	0	4668143	3/20/2023	08004 Bentley Dr	34,955	Vandalism	Cleaned Main	6.20	0.62	River/Creek Unknown	Cleanup Ongoing
14849	0	0	4673667	3/23/2023	18540 Sigma Rd	312	Debris	Unstopped Lower Lateral	1.73	0.65	Street	Cleanup Ongoing, Over The Edwards Aquifer Recharge Zone
						<b>Total Gallons:</b> 35,267			<b>Avg Duration:</b> 3.97	<b>Avg Resp Time:</b> 0.63		





# SMC 001

Parameter		NODI	Quantity or Loading			Quality or Concentration						# of Ex.	Freq. of Analysis	Smpl. Type		
			Value 1	Value 2	Units	Value 1	Value 2	Value 3	Units							
50050	Flow, in conduit or thru treatment plant	Smpl.	=	<input type="text" value="85.24"/>	=	<input type="text" value="93.9"/>	MGD					<input type="text" value="0"/>	<input type="text" value="99/99"/>	<input type="text" value="TM"/>		
1 - Effluent Gross																
Season: 0			Req.	Req Mon Daily Average		Req Mon Daily Maximum		Million Gallons per Day						Continuous	TOTALZ	
NODI:		NODI	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>										
50050	Flow, in conduit or thru treatment plant	Smpl.	=	<input type="text" value="80972.0"/>			gal/min					<input type="text" value="0"/>	<input type="text" value="01/30"/>	<input type="text" value="TM"/>		
P - See Comments																
Season: 0			Req.	<= 173611.0 2 Hour Peak				Gallons per Minute						Monthly	TOTALZ	
NODI:		NODI	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>										
50050	Flow, in conduit or thru treatment plant	Smpl.	=	<input type="text" value="84.55"/>			MGD					<input type="text" value="0"/>	<input type="text" value="99/99"/>	<input type="text" value="TM"/>		
Y - Effluent Gross (Supplementary)																
Season: 0			Req.	<= 125.0 Annual Average				Million Gallons per Day						Continuous	TOTALZ	
NODI:		NODI	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>										
50060	Chlorine, total residual	Smpl.							=	<input type="text" value="0.04"/>	mg/L	<input type="text" value="0"/>	<input type="text" value="01/01"/>	<input type="text" value="GR"/>		
A - Disinfection, Process Complete																
Season: 0			Req.						< 0.1 Instantaneous Maximum			Milligrams per Liter		Daily	GRAB	
NODI:		NODI	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>						
50060	Chlorine, total residual	Smpl.					=	<input type="text" value="1.14"/>			mg/L	<input type="text" value="0"/>	<input type="text" value="01/01"/>	<input type="text" value="GR"/>		
B - Prior to Disinfection																
Season: 0			Req.						>= 1.0 Monthly Minimum			Milligrams per Liter		Daily	GRAB	
NODI:		NODI	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>						
51040	E. coli	Smpl.						=	<input type="text" value="1.86"/>	=	<input type="text" value="8.6"/>	CFU/100mL	<input type="text" value="0"/>	<input type="text" value="07/WK"/>	<input type="text" value="GR"/>	
1 - Effluent Gross																
Season: 0			Req.						<= 126.0 Daily Average		<= 399.0 Daily Maximum	Colony Forming Units per 100ml		Five Per Week	GRAB	
NODI:		NODI	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>						
80082	BOD, carbonaceous [5 day, 20 C]	Smpl.	=	<input type="text" value="1543.0"/>			lb/d		=	<input type="text" value="2.17"/>	=	<input type="text" value="3.0"/>	mg/L	<input type="text" value="0"/>	<input type="text" value="01/01"/>	<input type="text" value="CP"/>
1 - Effluent Gross																
Season: 0			Req.	<= 5213.0 Daily Average				Pounds per Day		<= 5.0 Daily Average		<= 20.0 Daily Maximum	Milligrams per Liter	Daily	COMPOS	
NODI:		NODI	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>					





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**Permit**

**Permit ID:** TX0077801  
**Permittee:** SAN ANTONIO WATER SYSTEM

**Major:**   
**Permittee Address:** 2800 US HIGHWAY 281 NORTH

**Facility:** STEVEN M CLOUSE WATER RECYCLING CENTER

**Facility Location:** SAN ANTONIO, TX 78212  
3495 VALLEY RD

**Permitted Feature:** 003 - External Outfall

**Discharge:** SAN ANTONIO, TX 78221  
A - DOMESTIC FACILITY - 003

**Report Dates & Status**

**Monitoring Period:** From 03/01/23 to 03/31/23

**DMR Due Date:** 04/20/23

**Status:** **NetDMR Validated**

**Principal Executive Officer**

**First Name:**

**Last Name:**

**Title:**

**Telephone:**

**No Data Indicator (NODI)**

**Form NODI:**

Code	Parameter Name	NODI	Quantity or Loading			Quality or Concentration				# of Ex.	Freq. of Analysis	Smpl. Type	
			Value 1	Value 2	Units	Value 1	Value 2	Value 3	Units				
00300	Oxygen, dissolved [DO]	Smpl.				<input type="text"/>				mg/L	<input type="text"/>	<input type="text"/>	<input type="text"/>
1 - Effluent Gross													
Season: 0			<b>Req.</b>			>= 4.0 Monthly Minimum				Milligrams per Liter	Daily	GRAB	
NODI: <input type="text"/>			<b>NODI</b>			C - No Discharge							
00400	pH	Smpl.				<input type="text"/>				SU	<input type="text"/>	<input type="text"/>	<input type="text"/>
1 - Effluent Gross													
Season: 0			<b>Req.</b>			>= 6.0 Minimum				<= 9.0 Maximum	Daily	GRAB	
NODI: <input type="text"/>			<b>NODI</b>			C - No Discharge				C - No Discharge			
00530	Solids, total suspended	Smpl.	<input type="text"/>			lb/d				mg/L	<input type="text"/>	<input type="text"/>	<input type="text"/>
1 - Effluent Gross													
Season: 0			<b>Req.</b>	<= 1251.0 Daily Average		Pounds per Day				Milligrams per Liter	Daily	COMPOS	
NODI: <input type="text"/>			<b>NODI</b>	C - No Discharge						C - No Discharge			
00610	Nitrogen, ammonia total [as N]	Smpl.	<input type="text"/>			lb/d				mg/L	<input type="text"/>	<input type="text"/>	<input type="text"/>
1 - Effluent Gross													
Season: 0			<b>Req.</b>	<= 167.0 Daily Average		Pounds per Day				Milligrams per Liter	Daily	COMPOS	
NODI: <input type="text"/>			<b>NODI</b>	C - No Discharge						C - No Discharge			

# SMC 003

Parameter		NODI	Quantity or Loading			Quality or Concentration			# of Ex.	Freq. of Analysis	Smpl. Type
Code	Name		Value 1	Value 2	Units	Value 1	Value 2	Value 3			
50050	<b>Flow, in conduit or thru treatment plant</b>	Smpl.	<input type="text"/>	<input type="text"/>	MGD				<input type="text"/>	<input type="text"/>	<input type="text"/>
1 - Effluent Gross											
Season: 0	<b>Req.</b>		Req Mon Daily Average	Req Mon Daily Maximum	Million Gallons per Day					Continuous	TOTALZ
NODI:		<b>NODI</b>	<input type="text"/>	<input type="text"/>							
50050	<b>Flow, in conduit or thru treatment plant</b>	Smpl.	<input type="text"/>		MGD				<input type="text"/>	<input type="text"/>	<input type="text"/>
Y - Effluent Gross (Supplementary)											
Season: 0	<b>Req.</b>		<= 10.0 Annual Average		Million Gallons per Day					Monthly	TOTALZ
NODI:		<b>NODI</b>	<input type="text"/>								
50060	<b>Chlorine, total residual</b>	Smpl.					<input type="text"/>	mg/L	<input type="text"/>	<input type="text"/>	<input type="text"/>
A - Disinfection, Process Complete											
Season: 0	<b>Req.</b>						< 0.1 Instantaneous Maximum	Milligrams per Liter		Daily	GRAB
NODI:		<b>NODI</b>				<input type="text"/>					
50060	<b>Chlorine, total residual</b>	Smpl.			<input type="text"/>			mg/L	<input type="text"/>	<input type="text"/>	<input type="text"/>
B - Prior to Disinfection											
Season: 0	<b>Req.</b>					>= 1.0 Monthly Minimum		Milligrams per Liter		Daily	GRAB
NODI:		<b>NODI</b>			<input type="text"/>						
51040	<b>E. coli</b>	Smpl.				<input type="text"/>	<input type="text"/>	CFU/100mL	<input type="text"/>	<input type="text"/>	<input type="text"/>
1 - Effluent Gross											
Season: 0	<b>Req.</b>					<= 63.0 Daily Average	<= 399.0 Daily Maximum	Colony Forming Units per 100ml		Three Per Week	GRAB
NODI:		<b>NODI</b>			<input type="text"/>	<input type="text"/>					
80082	<b>BOD, carbonaceous [5 day, 20 C]</b>	Smpl.	<input type="text"/>		lb/d	<input type="text"/>	<input type="text"/>	mg/L	<input type="text"/>	<input type="text"/>	<input type="text"/>
1 - Effluent Gross											
Season: 0	<b>Req.</b>		<= 834.0 Daily Average		Pounds per Day	<= 10.0 Daily Average	<= 25.0 Daily Maximum	Milligrams per Liter		Daily	COMPOS
NODI:		<b>NODI</b>	<input type="text"/>			<input type="text"/>	<input type="text"/>				









# SMC 005

Parameter		NODI	Quantity or Loading			Quality or Concentration			# of Ex.	Freq. of Analysis	Smpl. Type	
Code	Name		Value 1	Value 2	Units	Value 1	Value 2	Value 3				Units
50050	<b>Flow, in conduit or thru treatment plant</b>	Smpl.	= <input type="text" value="0.65"/>	= <input type="text" value="0.68"/>	MGD				<input type="text"/>	99/99	TM	
1 - Effluent Gross												
Season: 0	<b>Req.</b>		Req Mon Daily Average	Req Mon Daily Maximum	Million Gallons per Day						Continuous	TOTALZ
NODI:		NODI	<input type="text"/>	<input type="text"/>								
50050	<b>Flow, in conduit or thru treatment plant</b>	Smpl.	= <input type="text" value="0.69"/>		MGD				<input type="text"/>	01/30	TM	
Y - Effluent Gross (Supplementary)												
Season: 0	<b>Req.</b>		<= 2.6 Annual Average		Million Gallons per Day						Monthly	TOTALZ
NODI:		NODI	<input type="text"/>									
50060	<b>Chlorine, total residual</b>	Smpl.					= <input type="text" value="0.06"/>	mg/L	<input type="text"/>	01/01	GR	
A - Disinfection, Process Complete												
Season: 0	<b>Req.</b>						< 0.1 Instantaneous Maximum	Milligrams per Liter		Daily	GRAB	
NODI:		NODI				<input type="text"/>						
50060	<b>Chlorine, total residual</b>	Smpl.				= <input type="text" value="1.14"/>		mg/L	<input type="text"/>	01/01	GR	
B - Prior to Disinfection												
Season: 0	<b>Req.</b>					>= 1.0 Monthly Minimum	Milligrams per Liter		Daily	GRAB		
NODI:		NODI			<input type="text"/>							
51040	<b>E. coli</b>	Smpl.				= <input type="text" value="1.86"/>	= <input type="text" value="8.6"/>	CFU/100mL	<input type="text"/>	01/07	GR	
1 - Effluent Gross												
Season: 0	<b>Req.</b>					<= 63.0 Daily Average	<= 399.0 Daily Maximum	Colony Forming Units per 100ml		Weekly	GRAB	
NODI:		NODI			<input type="text"/>	<input type="text"/>						
80082	<b>BOD, carbonaceous [5 day, 20 C]</b>	Smpl.	= <input type="text" value="11.75"/>		lb/d	= <input type="text" value="2.17"/>	= <input type="text" value="3.0"/>	mg/L	<input type="text"/>	01/01	CP	
1 - Effluent Gross												
Season: 0	<b>Req.</b>		<= 217.0 Daily Average		Pounds per Day	<= 10.0 Daily Average	<= 25.0 Daily Maximum	Milligrams per Liter		Daily	COMPOS	
NODI:		NODI	<input type="text"/>			<input type="text"/>	<input type="text"/>					

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**Permit**

**Permit ID:** TX0077801  
**Permittee:** SAN ANTONIO WATER SYSTEM

**Major:**   
**Permittee Address:** 2800 US HIGHWAY 281 NORTH

**Facility:** STEVEN M CLOUSE WATER RECYCLING CENTER

**Facility Location:** SAN ANTONIO, TX 78212  
3495 VALLEY RD

**Permitted Feature:** 006 - External Outfall

**Discharge:** SAN ANTONIO, TX 78221  
A - DOMESTIC FACILITY - 006

**Report Dates & Status**

**Monitoring Period:** From 03/01/23 to 03/31/23

**DMR Due Date:** 04/20/23

**Status:** **NetDMR Validated**

**Principal Executive Officer**

**First Name:**

**Last Name:**

**Title:**

**Telephone:**

**No Data Indicator (NODI)**

**Form NODI:**

Code	Parameter Name	NODI	Quantity or Loading			Quality or Concentration				# of Ex.	Freq. of Analysis	Smpl. Type	
			Value 1	Value 2	Units	Value 1	Value 2	Value 3	Units				
00300	Oxygen, dissolved [DO]	Smpl.				<input type="text"/>				mg/L	<input type="text"/>	<input type="text"/>	<input type="text"/>
1 - Effluent Gross													
Season: 0			<b>Req.</b>			>= 4.0 Monthly Minimum				Milligrams per Liter	Daily	GRAB	
NODI: <input type="text"/>			<b>NODI</b>			C - No Discharge							
00400	pH	Smpl.				<input type="text"/>				SU	<input type="text"/>	<input type="text"/>	<input type="text"/>
1 - Effluent Gross													
Season: 0			<b>Req.</b>			>= 6.5 Minimum				<= 9.0 Maximum	Daily	GRAB	
NODI: <input type="text"/>			<b>NODI</b>			C - No Discharge				C - No Discharge			
00530	Solids, total suspended	Smpl.	<input type="text"/>			lb/d				mg/L	<input type="text"/>	<input type="text"/>	<input type="text"/>
1 - Effluent Gross													
Season: 0			<b>Req.</b>	<= 5755.0 Daily Average		Pounds per Day				Milligrams per Liter	Daily	COMPOS	
NODI: <input type="text"/>			<b>NODI</b>	C - No Discharge						C - No Discharge			
00610	Nitrogen, ammonia total [as N]	Smpl.	<input type="text"/>			lb/d				mg/L	<input type="text"/>	<input type="text"/>	<input type="text"/>
1 - Effluent Gross													
Season: 0			<b>Req.</b>	<= 767.0 Daily Average		Pounds per Day				Milligrams per Liter	Daily	COMPOS	
NODI: <input type="text"/>			<b>NODI</b>	C - No Discharge						C - No Discharge			

# SMC 006

Parameter		NODI	Quantity or Loading			Quality or Concentration			# of Ex.	Freq. of Analysis	Smpl. Type
Code	Name		Value 1	Value 2	Units	Value 1	Value 2	Value 3			
50050	<b>Flow, in conduit or thru treatment plant</b>	Smpl.	<input type="text"/>	<input type="text"/>	MGD				<input type="text"/>	<input type="text"/>	<input type="text"/>
1 - Effluent Gross											
Season: 0	<b>Req.</b>		Req Mon Daily Average	Req Mon Daily Maximum	Million Gallons per Day					Continuous	TOTALZ
NODI:		<b>NODI</b>	<input type="text"/>	<input type="text"/>							
50050	<b>Flow, in conduit or thru treatment plant</b>	Smpl.	<input type="text"/>		MGD				<input type="text"/>	<input type="text"/>	<input type="text"/>
Y - Effluent Gross (Supplementary)											
Season: 0	<b>Req.</b>		<= 46.0 Annual Average		Million Gallons per Day					Monthly	TOTALZ
NODI:		<b>NODI</b>	<input type="text"/>								
50060	<b>Chlorine, total residual</b>	Smpl.					<input type="text"/>	mg/L	<input type="text"/>	<input type="text"/>	<input type="text"/>
A - Disinfection, Process Complete											
Season: 0	<b>Req.</b>						< 0.1 Instantaneous Maximum	Milligrams per Liter		Daily	GRAB
NODI:		<b>NODI</b>				<input type="text"/>					
50060	<b>Chlorine, total residual</b>	Smpl.			<input type="text"/>			mg/L	<input type="text"/>	<input type="text"/>	<input type="text"/>
B - Prior to Disinfection											
Season: 0	<b>Req.</b>					>= 1.0 Monthly Minimum		Milligrams per Liter		Daily	GRAB
NODI:		<b>NODI</b>			<input type="text"/>						
51040	<b>E. coli</b>	Smpl.				<input type="text"/>	<input type="text"/>	CFU/100mL	<input type="text"/>	<input type="text"/>	<input type="text"/>
1 - Effluent Gross											
Season: 0	<b>Req.</b>					<= 63.0 Daily Average	<= 399.0 Daily Maximum	Colony Forming Units per 100ml		Five Per Week	GRAB
NODI:		<b>NODI</b>			<input type="text"/>	<input type="text"/>					
80082	<b>BOD, carbonaceous [5 day, 20 C]</b>	Smpl.	<input type="text"/>		lb/d	<input type="text"/>	<input type="text"/>	mg/L	<input type="text"/>	<input type="text"/>	<input type="text"/>
1 - Effluent Gross											
Season: 0	<b>Req.</b>		<= 3836.0 Daily Average		Pounds per Day	<= 10.0 Daily Average	<= 25.0 Daily Maximum	Milligrams per Liter		Daily	COMPOS
NODI:		<b>NODI</b>	<input type="text"/>			<input type="text"/>	<input type="text"/>				





# TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

P.O. BOX 13087 • AUSTIN, TEXAS 78711-3087  
MONTHLY EFFLUENT REPORT



PAGE 1

SAN ANTONIO WATER SYSTEM  
3495 VALLEY RD  
SAN ANTONIO TX 78221-5238



40B	WQ0010137-033	02	23	03	12647
SYS	PERMIT NUMBER	SET	YEAR MO.		EID

THIS REPORT TO BE USED FOR COMBINED MONITORING for 001/800/900 Steve M. Clouse WRC  
**SEE BACK FOR INSTRUCTIONS AND DEFINITIONS.**  
 PLEASE RETAIN A PHOTOCOPY FOR YOUR RECORDS.

TCEQ COPY

PARAMETER	EFFLUENT CONDITION		UNITS	NO. EX.	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
	REPORTED	VALUE				PERMITTED	
500507124 FLOW DLY AVG	REPORTED	92.43	MGD	0	02	11	
	PERMITTED				02	CONT	CONT
500507128 FLOW ANN AVG	REPORTED	91.48	MGD	0	02	11	
	PERMITTED				02	CONT	CONT
NUMBER OF OPERATOR CERTIFICATE	REPORTED	WW0025836	NUMBER	0	01	NA	
	PERMITTED				01	01	NA NA
EXPIRATION OF OPERATOR CERTIFICATE	REPORTED	11/03/2024	DATE	0	01	NA	
	PERMITTED				01	01	NA NA
CLASS OF OPERATOR CERTIFICATE	REPORTED	A	LETTER	0	01	NA	
	PERMITTED				01	01	NA NA
	REPORTED						
	PERMITTED						
	REPORTED						
	PERMITTED						
	REPORTED						
	PERMITTED						
	REPORTED						
	PERMITTED						
	REPORTED						
	PERMITTED						

**COMMENTS AND EXPLANATIONS** *(Reference all attachments here)*

I CERTIFY THAT I AM FAMILIAR WITH THE INFORMATION CONTAINED IN THIS REPORT AND THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF SUCH INFORMATION IS TRUE AND COMPLETE AND ACCURATE.	NAME	SIGNATURE	DATE
	Marco Ramos Superintendent-Prod & Treat Ops		23 04 13
TELEPHONE NUMBER	PLANT OPERATOR	PLANT OPERATOR	YEAR MO. DAY
210 233 3239	Raymond Perez Director, Treatment & Production		23 04 14
AREA CODE	EXECUTIVE OFFICER	EXECUTIVE OFFICER	YEAR MO. DAY

# TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

P.O. BOX 13087 • AUSTIN, TEXAS 78711-3087  
MONTHLY EFFLUENT REPORT



PAGE 1

SAN ANTONIO WATER SYSTEM  
3495 VALLEY RD  
SAN ANTONIO TX 78221-5238



40B	WQ0010137-033	02	23	03	12551
SYS	PERMIT NUMBER	SET	YEAR MO.		EID

THIS REPORT TO BE USED FOR RECLAIMED WATER TYPE I Steve M. Clouse WRC  
SEE BACK FOR INSTRUCTIONS AND DEFINITIONS.  
PLEASE RETAIN A PHOTOCOPY FOR YOUR RECORDS.

**TCEQ COPY**

PARAMETER	EFFLUENT CONDITION		NO. EX.	FREQUENCY OF ANALYSIS	SAMPLE TYPE			
	REPORTED	PERMITTED			VALUE	UNITS	01	03
000085342 TRANSFER DAYS/MON	REPORTED	PERMITTED	31	DAY	0 01	01	01	NA
316164024 E-COLI DLY AVG	REPORTED	PERMITTED	2.05	#/100 ML	0 11	03	01	NA
316164030 E-COLI IND GRAB	REPORTED	PERMITTED	71.90	#/100 ML	0 11	03	03	GRABPKLOAD
500507124 FLOW DLY AVG	REPORTED	PERMITTED	1.38	MGD	0 02	11	03	GRABPKLOAD
500507128 FLOW ANN AVG	REPORTED	PERMITTED	2.67	MGD	0 02	11	11	CONT
800821024 BOD CARB DLY AVG	REPORTED	PERMITTED	2.17	MG/L	0 08	10	12	PRT-COM
820796624 TURBIDITY 30DAYAVG	REPORTED	PERMITTED	1.15	NTU	0 08	10	12	PRT-COM
NUMBER OF OPERATOR CERTIFICATE	REPORTED	PERMITTED	WW0025836	NUMBER	0 01	NA	01	01
EXPIRATION OF OPERATOR CERTIFICATE	REPORTED	PERMITTED	11/03/2024	DATE	0 01	NA	01	01
CLASS OF OPERATOR CERTIFICATE	REPORTED	PERMITTED	A	LETTER	0 01	NA	01	01
	REPORTED	PERMITTED						

COMMENTS AND EXPLANATIONS (Reference all attachments here)

I CERTIFY THAT I AM FAMILIAR WITH THE INFORMATION CONTAINED IN THIS REPORT AND THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF SUCH INFORMATION IS TRUE AND COMPLETE AND ACCURATE.

	NAME	SIGNATURE	DATE
	Marco Ramos Superintendent-Prod & Treat Ops		2/3 0/4 1/3
TELEPHONE NUMBER	PLANT OPERATOR	PLANT OPERATOR	YEAR MO. DAY
210 233 3239	Raymond Perez Director, Treatment & Production		2/3 0/4 1/4
AREA CODE	EXECUTIVE OFFICER	EXECUTIVE OFFICER	YEAR MO. DAY

# TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

P.O. BOX 13087 • AUSTIN, TEXAS 78711-3087  
MONTHLY EFFLUENT REPORT



PAGE 1

SAN ANTONIO WATER SYSTEM  
3495 VALLEY RD  
SAN ANTONIO TX 78221-5238



40B	WQ0010137-033	02	23	03	12552
SYS	PERMIT NUMBER	SET	YEAR	MO.	EID

THIS REPORT TO BE USED FOR RECLAIMED WATER TYPE II Steve M. Clouse WRC  
SEE BACK FOR INSTRUCTIONS AND DEFINITIONS.  
PLEASE RETAIN A PHOTOCOPY FOR YOUR RECORDS.

**TCEQ COPY**

PARAMETER	EFFLUENT CONDITION		NO. EX.	FREQUENCY OF ANALYSIS	SAMPLE TYPE		
	REPORTED	PERMITTED			VALUE	UNITS	
000085342 TRANSFER DAYS/MON	REPORTED	PERMITTED	0				
				01	NA	01	NA
316164024 FEC. COLI DLY AVG	REPORTED	PERMITTED					
				14	1/WEEK	03	GRABPKLOAD
316164030 FEC. COLI IND GRAB	REPORTED	PERMITTED					
				14	1/WEEK	03	GRABPKLOAD
500507124 FLOW DLY AVG	REPORTED	PERMITTED					
				02	CONT	11	CONT
500507128 FLOW ANN AVG	REPORTED	PERMITTED					
				02	CONT	11	CONT
800821024 BOD CARB DLY AVG	REPORTED	PERMITTED					
				14	1/WEEK	03	GRABPKLOAD
NUMBER OF OPERATOR CERTIFICATE	REPORTED	PERMITTED	WW0025836	0	01		NA
					01	01	NA NA
EXPIRATION OF OPERATOR CERTIFICATE	REPORTED	PERMITTED	11/03/2024	0	01		NA
					01	01	NA NA
CLASS OF OPERATOR CERTIFICATE	REPORTED	PERMITTED	A	0	01		NA
					01	01	NA NA
	REPORTED	PERMITTED					
	REPORTED	PERMITTED					

COMMENTS AND EXPLANATIONS *(Reference all attachments here)*

I CERTIFY THAT I AM FAMILIAR WITH THE INFORMATION CONTAINED IN THIS REPORT AND THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF SUCH INFORMATION IS TRUE AND COMPLETE AND ACCURATE.

TELEPHONE NUMBER			NAME	SIGNATURE	DATE
210	233	3239	Marco Ramos Superintendent-Prod & Treat Ops	<i>Marco Ramos</i>	23 04 13
AREA CODE NUMBER			PLANT OPERATOR	PLANT OPERATOR	YEAR MO. DAY
			Raymond Perez Director, Treatment & Production	<i>Raymond Perez</i>	23 04 14
			EXECUTIVE OFFICER	EXECUTIVE OFFICER	YEAR MO. DAY





Date	002:Q Outfall 002 mgd	001:CBOD5 Effluent CBOD mg/l	Outfall 002 CBOD lbs	001:TSS Effluent TSS mg/l	Outfall 002 TSS lbs	001:ADIST Effluent NH3 mg/l	Outfall 002 NH3 lbs	001EG:ECOL Effluent E. coli cfu/100 ml	002:DO_MIN Minimum DO mg/l	002:PH_MIN Minimum pH su	002:PH_MAX Maximum pH su	001:CL2_MIN Minimum Cl2 Resid mg/l	002:CL2D_MAX Maximum Cl2 Dechlor mg/l	002:2HR 2-Hour Peak Flow mgd	2-Hour Peak Flow gpm
3/1/23	4.5420	2.00	75.76	1.90	71.97	< 0.10	3.79	5.20	7.40	7.10	7.10	1.73	0.05	4.50	3,125
3/2/23	4.5161	2.00	75.33	1.30	48.96	< 0.10	3.77	1.00	7.10	7.00	7.00	1.76	0.04	4.50	3,125
3/3/23	4.5297	2.00	75.56	1.40	52.89	< 0.10	3.78	8.60	7.40	7.10	7.10	1.61	0.01	4.50	3,125
3/4/23	4.5258	3.00	113.24	3.00	113.24	< 0.10	3.77	1.00	6.40	7.10	7.10	1.45	0.03	4.60	3,194
3/5/23	4.5121 B	2.00	75.26	2.00	75.26	< 0.10	3.76	1.00	7.00	7.00	7.00	1.32	0.02	4.50	3,125
3/6/23	4.5149 B	3.00	112.96	3.10	116.73	0.28	10.47	1.00	8.10	7.10	7.10	1.72	0.03	4.50	3,125
3/7/23	4.5318 B	3.00	113.39	2.00	75.59	0.12	4.38	< 1.00	7.10	7.00	7.00	1.70	0.01	4.50	3,125
3/8/23	4.5106	2.00	75.24	1.90	71.47	< 0.10	3.76	4.10	6.80	7.00	7.00	1.21	0.01	4.50	3,125
3/9/23	4.5125	3.00	112.90	2.60	97.85	< 0.10	3.76	1.00	7.20	7.00	7.00	1.29	0.04	4.50	3,125
3/10/23	4.5398 Q	2.00	75.72	3.00	113.59	0.12	4.69	< 1.00	7.80	7.10	7.10	1.50	0.03	4.50	3,125
3/11/23	4.3860 Q	2.00	73.16	2.40	87.79	< 0.10	3.66	1.00	7.20	7.00	7.00	1.61	0.01	4.50	3,125
3/12/23	4.5617	2.37	90.17	2.00	76.09	< 0.10	3.80	1.00	6.70	7.00	7.00	1.58	0.01	4.50	3,125
3/13/23	4.5262	2.00	75.50	1.50	56.62	< 0.10	3.77	4.10	7.90	7.00	7.00	1.27	0.01	4.50	3,125
3/14/23	4.5855	2.00	76.49	2.30	87.96	< 0.10	3.82	1.00	7.60	7.10	7.10	1.36	0.02	4.50	3,125
3/15/23	4.4920	2.00	74.93	1.40	52.45	< 0.10	3.75	3.10	7.60	7.20	7.20	1.23	0.02	4.50	3,125
3/16/23	4.5171	2.00	75.35	2.20	82.88	< 0.10	3.77	3.00	7.60	7.10	7.10	2.03	0.01	4.50	3,125
3/17/23	4.5079	2.00	75.19	2.30	86.47	0.06	2.24	5.10	7.90	7.10	7.10	1.23	0.01	4.50	3,125
3/18/23	4.5178 <	2.00	75.36	3.70	139.41	0.06	2.43	3.10	7.20	7.10	7.10	1.14	0.01	4.50	3,125
3/19/23	4.5817	2.00	76.42	2.20	84.07	0.08	2.93	3.00	8.70	7.20	7.20	1.30	0.01	4.50	3,125
3/20/23	4.5111 <	2.00	75.25	2.00	75.25	0.05	1.96	4.10	8.00	7.10	7.10	1.41	0.02	4.50	3,125
3/21/23	4.5212	2.00	75.41	1.80	67.87	0.07	2.46	4.10	7.90	7.20	7.20	1.36	0.01	4.50	3,125
3/22/23	4.5119 <	2.00	75.26	3.60	135.47	0.14	5.31	3.10	7.40	7.20	7.20	1.32	0.03	4.50	3,125
3/23/23	4.5040 <	2.00	75.13	2.80	105.18	0.07	2.80	< 1.00	7.80	7.20	7.20	1.37	0.05	4.50	3,125
3/24/23	4.5210	3.00	113.12	1.80	67.87	0.07	2.70	< 1.00	7.90	7.10	7.10	1.21	0.06	4.50	3,125
3/25/23	4.5281 <	2.00	75.53	2.40	90.63	0.07	2.47	2.00	7.60	7.20	7.20	1.30	0.01	4.50	3,125
3/26/23	4.4899 B	2.00	74.89	2.00	74.89	0.06	2.14	< 1.00	6.70	7.10	7.10	2.00	0.04	4.50	3,125
3/27/23	4.5442 <	2.00	75.80	2.10	79.59	0.15	5.61	< 1.00	7.70	7.20	7.20	1.72	0.03	4.60	3,194
3/28/23	4.5786	2.00	76.37	3.90	148.92	< 0.10	3.82	2.00	7.50	7.20	7.20	1.26	0.04	4.50	3,125
3/29/23	4.4649 <	2.00	74.47	2.10	78.20	0.12	4.43	1.00	7.60	7.20	7.20	1.23	0.05	4.50	3,125
3/30/23	4.5062	2.00	75.16	1.90	71.41	< 0.10	3.76	1.00	8.00	7.20	7.20	1.17	0.02	4.50	3,125
3/31/23	4.5461	2.00	75.83	2.40	90.99	< 0.10	3.79	3.10	7.60	7.20	7.20	1.23	0.01	4.60	3,194
<b>sum</b>	140.1384	-	2,540.12	-	2,677.55	-	117.38	-	-	-	-	-	-	-	-
<b>min</b>	4.3860	2.00	73.16	1.30	48.96	0.05	1.96	1.00	<b>6.40</b>	<b>7.00</b>	-	<b>1.14</b>	-	4.50	-
<b>max</b>	<b>4.5855</b>	<b>3.00</b>	113.39	<b>3.90</b>	148.92	<b>0.28</b>	<b>10.47</b>	<b>8.60</b>	-	-	<b>7.20</b>	-	<b>0.06</b>	4.60	3,194
<b>mean</b>	<b>4.5206</b>	<b>2.17</b>	<b>81.94</b>	<b>2.29</b>	<b>86.37</b>	<b>0.10</b>	<b>3.79</b>	2.38	-	-	-	-	-	4.51	-
<b>geo</b>	-	-	-	-	-	-	-	<b>1.86</b>	-	-	-	-	-	-	-
<b>Discharge Days =</b>	<b>31</b>	This summary pertains to discharge days only.													

Date	003:Q Outfall 003 mgd	001:CBOD5 Effluent CBOD mg/l	Outfall 003 CBOD lbs	001:TSS Effluent TSS mg/l	Outfall 003 TSS lbs	001:ADIST Effluent NH3 mg/l	Outfall 003 NH3 lbs	001EG:ECOL Effluent E. coli cfu/100 ml	003:DO_MIN Minimum DO mg/l	003:PH_MIN Minimum pH su	003:PH_MAX Maximum pH su	001:CL2_MIN Minimum Cl2 Resid mg/l	003:CL2D_MAX Maximum Cl2 Dechlor mg/l	003:2HR 2-Hour Peak Flow mgd	2-Hour Peak Flow gpm
3/1/23	0.0000	2.00	0.00	1.90	0.00	< 0.10	0.00	5.20				1.73		0.00	0
3/2/23	0.0000	2.00	0.00	1.30	0.00	< 0.10	0.00	1.00				1.76		0.00	0
3/3/23	0.0000	2.00	0.00	1.40	0.00	< 0.10	0.00	8.60				1.61		0.00	0
3/4/23	0.0000	3.00	0.00	3.00	0.00	< 0.10	0.00	1.00				1.45		0.00	0
3/5/23	0.0000	B 2.00	0.00	2.00	0.00	< 0.10	0.00	1.00				1.32		0.00	0
3/6/23	0.0000	B 3.00	0.00	3.10	0.00	0.28	0.00	1.00				1.72		0.00	0
3/7/23	0.0000	B 3.00	0.00	2.00	0.00	0.12	0.00	< 1.00				1.70		0.00	0
3/8/23	0.0000	2.00	0.00	1.90	0.00	< 0.10	0.00	4.10				1.21		0.00	0
3/9/23	0.0000	3.00	0.00	2.60	0.00	< 0.10	0.00	1.00				1.29		0.00	0
3/10/23	0.0000	Q 2.00	0.00	3.00	0.00	0.12	0.00	< 1.00				1.50		0.00	0
3/11/23	0.0000	Q 2.00	0.00	2.40	0.00	< 0.10	0.00	1.00				1.61		0.00	0
3/12/23	0.0000	2.37	0.00	2.00	0.00	< 0.10	0.00	1.00				1.58		0.00	0
3/13/23	0.0000	2.00	0.00	1.50	0.00	< 0.10	0.00	4.10				1.27		0.00	0
3/14/23	0.0000	2.00	0.00	2.30	0.00	< 0.10	0.00	1.00				1.36		0.00	0
3/15/23	0.0000	2.00	0.00	1.40	0.00	< 0.10	0.00	3.10				1.23		0.00	0
3/16/23	0.0000	2.00	0.00	2.20	0.00	< 0.10	0.00	3.00				2.03		0.00	0
3/17/23	0.0000	2.00	0.00	2.30	0.00	0.06	0.00	5.10				1.23		0.00	0
3/18/23	0.0000	< 2.00	0.00	3.70	0.00	0.06	0.00	3.10				1.14		0.00	0
3/19/23	0.0000	2.00	0.00	2.20	0.00	0.08	0.00	3.00				1.30		0.00	0
3/20/23	0.0000	< 2.00	0.00	2.00	0.00	0.05	0.00	4.10				1.41		0.00	0
3/21/23	0.0000	2.00	0.00	1.80	0.00	0.07	0.00	4.10				1.36		0.00	0
3/22/23	0.0000	< 2.00	0.00	3.60	0.00	0.14	0.00	3.10				1.32		0.00	0
3/23/23	0.0000	< 2.00	0.00	2.80	0.00	0.07	0.00	< 1.00				1.37		0.00	0
3/24/23	0.0000	3.00	0.00	1.80	0.00	0.07	0.00	< 1.00				1.21		0.00	0
3/25/23	0.0000	< 2.00	0.00	2.40	0.00	0.07	0.00	2.00				1.30		0.00	0
3/26/23	0.0000	B 2.00	0.00	2.00	0.00	0.06	0.00	< 1.00				2.00		0.00	0
3/27/23	0.0000	< 2.00	0.00	2.10	0.00	0.15	0.00	< 1.00				1.72		0.00	0
3/28/23	0.0000	2.00	0.00	3.90	0.00	< 0.10	0.00	2.00				1.26		0.00	0
3/29/23	0.0000	< 2.00	0.00	2.10	0.00	0.12	0.00	1.00				1.23		0.00	0
3/30/23	0.0000	2.00	0.00	1.90	0.00	< 0.10	0.00	1.00				1.17		0.00	0
3/31/23	0.0000	2.00	0.00	2.40	0.00	< 0.10	0.00	3.10				1.23		0.00	0

Date	004:Q Outfall 004 mgd	001:CBOD5 Effluent CBOD mg/l	Outfall 004 CBOD lbs	001:TSS Effluent TSS mg/l	Outfall 004 TSS lbs	<	001:ADIST Effluent NH3 mg/l	Outfall 004 NH3 lbs	001EG:ECOL E. coli cfu/100 ml	004:DO_MIN Minimum DO mg/l	004:PH_MIN Minimum pH su	004:PH_MAX Maximum pH su	001:CL2_MIN Minimum Cl2 Resid mg/l	004:CL2D_MAX Maximum Cl2 Dechlor mg/l	004:2HR 2-Hour Peak Flow mgd	2-Hour Peak Flow gpm
3/1/23	0.6112	2.00	10.19	1.90	9.69	<	0.10	0.51	5.20	7.90	7.30	7.30	1.73	0.04	0.60	417
3/2/23	0.5961	2.00	9.94	1.30	6.46	<	0.10	0.50	1.00	7.80	7.30	7.30	1.76	0.05	0.60	417
3/3/23	0.5645	2.00	9.42	1.40	6.59	<	0.10	0.47	8.60	7.80	7.40	7.40	1.61	0.01	0.65	451
3/4/23	0.6035	3.00	15.10	3.00	15.10	<	0.10	0.50	1.00	8.00	7.40	7.40	1.45	0.02	0.65	451
3/5/23	0.6416	B 2.00	10.70	2.00	10.70	<	0.10	0.54	1.00	8.00	7.30	7.30	1.32	0.04	0.60	417
3/6/23	0.6129	B 3.00	15.33	3.10	15.85		0.28	1.42	1.00	8.00	7.30	7.30	1.72	0.03	0.60	417
3/7/23	0.6124	B 3.00	15.32	2.00	10.21		0.12	0.59	< 1.00	8.10	7.30	7.30	1.70	0.04	0.60	417
3/8/23	0.5982	2.00	9.98	1.90	9.48	<	0.10	0.50	4.10	7.70	7.30	7.30	1.21	0.04	0.60	417
3/9/23	0.6442	3.00	16.12	2.60	13.97	<	0.10	0.54	1.00	7.90	7.30	7.30	1.29	0.05	0.65	451
3/10/23	0.6634	Q 2.00	11.07	3.00	16.60		0.12	0.69	< 1.00	7.60	7.30	7.30	1.50	0.01	0.65	451
3/11/23	0.6329	Q 2.00	10.56	2.40	12.67	<	0.10	0.53	1.00	7.70	7.20	7.20	1.61	0.05	0.65	451
3/12/23	0.6620	2.37	13.08	2.00	11.04	<	0.10	0.55	1.00	7.30	7.30	7.30	1.58	0.05	0.65	451
3/13/23	0.6250	2.00	10.43	1.50	7.82	<	0.10	0.52	4.10	7.80	7.30	7.30	1.27	0.05	0.65	451
3/14/23	0.7037	2.00	11.74	2.30	13.50	<	0.10	0.59	1.00	7.90	7.30	7.30	1.36	0.03	0.65	451
3/15/23	0.6686	2.00	11.15	1.40	7.81	<	0.10	0.56	3.10	8.10	7.30	7.30	1.23	0.06	0.65	451
3/16/23	0.6815	2.00	11.37	2.20	12.50	<	0.10	0.57	3.00	7.40	7.30	7.30	2.03	0.01	0.65	451
3/17/23	0.6968	2.00	11.62	2.30	13.37		0.06	0.35	5.10	7.80	7.30	7.30	1.23	0.01	0.65	451
3/18/23	0.6913	< 2.00	11.53	3.70	21.33		0.06	0.37	3.10	8.20	7.40	7.40	1.14	0.01	0.70	486
3/19/23	0.7452	2.00	12.43	2.20	13.67		0.08	0.48	3.00	8.30	7.40	7.40	1.30	0.01	0.70	486
3/20/23	0.7155	< 2.00	11.93	2.00	11.93		0.05	0.31	4.10	8.30	7.50	7.50	1.41	0.02	0.70	486
3/21/23	0.6543	2.00	10.91	1.80	9.82		0.07	0.36	4.10	7.70	7.40	7.40	1.36	0.01	0.60	417
3/22/23	0.5920	< 2.00	9.87	3.60	17.77		0.14	0.70	3.10	8.20	7.40	7.40	1.32	0.03	0.65	451
3/23/23	0.6178	< 2.00	10.30	2.80	14.43		0.07	0.38	< 1.00	7.60	7.30	7.30	1.37	0.05	0.60	417
3/24/23	0.6220	3.00	15.56	1.80	9.34		0.07	0.37	< 1.00	7.90	7.40	7.40	1.21	0.05	0.70	486
3/25/23	0.6357	< 2.00	10.60	2.40	12.72		0.07	0.35	2.00	8.20	7.40	7.40	1.30	0.03	0.70	486
3/26/23	0.6423	B 2.00	10.71	2.00	10.71		0.06	0.31	< 1.00	7.40	7.40	7.40	2.00	0.05	0.60	417
3/27/23	0.6530	< 2.00	10.89	2.10	11.44		0.15	0.81	< 1.00	7.80	7.30	7.30	1.72	0.02	0.65	451
3/28/23	0.6350	2.00	10.59	3.90	20.65	<	0.10	0.53	2.00	7.80	7.30	7.30	1.26	0.01	0.70	486
3/29/23	0.6830	< 2.00	11.39	2.10	11.96		0.12	0.68	1.00	7.80	7.30	7.30	1.23	0.03	0.70	486
3/30/23	0.6452	2.00	10.76	1.90	10.22	<	0.10	0.54	1.00	8.00	7.30	7.30	1.17	0.01	0.70	486
3/31/23	0.6652	2.00	11.10	2.40	13.31	<	0.10	0.55	3.10	8.00	7.30	7.30	1.23	0.02	0.70	486
<b>sum</b>	20.0160	-	361.72	-	382.68	-	-	16.64	-	-	-	-	-	-	-	-
<b>min</b>	0.5645	2.00	9.42	1.30	6.46		0.05	0.31	1.00	<b>7.30</b>	<b>7.20</b>	-	<b>1.14</b>	-	0.60	-
<b>max</b>	<b>0.7452</b>	<b>3.00</b>	16.12	<b>3.90</b>	21.33		<b>0.28</b>	1.42	<b>8.60</b>	-	-	<b>7.50</b>	-	<b>0.06</b>	0.70	486
<b>mean</b>	<b>0.6457</b>	<b>2.17</b>	<b>11.67</b>	<b>2.29</b>	<b>12.34</b>		<b>0.10</b>	<b>0.54</b>	2.38	-	-	-	-	-	0.65	-
<b>geo</b>	-	-	-	-	-		-	-	<b>1.86</b>	-	-	-	-	-	-	-
<b>Discharge Days =</b>	<b>31</b>	This summary pertains to discharge days only.														



Date	006:Q Outfall 006 mgd	001:CBOD5 Effluent CBOD mg/l	Outfall 006 CBOD lbs	001:TSS Effluent TSS mg/l	Outfall 006 TSS lbs	<	001:ADIST Effluent NH3 mg/l	Outfall 006 NH3 lbs	001EG:ECOL Effluent E. coli cfu/100 ml	006:DO_MIN Minimum DO mg/l	006:PH_MIN Minimum pH su	006:PH_MAX Maximum pH su	001:CL2_MIN Minimum Cl2 Resid mg/l	006:CL2D_MAX Maximum Cl2 Dechlor mg/l	006:2HR 2-Hour Peak Flow mgd	2-Hour Peak Flow gpm
3/1/23	0.0000	2.00	0.00	1.90	0.00	<	0.10	0.00	5.20				1.73		0.00	0
3/2/23	0.0000	2.00	0.00	1.30	0.00	<	0.10	0.00	1.00				1.76		0.00	0
3/3/23	0.0000	2.00	0.00	1.40	0.00	<	0.10	0.00	8.60				1.61		0.00	0
3/4/23	0.0000	3.00	0.00	3.00	0.00	<	0.10	0.00	1.00				1.45		0.00	0
3/5/23	0.0000	B	2.00	0.00	2.00	0.00	<	0.10	0.00	1.00			1.32		0.00	0
3/6/23	0.0000	B	3.00	0.00	3.10	0.00	0.28	0.00	1.00				1.72		0.00	0
3/7/23	0.0000	B	3.00	0.00	2.00	0.00	0.12	0.00	<	1.00			1.70		0.00	0
3/8/23	0.0000		2.00	0.00	1.90	0.00	<	0.10	0.00	4.10			1.21		0.00	0
3/9/23	0.0000		3.00	0.00	2.60	0.00	<	0.10	0.00	1.00			1.29		0.00	0
3/10/23	0.0000	Q	2.00	0.00	3.00	0.00	0.12	0.00	<	1.00			1.50		0.00	0
3/11/23	0.0000	Q	2.00	0.00	2.40	0.00	<	0.10	0.00	1.00			1.61		0.00	0
3/12/23	0.0000		2.37	0.00	2.00	0.00	<	0.10	0.00	1.00			1.58		0.00	0
3/13/23	0.0000		2.00	0.00	1.50	0.00	<	0.10	0.00	4.10			1.27		0.00	0
3/14/23	0.0000		2.00	0.00	2.30	0.00	<	0.10	0.00	1.00			1.36		0.00	0
3/15/23	0.0000		2.00	0.00	1.40	0.00	<	0.10	0.00	3.10			1.23		0.00	0
3/16/23	0.0000		2.00	0.00	2.20	0.00	<	0.10	0.00	3.00			2.03		0.00	0
3/17/23	0.0000		2.00	0.00	2.30	0.00	0.06	0.00	5.10				1.23		0.00	0
3/18/23	0.0000	<	2.00	0.00	3.70	0.00	0.06	0.00	3.10				1.14		0.00	0
3/19/23	0.0000		2.00	0.00	2.20	0.00	0.08	0.00	3.00				1.30		0.00	0
3/20/23	0.0000	<	2.00	0.00	2.00	0.00	0.05	0.00	4.10				1.41		0.00	0
3/21/23	0.0000		2.00	0.00	1.80	0.00	0.07	0.00	4.10				1.36		0.00	0
3/22/23	0.0000	<	2.00	0.00	3.60	0.00	0.14	0.00	3.10				1.32		0.00	0
3/23/23	0.0000	<	2.00	0.00	2.80	0.00	0.07	0.00	<	1.00			1.37		0.00	0
3/24/23	0.0000		3.00	0.00	1.80	0.00	0.07	0.00	<	1.00			1.21		0.00	0
3/25/23	0.0000	<	2.00	0.00	2.40	0.00	0.07	0.00	2.00				1.30		0.00	0
3/26/23	0.0000	B	2.00	0.00	2.00	0.00	0.06	0.00	<	1.00			2.00		0.00	0
3/27/23	0.0000	<	2.00	0.00	2.10	0.00	0.15	0.00	<	1.00			1.72		0.00	0
3/28/23	0.0000		2.00	0.00	3.90	0.00	<	0.10	0.00	2.00			1.26		0.00	0
3/29/23	0.0000	<	2.00	0.00	2.10	0.00	0.12	0.00	1.00				1.23		0.00	0
3/30/23	0.0000		2.00	0.00	1.90	0.00	<	0.10	0.00	1.00			1.17		0.00	0
3/31/23	0.0000		2.00	0.00	2.40	0.00	<	0.10	0.00	3.10			1.23		0.00	0

Date range for this report: 4/1/2022 to 3/31/2023

MO / YR	Outfall 001 Medina River			Outfall 002 Brackenridge Park			Outfall 003 Josephine St.			Outfall 004 James Park			Outfall 005 Convention Center			Outfall 006 SA River		
	Total mg	Avg mgd	Discharge Days	Total mg	Avg mgd	Discharge Days	Total mg	Avg mgd	Discharge Days	Total mg	Avg mgd	Discharge Days	Total mg	Avg mgd	Discharge Days	Total mg	Avg mgd	Discharge Days
4 / 2022	2,333.00	77.77	30	113.31	3.78	30	0.00	0.00	0	27.90	0.93	30	16.12	0.54	30	0.00	0.00	0
5 / 2022	2,669.90	86.13	31	113.53	3.66	31	0.00	0.00	0	33.58	1.12	30	20.76	0.67	31	0.00	0.00	0
6 / 2022	2,582.60	86.09	30	112.07	3.74	30	0.00	0.00	0	42.16	1.41	30	25.50	0.85	30	0.00	0.00	0
7 / 2022	2,504.70	80.80	31	149.58	4.83	31	0.00	0.00	0	35.74	1.15	31	23.47	0.76	31	0.00	0.00	0
8 / 2022	2,695.40	86.95	31	146.96	4.74	31	0.00	0.00	0	23.01	0.74	31	19.92	0.64	31	0.00	0.00	0
9 / 2022	2,560.30	85.34	30	133.43	4.45	30	0.00	0.00	0	18.60	0.69	27	20.91	0.70	30	0.00	0.00	0
10 / 2022	2,610.60	84.21	31	141.15	4.55	31	0.00	0.00	0	20.80	0.83	25	20.77	0.69	30	0.00	0.00	0
11 / 2022	2,565.70	85.52	30	134.42	4.48	30	0.00	0.00	0	15.74	0.66	24	20.70	0.71	29	0.00	0.00	0
12 / 2022	2,692.80	86.86	31	141.11	4.55	31	0.00	0.00	0	23.68	0.76	31	23.05	0.74	31	0.00	0.00	0
1 / 2023	2,590.30	83.56	31	141.69	5.06	28	0.00	0.00	0	20.62	0.67	31	20.26	0.65	31	0.00	0.00	0
2 / 2023	2,412.10	86.15	28	126.84	4.53	28	0.00	0.00	0	18.13	0.65	28	18.13	0.65	28	0.00	0.00	0
3 / 2023	2,642.30	85.24	31	140.14	4.52	31	0.00	0.00	0	20.02	0.65	31	20.09	0.65	31	0.00	0.00	0
	30,859.70	84.55	365	1,594.24	4.40	362	0.00	0.00	0	299.99	0.86	349	249.69	0.69	363	0.00	0.00	0

Date range for this report: 3/1/2023 to 3/31/2023

Sample Date	Effluent to Outfall 001 SA River mgd	Effluent to Outfall 101 Recycle System mgd	Effluent to Outfall 102 001 + 101 mgd
3/1/23	85.10	7.55	92.65
3/2/23	85.20	6.91	92.11
3/3/23	85.00	6.66	91.66
3/4/23	80.80	7.11	87.91
3/5/23	81.60	6.41	88.01
3/6/23	85.00	7.88	92.88
3/7/23	84.70	6.83	91.53
3/8/23	84.70	7.61	92.31
3/9/23	85.00	8.67	93.67
3/10/23	84.50	7.96	92.46
3/11/23	84.60	6.53	91.13
3/12/23	80.20	6.69	86.89
3/13/23	80.40	7.86	88.26
3/14/23	82.30	8.54	90.84
3/15/23	82.80	8.10	90.90
3/16/23	84.30	6.09	90.39
3/17/23	93.90	6.70	100.60
3/18/23	92.50	6.62	99.12
3/19/23	83.60	6.22	89.82
3/20/23	86.40	6.42	92.82
3/21/23	90.70	6.48	97.18
3/22/23	91.70	6.46	98.16
3/23/23	89.60	7.75	97.35
3/24/23	85.80	7.73	93.53
3/25/23	81.20	6.11	87.31
3/26/23	81.30	6.89	88.19
3/27/23	90.80	7.23	98.03
3/28/23	85.10	8.20	93.30
3/29/23	81.30	7.84	89.15
3/30/23	82.80	7.58	90.38
3/31/23	89.40	7.24	96.64
<b>SUM</b>	2,642.30	222.91	2,865.21
<b>MIN</b>	80.20	6.09	86.89
<b>MAX</b>	<b>93.90</b>	<b>8.67</b>	<b>100.60</b>
<b>AVG</b>	<b>85.24</b>	<b>7.19</b>	<b>92.43</b>



Sample Date	Effluent to Outfall 001 Medina River mgd	Effluent to Outfall 002 Brackenridge Park mgd	Effluent to Outfall 003 Josephine St. mgd	Effluent to Outfall 004 James Park mgd	Effluent to Outfall 005 Convention Center mgd	Effluent to Outfall 006 San Antonio River mgd	Effluent Distributed as Type I mgd	Total Plant Effluent 001, 800, 900 mgd
3/1/23	85.1000	4.5420	0.0000	0.6112	0.6287	0.0000	1.773100	92.6550
3/2/23	85.2000	4.5161	0.0000	0.5961	0.6438	0.0000	1.156000	92.1120
3/3/23	85.0000	4.5297	0.0000	0.5645	0.6477	0.0000	0.919100	91.6610
3/4/23	80.8000	4.5258	0.0000	0.6035	0.6503	0.0000	1.333400	87.9130
3/5/23	81.6000	4.5121	0.0000	0.6416	0.6482	0.0000	0.610100	88.0120
3/6/23	85.0000	4.5149	0.0000	0.6129	0.6403	0.0000	2.110900	92.8790
3/7/23	84.7000	4.5318	0.0000	0.6124	0.6465	0.0000	1.043300	91.5340
3/8/23	84.7000	4.5106	0.0000	0.5982	0.6535	0.0000	1.844700	92.3070
3/9/23	85.0000	4.5125	0.0000	0.6442	0.6571	0.0000	2.859200	93.6730
3/10/23	84.5000	4.5398	0.0000	0.6634	0.6739	0.0000	2.080900	92.4580
3/11/23	84.6000	4.3860	0.0000	0.6329	0.6200	0.0000	0.895100	91.1340
3/12/23	80.2000	4.5617	0.0000	0.6620	0.6390	0.0000	0.829300	86.8920
3/13/23	80.4000	4.5262	0.0000	0.6250	0.6710	0.0000	2.034800	88.2570
3/14/23	82.3000	4.5855	0.0000	0.7037	0.6387	0.0000	2.609100	90.8370
3/15/23	82.8000	4.4920	0.0000	0.6686	0.6568	0.0000	2.287599	90.9050
3/16/23	84.3000	4.5171	0.0000	0.6815	0.6600	0.0000	0.235400	90.3940
3/17/23	93.9000	4.5079	0.0000	0.6968	0.6320	0.0000	0.858300	100.5950
3/18/23	92.5000	4.5178	0.0000	0.6913	0.6221	0.0000	0.787800	99.1190
3/19/23	83.6000	4.5817	0.0000	0.7452	0.6559	0.0000	0.235200	89.8180
3/20/23	86.4000	4.5111	0.0000	0.7155	0.6664	0.0000	0.528000	92.8210
3/21/23	90.7000	4.5212	0.0000	0.6543	0.6518	0.0000	0.651700	97.1790
3/22/23	91.7000	4.5119	0.0000	0.5920	0.6088	0.0000	0.750300	98.1630
3/23/23	89.6000	4.5040	0.0000	0.6178	0.6730	0.0000	1.952200	97.3470
3/24/23	85.8000	4.5210	0.0000	0.6220	0.6608	0.0000	1.928200	93.5320
3/25/23	81.2000	4.5281	0.0000	0.6357	0.6474	0.0000	0.303800	87.3150
3/26/23	81.3000	4.4899	0.0000	0.6423	0.6085	0.0000	1.146300	88.1870
3/27/23	90.8000	4.5442	0.0000	0.6530	0.6509	0.0000	1.384900	98.0330
3/28/23	85.1000	4.5786	0.0000	0.6350	0.6781	0.0000	2.310300	93.3020
3/29/23	81.3000	4.4649	0.0000	0.6830	0.6362	0.0000	2.060900	89.1450
3/30/23	82.8000	4.5062	0.0000	0.6452	0.6590	0.0000	1.772600	90.3830
3/31/23	89.4000	4.5461	0.0000	0.6652	0.6632	0.0000	1.369500	96.6440
<b>DISCHARGE DAYS</b>	31	31	0	31	31	0	31	31
<b>SUM</b>	2,642.3000	140.1384	0.0000	20.0160	20.0896	0.0000	42.6620	2,865.2060
<b>AVG</b>	85.2355	4.5206	0.0000	0.6457	0.6481	0.0000	1.3762	92.4260

Date	Transferred to Recycle System (mgd)	Truck and Haul Volume (mgd)	Type I Used on Plant (mgd)	Volume Discharged at Outfalls 002 thru 006 (mgd)	Volume Distributed as Type I (mgd)	Outfall 001 CBOD5 mg/l	Outfall 001 Turbidity mg/l	Outfall 001 E. Coli. cfu/100 ml	Pre-dechlor effluent E. Coli. cfu / 100 ml	Outfall 800 Chlorine Residual mg/l
3/1/2023	7.555000	0.00000	0.000000	5.781899	1.773100	2.00	1.30	5.20	3.10	1.73
3/2/2023	6.912000	0.00000	0.000000	5.756000	1.156000	2.00	1.20	1.00	1.00	1.76
3/3/2023	6.661000	0.00000	0.000000	5.741899	0.919100	2.00	0.90	8.60	< 1.00	1.61
3/4/2023	7.113000	0.00000	0.000000	5.779600	1.333400	3.00	1.20	1.00	3.00	1.45
3/5/2023	6.412000	0.00000	0.000000	5.801900	0.610100	B 2.00	1.20	1.00	49.60	1.32
3/6/2023	7.879000	0.00000	0.000000	5.768100	2.110900	B 3.00	1.10	1.00	71.90	1.72
3/7/2023	6.834000	0.00000	0.000000	5.790700	1.043300	B 3.00	0.95	< 1.00	1.00	1.70
3/8/2023	7.607000	0.00000	0.000000	5.762300	1.844700	2.00	1.20	4.10	1.00	1.21
3/9/2023	8.673000	0.00000	0.000000	5.813800	2.859200	3.00	1.90	1.00	11.00	1.29
3/10/2023	7.958000	0.00000	0.000000	5.877100	2.080900	Q 2.00	1.60	< 1.00	1.00	1.50
3/11/2023	6.534000	0.00000	0.000000	5.638900	0.895100	Q 2.00	1.40	1.00	1.00	1.61
3/12/2023	6.692000	0.00000	0.000000	5.862700	0.829300	2.37	1.40	1.00	1.00	1.58
3/13/2023	7.857000	0.00000	0.000000	5.822200	2.034800	2.00	0.95	4.10	6.30	1.27
3/14/2023	8.537000	0.00000	0.000000	5.927900	2.609100	2.00	0.85	1.00	2.00	1.36
3/15/2023	8.105000	0.00000	0.000000	5.817400	2.287599	2.00	1.20	3.10	2.00	1.23
3/16/2023	6.094000	0.00000	0.000000	5.858600	0.235400	2.00	1.40	3.00	1.00	2.03
3/17/2023	6.695000	0.00000	0.000000	5.836700	0.858300	2.00	1.40	5.10	1.00	1.23
3/18/2023	6.619000	0.00000	0.000000	5.831200	0.787800	< 2.00	1.40	3.10	3.10	1.14
3/19/2023	6.218000	0.00000	0.000000	5.982800	0.235200	2.00	1.00	3.00	4.10	1.30
3/20/2023	6.421000	0.00000	0.000000	5.893000	0.528000	< 2.00	0.60	4.10	5.20	1.41
3/21/2023	6.479000	0.00000	0.000000	5.827300	0.651700	2.00	0.95	4.10	< 1.00	1.36
3/22/2023	6.463000	0.00000	0.000000	5.712700	0.750300	< 2.00	1.30	3.10	1.00	1.32
3/23/2023	7.747000	0.00000	0.000000	5.794800	1.952200	< 2.00	1.10	< 1.00	< 1.00	1.37
3/24/2023	7.732000	0.00000	0.000000	5.803800	1.928200	3.00	1.10	< 1.00	2.00	1.21
3/25/2023	6.115000	0.00000	0.000000	5.811200	0.303800	< 2.00	1.20	2.00	1.00	1.30
3/26/2023	6.887000	0.00000	0.000000	5.740700	1.146300	B 2.00	0.80	< 1.00	1.00	2.00
3/27/2023	7.233000	0.00000	0.000000	5.848100	1.384900	< 2.00	1.10	< 1.00	2.00	1.72
3/28/2023	8.202000	0.00000	0.000000	5.891700	2.310300	2.00	1.10	2.00	1.00	1.26
3/29/2023	7.845000	0.00000	0.000000	5.784100	2.060900	< 2.00	0.75	1.00	2.00	1.23
3/30/2023	7.583000	0.00000	0.000000	5.810400	1.772600	2.00	0.85	1.00	< 1.00	1.17
3/31/2023	7.244000	0.00000	0.000000	5.874500	1.369500	2.00	1.30	3.10	1.00	1.23

The summary below pertains to transfer days only.

Transfer	sum	222.905999	0.00000	0.000000	180.243998	42.661999	-	-	-	-	-
Days =	31	min	6.094000	0.00000	0.000000	5.638900	2.00	0.60	1.00	1.00	1.14
		max	8.673000	0.00000	0.000000	5.982800	2.859200	1.90	8.60	71.90	2.03
		arithmetic mean	7.190516	0.00000	0.000000	5.814323	1.376194	2.17	2.38	5.95	1.44
		geometric mean	-	-	-	-	-	-	1.86	2.05	-

Date	Outfall 900 Type II Reclaimed Water mgd	Effluent CBOD mg/l	Effluent Fecal Coliform cfu
3/1/23	0.000		2.00
3/2/23	0.000		2.00
3/3/23	0.000		2.00
3/4/23	0.000		3.00
3/5/23	0.000	B	2.00
3/6/23	0.000	B	3.00
3/7/23	0.000	B	3.00
3/8/23	0.000		2.00
3/9/23	0.000		3.00
3/10/23	0.000	Q	2.00
3/11/23	0.000	Q	2.00
3/12/23	0.000		2.37
3/13/23	0.000		2.00
3/14/23	0.000		2.00
3/15/23	0.000		2.00
3/16/23	0.000		2.00
3/17/23	0.000		2.00
3/18/23	0.000	<	2.00
3/19/23	0.000		2.00
3/20/23	0.000	<	2.00
3/21/23	0.000		2.00
3/22/23	0.000	<	2.00
3/23/23	0.000	<	2.00
3/24/23	0.000		3.00
3/25/23	0.000	<	2.00
3/26/23	0.000	B	2.00
3/27/23	0.000	<	2.00
3/28/23	0.000		2.00
3/29/23	0.000	<	2.00
3/30/23	0.000		2.00
3/31/23	0.000		2.00

The summary below pertains to transfer days only.

Date range for this report: 4/1/2022 to 3/31/2023

MO / YR	Outfall 800 Type I Reclaimed Water			Outfall 900 Type II Reclaimed Water			Total Plant Effluent Flow (001, 800, 900)			Outfall 101 Volume to Recycle System			Outfall 102 Outfalls 001 Plus 101		
	Total mg	Avg mgd	Transfer Days	Total mg	Avg mgd	Transfer Days	Total mg	Avg mgd	Discharge Days	Total mg	Avg mgd	Discharge Days	Total mg	Avg mgd	Discharge Days
4 / 2022	121.86	4.06	30	0.00	0.00	0	2,612.19	87.07	30	279.19	9.31	30	2,612.19	87.07	30
5 / 2022	98.47	3.18	31	0.00	0.00	0	2,936.25	94.72	31	266.35	8.59	31	2,936.25	94.72	31
6 / 2022	96.82	3.23	30	0.00	0.00	0	2,859.16	95.31	30	276.56	9.22	30	2,859.16	95.31	30
7 / 2022	137.50	4.44	31	0.00	0.00	0	2,850.99	91.97	31	346.29	11.17	31	2,850.99	91.97	31
8 / 2022	77.08	3.21	24	0.00	0.00	0	2,951.73	95.22	31	256.33	8.27	31	2,951.73	95.22	31
9 / 2022	62.09	2.70	23	0.00	0.00	0	2,782.22	92.74	30	221.92	7.40	30	2,782.22	92.74	30
10 / 2022	3.29	0.47	7	0.00	0.00	0	2,772.12	89.42	31	161.52	5.21	31	2,772.12	89.42	31
11 / 2022	7.26	0.91	8	0.00	0.00	0	2,683.89	89.46	30	118.19	3.94	30	2,683.89	89.46	30
12 / 2022	0.00	0.00	0	0.00	0.00	0	2,748.21	88.65	31	55.41	1.91	29	2,748.21	88.65	31
1 / 2023	18.00	0.95	19	0.00	0.00	0	2,718.97	87.71	31	128.67	4.15	31	2,718.97	87.71	31
2 / 2023	33.12	1.23	27	0.00	0.00	0	2,608.12	93.15	28	196.02	7.00	28	2,608.12	93.15	28
3 / 2023	42.66	1.38	31	0.00	0.00	0	2,865.21	92.43	31	222.91	7.19	31	2,865.21	92.43	31
	698.16	2.67	261	0.00	0.00	0	33,389.05	91.48	365	2,529.35	6.97	363	33,389.05	91.48	365

Sample Date		001:CBOD5 Outfall 001 CBOD5 mg/l	001:TSS Outfall 001 TSS mg/l	001:ADIST Outfall 001 NH3 mg/l
Sunday, March 5, 2023	B	2.00	2.00	< 0.10
Monday, March 6, 2023	B	3.00	3.10	0.28
Tuesday, March 7, 2023	B	3.00	2.00	0.12
Wednesday, March 8, 2023		2.00	1.90	< 0.10
Thursday, March 9, 2023		3.00	2.60	< 0.10
Friday, March 10, 2023	Q	2.00	3.00	0.12
Saturday, March 11, 2023	Q	2.00	2.40	< 0.10
<b>Averages for week of: 3/5/2023</b>		<b>2.43</b>	<b>2.43</b>	<b>0.13</b>
Sunday, March 12, 2023		2.37	2.00	< 0.10
Monday, March 13, 2023		2.00	1.50	< 0.10
Tuesday, March 14, 2023		2.00	2.30	< 0.10
Wednesday, March 15, 2023		2.00	1.40	< 0.10
Thursday, March 16, 2023		2.00	2.20	< 0.10
Friday, March 17, 2023		2.00	2.30	0.06
Saturday, March 18, 2023	<	2.00	3.70	0.06
<b>Averages for week of: 3/12/2023</b>		<b>2.05</b>	<b>2.20</b>	<b>0.09</b>
Sunday, March 19, 2023		2.00	2.20	0.08
Monday, March 20, 2023	<	2.00	2.00	0.05
Tuesday, March 21, 2023		2.00	1.80	0.07
Wednesday, March 22, 2023	<	2.00	3.60	0.14
Thursday, March 23, 2023	<	2.00	2.80	0.07
Friday, March 24, 2023		3.00	1.80	0.07
Saturday, March 25, 2023	<	2.00	2.40	0.07
<b>Averages for week of: 3/19/2023</b>		<b>2.14</b>	<b>2.37</b>	<b>0.08</b>

Sample Date		001:CBOD5 Outfall 001 CBOD5 mg/l	001:TSS Outfall 001 TSS mg/l	001:ADIST Outfall 001 NH3 mg/l
Sunday, March 26, 2023	B	2.00	2.00	0.06
Monday, March 27, 2023	<	2.00	2.10	0.15
Tuesday, March 28, 2023		2.00	3.90	< 0.10
Wednesday, March 29, 2023	<	2.00	2.10	0.12
Thursday, March 30, 2023		2.00	1.90	< 0.10
Friday, March 31, 2023		2.00	2.40	< 0.10
Saturday, April 1, 2023		2.00	2.30	< 0.10
<b>Averages for week of: 3/26/2023</b>		<b>2.00</b>	<b>2.39</b>	<b>0.10</b>

Sample Date	002:Q Outfall 002 Flow mgd		001:CBOD5 Outfall 002 CBOD5 mg/l	001:TSS Outfall 002 TSS mg/l	001:ADIST Outfall 002 NH3 mg/l
Sunday, March 5, 2023	4.512100	B	2.00	2.00	< 0.10
Monday, March 6, 2023	4.514900	B	3.00	3.10	0.28
Tuesday, March 7, 2023	4.531800	B	3.00	2.00	0.12
Wednesday, March 8, 2023	4.510600		2.00	1.90	< 0.10
Thursday, March 9, 2023	4.512500		3.00	2.60	< 0.10
Friday, March 10, 2023	4.539800	Q	2.00	3.00	0.12
Saturday, March 11, 2023	4.386000	Q	2.00	2.40	< 0.10
<b>Averages for week of: 3/5/2023</b>			<b>2.43</b>	<b>2.43</b>	<b>0.13</b>
Sunday, March 12, 2023	4.561700		2.37	2.00	< 0.10
Monday, March 13, 2023	4.526200		2.00	1.50	< 0.10
Tuesday, March 14, 2023	4.585500		2.00	2.30	< 0.10
Wednesday, March 15, 2023	4.492000		2.00	1.40	< 0.10
Thursday, March 16, 2023	4.517100		2.00	2.20	< 0.10
Friday, March 17, 2023	4.507900		2.00	2.30	0.06
Saturday, March 18, 2023	4.517800	<	2.00	3.70	0.06
<b>Averages for week of: 3/12/2023</b>			<b>2.05</b>	<b>2.20</b>	<b>0.09</b>
Sunday, March 19, 2023	4.581700		2.00	2.20	0.08
Monday, March 20, 2023	4.511100	<	2.00	2.00	0.05
Tuesday, March 21, 2023	4.521200		2.00	1.80	0.07
Wednesday, March 22, 2023	4.511900	<	2.00	3.60	0.14
Thursday, March 23, 2023	4.504000	<	2.00	2.80	0.07
Friday, March 24, 2023	4.521000		3.00	1.80	0.07
Saturday, March 25, 2023	4.528100	<	2.00	2.40	0.07
<b>Averages for week of: 3/19/2023</b>			<b>2.14</b>	<b>2.37</b>	<b>0.08</b>

Sample Date	002:Q Outfall 002 Flow mgd		001:CBOD5 Outfall 002 CBOD5 mg/l	001:TSS Outfall 002 TSS mg/l	001:ADIST Outfall 002 NH3 mg/l
Sunday, March 26, 2023	4.489900	B	2.00	2.00	0.06
Monday, March 27, 2023	4.544200	<	2.00	2.10	0.15
Tuesday, March 28, 2023	4.578600		2.00	3.90	< 0.10
Wednesday, March 29, 2023	4.464900	<	2.00	2.10	0.12
Thursday, March 30, 2023	4.506200		2.00	1.90	< 0.10
Friday, March 31, 2023	4.546100		2.00	2.40	< 0.10
Saturday, April 1, 2023	4.603700		2.00	2.30	< 0.10
<b>Averages for week of: 3/26/2023</b>			<b>2.00</b>	<b>2.39</b>	<b>0.10</b>



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Sample Date	003:Q Outfall 003 Flow mgd	001:CBOD5 Outfall 003 CBOD5 mg/l	001:TSS Outfall 003 TSS mg/l	001:ADIST Outfall 003 NH3 mg/l
Sunday, March 5, 2023	0.000000			
Monday, March 6, 2023	0.000000			
Tuesday, March 7, 2023	0.000000			
Wednesday, March 8, 2023	0.000000			
Thursday, March 9, 2023	0.000000			
Friday, March 10, 2023	0.000000			
Saturday, March 11, 2023	0.000000			
<b>Averages for week of: 3/5/2023</b>				
Sunday, March 12, 2023	0.000000			
Monday, March 13, 2023	0.000000			
Tuesday, March 14, 2023	0.000000			
Wednesday, March 15, 2023	0.000000			
Thursday, March 16, 2023	0.000000			
Friday, March 17, 2023	0.000000			
Saturday, March 18, 2023	0.000000			
<b>Averages for week of: 3/12/2023</b>				
Sunday, March 19, 2023	0.000000			
Monday, March 20, 2023	0.000000			
Tuesday, March 21, 2023	0.000000			
Wednesday, March 22, 2023	0.000000			
Thursday, March 23, 2023	0.000000			
Friday, March 24, 2023	0.000000			
Saturday, March 25, 2023	0.000000			
<b>Averages for week of: 3/19/2023</b>				

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Sample Date	003:Q Outfall 003 Flow mgd	001:CBOD5 Outfall 003 CBOD5 mg/l	001:TSS Outfall 003 TSS mg/l	001:ADIST Outfall 003 NH3 mg/l
Sunday, March 26, 2023	0.000000			
Monday, March 27, 2023	0.000000			
Tuesday, March 28, 2023	0.000000			
Wednesday, March 29, 2023	0.000000			
Thursday, March 30, 2023	0.000000			
Friday, March 31, 2023	0.000000			
Saturday, April 1, 2023	0.000000			

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**Averages for week of: 3/26/2023**

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Sample Date	004:Q Outfall 004 Flow mgd		001:CBOD5 Outfall 004 CBOD5 mg/l	001:TSS Outfall 004 TSS mg/l	001:ADIST Outfall 004 NH3 mg/l
Sunday, March 5, 2023	0.641600	B	2.00	2.00	< 0.10
Monday, March 6, 2023	0.612900	B	3.00	3.10	0.28
Tuesday, March 7, 2023	0.612400	B	3.00	2.00	0.12
Wednesday, March 8, 2023	0.598200		2.00	1.90	< 0.10
Thursday, March 9, 2023	0.644200		3.00	2.60	< 0.10
Friday, March 10, 2023	0.663400	Q	2.00	3.00	0.12
Saturday, March 11, 2023	0.632900	Q	2.00	2.40	< 0.10
<b>Averages for week of: 3/5/2023</b>			<b>2.43</b>	<b>2.43</b>	<b>0.13</b>
Sunday, March 12, 2023	0.662000		2.37	2.00	< 0.10
Monday, March 13, 2023	0.625000		2.00	1.50	< 0.10
Tuesday, March 14, 2023	0.703700		2.00	2.30	< 0.10
Wednesday, March 15, 2023	0.668600		2.00	1.40	< 0.10
Thursday, March 16, 2023	0.681500		2.00	2.20	< 0.10
Friday, March 17, 2023	0.696800		2.00	2.30	0.06
Saturday, March 18, 2023	0.691300	<	2.00	3.70	0.06
<b>Averages for week of: 3/12/2023</b>			<b>2.05</b>	<b>2.20</b>	<b>0.09</b>
Sunday, March 19, 2023	0.745200		2.00	2.20	0.08
Monday, March 20, 2023	0.715500	<	2.00	2.00	0.05
Tuesday, March 21, 2023	0.654300		2.00	1.80	0.07
Wednesday, March 22, 2023	0.592000	<	2.00	3.60	0.14
Thursday, March 23, 2023	0.617800	<	2.00	2.80	0.07
Friday, March 24, 2023	0.622000		3.00	1.80	0.07
Saturday, March 25, 2023	0.635700	<	2.00	2.40	0.07
<b>Averages for week of: 3/19/2023</b>			<b>2.14</b>	<b>2.37</b>	<b>0.08</b>

Sample Date	004:Q Outfall 004 Flow mgd		001:CBOD5 Outfall 004 CBOD5 mg/l	001:TSS Outfall 004 TSS mg/l	001:ADIST Outfall 004 NH3 mg/l
Sunday, March 26, 2023	0.642300	B	2.00	2.00	0.06
Monday, March 27, 2023	0.653000	<	2.00	2.10	0.15
Tuesday, March 28, 2023	0.635000		2.00	3.90	< 0.10
Wednesday, March 29, 2023	0.683000	<	2.00	2.10	0.12
Thursday, March 30, 2023	0.645200		2.00	1.90	< 0.10
Friday, March 31, 2023	0.665200		2.00	2.40	< 0.10
Saturday, April 1, 2023	0.664800		2.00	2.30	< 0.10
<b>Averages for week of: 3/26/2023</b>			<b>2.00</b>	<b>2.39</b>	<b>0.10</b>

Sample Date	005:Q Outfall 004 Flow mgd		001:CBOD5 Outfall 005 CBOD5 mg/l	001:TSS Outfall 005 TSS mg/l	001:ADIST Outfall 005 NH3 mg/l
Sunday, March 5, 2023	0.648200	B	2.00	2.00	< 0.10
Monday, March 6, 2023	0.640300	B	3.00	3.10	0.28
Tuesday, March 7, 2023	0.646500	B	3.00	2.00	0.12
Wednesday, March 8, 2023	0.653500		2.00	1.90	< 0.10
Thursday, March 9, 2023	0.657100		3.00	2.60	< 0.10
Friday, March 10, 2023	0.673900	Q	2.00	3.00	0.12
Saturday, March 11, 2023	0.620000	Q	2.00	2.40	< 0.10
<b>Averages for week of: 3/5/2023</b>			<b>2.43</b>	<b>2.43</b>	<b>0.13</b>
Sunday, March 12, 2023	0.639000		2.37	2.00	< 0.10
Monday, March 13, 2023	0.671000		2.00	1.50	< 0.10
Tuesday, March 14, 2023	0.638700		2.00	2.30	< 0.10
Wednesday, March 15, 2023	0.656800		2.00	1.40	< 0.10
Thursday, March 16, 2023	0.660000		2.00	2.20	< 0.10
Friday, March 17, 2023	0.632000		2.00	2.30	0.06
Saturday, March 18, 2023	0.622100	<	2.00	3.70	0.06
<b>Averages for week of: 3/12/2023</b>			<b>2.05</b>	<b>2.20</b>	<b>0.09</b>
Sunday, March 19, 2023	0.655900		2.00	2.20	0.08
Monday, March 20, 2023	0.666400	<	2.00	2.00	0.05
Tuesday, March 21, 2023	0.651800		2.00	1.80	0.07
Wednesday, March 22, 2023	0.608800	<	2.00	3.60	0.14
Thursday, March 23, 2023	0.673000	<	2.00	2.80	0.07
Friday, March 24, 2023	0.660800		3.00	1.80	0.07
Saturday, March 25, 2023	0.647400	<	2.00	2.40	0.07
<b>Averages for week of: 3/19/2023</b>			<b>2.14</b>	<b>2.37</b>	<b>0.08</b>

Sample Date	005:Q Outfall 004 Flow mgd		001:CBOD5 Outfall 005 CBOD5 mg/l	001:TSS Outfall 005 TSS mg/l	001:ADIST Outfall 005 NH3 mg/l
Sunday, March 26, 2023	0.608500	B	2.00	2.00	0.06
Monday, March 27, 2023	0.650900	<	2.00	2.10	0.15
Tuesday, March 28, 2023	0.678100		2.00	3.90	< 0.10
Wednesday, March 29, 2023	0.636200	<	2.00	2.10	0.12
Thursday, March 30, 2023	0.659000		2.00	1.90	< 0.10
Friday, March 31, 2023	0.663200		2.00	2.40	< 0.10
Saturday, April 1, 2023	0.692900		2.00	2.30	< 0.10
<b>Averages for week of: 3/26/2023</b>			<b>2.00</b>	<b>2.39</b>	<b>0.10</b>

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Sample Date	006:Q Outfall 004 Flow mgd	001:CBOD5 Outfall 005 CBOD5 mg/l	001:TSS Outfall 005 TSS mg/l	001:ADIST Outfall 005 NH3 mg/l
Sunday, March 5, 2023	0.000000			
Monday, March 6, 2023	0.000000			
Tuesday, March 7, 2023	0.000000			
Wednesday, March 8, 2023	0.000000			
Thursday, March 9, 2023	0.000000			
Friday, March 10, 2023	0.000000			
Saturday, March 11, 2023	0.000000			
<b>Averages for week of: 3/5/2023</b>				
Sunday, March 12, 2023	0.000000			
Monday, March 13, 2023	0.000000			
Tuesday, March 14, 2023	0.000000			
Wednesday, March 15, 2023	0.000000			
Thursday, March 16, 2023	0.000000			
Friday, March 17, 2023	0.000000			
Saturday, March 18, 2023	0.000000			
<b>Averages for week of: 3/12/2023</b>				
Sunday, March 19, 2023	0.000000			
Monday, March 20, 2023	0.000000			
Tuesday, March 21, 2023	0.000000			
Wednesday, March 22, 2023	0.000000			
Thursday, March 23, 2023	0.000000			
Friday, March 24, 2023	0.000000			
Saturday, March 25, 2023	0.000000			
<b>Averages for week of: 3/19/2023</b>				

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Sample Date	006:Q Outfall 004 Flow mgd	001:CBOD5 Outfall 005 CBOD5 mg/l	001:TSS Outfall 005 TSS mg/l	001:ADIST Outfall 005 NH3 mg/l
Sunday, March 26, 2023	0.000000			
Monday, March 27, 2023	0.000000			
Tuesday, March 28, 2023	0.000000			
Wednesday, March 29, 2023	0.000000			
Thursday, March 30, 2023	0.000000			
Friday, March 31, 2023	0.000000			
Saturday, April 1, 2023	0.000000			

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**Averages for week of: 3/26/2023**

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