8
55
÷
Suptember
8
8

Output I

-
-
- 3

included in bleed measured water usage (Open By		Print Services 1. Date		A 10.00 10.00 10.000				
They bern hydraesis and calculated the larkes of the sunger the student of 25 kpc of larger volume an advect by TV(10) is addetion to their consumed in Admin Water Datagony of highly datasimiting typestimet.	See tons	Customer Services (Lors Sciences)	117 14 154 044				0000000000000	
and the second	ality Western	minimum and a	the fullewing lines	Column A superhelius (Ine Selecting) lines.		Unautherized Cantumpton	90 J	
Outs handling compositions are translated into wedar usings to totals and included in billind makes usings under OCAR	ernal from Lana Schneider	Customar Sarvices (Lean Schweider)	0		illeo Section Data Handling Errori	Systemetic Data Handling		
		A Statistical States of the second states of the se		Concurrent (Lives 14			10 , 128	MUN CH
Updaled acculation installing from million accuracy and the SUN SUC 17: 1 1/2" and 2" meters.	Cate by OCA	Contract Process	ingui loip Column A (Cull Ant) comen from Weighted Average Customer Main Accuracy Culculation spread bloot.	Input into Column A (C. Walghad Average Cust calculation aproaction	Laindaind Average Customer Meter Accuracy	Arerage Custemer Meter		
		and the second se		Coloring (Les 17-L)			П	1.000 533 200 4
			Calculated (Line 10 + Line 10 + Line 21)	Cutorial and (Line 18 + L)		Tead Authorized Consumption	2 2	61, JUL 200, SM 7
caculation of the suspended separity	Cooke	Cara Codia	3,085 727 Cade		abunon system capacity supervises	8		
As the distribution system grows, while is required to fit the ensembled volume. This issued there the set of the second tree above		Indexes	Carol Dec. 201		nchuca VFD Training	ĪF		k
Extended to superiord to starting	omaile tran Manchaca VPh	Johney Hyde / Tammie			PU SURGERINA IN IN			
	Spreadsheet	,	\$10 825 Gas			5		
New assumption in 2012 of 2752 galaxies per test is based on field observations and postified in an MCN with AFD interval on feast means service encoded labors (black fibring)	FYIS AFD UNICE		158.5H (144		VED Hardsani Flow Testa	A		
New selection in 2012 of 50 gain per implant, based on field observations and codiled in an NOU with AFD	FY13 AFD Usign		1,084,555 Cubs		AFD Cay Hydrawithkam	N		
AFD Water Unage is survived from reports into children	International Statements	Austin Fire Department (B.e. Chief Devid Briesdie)	1,517 004 Ques		AFD Fire Suppression	AFD		
arread important markets requirement, and tech arread is eather used to each suggestion	Duary of WEIRS by Adam Snith	Adam Smith - Water Protection	554) 916 (Dah		WU Privats ingulary Tastong	Å		
Work is underway to compute WEWS delabore to Work is underway to compute WEWS delabore to demission and selected hydrants. remaind them of	Spendormen	AJ Handken	15,422,923		Low Creater	1	ike."	
(the fully pain som navny construction	FY13 Fushing Totals	Can Sixub, Evic Langhood,						
	Hansen	Davn Latiteski				T	5	с. 16.
Statistics of Dimensional Content of Statistics		LONS Region Indentationary	0+4		WU Datab System Maintenance	AWU		
A provide the state of the second state of the second state of the second state of the state of the second state of the st	ase Report from	Dean Lothenk Water			and the state of t			
netucios only watta used to channed by minimistic mathlepares, not overflow?	Parance performand	Production Losses Pumping and Distribution (Francisco Viscont)	600,500 (Lets					
		W Servi J		Cutures A surgenerized the Sufference 12 Serve			÷	
This is the "Unity" live from consumption report what AVVU upon that is makened but not obtain the []. She man above in spik can other City Dept unage senses in the	ornali tori Darrei Cultarton	Francial Management (Denel Cabarson)	54 241 300 Cale		Bland Consumption Unity	Ĩ		
ublem site interneting downsterm	unuis ton DAA	Sarvices Slowed Mayou	etero o		nown water Allence	Down		
Autorough it is shall, it of measured and may be recruped a some instances. Hat currently recoverable would CC481 bei currently recoverable would be purely to tablica the surger south reported rocks horn instance maker; were used in call reported rocks horn instance maker; were used in	1	1	PCC45		eor used a inactive sociants	Wear		100
Sana native persons this tent installed meters Occupionally water gets used at these achieves.		and the second se		Colors A constant to		Unblined Servered	8	-
	Desmantia			DATA MPUT COLUMN		THE WAY LES CANADA	[?]	

		•	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			•	an Bit	N	
Tresing is dans ally where problems suspected. There is no systematic tealing of all moters of protect.	W saw that stady campioned and monitoring and andocumment program bright. Usawa colourst value of 2 25% of imply volume.	Avenued bytem leasured checked in all least an annual balls involve read off toports)	Nore safety program antists the 3' means, but no surrent make insplanments (program is for pro- manas). Audylished data if place screep for small manas, but make sold a subscript (but is more and the subscript is a subscript (but is not write), against again to abratistic actual instancement (op write) against again to abratistic actual instancement (op	Nd kooyad in nakisiya makis	Eukanasa using termalan ter kocom overita - na extraction using kan dalah. Estimates using termaka ter kocom overita - na matingtin, using test dalah.	Servera and landa to learn wate - 14 elements and land land land land land servera and land land land land land land servera and lands to learn west common	Normal model school in the characteristic of data, according to a submaterial finance in the characteristic of		And Andrew Market Program (1999)
111	11,14		Fra		FY01	57g	PVg2		III.
Lorg Schweide	Lava Scimetor	Jarry Polanti + mai	Ale and a second		Sat Chiel Scrith Iniarder Sat Chiel Scrith Iniarder	Tree Londeal A. J. Hermitee, AVVU	Aydan Energy Jarry Roberts, CIS Manago Saya Corpussio Jahardan Saya Corpussio Jahardan	st Schneider	

Addrivery volume	No review of billing ension	No tealing or Lockcaroot, estimation only	Stand different		-	~
Default of o 24% of Input volume	Automaad ayatem bel io chacts of data välidity	Tracky ar splacement of 14 55 of contents in your 24 add	Partide adminution for some of variablese for both optimizee for other	Tealing any entre	*	
Number of events of each type evaluated. Instacts by be examined particular	Automainel system, kees op fran zonvusi checks til data	Analysis of test likes finds muses meeting speet, o learing and lephacement of 5 to 10% of melles pa year	Ermanns värg timman för samtisk, lins r galacise pre knelt to latione menta	Systematics taring of all manager on a destance regulation of any regulation	u	Assessment table
A Number of cocumences	Automated system: Automaty checked on at test annual basis	Previous last data manayrad and all maters in specifications of lasting or replacement of 10 to 50% of all meters in your of land?	Penda alamdas värig test dati, sõa astroaan sallag lamnaa izt koom neitest é ennik	Submanisti wang di B Submanisti wang di B Submanisti ang Submani ang Bangkan ng Submani ang Pangkan ng Submani ang Pangkan ng Submani ang Pangkan ng Submani ang Submanisti ang Submanisti ang Submanisti	•	
Markery and solarises program well qualified with a generation was two o 25% and declining turn o 25% and declining turn	Assessment of dela handleg arror conclusted internally audited by third perty on annual basis	Provides the data analyzed and it means in specifications of unaining of reducement in to one Strik of all means in the second analyzed	Environment Services present Services present Services for the services of the services of the services of the services of the services of the services of the services of the	Trange di Aprocision and an exercision per di an exercision per di ante exercisio ante exercisio ante exercisio ante exercisione per per	-	

DFMFT 38 d 꼬기고들이던

8	
8	
-	
2408	
ã.	
3	
ļ	
8	
2013	

Page 4

Weisr Loss Calculation Worksheel, FY12 das

DPAFT = d 2122915

Response to

Staff

1-9

Number of SA - Water	Con 14
	Sep-14
Inside City - Retail	167 225
Residential	167,335
Residential CAP	17,967
Multifamily	5,378
Commercial	16,074
LV Freescale	2
LV Hospira	1
LV Samsung	3
LV Novati (Formerly Sematech)	1
LV Spansion	2
LV University of Texas	19
Outside City - Retail	
Residential	8,360
Residential CAP	899
Multifamily	185
Commercial	759
Wholesale	
Creedmore-Maha	3
High Valley	1
Lost Creek	1
Manor, City of	1
Marsha Water	1
Morningside (Aqua Texas)	2
Nighthawk	1
North Austin MUD	7
Northtown MUD	7
Rivercrest	1
Rollingwood	3
San Leanna	1
Shady Hollow	2
Sunset Valley	7
Water District 10	4
Wells Branch MUD	7
Windemere	1
Water System Total	217 035

Water - System Total

<u>217.035</u>

Number of SA- Wastewater

Inside City - Wastewater Retail	
Residential	166,102
Residential CAP	17,766
Multifamily	4,627
Commercial	11,849
LV Freescale	2
LV Hospira	1
LV Samsung	1
LV Novati (Formerly Sematech)	1
LV Spansion	1
LV University of Texas	14
Outside City - Retail	
Residential	3,475
Residential CAP	402
Multifamily	87
Commercial	137
Wholesale	17
Wastewater - System Total	204,482

Response to

Staff

1-10

Budget FY 2013-1. Option #34 Approved *** DRAFT ***

CITY OF AUSTIN, TEXAS AUSTIN WATER UTILITY

MISCELLANEOUS REVENUE

		Amended Budget 2011-12	Estimated 2011-12	1 Proposed 2012-13	2 Projected 2013-14	3 Projected 2014-15	4 Projected 2015-16	5 Projected 2016-17
сомв	INED	<u> </u>		····				
4020	Misc Telecom	\$117,000	\$133,000	\$189,000	\$190,000	\$192,600	\$195,300	\$198.000
4030	Private Fire Hydrant Fee	40,334	43,000	97,000	124,000	124,000	126,500	129.000
4048	Industrial Waste Permits	468,841	466,000	475,300	484,800	494,500	504,400	514,500
4049	Permit-Liquid Waste Hauler	11,133	12.600	12,900	13,200	13,500	13,800	14,100
4050	Backflow Prevention Compliance Fee	492,422	557,000	568,100	579,500	591,100	602,900	615,000
4090	OSSF Reviews	41,094	37,700	38,500	39,300	40,100	40,900	41,700
4126	Reconnection Fee	14,213	23,100	23,600	24,100	24,600	25,100	25,600
4209	Rest Criminal Acts/Other Court Rev	1	20,100	20,000	24,100	24,000	25,100	25,500
4213	Xerox Copies	7,847	2,900	3,000	3.100	3,200	3.300	3,400
4216	BAB Interest Subsidy	0	1,905,400	1,905,400	1,905,400	1,905,400	1,894,100	1,869,700
4222	Late Payment Penalties	1,788,365	292,900	1,860,000	1,897,200	1,935,200	1,894,100	
4231	Building Rental	222,000	211,800	235,000	235,000	235,000		2,013,400
4234	Damage Charges	120,719	61,600	80,100	235,000		235,000	235,000
4262	Process Assessment	120,713	01,000	00,100	01,700	83,300 0	85,000 0	86,700
4324	Compost/Sludge Sales	452,890	453,600	460.000	469,200	478,600	-	0
4325	Agri By-Prod	402,000	3,000	400,000	409,200	,	488,200	498,000
4337	Special Billings	669	200	200	200	5,200	5,300	5,400
4338	Special Billings Orgs 9050 & 9052	3,076	1,200	1,200		200	200	200
4389	Land Lease Fees	66,000	66,000	66.000	1,200	1,200	1,200	1,200
4394	Property Sales-Motorized Vehicles	68,960	52,000	70,600	66,000	66,000	66,000	66,000
4479	After Hours Turn On	453,860	86,300		72,000	73,400	74,800	76,200
4495	Meter Rev - Fire Meters	453,860	15.000	690,000	703,800	717,900	732,300	747,000
4505	Septic Tank Haulers Fee		,	15,300	15,600	15,900	16,200	16,500
4559	Commission Agenda Packets	752,872	607,501	619,700	632,100	644,700	657,600	670,800
4583	Rain Barrel Sales	2 0	0	100	100	100	100	100
4584	Seminar Fees	-	0	0	0	0	0	0
4606	Creedmore Maha	7,140	15,100	8,000	8,200	8,400	8,600	8,800
4642		0	(7,200)	· · · · · · · · · · · · · · · · · · ·	,	,	(7,200)	(7,200)
4643	A/R Adj. Leak Adjustment	(880,511)	(879,800)	· · ·	()		,	(890,100)
4646	A/R Adj. Conservation Rebate	2	0	200	200	200	200	200
4648	Lab-Testing Fee	5,624	4,800	4,900	4,900	4,900	4,900	4,900
	Reuse Water Service	0	0	0	0	0	0	0
4653	Southland Oaks Surcharge	129,000	135,600	129,000	129,000	129,000	129,000	129,000
4655	WW Meter Application Fee	2,171	600	600	600	600	600	600
4660	Wholesale Penalties & Fees	439,586	485,000	499,000	503,500	508,100	283,800	285,900
4663	NWA MUD 1 Surcharge Credit	0	0	0	0	0	0	0
4706	Service Installation	183,558	202,300	206,300	210,400	214,600	218,900	223,300
4771	Special Bill - Wtr Fin Mgt	158,694	179,500	183,100	186,700	190,400	194,200	198,100
4809	A/R Adjustments	2	242,300	40,100	40,100	40,100	40,100	40,100
4874	Miscellaneous	194,400	147,800	234,800	239,500	244,300	249,200	254,200
4875	Returned Check Fee	44,388	19,600	48,000	49,000	50,000	51,000	52,000
4877	Junk/Metal Sales	49,562	74,600	76,100	77,700	79,300	80,900	82,500
4879	Cash Over/Short	2	1,500	200	200	200	200	200
4881	Sales Tax Penalty	2	0	200	200	200	200	200
4883	New Service Connections	938,727	304,000	940,000	958,800	978,000	997,600	1,017,600
4999	Recls Recpt	336	0	100	100	100	100	100
TOTAL F	REVENUES - COMBINED	\$6,409,136	\$5,957,501	\$8,897,300	\$9,060,500	\$9,200,900	<u>\$9,106,400</u>	\$9,227,900

Page 1 of 7

Budget FY 2013-1. Option #34 Approved **** DRAFT ***

CITY OF AUSTIN, TEXAS AUSTIN WATER UTILITY

MISCELLANEOUS REVENUE

		Amended Budget 2011-12	Estimated 2011-12	1 Proposed 2012-13	2 Projected 2013-14	3 Projected 2014-15	4 Projected 2015-16	5 Projected 2016-17
WATE	R							
FDU Re	v Src 5020-2200-9050-XXXX							
4020	Misc Telecom	\$97,000	\$97,000	\$129,000	\$130,000	\$132,600	\$135,300	\$138,000
4030	Private Fire Hydrant Fee	40,334	43,000	97,000	124,000	124,000	126,500	129,000
4048	Industrial Waste Permits	0	0	0	0	0	0	0
4049	Permit-Liquid Waste Hauler	0	0	0	0	0	0	Ō
4050	Backflow Prevention Compliance Fee	492,422	557,000	568,100	579,500	591,100	602,900	615,000
4090	OSSF Reviews	0	0	0	0	0	0	0
4126	Reconnection Fee	9,346	13,000	13,300	13,600	13.900	14,200	14,500
4209	Rest Criminal Acts/Other Court Rev	0	0	0	0	0	0	0
4213	Xerox Copies	7,613	2,800	2,900	3,000	3,100	3,200	3,300
4216	BAB Interest Subsidy	0	1,524,300	1,524,300	1,524,300	1,524,300	1.515.300	1,495,800
4222	Late Payment Penalties	810,977	134,000	900,000	918,000	936,400	955,100	974,200
4231	Building Rental	114,750	113,000	120,000	120,000	120,000	120,000	120,000
4234	Damage Charges	120,718	61,600	80,000	81,600	83,200	84,900	86,600
4262	Process Assessment	0	0	0	0	0,200	0	00,000
4324	Compost/Sludge Sales	0	Ō	0	0	õ	Ő	õ
4325	Agri By-Prod	1	3.000	5,000	5,100	5,200	5,300	5,400
4337	Special Billings	669	200	200	200	200	200	200
4338	Special Billings Orgs 9050 & 9052	0	0	0	200	200	200	200
4389	Land Lease Fees	66,000	66,000	66.000	66,000	66.000	66.000	66.000
4394	Property Sales-Motorized Vehicles	28,160	22.000	40,000	40,800	41,600	42,400	43,200
4479	After Hours Turn On	226,450	43,000	230,000	234,600	239,300	244,100	43,200 249.000
4495	Meter Rev - Fire Meters	14,153	15,000	15,300	15.600	15,900	16,200	249,000 16,500
4505	Septic Tank Haulers Fee	0	10,000	10,000	15,000	10,900	10,200	10,500
4559	Commission Agenda Packets	1	0	100	100	100	100	100
4583	Rain Barrel Sales	Ó	0	0	0	001	001	001
4584	Seminar Fees	7,140	15.100	8,000	8,200	8,400	-	-
4606	Creedmore Maha	7,140	(7,200)	,			8,600	8,800
4642	A/R Adj Leak Adjustment	(784,704)	(784,600)			()	· · · ·	(7,200)
4643	A/R Adj. Conservation Rebate	(704,704)	(784,800)	100	(785,000) 100	(785,000) 100	(785,000) 100	(785,000)
4646	Lab-Testing Fee	1	0	100	100	100		100
4648	Reuse Water Service	0	0	001	001	001	100 0	100
4653	Southland Oaks Surcharge	60,600	74.000	-	-	-	-	0
4655	WW Meter Application Fee	00,000	74,000	60,600 0	60,600	60,600	60,600	60,600
4660	Wholesale Penalties & Fees	171,619	211.000		0	0	0	0
4663	NWA MUD 1 Surcharge Credit	0	211,000	225,000 0	229,500	234,100	105,800	107,900
4706	Service Installation	152.481	156.000	-	0	0	0	0
4771	Special Bill - Wtr Fin Mgt	152,461	120,000	159,100	162,300	165,500	168,800	172,200
4809	A/R Adjustments	147,107	120,000	122,400	124,800	127,300	129,800	132,400
4874	Miscellaneous		•	100	100	100	100	100
4875	Returned Check Fee	180,000	133,000	100,000	102,000	104,000	106,100	108,200
4877	Junk/Metal Sales	23,752	11,400	24,000	24,500	25,000	25,500	26,000
4877		24,492	47,000	47,900	48,900	49,900	50,900	51,900
4879 4881	Cash Over/Short	1	1,500	100	100	100	100	100
4881 4883	Sales Tax Penalty	1	0	100	100	100	100	100
4883 4999	New Service Connections	469,363	150,600	470,000	479,400	489,000	498,800	508,800
4999	Recls Recpt	336	0	100	100	100	100	100
TOTAL F	REVENUES - WATER	\$2,480,785	\$2,822,700	\$4,216,600	\$4,305,000	\$4,369,100	\$4,295,000	\$4,342,000

Page 2 of 7

Budget FY 2013-17 Option #34 Approved

*** DRAFT ***

CITY OF AUSTIN, TEXAS AUSTIN WATER UTILITY

		Amended Budget 2011-12	Estimated 2011-12	1 Proposed 2012-13	2 Projected 2013-14	3 Projected 2014-15	4 Projected 2015-16	5 Projected 2016-17
WATER	INFLATION FACTORS							
4020	Misc Telecom	-		2.0%	2.0%	2 0%	2.0%	2.0%
4030	Private Fire Hydrant Fee			0.0%	0 0%	0.0%	2.0%	2.0%
4048	Industrial Waste Permits			0.0%	0.0%	0 0%	0.0%	0 0%
4049	Permit-Liquid Waste Hauler			0.0%	0.0%	0.0%	0.0%	0.0%
4050	Backflow Prevention Compliance Fee			2.0%	2.0%	2 0%	2.0%	2.0%
4090	OSSF Reviews			0.0%	0.0%	0 0%	0.0%	0.0%
4126	Reconnection Fee			2.0%	2 0%	2.0%	2.0%	2 0%
4209	Rest Criminal Acts/Other Court Rev			0.0%	0 0%	0.0%	0.0%	0 0%
4213	Xerox Copies			2 0%	2.0%	2.0%	2.0%	2 0%
4216	BAB Interest Subsidy			0.0%	0.0%	0.0%	0.0%	0.0%
4222	Late Payment Penalties			2 0%	2.0%	2.0%	2.0%	2.0%
4231	Building Rental			0.0%	0.0%	0.0%	0.0%	0.0%
4234	Damage Charges			2.0%	2.0%	2.0%	2.0%	2.0%
4262	Process Assessment			0.0%	0.0%	0.0%	0.0%	0.0%
4324	Compost/Sludge Sales			0.0%	0.0%	0.0%	0.0%	0.0%
4325	Agri By-Prod			2.0%	2 0%	2.0%	2.0%	2 0%
4337	Special Billings			2.0%	2.0%	2.0%	2.0%	2.0%
4338	Special Billings Orgs 9050 & 9052			0.0%	0.0%	0 0%	0.0%	0.0%
4389	Land Lease Fees			0.0%	0.0%	0.0%	0.0%	0 0%
4394	Property Sales-Motorized Vehicles			2.0%	2 0%	2 0%	2.0%	2.0%
4479	After Hours Turn On			2.0%	2 0%	2.0%	2.0%	2.0%
4495	Meter Rev - Fire Meters			2.0%	2 0%	2.0%	2.0%	2.0%
4505	Septic Tank Haulers Fee			0.0%	0.0%	0.0%	0.0%	2.0%
4559	Commission Agenda Packets			0.0%	0.0%	0.0%	0.0%	0.0%
4583	Rain Barrel Sales			0.0%	0.0%	0.0%	0.0%	0.0%
4584	Seminar Fees			2 0%	2.0%	2.0%	2.0%	2.0%
4606	Creedmore Maha			0.0%	0.0%	0.0%	2.0%	2.0%
4642	A/R Adj. Leak Adjustment			0.0%	0.0%	0.0%	0.0%	
4643	A/R Adj. Conservation Rebate			0.0%	0.0%	0.0%	0.0%	0 0%
4646	Lab-Testing Fee			0.0%	0.0%			0.0%
4648	Reuse Water Service			0.0%	0.0%	0.0% 0.0%	0.0%	0.0%
4653	Southland Oaks Surcharge			0.0%	0.0%	0.0%	0.0%	0 0%
4655	WW Meter Application Fee			0.0%	0.0%	0.0%	0.0% 0.0%	0.0%
4660	Wholesale Penalties & Fees			2.0%	2.0%	2.0%	2.0%	0.0%
4663	NWA MUD 1 Surcharge Credit			2.0%	2.0%	2.0%		2 0%
4706	Service Installation			2 0%			0.0%	0.0%
4771	Special Bill - Wtr Fin Mgt				2.0%	2.0%	2.0%	2.0%
4809	A/R Adjustments			2.0%	2.0%	2.0%	2 0%	2.0%
4874	Miscellaneous			0.0% 2.0%	0 0%	0.0%	0 0%	0.0%
4875	Returned Check Fee				2 0%	2 0%	2.0%	2.0%
4877	Junk/Metal Sales			2.0%	2.0%	2.0%	2 0%	2 0%
4877	Cash Over/Short			2 0%	2 0%	2.0%	2.0%	2.0%
4879	Sales Tax Penalty			0 0%	0.0%	0 0%	0.0%	0.0%
4883	New Service Connections			0.0%	0.0%	0.0%	0.0%	0 0%
4885	Recls Recpt			2.0%	2.0%	2.0%	2.0%	2 0%
4000	News New			0.0%	0.0%	0 0%	0.0%	0 0%

Budget FY 2013-1, Option #34 Approved *** DRAFT ***

CITY OF AUSTIN, TEXAS AUSTIN WATER UTILITY

MISCELLANEOUS REVENUE

		Amended Budget 2011-12	Estimated 2011-12	1 Proposed 2012-13	2 Projected 2013-14	3 Projected 2014-15	4 Projected 2015-16	5 Projected 2016-17
WAST	EWATER							
	v Src 5030-2200-9050-XXXX							
4020	Misc Telecom	\$20,000	\$36,000	\$60,000	\$60.000	\$60,000	\$60.000	\$60.000
4030	Private Fire Hydrant Fee	¢20,000 0	\$00,000	\$00,000	\$00,000 \$0	\$00,000 \$0	\$00,000 \$0	\$00,000 \$0
4048	Industrial Waste Permits	468,841	466,000	475,300	484,800	494,500	504,400	514,500
4049	Permit-Liquid Waste Hauler	11.133	12.600	12,900	13,200	13,500	13,800	14,100
4050	Backflow Prevention Compliance Fee	0	12,000	12,300	13,200	13,500	13,000	14,100
4090	OSSF Reviews	41.094	37,700	38,500	39,300	40,100	40,900	41,700
4126	Reconnection Fee	4,867	10,100	10,300	10,500	10,700	10,900	11,100
4209	Rest Criminal Acts/Other Court Rev	1,001	0,100	0,000	10,000	0,700	10,300	0
4213	Xerox Copies	234	100	100	100	100	100	100
4216	BAB Interest Subsidy	0	381,100	381,100	381,100	381,100	378,800	373,900
4222	Late Payment Penalties	977,388	158,900	960,000	979,200	998,800	1,018,800	1,039,200
4231	Building Rental	107,250	98,800	115,000	115,000	115,000	115,000	115,000
4234	Damage Charges	107,200	00,000	100	100	100	100	100
4262	Process Assessment	1	0	0	0	0	001	0
4324	Compost/Sludge Sales	452,890	453,600	460.000	469,200	478,600	488,200	498,000
4325	Agri By-Prod	402,000	400,000	400,000	403,200	470,000	400,200	498,000
4337	Special Billings	õ	0	0	0	0	0	0
4338	Special Billings Orgs 9050 & 9052	3.076	1,200	1,200	1,200	1,200	1,200	
4389	Land Lease Fees	3,070	1,200	1,200	1,200	1,200	1,200	1,200
4394	Property Sales-Motorized Vehicles	40,800	30,000	30,600	31,200	31,800	32,400	0
4479	After Hours Turn On	227,410	43,300	460,000	469,200	478,600		33,000
4495	Meter Rev - Fire Meters	227,410	43,300	460,000	469,200	478,000	488,200	498,000
4505	Septic Tank Haulers Fee	752,872	-		-	-	0	0
4559	Commission Agenda Packets	152,072	607,501 0	619,700 0	632,100 0	644,700 0	657,600	670,800
4583	Rain Barrel Sales	0	0	0	-	-	0	0
4584	Seminar Fees	0	0	0	0	0	0	0
4606	Creedmore Maha	0	0	0	•	-	0	0
4642	A/R Adj. Leak Adjustment	(95,807)	(95,200)		0	0	0	0
4643	A/R Adj Conservation Rebate	(95,607)		(97,100)	(<i>i j</i>	(101,000)	• • •	
4646	Lab-Testing Fee	5,623	0	100	100	100	100	100
4648	Reuse Water Service	5,623 0	4,800 0	4,800	4,800	4,800	4,800	4,800
4653	Southland Oaks Surcharge	68.400	61.600	0 68.400	0	0	0	0
4655	WW Meter Application Fee	,			68,400	68,400	68,400	68,400
4660	Wholesale Penalties & Fees	2,171	600	600	600	600	600	600
4663	NWA MUD 1 Surcharge Credit	267,967	274,000	274,000	274,000	274,000	178,000	178,000
4005	Service Installation	0 31.077	0	0	0	0	0	0
4771	Special Bill - Wtr Fin Mgt		46,300	47,200	48,100	49,100	50,100	51,100
4809	A/R Adjustments	11,587	59,500	60,700	61,900	63,100	64,400	65,700
4874	Miscellaneous	14 400	242,300	40,000	40,000	40,000	40,000	40,000
4875	Returned Check Fee	14,400	14,800	134,800	137,500	140,300	143,100	146,000
4875	Junk/Metal Sales	20,636	8,200	24,000	24,500	25,000	25,500	26,000
4877		25,070	27,600	28,200	28,800	29,400	30,000	30,600
4879 4881	Cash Over/Short	1	0	100	100	100	100	100
	Sales Tax Penalty	1	0	100	100	100	100	100
4883	New Service Connections	469,364	153,400	470,000	479,400	489,000	498,800	508,800
4999	Recls Recpt	0	0	0	0	0	0	0
TOTAL I	REVENUES - WASTEWATER	\$3,928,351	\$3,134,801	\$4,680,700	\$4,755,500	\$4,831,800	\$4,811,400	\$4,885,900

Page 4 of 7

Budget FY 2013-1. Option #34 Approved *** DRAFT *** Budget FY 2013-17

CITY OF AUSTIN, TEXAS AUSTIN WATER UTILITY

MISCELLANEOUS REVENUE

		Amended Budget 2011-12	Estimated 2011-12	1 Proposed 2012-13	2 Projected 2013-14	3 Projected 2014-15	4 Projected 2015-16	5 Projected 2016-17
WASTE	WATER INFLATION FACTORS							
4020	Misc Telecom	-		0.0%	0.0%	0.0%	0.0%	0.0%
4030	Private Fire Hydrant Fee			0.0%	0.0%	0.0%	0 0%	0.0%
4048	Industrial Waste Permits			2 0%	2.0%	2.0%	2.0%	2.0%
4049	Permit-Liquid Waste Hauler			2 0%	2.0%	2.0%	2.0%	2.0%
4050	Backflow Prevention Compliance Fee			0.0%	0.0%	0 0%	0.0%	0.0%
4090	OSSF Reviews			2 0%	2.0%	2.0%	2.0%	2 0%
4126	Reconnection Fee			2 0%	2 0%	2.0%	2.0%	2.0%
4209	Rest Criminal Acts/Other Court Rev			0.0%	0 0%	0.0%	0.0%	0.0%
4213	Xerox Copies			2 0%	2.0%	2.0%	2.0%	2 0%
4216	BAB Interest Subsidy			0.0%	0.0%	0.0%	0.0%	0.0%
4222	Late Payment Penalties			2 0%	2.0%	2.0%	2.0%	2 0%
4231	Building Rental			0.0%	0.0%	0.0%	0.0%	0.0%
4234	Damage Charges			2.0%	2.0%	2 0%	2.0%	2.0%
4262	Process Assessment			2.0%	2.0%	2.0%	2.0%	2.0%
4324	Compost/Sludge Sales			2.0%	2.0%	2.0%	2.0%	2.0%
4325	Agri By-Prod			2.0%	2 0%	2.0%	2.0%	2.0%
4337	Special Billings			0.0%	0.0%	0.0%	0.0%	0.0%
4338	Special Billings Orgs 9050 & 9052			2.0%	2 0%	2 0%	2.0%	2.0%
4389	Land Lease Fees			0.0%	0.0%	20%	0.0%	0.0%
4394	Property Sales-Motorized Vehicles			2.0%	2.0%	2 0%	2.0%	2.0%
4479	After Hours Turn On			2.0%	2.0%	2.0%	2.0%	2.0%
4495	Meter Rev - Fire Meters			0.0%	20%	2.0%	0.0%	0.0%
4495	Septic Tank Haulers Fee			2.0%	2.0%	2.0%	2.0%	
4559	•			2.0%				2 0%
4559	Commission Agenda Packets Rain Barrel Sales				0.0%	0.0%	0.0%	0.0%
4583	Seminar Fees			0.0%	0.0%	0.0%	0 0%	0.0%
4564 4606				0.0% 0.0%	0.0%	0.0%	0.0%	0.0%
4606	Creedmore Maha				0.0%	0.0%	0.0%	0.0%
4642 4643	A/R Adj. Leak Adjustment			2.0%	2.0%	2.0%	2 0%	2.0%
	A/R Adj Conservation Rebate			0.0%	0.0%	0.0%	0.0%	0.0%
4646	Lab-Testing Fee			0.0%	0.0%	0.0%	0.0%	0.0%
4648	Reuse Water Service			0.0%	0.0%	0 0%	0 0%	0.0%
4653	Southland Oaks Surcharge			0.0%	0.0%	0.0%	0 0%	0.0%
4655	WW Meter Application Fee			2.0%	2.0%	2.0%	2.0%	2.0%
4660	Wholesale Penalties & Fees			0.0%	0.0%	0.0%	0.0%	0.0%
4663	NWA MUD 1 Surcharge Credit			0.0%	0.0%	0.0%	0 0%	0.0%
4706	Service Installation			2.0%	2.0%	2.0%	2.0%	2.0%
4771	Special Bill - Wtr Fin Mgt			2.0%	2 0%	2.0%	2.0%	2 0%
4809	A/R Adjustments			0.0%	0.0%	0.0%	0 0%	0.0%
4874	Miscellaneous			2.0%	2.0%	2.0%	2 0%	2.0%
4875	Returned Check Fee			2.0%	2.0%	2.0%	2 0%	2.0%
4877	Junk/Metal Sales			2.0%	2.0%	2 0%	2.0%	2.0%
4879	Cash Over/Short			0.0%	0 0%	0.0%	0.0%	0.0%
4881	Sales Tax Penalty			0.0%	0.0%	0 0%	0 0%	0.0%
4883	New Service Connections			2.0%	2.0%	2 0%	2.0%	2.0%
4999	Recls Recpt			0.0%	0 0%	0.0%	0 0%	0.0%

Page 5 of 7

Budget FY 2013-17 Option #34 Approved

*** DRAFT ***

CITY OF AUSTIN, TEXAS AUSTIN WATER UTILITY

MISCELLANEOUS REVENUE

		Amended Budget 2011-12	Estimated 2011-12	1 Proposed 2012-13	2 Projected 2013-14	3 Projected 2014-15	4 Projected 2015-16	5 Projected 2016-17
RECLA	IMED							
FDU Re	v Src 5025-2200-9050-XXXX							
4020	Misc Telecom	- \$0	\$0	\$0	\$0	\$0	\$0	\$0
4030	Private Fire Hydrant Fee	0	0	0	0	0	0	0
4048	Industrial Waste Permits	0	0	0	0	0	0	0
4049	Permit-Liquid Waste Hauler	0	0	0	0	0	0	0
4050	Backflow Prevention Compliance Fee	0	0	0	0	0	0	Ō
4090	OSSF Reviews	0	0	0	0	0	0	Ō
4126	Reconnection Fee	0	0	Ō	Ō	Ō	Ō	0
4209	Rest Criminal Acts/Other Court Rev	0	0	0	Ō	Ō	Ō	Ō
4213	Xerox Copies	Ő	0	Ō	0	Ō	0	õ
4216	BAB Interest Subsidy	Ō	0	Ō	Ō	0	0	Ő
4222	Late Payment Penalties	0	0	Ō	0	0	Ō	0
4231	Building Rental	Ō	0 0	0	Ō	0	0	õ
4234	Damage Charges	Ō	0 0	0	0	Ő	Ő	õ
4262	Process Assessment	Ő	Ő	õ	Ő	Ő	ů 0	Ő
4324	Compost/Sludge Sales	õ	õ	õ	õ	Ő	õ	ů 0
4325	Agri By-Prod	õ	Ő	õ	Ő	Ő	õ	Ő
4337	Special Billings	Ő	õ	Ő	Ő	Ő	Ő	Ő
4338	Special Billings Orgs 9050 & 9052	Ő	Ő	õ	Ő	õ	õ	0 0
4389	Land Lease Fees	õ	õ	õ	õ	Ő	0	0 0
4394	Property Sales-Motorized Vehicles	ů 0	Ő	õ	õ	ő	0	0
4479	After Hours Turn On	õ	ő	ő	0	0	0	0
4495	Meter Rev - Fire Meters	0	0	0	0	0	0	0
4505	Septic Tank Haulers Fee	0	0	0	0	0	0	0
4559	Commission Agenda Packets	0	0	0	0	0	0	0
4583	Rain Barrel Sales	0 0	Ő	0	0	0	0	0
4584	Seminar Fees	0	0	0	0	0	0	0
4606	Creedmore Maha	0	0	0	0	0	0	0
4642	A/R Adj Leak Adjustment	0	0	0	0	0	0	0
4643	A/R Adj. Conservation Rebate	0	0	0	0	0	0	0
4646	Lab-Testing Fee	0	0	0	0	0	0	0
4648	Reuse Water Service	0	0	0	0	0	0	0
4653	Southland Oaks Surcharge	0	0	0	0	0	0	0
4655	WW Meter Application Fee	0	0	0	0	0	0	0
4660	Wholesale Penalties & Fees	0	0	0	0	0	0	0
4663	NWA MUD 1 Surcharge Credit	0	0	0	0	0	0	-
4003	Service Installation	0	0	0	0	0	0	0
4700	Special Bill - Wtr Fin Mgt	0	0	0	0	0	-	-
4809	A/R Adjustments	0	0	0	0	0	0	0
4874	Miscellaneous	0	0	0	0	0	0	-
4875	Returned Check Fee	0	ő	0	0	0	0	0
4877	Junk/Metal Sales	0	0	0	0	0	0	-
4879	Cash Over/Short	0	0	0	0	0	0	0
4881	Sales Tax Penalty	0	0	-	-	•	-	0
4883	New Service Connections	0	0	0	0 0	0	0	0
4003	Recis Recpt	0	0	0	0	0	0	0
	•							
TOTAL	REVENUES - RECLAIMED	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Page 6 of 7

Budget FY 2013-1. Option #34 Approved *** DRAFT ***

CITY OF AUSTIN, TEXAS AUSTIN WATER UTILITY

MISCELLANEOUS REVENUE

		Amended Budget	Estimated	1 Proposed	2 Projected	3 Projected	4 Projected	5 Projected
	MED INFLATION FACTORS	2011-12	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
4020	Misc Telecom	-		2.0%	2.0%	2.0%	2 0%	2.0%
4030	Private Fire Hydrant Fee			2.0%	2.0%	2.0%	2.0%	2.0%
4048	Industrial Waste Permits			2.0%	2.0%	2.0%	2.0%	2.0%
4049	Permit-Liquid Waste Hauler			2.0%	2.0%	2.0%	2.0%	2.0%
4050	Backflow Prevention Compliance Fee			2 0%	2.0%	2 0%	2.0%	2.0%
4090	OSSF Reviews			2.0%	2.0%	2.0%	2.0%	2.0%
4126	Reconnection Fee			2.0%	2.0%	2.0%	2.0%	2.0%
4209	Rest Criminal Acts/Other Court Rev			2.0%	2.0%	2.0%	2.0%	2.0%
4213	Xerox Copies			2.0%	2.0%	2.0%	2.0%	2.0%
4216	BAB Interest Subsidy			2.0%	2 0%	2 0%	2.0%	2.0%
4222	Late Payment Penalties			2.0%	2 0%	2 0%	2.0%	2.0%
4231	Building Rental			2.0%	2.0%	2.0%	2.0%	2.0%
4234	Damage Charges			2.0%	2.0%	2.0%	2.0%	2.0%
4262	Process Assessment			2.0%	2.0%	2.0%	2.0%	2.0%
4324	Compost/Sludge Sales			2.0%	2.0%	2.0%	2.0%	2.0%
4324	Agri By-Prod			2.0%	2.0%	2.0%	2.0%	2.0%
4323	Special Billings			2.0%	2.0%	2.0%	2.0%	2.0%
4338	Special Billings Orgs 9050 & 9052			2.0%	2.0%	2.0%	2 0%	2.0%
4338	Land Lease Fees			2.0%	2.0%	2.0%	2.0%	2.0%
4309	Property Sales-Motorized Vehicles			2.0%	2.0%	2.0%	2.0%	2.0%
4394	After Hours Turn On			2.0%	2.0%	2.0%	2.0%	2.0%
4479 4495								
4495	Meter Rev - Fire Meters			2 0%	2.0%	2.0%	2.0%	2.0%
	Septic Tank Haulers Fee			2 0%	2.0%	2 0%	2.0%	2.0%
4559 4583	Commission Agenda Packets			2.0%	2.0%	2 0%	2.0%	2.0%
	Rain Barrel Sales			2.0%	2.0%	2.0%	2.0%	2 0%
4584	Seminar Fees			2.0%	2.0%	2 0%	2.0%	2.0%
4606	Creedmore Maha			2 0%	2.0%	2.0%	2.0%	2 0%
4642	A/R Adj. Leak Adjustment			2.0%	2 0%	2 0%	2.0%	2.0%
4643	A/R Adj. Conservation Rebate			2.0%	2 0%	2 0%	2.0%	2.0%
4646	Lab-Testing Fee			2.0%	2.0%	2.0%	2.0%	2.0%
4648	Reuse Water Service			2 0%	2.0%	2.0%	2 0%	2.0%
4653	Southland Oaks Surcharge			2.0%	2 0%	2.0%	2.0%	2 0%
4655	WW Meter Application Fee			2.0%	2.0%	2 0%	2 0%	2.0%
4660	Wholesale Penalties & Fees			2 0%	2 0%	2.0%	2.0%	2 0%
4663	NWA MUD 1 Surcharge Credit			2 0%	2.0%	2.0%	2 0%	2 0%
4706	Service Installation			2.0%	2 0%	2.0%	2.0%	2 0%
4771	Special Bill - Wtr Fin Mgt			2.0%	2 0%	2 0%	2.0%	2.0%
4809	A/R Adjustments			2.0%	2 0%	2 0%	2.0%	2.0%
4874	Miscellaneous			2 0%	2.0%	2.0%	2 0%	2.0%
4875	Returned Check Fee			2 0%	2 0%	2.0%	2.0%	2 0%
4877	Junk/Metal Sales			2 0%	2 0%	2.0%	2.0%	2.0%
4879	Cash Over/Short			2 0%	2.0%	2.0%	2 0%	2.0%
4881	Sales Tax Penalty			2.0%	2.0%	2 0%	2 0%	2.0%
4883	New Service Connections			2.0%	2 0%	2.0%	2.0%	2.0%
4999	Recls Recpt			2.0%	2.0%	2 0%	2.0%	2.0%

Page 7 of 7

Budget FY 2013-17 Option #34 Approved

** DRAFT ** CITY OF AUSTIN, TEXAS

AUSTIN WATER UTILITY

INTEREST INCOME

	Amended Budget 2011-12	Estimated 2011-12	1 Proposed 2012-13	2 Projected 2013-14	3 Projected 2014-15	4 Projected 2015-16	5 Projected 2016-17
COMBINED UTILITY:							
Operating Fund - 4221	\$235,062	\$87,372	\$226,319	\$345,861	\$393,245	\$506,877	\$521,415
CIP Construct. Fund - 4219	0	70,000	80,000	140,000	180,000	227,500	250,000
Debt Service Fund - 4224	341,304	52,966	164,623	281,611	350,367	464,474	479,618
Reserve Fund - 4895	228,441	63,666	277,291	443,665	589,581	780,727	824,477
Other Interest Income	0	0	0	0	0	0	0
Combined Interest Income	\$804,807	\$274,004	\$748,233	\$1,211,137	\$1,513,193	\$1,979,578	\$2,075,510
Budget Adjustment	0	0	0	0	0	0	0
TOTAL - COMBINED	\$804,807	\$274,004	\$748,233	\$1,211,137	\$1,513,193	\$1,979,578	\$2,075,510
WATER UTILITY:							
Operating Fund - 4221	\$115,283	\$50,905	\$161,954	\$188,291	\$213,944	\$272,907	\$277,695
CIP Construct. Fund - 4219	0	0	5,000	20,000	30,000	40,000	62,500
Debt Service Fund - 4224	161,432	22,318	79,543	143,131	181,422	242,397	255,289
Reserve Fund - 4895	120,527	34,650	158,376	253,401	344,463	462,571	490,601
Other Interest Income	0	0	0	0	0	0	0
Water Interest Income	\$397,242	\$107,873	\$404,873	\$604,823	\$769,829	\$1,017,875	\$1,086,085
Budget Adjustment	0	0	0	0	0	0	0
TOTAL - WATER	\$397,242	\$107,873	\$404,873	\$604,823	\$769,829	\$1,017,875	\$1,086,085
Interest Rate (Short Term):		0 20%	0 50%	0 80%	1 00%	1 25%	1 25%
Reserve Fund Balance & Projection		\$17,325,140	\$31,675,140	\$31,675,140	\$34,446,343	\$37,005,664	\$39,248,082
WASTEWATER UTILITY:							
Operating Fund - 4221	\$119,696	\$36,446	\$63,102	\$156,877	\$178,366	\$232,779	\$242,485
CIP Construct. Fund - 4219	0	70,000	75,000	120,000	150,000	187,500	187,500
Debt Service Fund - 4224	173,154	30,598	82,604	134,672	163,545	214,918	216,601
Reserve Fund - 4895	106,892	29,006	118,890	190,224	244,111	315,160	328,744
Other Interest Income	0	0	0	0	0	0	0
Wastewater Interest Income	\$399,742	\$166,050	\$339,596	\$601,773	\$736,022	\$950,357	\$975,330
Budget Adjustment	0	0	0	0	0	0	0
TOTAL - WASTEWATER	\$399,742	\$166,050	\$339,596	\$601,773	\$736,022	\$950,357	\$975,330
Interest Rate (Short Term)		0 20%	0 50%	0.80%	1.00%	1 25%	1 25%
Reserve Fund Balance & Projection		\$14,502,995	\$23,777,995	\$23,777,995	\$24,411,052	\$25,212,777	\$26,299,494
RECLAIMED UTILITY:							
Operating Fund - 4221	\$83	\$21	\$1,263	\$693	\$935	\$1,191	\$1,235
CIP Construct. Fund - 4219	0	0	0	0	0	0	0
Debt Service Fund - 4224	6,718	50	2,476	3,808	5,400	7,159	7,728
Reserve Fund - 4895	1,022	10	25	40	1,007	2,996	5,132
Other Interest Income	0	0	0	0	0	0	0
Reclaimed Interest Income	\$7,823	\$81	\$3,764	\$4,541	\$7,342	\$11,346	\$14,095
Budget Adjustment	0	0	0	0	0	0	0
TOTAL - RECLAIMED	\$7,823	\$81	\$3,764	\$4,541	\$7,342	\$11,346	\$14,095
Interest Rate (Short Term)		0 20%	0 50%	0.80%	1 00%	1.25%	1 25%
Reserve Fund Balance & Projection		\$5,000	\$5,000	\$5,000	\$100,740	\$239,694	\$410,559

Budget FY 2014-10 Approved Option #32 *** DRAFT *** CITY OF AUSTIN, TEXAS AUSTIN WATER UTILITY

		Amended Budget 2012-13	Estimated 2012-13	1 Approved 2013-14	2 Projected 2014-15	3 Projected 2015-16	4 Projected 2016-17	5 Projected 2017-18
сомві	NED							
4020	Misc Telecom	\$189,000	\$124,896	\$127,400	\$129,900	\$132,500	\$135,200	\$137,900
4030	Private Fire Hydrant Fee	97,000	97,076	99,000	101,000	103,000	105,100	107,200
4048	Industrial Waste Permits	475,300	470,876	480,300	489,900	499,700	509,700	519,900
4049	Permit-Liquid Waste Hauler	12,900	20,989	21,400	21,800	22,200	22,600	23,100
4050	Backflow Prevention Compliance Fee	568,100	582,290	593,900	605,800	617,900	630,300	642,900
4090	OSSF Reviews	38,500	38,545	39,300	40,100	40,900	41,700	42,500
4126	Reconnection Fee	23,600	33,977	34,700	35,400	36,100	36,800	37,500
4209	Rest Criminal Acts/Other Court Rev	0	465	0	0	0	0	0
4213	Xerox Copies	3,000	3,127	3,200	3,300	3,400	3,500	3,600
4216	BAB Interest Subsidy	1,905,400	1,895,746	1,905,400	1,905,400	1,894,100	1,869,700	1,840,900
4222	Late Payment Penalties	1,860,000	2,767,685	2,230,000	2,274,600	2,320,100	2,366,500	2,413,800
4231	Building Rental	235,000	217,000	217,000	217,000	217,000	217,000	217,000
4234	Damage Charges	80,100	20,038	20,500	20,900	21,300	21,700	22,100
4324	Compost/Sludge Sales	460,000	326,511	333,000	339,700	346,500	353,400	360,500
4325	Agri By-Prod	5,000	30,980	31,600	32,200	32,800	33,500	34,200
4323	Special Billings	200	2,735	2,800	2,900	3,000	3,100	3,200
4338	Special Billings Orgs 9050 & 9052	1,200	2,445	2,500	2,600	2,700	2,800	2,900
4389	Land Lease Fees	66,000	60,500	60,500	60,500	60,500	60,500	60,500
4394	Property Sales-Motorized Vehicles	70,600	69,005	70,400	71,800	73,200	74,600	76,100
4479	After Hours Turn On	690,000	59,862	200,000	204,000	208,000	212,200	216,400
4475	Meter Rev - Fire Meters	15,300	23,308	23,800	24,300	24,800	25,300	25,800
4495	Septic Tank Haulers Fee	619,700	612,124	624,400	636,900	649,600	662,600	675,900
4505	Commission Agenda Packets	100	140	100	100	100	100	100
4584	Seminar Fees	8,000	13,668	13,900	14,200	14,500	14,800	15,100
4504	Creedmore Maha	(7,200)	(6,940)	(6,900)	(6,900)	(6,900)	(6,900)	(6,900)
4642	A/R Adj. Leak Adjustment	(882,100)	(1,073,716)	(1,075,700)	(1,078,200)	(1,080,800)	(1,083,400)	(1,086,100)
4642	A/R Adj. Conservation Rebate	200	115	200	200	200	200	200
4646	Lab-Testing Fee	4,900	2,475	2,500	2,500	2,500	2,500	2,500
4653	Southland Oaks Surcharge	129,000	120,891	129,000	129,000	129,000	129,000	129,000
4655	WW Meter Application Fee	600	157	200	200	200	200	200
4655	Wholesale Penalties & Fees	499,000	416,270	419,200	422,200	196,200	196.600	197,000
4000	Service Installation	206,300	393,782	401,700	409,700	417,900	426,200	434,700
4700	Special Bill - Wtr Fin Mgt	183,100	203,099	207,100	211,300	215,500	219,800	224,200
4809	A/R Adjustments	40,100	32,412	32,500	32,500	32,500	32,500	32,500
4809	Insurance Proceeds	40,100	02,412	02,000	02,000	02,000	02,000	0
4874	Miscellaneous	234,800	264,510	269.800	275,200	280,700	286,300	292,100
4875	Returned Check Fee	48.000	43,660	44.600	45,400	46,400	47,400	48,400
4675 4877	Junk/Metal Sales	76,100	84,380	86,000	87,700	89,500	91,300	93,100
4877	Cash Over/Short	200	90	200	200	200	200	200
4879	Sales Tax Penalty	200	105	200	200	200	200	200
4883	New Service Connections	940,000	652,058	665,000	678,400	692,000	705,800	720,000
4883 4999	Recis Recpt	940,000	052,058 50	100	100	100	100,000	100
	RECIS RECOL REVENUES - COMBINED	\$8,897,300	\$8,607,386	\$8,310,800	\$8,444,000	\$8,339,300	\$8,450,700	\$8,560,500
TOTAL		8,897,300	8,860,667	8,787,300	8,929,300	8,834,200	8,955,100	9,074,400
		0,097,300	0,000,007	0,707,500	0,929,000	0,004,200	0,000,100	5,077,700

Budget FY 2014-18

Approved Option #32 CITY OF AUSTIN, TEXAS AUSTIN WATER UTILITY

		Amended Budget 2012-13	Estimated 2012-13	1 Approved 2013-14	2 Projected 2014-15	3 Projected 2015-16	4 Projected 2016-17	5 Projected 2017-18
	१ / Src 5020-2200-9050-XXXX							
4020	Misc Telecom	\$129,000	\$98,332	\$100,300	\$102,300	\$104,300	\$106,400	\$108,500
4030	Private Fire Hydrant Fee	97,000	97,076	99,000	101,000	103,000	105,100	107,200
4048	Industrial Waste Permits	0	0	0	0	0	0	0
4049	Permit-Liquid Waste Hauler	0	0	0	0	0	0	0
4050	Backflow Prevention Compliance Fee	568,100	582,290	593,900	605,800	617,900	630,300	642,900
4090	OSSF Reviews	0	0	0	0	0	0	0
4126	Reconnection Fee	13,300	20,200	20,600	21,000	21,400	21,800	22,200
4209	Rest Criminal Acts/Other Court Rev	0	465	0	0	0	0	0
4213	Xerox Copies	2,900	3,015	3,100	3,200	3,300	3,400	3,500
4216	BAB Interest Subsidy	1,524,300	1,516,599	1,524,300	1,524,300	1,515,300	1,495,800	1,472,700
4222	Late Payment Penalties	900,000	1,344,946	1,150,000	1,173,000	1,196,500	1,220,400	1,244,800
4231	Building Rental	120,000	119,500	119,500	119,500	119,500	119,500	119,500
4234	Damage Charges	80,000	19,998	20,400	20,800	21,200	21,600	22,000
4324	Compost/Sludge Sales	. 0	0	0	0	0	0	0
4325	Agri By-Prod	5,000	30,980	31,600	32,200	32,800	33,500	34,200
4337	Special Billings	200	2,735	2,800	2,900	3,000	3,100	3,200
4338	Special Billings Orgs 9050 & 9052	0	, 0	0	0	0	0	0
4389	Land Lease Fees	66,000	60,500	60,500	60,500	60,500	60,500	60,500
4394	Property Sales-Motorized Vehicles	40,000	39,795	40,600	41,400	42,200	43,000	43,900
4479	After Hours Turn On	230,000	29,931	100,000	102,000	104,000	106,100	108,200
4495	Meter Rev - Fire Meters	15,300	23,308	23,800	24,300	24,800	25,300	25,800
4505	Septic Tank Haulers Fee	0	0	0	´ 0	0	0	0
4559	Commission Agenda Packets	100	140	100	100	100	100	100
4584	Seminar Fees	8,000	13,668	13,900	14,200	14,500	14,800	15,100
4606	Creedmore Maha	(7,200)	(6,940)	(6,900)	(6,900)	(6,900)	(6,900)	(6,900)
4642	A/R Adj. Leak Adjustment	(785,000)	(950,463)	(950,000)	(950,000)	(950,000)	(950,000)	(950,000)
4643	A/R Adj Conservation Rebate	100	75	100	100	100	100	100
4646	Lab-Testing Fee	100	75	100	100	100	100	100
4653	Southland Oaks Surcharge	60,600	57,497	60,600	60,600	60,600	60,600	60,600
4655	WW Meter Application Fee	0	0	0	0	0	0	0
4660	Wholesale Penalties & Fees	225,000	145,963	148,900	151,900	21,900	22,300	22,700
4706	Service Installation	159,100	359,894	367,100	374,400	381,900	389,500	397,300
4771	Special Bill - Wtr Fin Mgt	122,400	155,124	158,200	161,400	164,600	167,900	171,300
4809	A/R Adjustments	100	50	100	100	100	100	100
4845	Insurance Proceeds	0	0	0	0	0	0	0
4874	Miscellaneous	100.000	100.081	102,100	104,100	106,200	108,300	110,500
4875	Returned Check Fee	24,000	21,830	22,300	22,700	23,200	23,700	24,200
4877	Junk/Metal Sales	47,900	46,295	47,200	48,100	49,100	50,100	51,100
4879	Cash Over/Short	100	50	100	100	100	100	100
4881	Sales Tax Penalty	100	50	100	100	100	100	100
4883	New Service Connections	470,000	326,029	332,500	339,200	346,000	352,900	360,000
4883	Recls Recpt	100	50	100	100	100	100	100
	REVENUES - WATER	\$4,216,600	\$4,259,138		\$4,254,600		\$4,229,700	\$4.275.700
TOTAL		ψ4,210,000	ψ 1 ,200,100	φ - , 107,000	ψ <u>1,20</u> 1,000	φτ, 101,000	÷1,220,100	÷ ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

Budget FY 2014-18 Approved Option #32

*** DRAFT ***

CITY OF AUSTIN, TEXAS AUSTIN WATER UTILITY

		Amended		1	2	3	4	5
		Budget 2012-13	Estimated 2012-13	Approved 2013-14	Projected 2014-15	Projected 2015-16	Projected 2016-17	Projected 2017-18
WATER	INFLATION FACTORS							
4020	Misc Telecom	•		2.0%	2.0%	2 0%	2 0%	2.0%
4030	Private Fire Hydrant Fee			2 0%	2.0%	2.0%	2.0%	2.0%
4048	Industrial Waste Permits			0 0%	0.0%	0.0%	0.0%	0.0%
4049	Permit-Liquid Waste Hauler			0.0%	0 0%	0.0%	0.0%	0.0%
4050	Backflow Prevention Compliance Fee			2.0%	2.0%	2 0%	2.0%	2.0%
4090	OSSF Reviews			0 0%	0 0%	0.0%	0.0%	0.0%
4126	Reconnection Fee			2.0%	2.0%	2.0%	2 0%	2 0%
4209	Rest Criminal Acts/Other Court Rev			0.0%	0.0%	0.0%	0.0%	0.0%
4213	Xerox Copies			2.0%	2.0%	2 0%	2.0%	2.0%
4216	BAB Interest Subsidy			0.0%	0.0%	0.0%	0.0%	0 0%
4222	Late Payment Penalties			2 0%	2 0%	2.0%	2.0%	2.0%
4231	Building Rental			0.0%	0.0%	0 0%	0.0%	0.0%
4234	Damage Charges			2.0%	2.0%	2 0%	2.0%	2.0%
4324	Compost/Sludge Sales			0.0%	0.0%	0.0%	0.0%	0 0%
4325	Agri By-Prod			2.0%	2.0%	2.0%	2 0%	2 0%
4337	Special Billings			2.0%	2.0%	2.0%	2.0%	2.0%
4338	Special Billings Orgs 9050 & 9052			0.0%	0.0%	0.0%	0.0%	0.0%
4389	Land Lease Fees			0.0%	0.0%	0.0%	0.0%	0.0%
4394	Property Sales-Motorized Vehicles			2 0%	2.0%	2.0%	2.0%	2 0%
4479	After Hours Turn On			2.0%	2.0%	2 0%	2.0%	2.0%
4495	Meter Rev - Fire Meters			2 0%	2.0%	2.0%	2.0%	2.0%
4505	Septic Tank Haulers Fee			0 0%	0.0%	0.0%	0.0%	0 0%
4559	Commission Agenda Packets			0.0%	0.0%	0.0%	0.0%	0.0%
4584	Seminar Fees			2.0%		2.0%	2.0%	2.0%
4606	Creedmore Maha			0.0%	0.0%	0.0%	0.0%	0.0%
4642	A/R Adj. Leak Adjustment			0.0%		0.0%	0.0%	0.0%
4642	A/R Adj. Conservation Rebate			0.0%		0.0%	0.0%	0.0%
	•			0.0%		0.0%	0.0%	0.0%
4646	Lab-Testing Fee Southland Oaks Surcharge			0.0%		0.0%	0.0%	0.0%
4653				0.0%		0.0%	0.0%	0.0%
4655	WW Meter Application Fee			2.0%		2.0%	2.0%	2.0%
4660	Wholesale Penalties & Fees			2.0%		2.0%	2.0%	2.0%
4706	Service Installation			2.0%		2.0%	2 0 %	2.0%
4771	Special Bill - Wtr Fin Mgt			2.0%		0.0%	0.0%	0.0%
4809	A/R Adjustments			0.0%		0.0%	0.0%	0.0%
4845	Insurance						2.0%	2.0%
4874	Miscellaneous			2.0%		2.0%		
4875	Returned Check Fee			2 0%		2.0%	2 0%	2.0% 2.0%
4877	Junk/Metal Sales			2.0%			2.0%	
4879	Cash Over/Short			0.0%				0.0%
4881	Sales Tax Penalty			0 0%				0.0%
4883	New Service Connections			2.0%			2.0%	2 0%
4999	Recls Recpt			0.0%	0.0%	0.0%	0 0%	0.0%

Budget FY 2014-18 Approved Option #32

*** DRAFT ***

CITY OF AUSTIN, TEXAS AUSTIN WATER UTILITY

		Amended Budget	Estimated	1 Approved	2 Projected	3 Projected	4 Projected	5 Projected
		2012-13	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
WASTE	WATER							
	/ Src 5030-2200-9050-XXXX							
4020	Misc Telecom	\$60,000	\$26,564	\$27,100	\$27,600	\$28,200	\$28,800	\$29,400
4030	Private Fire Hydrant Fee	0	0	0	0	0	0	0
4048	Industrial Waste Permits	475,300	470,876	480,300	489,900	499,700	509,700	519,900
4049	Permit-Liquid Waste Hauler	12,900	20,989	21,400	21,800	22,200	22,600	23,100
4050	Backflow Prevention Compliance Fee	0	0	0	0	0	0	0
4090	OSSF Reviews	38,500	38,545	39,300	40,100	40,900	41,700	42,500
4126	Reconnection Fee	10,300	13,777	14,100	14,400	14,700	15,000	15,300
4209	Rest Criminal Acts/Other Court Rev	0	0	0	0	0	0	0
4213	Xerox Copies	100	112	100	100	100	100	100
4216	BAB Interest Subsidy	381,100	379,147	381,100	381,100	378,800	373,900	368,200
4222	Late Payment Penalties	960,000	1,422,739	1,080,000	1,101,600	1,123,600	1,146,100	1,169,000
4231	Building Rental	115,000	97,500	97,500	97,500	97,500	97,500	97,500
4234	Damage Charges	100	40	100	100	100	100	100
4324	Compost/Sludge Sales	460,000	326,511	333,000	339,700	346,500	353,400	360,500
4325	Agri By-Prod	0	0	0	0	0	0	0
4337	Special Billings	0	0	0	0	0	0	0
4338	Special Billings Orgs 9050 & 9052	1,200	2,445	2,500	2,600	2,700	2,800	2,900
4389	Land Lease Fees	0	0	0	0	0	0	0
4394	Property Sales-Motorized Vehicles	30,600	29,210	29,800	30,400	31,000	31,600	32,200
4479	After Hours Turn On	460,000	29,931	100,000	102,000	104,000	106,100	108,200
4495	Meter Rev - Fire Meters	0	, 0	0	0	0	0	· 0
4505	Septic Tank Haulers Fee	619,700	612,124	624,400	636,900	649,600	662,600	675,900
4559	Commission Agenda Packets	0	. 0	0	0	0	0	0
4584	Seminar Fees	Ō	Ō	0	0	0	0	0
4606	Creedmore Maha	Ő	0	0	0	0	0	0
4642	A/R Adj. Leak Adjustment	(97,100)	(123,253)	(125,700)	(128,200)	(130,800)	(133,400)	(136,100)
4643	A/R Adj. Conservation Rebate	100	40	100	100	100	100	100
4646	Lab-Testing Fee	4,800	2,400	2.400	2,400	2,400	2,400	2,400
4653	Southland Oaks Surcharge	68,400	63,394	68,400	68,400	68,400	68,400	68,400
4655	WW Meter Application Fee	600	157	200	200	200	200	200
4660	Wholesale Penalties & Fees	274,000	270.307	270,300	270,300	174,300	174,300	174,300
4706	Service Installation	47,200	33,888	34,600	35,300	36,000	36,700	37,400
4771	Special Bill - Wtr Fin Mgt	60,700	47,975	48,900	49,900	50,900	51,900	52,900
4809	A/R Adjustments	40,000	32,362	32,400	32,400	32,400	32,400	32,400
4845	Insurance Proceeds	0	0_,00_	0	0	0	0	0
4874	Miscellaneous	134.800	164,429	167,700	171,100	174,500	178,000	181,600
4875	Returned Check Fee	24,000	21,830	22,300	22,700	23,200	23,700	24,200
4873	Junk/Metal Sales	28,200	38,085	38,800	39,600	40,400	41,200	42,000
4879	Cash Over/Short	100	40	100	100	100	100	100
4881	Sales Tax Penalty	100	55	100	100	100	100	100
4883	New Service Connections	470,000	326,029	332,500	339,200	346,000	352,900	360,000
4003	Recls Recpt	0,000	020,020	002,000	000,200	0	0	0
	•				<u>_</u>		£4.004.000	
TOTAL	REVENUES - WASTEWATER	\$4,680,700	\$4,348,248	\$4,123,800	\$4,189,400		\$4,221,000	\$4,284,800

Budget FY 2014-18 Approved Option #32 *** DRAFT *** CITY OF AUSTIN, TEXAS AUSTIN WATER UTILITY

		Amended		1	2	3 Decision to d	4 Decidents d	5 Decidented
		Budget 2012-13	Estimated 2012-13	Approved 2013-14	Projected 2014-15	Projected 2015-16	Projected 2016-17	Projected 2017-18
WASTE	WATER INFLATION FACTORS							
4020	Misc Telecom			2.0%	2.0%	2.0%	2.0%	2.0%
4030	Private Fire Hydrant Fee			0 0%	0 0%	0 0%	0 0%	0 0%
4048	Industrial Waste Permits			2 0%	2 0%	2 0%	2 0%	2 0%
4049	Permit-Liquid Waste Hauler			2.0%	2.0%	2.0%	2.0%	2.0%
4050	Backflow Prevention Compliance Fee			0 0%	0.0%	0.0%	0.0%	0.0%
4090	OSSF Reviews			2.0%	2 0%	2 0%	2 0%	2 0%
4126	Reconnection Fee			2.0%	2.0%	2.0%	2 0%	2 0%
4209	Rest Criminal Acts/Other Court Rev			0.0%	0.0%	0.0%	0.0%	0.0%
4213	Xerox Copies			2 0%	2 0%	2 0%	2 0%	2.0%
4216	BAB Interest Subsidy			0.0%	0.0%	0.0%	0.0%	0 0%
4222	Late Payment Penalties			2.0%	2.0%	2.0%	2.0%	2 0%
4231	Building Rental			0.0%	0.0%	0.0%	0.0%	0.0%
4234	Damage Charges			2.0%	2.0%	2.0%	2 0%	2 0%
4324	Compost/Sludge Sales			2 0%	2 0%	2.0%	2.0%	2.0%
4325	Agri By-Prod			2.0%	2.0%	2.0%	2.0%	2.0%
4337	Special Billings			0.0%	0.0%	0.0%	0.0%	0.0%
4338	Special Billings Orgs 9050 & 9052			2.0%	2.0%	2 0%	2 0%	2 0%
4389	Land Lease Fees			0.0%	0.0%	0.0%	0 0%	0 0%
4394	Property Sales-Motorized Vehicles			2.0%	2.0%	2.0%	2.0%	2.0%
4479	After Hours Turn On			2.0%	2.0%	2 0%	2.0%	2.0%
4495	Meter Rev - Fire Meters			0 0%	0 0%	0 0%	0.0%	0.0%
4505	Septic Tank Haulers Fee			2.0%	2 0%	2 0%	2 0%	2.0%
4559	Commission Agenda Packets			0.0%	0.0%	0.0%	0 0%	0.0%
4584	Seminar Fees			0.0%	0.0%	0.0%	0.0%	0.0%
4606	Creedmore Maha			0 0%	0 0%	0.0%	0.0%	0.0%
4642	A/R Adj. Leak Adjustment			2.0%	2.0%	2.0%	2 0%	2 0%
4643	A/R Adj. Conservation Rebate			0.0%	0.0%	0 0%	0.0%	0.0%
4646	Lab-Testing Fee			0.0%	0.0%	0.0%	0.0%	0.0%
4653	Southland Oaks Surcharge			0 0%	0.0%	0 0%	0 0%	0 0%
4655	WW Meter Application Fee			2 0%	2 0%	2.0%	2.0%	2 0%
4660	Wholesale Penalties & Fees			0.0%	0.0%	0 0%	0.0%	0.0%
4706	Service Installation			2.0%	2.0%	2.0%	2.0%	2.0%
4771	Special Bill - Wtr Fin Mgt			2 0%	2.0%	2.0%	2 0%	2 0%
4809	A/R Adjustments			0.0%	0 0%	0.0%	0.0%	0.0%
4845	Insurance Proceeds			0 0%	0.0%	0.0%	0 0%	0 0%
4874	Miscellaneous			2.0%	2.0%	2 0%	2.0%	2.0%
4875	Returned Check Fee			2.0%	2.0%	2.0%	2.0%	2.0%
4877	Junk/Metal Sales			2.0%	2.0%		2 0%	2.0%
4879	Cash Over/Short			0.0%	0.0%		0.0%	0.0%
4881	Sales Tax Penalty			0.0%	0.0%		0.0%	0.0%
4883	New Service Connections			2.0%	2.0%		2.0%	2.0%
4999	Recls Recpt			0.0%	0.0%		0.0%	0 0%
1000								

Budget FY 2014-18 Approved Option #32

*** DRAFT ***

CITY OF AUSTIN, TEXAS AUSTIN WATER UTILITY

		Amended		1	2	3	4 Decise to d	5 Drojected
		Budget 2012-13	Estimated 2012-13	Approved 2013-14	Projected 2014-15	Projected 2015-16	Projected 2016-17	Projected 2017-18
RECLA	IMED							
	/ Src 5025-2200-9050-XXXX							
4020	Misc Telecom	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4030	Private Fire Hydrant Fee	0	0	0	0	0	0	0
4048	Industrial Waste Permits	0	0	0	0	0	0	0
4049	Permit-Liquid Waste Hauler	0	0	0	0	0	0	0
4050	Backflow Prevention Compliance Fee	0	0	0	0	0	0	0
4090	OSSF Reviews	0	0	0	0	0	0	0
4126	Reconnection Fee	0	0	0	0	0	0	0
4209	Rest Criminal Acts/Other Court Rev	0	0	0	0	0	0	0
4213	Xerox Copies	0	0	0	0	0	0	0
4216	BAB Interest Subsidy	0	0	0	0	0	0	0
4222	Late Payment Penalties	0	0	0	0	0	0	0
4231	Building Rental	0	0	0	0	0	0	0
4234	Damage Charges	0	0	0	0	0	0	0
4324	Compost/Sludge Sales	0	0	0	0	0	0	0
4325	Agri By-Prod	0	0	0	0	0	0	0
4337	Special Billings	0	0	0	0	0	0	0
4338	Special Billings Orgs 9050 & 9052	0	0	0	0	0	0	0
4389	Land Lease Fees	0	0	0	0	0	0	0
4394	Property Sales-Motorized Vehicles	0	0	0	0	0	0	0
4479	After Hours Turn On	0	0	0	0	0	0	0
4495	Meter Rev - Fire Meters	0	0	0	0	0	0	0
4505	Septic Tank Haulers Fee	0	0	0	0	0	0	0
4559	Commission Agenda Packets	0	0	0	0	0	0	0
4584	Seminar Fees	0	0	0	0	0	0	0
4606	Creedmore Maha	0	0	0	0	0	0	0
4642	A/R Adj. Leak Adjustment	0	0	0	0	0	0	0
4643	A/R Adj Conservation Rebate	0	0	0	0	0	0	0
4646	Lab-Testing Fee	0	0	0	0	0	0	0
4653	Southland Oaks Surcharge	0	0	0	0	0	0	0
4655	WW Meter Application Fee	0	0	0	0	0	0	0
4660	Wholesale Penalties & Fees	0	0	0	0	0	0	0
4706	Service Installation	0	0	0	0	0	0	0
4771	Special Bill - Wtr Fin Mgt	0	0	0	0	0	0	0
4809	A/R Adjustments	0	0	0	0	0	0	0
4845	Insurance Proceeds	0	0	0	0	0	0	0
4874	Miscellaneous	0	0	0	0	0	0	0
4875	Returned Check Fee	0	0	0	0	0	0	0
4877	Junk/Metal Sales	0	0	0	0	0	0	0
4879	Cash Over/Short	0	0	0	0	0	0	0
4881	Sales Tax Penalty	0	0	0	0	0	0	0
4883	New Service Connections	0	0	0	0	0	0	0
4999	Recls Recpt	0	0	0	0	0	0	0
	REVENUES - RECLAIMED	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Budget FY 2014-18 Approved Option #32 *** DRAFT *** CITY OF AUSTIN, TEXAS AUSTIN WATER UTILITY

		Amended		1	2	3	4	5
		Budget 2012-13	Estimated 2012-13	Approved 2013-14	Projected 2014-15	Projected 2015-16	Projected 2016-17	Projected 2017-18
		2012-13	2012-13	2013-14	2014-13	2010-10	2010 17	2017 10
				2.0%	2.0%	2.0%	2.0%	2.0%
4020	Misc Telecom			2.0%	2.0%	2.0%	2.0%	2.0%
4030	Private Fire Hydrant Fee			2.0%	2.0%	2.0%	2.0%	2.0%
4048	Industrial Waste Permits			2.0%	2.0%	2.0%	2.0%	2.0%
4049	Permit-Liquid Waste Hauler			2.0%	2.0%	2.0%	2.0%	2.0%
4050	Backflow Prevention Compliance Fee					2.0%	2.0%	2.0%
4090	OSSF Reviews			2.0%	2.0%		2.0%	2.0%
4126	Reconnection Fee			2 0%	2.0%	2 0%		
4209	Rest Criminal Acts/Other Court Rev			2.0%	2 0%	2 0%	2 0%	2 0%
4213	Xerox Copies			2.0%	2.0%	2.0%	2.0%	2.0%
4216	BAB Interest Subsidy			2.0%	2.0%	2.0%	2.0%	2.0%
4222	Late Payment Penalties			2.0%	2 0%	2.0%	2.0%	2.0%
4231	Building Rental			2.0%	2 0%	2 0%	2 0%	2 0%
4234	Damage Charges			2.0%	2.0%	2.0%	2.0%	2.0%
4324	Compost/Sludge Sales			2.0%	2.0%	2.0%	2.0%	2.0%
4325	Agri By-Prod			2.0%	2 0%	2 0%	2 0%	2 0%
4337	Special Billings			2.0%	2.0%	2.0%	2.0%	2.0%
4338	Special Billings Orgs 9050 & 9052			2.0%	2.0%	2.0%	2.0%	2.0%
4389	Land Lease Fees			2.0%	2 0%	2.0%	2 0%	2 0%
4394	Property Sales-Motorized Vehicles			2.0%	2.0%	2.0%	2.0%	2.0%
4479	After Hours Turn On			2 0%	2.0%	2.0%	2.0%	2.0%
4495	Meter Rev - Fire Meters			2 0%	2 0%	2.0%	2 0%	2.0%
4505	Septic Tank Haulers Fee			2.0%	2.0%	2.0%	2.0%	2.0%
4559	Commission Agenda Packets			2.0%	2.0%	2.0%	2.0%	2.0%
4584	Seminar Fees			2 0%	2.0%	2.0%	2.0%	2.0%
4606	Creedmore Maha			2.0%	2 0%	2.0%	2.0%	2.0%
4600	A/R Adj. Leak Adjustment			2.0%	2.0%	2.0%	2.0%	2.0%
				2.0%	2.0%	2 0%	2.0%	2.0%
4643	A/R Adj. Conservation Rebate			2.0%	2.0%	2.0%	2.0%	2.0%
4646	Lab-Testing Fee			2.0%	2.0%	2.0%	2.0%	2.0%
4653	Southland Oaks Surcharge			2.0%	2.0%	2.0%	2.0%	2.0%
4655	WW Meter Application Fee			2.0%	2.0%	2.0%	2.0%	2.0%
4660	Wholesale Penalties & Fees			2.0%	2.0%	2.0%	2.0%	2.0%
4706	Service Installation				2.0%	2.0%	2.0%	2.0%
4771	Special Bill - Wtr Fin Mgt			2.0%				2.0%
4809	A/R Adjustments			2.0%	2.0%	2.0%	2.0%	
4845	Insurance Proceeds			2 0%			2.0%	2.0%
4874	Miscellaneous			2.0%			2.0%	2.0%
4875	Returned Check Fee			2.0%			2.0%	2.0%
4877	Junk/Metal Sales			2.0%			2.0%	2.0%
4879	Cash Over/Short			2.0%			2.0%	
4881	Sales Tax Penalty			2.0%			2.0%	
4883	New Service Connections			2.0%			2.0%	2 0%
4999	Recis Recpt			2.0%	2.0%	2 0%	2.0%	2.0%

Budget FY 2014-18 Approved Option #32

32____

CITY OF AUSTIN, TEXAS AUSTIN WATER UTILITY

INTEREST INCOME

	Amended Budget 2012-13	Estimated 2012-13	1 Approved 2013-14	2 Projected 2014-15	3 Projected 2015-16	4 Projected 2016-17	5 Projected 2017-18
COMBINED UTILITY:							
Operating Fund - 4221	\$226,319	\$100,105	\$78,019	\$273,045	\$434,875	\$589,476	\$666,819
CIP Construct. Fund - 4219	80,000	37,400	37,400	126,000	182,000	250,000	262,500
Debt Service Fund - 4224	164,623	72,723	72,795	245,292	367,552	466,142	502,065
Debt Reserve Fund - 4895	277,291	108,041	108,041	369,489	587,341	734,177	808,552
Other Interest Income	0	0	0	0	0	0	0
- Combined Interest Income	\$748,233	\$318,269	\$296,255	\$1,013,826	\$1,571,768	\$2,039,795	\$2,239,936
Budget Adjustment	0	0	00	0	0	0	0
TOTAL - COMBINED	\$748,233	\$318,269	\$296,255	\$1,013,826	\$1,571,768	\$2,039,795	\$2,239,936
WATER UTILITY:							
Operating Fund - 4221	\$161,954	\$66,409	\$38,609	\$153,944	\$244,777	\$322,986	\$385,348
CIP Construct. Fund - 4219	5,000	4,400	4,400	21,000	32,000	62,500	75,000
Debt Service Fund - 4224	79,543	35,547	36,769	127,310	190,741	245,024	264,333
Debt Reserve Fund - 4895	158,376	62,395	62,395	222,308	351,840	439,801	475,982
Other Interest Income	0	0	0	0	0	0	0
Water Interest Income	\$404,873	\$168,751	\$142,173	\$524,562	\$819,358	\$1,070,311	\$1,200,663
Budget Adjustment	0	0	00	00	00	00	00
TOTAL - WATER	\$404,873	<u>\$168,751</u>	\$142,173	\$524,562	\$819,358	\$1,070,311	\$1,200,663
Interest Rate (Short Term) [.]		0.22%	0 22%	0 70%	1.00%	1.25%	1 25%
Debt Reserve Fund Balance & Projectic	\$22,123,140	\$27,085,615	\$31,758,299	\$31,758,299	\$35,184,044	\$35,184,044	\$38,078,529
WASTEWATER UTILITY:							
Operating Fund - 4221	\$63,102	\$33,281	\$39,852	\$118,422	\$189,081	\$265,181	\$280,040
CIP Construct. Fund - 4219	75,000	33,000	33,000	105,000	150,000	187,500	187,500
Debt Service Fund - 4224	82,604	36,198	35,093	114,899	171,824	215,828	231,973
Debt Reserve Fund - 4895	118,890	45,583	45,583	146,746	232,281	290,351	324,852
Other Interest Income	0	0	0	0	0	0	0
Wastewater Interest Income	\$339,596	\$148,062	\$153,528	\$485,067	\$743,186	\$958,860	\$1,024,365
Budget Adjustment	0	0	0	0	0	0	0
TOTAL - WASTEWATER	\$339,596	\$148,062	\$153,528	\$485,067	\$743,186	\$958,860	\$1,024,365
Interest Rate (Short Term).		0 22%	0.22%	0 70%	1 00%	1 25%	1.25%
Reserve Fund Balance & Projection	\$19,280,995	\$20,425,145	\$20,963,656	\$20,963,656	\$23,228,068	\$23,228,068	\$25,988,134
RECLAIMED UTILITY:							-
Operating Fund - 4221	\$1,263	\$415	(\$442)	\$679	\$1,017	\$1,309	\$1,431
CIP Construct. Fund - 4219	0	0	0	0	0	0	0
Debt Service Fund - 4224	2,476	978	933	3,083	4,987	5,290	5,759
Debt Reserve Fund - 4895	25	63	63	435	3,220	4,025	7,718
Other Interest Income	0	00	0	0	0	0	0
Reclaimed Interest Income	\$3,764	\$1,456	\$554	\$4,197	\$9,224	\$10,62 <u>4</u>	\$14,908
Budget Adjustment	0	0	00	0	0	0	0
TOTAL - RECLAIMED	\$3,764	\$1,456	\$554	\$4,197	\$9,224	\$10,624	\$14,908
Interest Rate (Short Term)		0 22%	0.22%	0 70%	1.00%	1.25%	1.25%
Reserve Fund Balance & Projection	\$5.000	\$23,375	\$62,180	\$62,180	\$322,024	\$322,024	\$617,472

Response to

Staff

1-17

SURFACE WATER MONTHLY OPERATING REPORT

FOR PUBLIC WATER SYSTEMS THAT ARE USING SURFACE WATER SOURCES OR GROUND WATER SOURCES UNDER THE INFLUENCE OF SURFACE WATER Summary Page

PUBLIC WATER SYSTEM NAME:	River Place MUD		-	RIVER PLACE WTP formation contained in this report and formation is true, complete, and accur						
PWS ID No.: Report for	2270252	Operator's Signature:								
the Month of:	January 2013	Certificate No. & Grade:	WS0010736, C	Date:	February 11, 2013					
		TREATMEN	T PLANT PERFORMANCE							
1	of turbidity readings:	<u> </u>	Number of 4-hour periods when pla		0					
	dings above 0.10 NTU: dings above 0.3 NTU:	0	Number of 4-hour periods when pla but turbidity data was not collected		0					
	dings above 0.5 NTU:	0	Number of days when plant was or							
	dings above 1.0 NTU:	0	but individual filter turbidity data w		0					
Maximum allow	wable turbidity level;	0.3	Number of days with readings abo	ve 1.0 NTU:	0 (2)					
Percentage of	readings above this limit:	0.0 % (1)	Number of days with readings abo	ve 5.0 NTU:	0 (3)					
2010 100 10 10 10 10 10 10 10 10 10 10 10	atistical Maximum tur mmary Minimum tur CFE 95 th per	Average turbidity value: Standard deviation: IFE 95 ⁵⁶ percentile:	0.06 NTU 0.011 NTU 0.100 NTU							
	ys with a low CT	-	Average log inactivation for Giardi		1.29					
1	an 4.0 consecutive hours:	0	Average log inactivation for viruse Number of days when profiling dat		2.85					
	ys with a low CT 4.0 consecutive hours:	a was not collected: s not collected:	<u>0</u>							
Minimum disir	nfectant residual required leaving the	ə plant:	0.5 mg/L, measured as Total	Chlorine						
	ys with a low residual an 4.0 consecutive hours:	0								
1	ys with a low residual		Number of days when disinfectant	residual						
	4.0 consecutive hours:	0 (5)	leaving the plant was not properly		0					
		DIST	RIBUTION SYSTEM							
	ectant residual required in distributio		0.5 mg/L, measured as Total	Chlorine	-					
	readings this month;	<u>34</u> (at least 31		real-dual this menth	0.0 8 (64)					
-	tant residual value: ngs with a low residual:	3.04	Percentage of readings with a low	residual has month.	0.0 % (6A)					
	ngs with no detectable residual:	<u>0</u>	Percentage of readings with a low	residual last month:	0.0 % (6B)					
		ADDITIONAL	REPORTS & WORKSHEETS							
The Page 1 Ac	ddendum (Public Notices) is not requ	ired because there were r	o treatment technique or monitorin	g/reporting violations reported.						
Additional rep	Additional report(s) for individual filter monitoring required:									
Additional rep	oort(s) for individual filter monitoring	submitted: (NONE OFilter Profile (9)	OFilter Assessment (10)	O CPE (11)					
No addition	al IFE Reports are required this mon	ith.								
	<u> </u>		<#**		ann <u>a an an Addit Canadiga</u> an an <u>Alain ann an An</u> tainean an Alain an Anna					
			ER MONTHLY OPERATING							
	TEXAS COMMISSION ON ENVIRONMENTAL QUALITY									
			(13087, AUSTIN, TEXAS 78711-3							

TCEQ - 0102C (07-19-10)

e . •

PAGE 1

SWMOR

MONTHLY TOTAL ORGANIC CARBON REMOVAL REPORT (TOCMOR)

	OR GROUND WATER UNDE		COMPENSE MATER	OVOTERSO
FOR SURFACE WATER	THE GROUND I WATER UNDE	K THE INFLUENCE UP	· SURFALE WATER	31316803

	C WATER	River Place M	UD				PLANT NAME OR NUMBER:			
PV	VS ID No.:	2270252					Month:	January	Year:	2013
	Type of treatment:	Х	Conventional			Unconventional explain:		····· · · · · · · · · · · · · · · · ·		
Note: Syster	ns are require	ed to run <u>one</u> TOC	Sample Set ever	month Addition	al space is provid	ed for those systems	that do additional san	pling		
		Monti	hly TOC Samp	e Set	Step 1		Optional	data		
Test No.	Test Date	Raw Alkalinity	Raw TOC	Treated TOC	Actual % TOC Removed	Required % Removal	Step 1 Removal Ratio	Step 2 Required % Removal	Step 2 Removal Ratio	COMPLIANCE REMOVAL RATIO
	8	Enter t	he Sample Set i	esults	calculated	calculated from matrix	calculated			calculated
1	1/15	162	3.84	3.35	12,8	15	0.85	and the second	C	0.85
2	1/10									
3										- All
4	- 16					······				
5				······						
6										
7										
8										
9										
10										
11										
12							····			
13							AL.			
34										
15										·····
16							<u></u>		· · · · · ·	
17 18										
18								· · · · · · · · · · · · · · · · · · ·		
20						· · · · · · · · · · · · · · · · · · ·		·		
21										
22			-							
23								· · · · · · · · · · · · · · · · · · ·		
24		f	-	······································						
25										
26								·····		
27										
28										
29										
30		_								
31					1					
Avg		162.00	3,84	3.35	12.76		0.85			0.85
Max		162.00	3.84	3.35	12.76		0.85		·	0.85
Min		162.00	3.84	3 35	12.76		0.85			0.85

TOTAL ORGANIC CARBON (TOC) REMOVAL SUMMARY

TDC Summary: Bon't forget to Include a capy of your P.7-TOC ACC worksheet with your report.						
Raw Water Alkalinity	Raw Water TOC	Treated Water TOC	TOC % Removal	ACC # used	Compliance Ratio	
162	3.84	3.35	12.8	6	1.00	
102	5.54	0.00	(2.0	Mo. Avg	1.00	

I certify that I am familiar with the information contained in this report and that, to the best of my knowledge, the information

is true, complete, and accurate. Operator's Signature:

Certificate No. and Grade WS0010736, C

Submit the report by the 10th of the month following the reporting period to: TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER SUPPLY DIVISION/PUBLIC DRINKING WATER SECTION (MC-155) P.O. BOX 13087, AUSTIN, TEXAS 78711-3087

TOCMOR, Page 1 - Summary

y

TOCMOR

£°

Date: February 11, 2013

SURFACE WATER MONTHLY OPERATING REPORT

FOR PUBLIC WATER SYSTEMS THAT ARE USING SURFACE WATER SOURCES OR GROUND WATER SOURCES UNDER THE INFLUENCE OF SURFACE WATER S

PUBLIC WATER SYSTEM NAME:	River Place MUD	<u>.</u>	PLANT NAME OR NUMBER: I certify that Yam familiar with the		nd Ihai,
PWS ID No.:	2270252	Operator's Signature:			
Report for the Month of:	February 2013	Certificate No. & Grade:	WS0010736, C	Date:	March 7, 2013
		TREATMEN	T PLANT PERFORMANCE		
Total number of	of turbidity readings:	and the second se	Number of 4-hour periods when	ı plant was off-line:	<u> </u>
	dings above 0.10 NTU:		Number of 4-hour periods when		D
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	dings above 0.3 NTU: dings above 0.5 NTU:	the last sector with the last	but turbidity data was not collect Number of days when plant was		`
	dings above 1.0 NTU:		but individual filter turbidity dal		0
	wable turbidity level:	0.3	Number of days with readings a	above 1.0 NTU:	0 (2)
	readings above this limit:	0.0 % (1)	Number of days with readings a	above 5,0 NTU:	0 (3)
265-26 St	atistical Maximum turi	bidity reading:	0.07 NTU	Average turbidity value:	0.05 NTU
- 32 C C & M	mmary Minimum turt	oldity reading:	0,03 NTU	Standard deviation:	0,008 NTU
	CFE 95 th perc	entile value:	0,06 NTU	IFE 95 th percentile:	0.080 NTU
Number of day	ys with a low CT		Average log Inactivation for Gia		1.38
for no more th	an 4.0 consecutive hours:	0	Average log inactivation for vir		3.23
	ys with a low CT	0 (4)	Number of days when profiling Number of days when CT data		<u> </u>
tor more than	4.0 consecutive hours:	<u> </u>			
Minimum disi	nfectant residual required leaving the	plant:	0.5 mg/L, measured as To	otal Chlorine	1
	ys with a low residual	0			
	han 4.0 consecutive hours:		Northan of days when disinfasi	int maidual	
	ys with a low residual 4.0 consecutive hours:	0 (5)	Number of days when disinfect leaving the plant was not prope		0
for more than					
		DIST	RIBUTION SYSTEM		
	ectant residual required in distribution		0.5 mg/L, measured as Te	otal Chlorine	
	readings this month:		required) (6)		
	ctant residual value:	2.80	Percentage of readings with a	low residual this month:	0.0 % (6A)
Number of readi	ings with a low residual:	0			
Number of read	ings with no detectable residual:	0	Percentage of readings with a	low residual last month:	0.0 % (6B)
		ADDITIONAL	REPORTS & WORKSHEET	rs	
The Page 1 A	ddendum (Public Notices) is not requi	red because there were n	io treatment technique or monito	oring/reporting violations reporte	ed.
	port(s) for individual filter monitoring	-	NONE O Filter Profile	O Filter Assessment	O CPE
	port(s) for individual filter monitoring		NONE O Filter Profile (9) O Filter Assessment (1	0) O CPE (11)
No addition	nal IFE Reports are required this mont	h.			

SURFACE WATER MONTHLY OPERATING REPORT TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER SUPPLY DIVISION/PUBLIC DRINKING WATER SECTION (MC-155) P.O. BOX 13087, AUSTIN, TEXAS 78711-3087

TCEQ - 0102C (07-19-10)

2

PAGE 1

-

SWMOR

MONTHLY TOTAL ORGANIC CARBON REMOVAL REPORT (TOCMOR)

FOR SURFACE WATER OR GROUND WATER UNDER THE INFLUENCE OF SURFACE WATER SYSTEMS

	C WATER	River Place N					PLANT NAME OR NUMBER: RIVER PLACE WTP			
	EM NAME:	2270252	100				Month:	February	Year:	2013
PV	NS 1D No.:	2210252	•			las durat				
	Type of treatment:	X	Conventional			Unconventional explain:				
Note: Syster	ms are require	ed to run <u>one</u> TO	C Sample Set eve	ry month. Additio	nal space is provid	ed for those systems	ihat do additional san	npling		
		Mont	hly TOC Samp	le Set		Step 1		Optional data		CONDUMNEE
Test No.	Test Date	Raw Alkalinity	Raw TOC	Treated TOC	Actual % TOC Removed	Required % Removai	Step 1 Removal Ratio	Step 2 Required % Removal	Step 2 Removal Ratio	COMPLIANCE REMOVAL RATIO
		Enter	Enter the Sample Set results		caiculated	calculated from matrix	calculated SMA 2007 2007			calculated
1	2/14	167	3.78	3,60	4.6	15	0.32			0,32
2										
3										
4										
5					·					
6				· ·						
7		-								
8										
9										
10							·			
11										
12										·
13										
14										
15										
18										
17										
18										
19								<u> </u>	ļ	
20										
21									ļ	
22										
23										
24										
25										
26										
27										
28	L	ļ							ļ	Į
29									+	
30				- <u> </u>					<u> </u>	ļ
31		<u> </u>				الم الم الموجود الم الم المحمد الم الم		a in simple of press of an 7 k differen		
Avg		167.00	3.78	3,60	4.76		0.32			0.32
Max		167.00	3.78	3,60	4.78		0.32			0.32
Min	《公寓》:"管理管	467.00	3.78	3.60	4.76	1.103.000 2.000 2.00	0.32	17% 经路径 现代 网络心疗	1	0,32

TOTAL ORGANIC CARBON (TOC) REMOVAL SUMMARY

TOSISum Raw Water Alkalinity	nativi Donit forget to includ Raw Water TOC	a copy of your P / TOC ACC Treated Water TOC	work-heet with your report TOC % Removal	ACC # used	Monthly Compliance Ratio
167	3.78	3.60	4.8	6 Mo. Avg	1.00

t certify that I am familiar with the information contained in this report and that, to the best of my knowledge, the information is invo, cemplete, and accurate.

Operator's Signature:

Cerlificate

No. and Grade: <u>W\$0010736, C</u> Date: March 7, 2013

Submit the report by the 10th of the month following the reporting period to: TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER SUPPLY DIVISION/PUBLIC DRINKING WATER SECTION (MC-155) P.O. BOX 13087, AUSTIN, TEXAS 78711-3087

TCEQ - 0879 (09-01-09)

TOCMOR, Page 1 - Summary

TOCMOR

SURFACE WATER MONTHLY OPERATING REPORT

FOR PUBLIC WATER SYSTEMS THAT ARE USING SURFACE WATER SOURCES OR GROUND WATER SOURCES UNDER THE INFLUENCE OF SURFACE WATER

Summary Page

PUBLIC WATER SYSTEM NAME: PWS ID No.: Report for	River Place MUD 2270252		Operator's Signature:			RIVER PLACE WTP formation contained in this report a formation is true, complete, and acc	
the Month of:	March 2013		Certificate No. & Grade:	WS001073	6, C	Date:	April 4, 2013
			TREATMEN	F PLANT PERI	ORMANCE		
Number of read Number of read Number of read Number of read Maximum allow Percentage of Sta Sur	of turbidity readings; dings above 0.10 NTU; dings above 0.3 NTU: dings above 0.5 NTU: dings above 1.0 NTU; wable turbidity level: readings above this lin tistical mmary	nit: Maximum turb Minimum turb CFE 95 th perce	0 0 0 0.3 0.0 % (1) bidity reading. dity reading: entile value:	Number of 4-hou but turbidity data Number of days but individual fill Number of days Number of days 0.08 NTU 0.05 NTU 0.07 NTU	r periods when pla r periods when plan a was not collected when plant was or ter turbidity data w with readings above with readings above tivation for Giardia	ant was on-line d: line vas not collected: ve 1.0 NTU: ve 5 0 NTU: Average turbidity value: Standard deviation: IFE 95 th percentile:	0 0 0 0 (2) 0 (3) 0 06 NTU 0.006 NTU 0.100 NTU 1.60
for no more the Number of day	an 4.0 consecutive hours s with a low CT 4.0 consecutive hours:	rs;	0	Average log inac Number of days	tivation for viruse	s: a was not collected:	1.60 3.81 0
Number of day for no more the Number of day	fectant residual requir rs with a low residual an 4.0 consecutive hou rs with a low residual 4.0 consecutive hours:		0	Number of days	neasured as Total when disinfectant was not properly	residual	<u>0</u>
			DIST	RIBUTION SYS	TEM		
Total number of r Average disinfect Number of readin	ctant residual required readings this month: tant residual value: ngs with a low residual ngs with no detectable	:	system: 34 (at least 31 r 0	0.5 mg/L, r equired) (8) Percentage of re	neasured as Total adings with a low	Chlorine residual this month: residual last month:	00 % (6A)
	dendum (Public Notice ort(s) for individual filt		~	treatment techn		g/reporting violations reported	
Additional rep	ort(s) for individual filte al IFE Reports are requ	er monitoring s	ubmitted:	< ¥	ilter Profile (9)	OFilter Assessment OFilter Assessment (10) O CPE)) O CPE (11)

SURFACE WATER MONTHLY OPERATING REPORT TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER SUPPLY DIVISION/PUBLIC DRINKING WATER SECTION (MC-155) P.O. BOX 13087, AUSTIN, TEXAS 78711-3087

TCEQ - 0102C (07-19-10)

PAGE 1

SWMOR

.

MONTHLY TOTAL ORGANIC CARBON REMOVAL REPORT (TOCMOR) FOR SURFACE WATER OR GROUND WATER UNDER THE INFLUENCE OF SURFACE WATER SYSTEMS

	IC WATER EM NAME:	River Place N	IUD				PLANT NAME OR NUMBER:	RIVER PLACE WTP		
P	WS ID No.:	2270252					Month:	March	Year:	2013
	Type of treatment:	Х	Conventional			Unconventional explain:				
Note, Syste	ms are requir				nal space is provid	ed for those systems	that do additional sa	npling	· · · · · · · · · · · · · · · · · · ·	,,, _,
		Monthly TOC Sample Set			Step 1		Optiona	l data		
Test No.	Test Date	Raw Alkalinity	Raw TOC	Treated TOC	Actual % TOC Removed	Required % Removal	Step 1 Removal Ratio	Step 2 Required % Removal	Step 2 Removal Ratio	COMPLIANCE REMOVAL RATIO
		Enter t	he Sample Set	results	calculated	calculated from matrix	calculated			caiculated
1	3/18	162	3.89	3,43	11.8	15	0,79	AND VALUE AND	- and the second s	0,79
2							······································	cancination iti		
3										
4										
5										
6										······
7										
8										
9										
10							·····			
11			:							
12										
13										
14										
15										· · · · · · · · · · · · · · · · · · ·
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26									4	
27	····· ·									
28					·····					
29										
30			······							
31	and the state of the									
Avg		162 00	3.89	3.43	11,83		0.79	飞乐 74 .		079
Max		162.00	3,89	3.43	11.83		0.79			0.79
Min	1000	162.00	3.89	3.43	11.83	THE PERSONNEL .	0.79			0.79

TOTAL ORGANIC CARBON (TOC) REMOVAL SUMMARY

TOC Sum	nary: Don't forget to Includ	a scopy of your P.7-TOC ACC	worksheet with your report.		Monthly
Raw Water Alkalinity	Raw Water TOC	Treated Water TOC	TOC % Removal	ACC # used	Compliance Ratio
162	3.89	3.43	11.8	6 Mo. Avg	1.00

I certify that I am familiar with the information contained in this report and that, to the best of my knowledge, the information is true, complete, and accurate,

Operator's Signature

Certificate No. and Grade: WSD010736, C

Date: April 4, 2013

Submit the report by the 10th of the month following the reporting period to: TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER SUPPLY DIVISION/PUBLIC DRINKING WATER SECTION (MC-155)

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

TCEQ - 0879 (09-01-09)

TOCMOR, Page 1 - Summary

TOCMOR

SURFACE WATER MONTHLY OPERATING REPORT

FOR PUBLIC WATER SYSTEMS THAT ARE USING SURFACE WATER SOURCES OR GROUND WATER SOURCES UNDER THE INFLUENCE OF SURFACE WATER Summary Page

PUBLIC WATER SYSTEM NAME: PWS ID No.:	River Place MUD	Operator's Signature:		RIVER PLACE WTP etitormation contained in this report a information is true, complete, and as	
Report for the Month of:	April 2013	Certificate No. & Grade:	WS0010736, C	Date:	May 3, 2013
		TREATMEN	T PLANT PERFORMANCE		经济的准备并各类学校保持 新
Total number	of turbidity readings:	180	Number of 4-hour periods when	plant was off-line:	<u> </u>
Number of rea	dings above 0.10 NTU:		Number of 4-hour periods when		
	dings above 0.3 NTU:	terresting to the second se	but turbidity data was not collec		0
	dings above 0.5 NTU:		Number of days when plant was		a
	dings above 1.0 NTU		but Individual filter turbidity data		
	wable turbidity level:	·······	Number of days with readings al		0 (2)
Percentage of	readings above this limit:	0.0 % (1)	Number of days with readings al	bove 5,0 NTU:	0 (3)
Sta		rbidity reading:	0.07 NTU	Average turbidity value:	0.06 NTU
Su Su		bidity reading:	0.05 NTU	Standard deviation:	0.004 NTU
	CFE 95 th perc	entile value:	0.06 NTU	IFE 95 th percentile:	0.110 NTU
Number of day	ys with a low CT		Average log inactivation for Glas	rdia:	1.69
for no more th	an 4.0 consecutive hours:	0	Average log inactivation for viru	ises:	4.10
	ys with a low CT	- <u></u>	Number of days when profiling t		0
for more than	4.0 consecutive hours:	0 (4)	Number of days when CT data w	/as not collected:	0
Minimum disi	nfectant residual required leaving the	plant:	0.5 mg/L, measured as To	tal Chlorine	1 3 1 3 an aire
	ys with a low residual	•			
	an 4.0 consecutive hours:	0			
Number of da	ys with a low residual		Number of days when disinfects	ant residual	
for more than	4.0 consecutive hours:	0 (5)	leaving the plant was not prope	rly monitored:	0
senter pi		DIST	RIBUTION SYSTEM		
Minimum disinfo	ectant residual required in distribution	a system:	0.5 mg/L, measured as To	al Chlorine	
Total number of	readings this month:	33 (at least 30	required) (8)		
Average disinfe	ctant residual value:	2.80	Percentage of readings with a lo	ow residual this month:	0.0 % (6A)
	ings with a low residual:	0			
Number of read	ings with no detectable residual:	0	Percentage of readings with a lo	ow residual last month:	0.0 % (6B)
					Pulle P
		ADDITIONAL	REPORTS & WORKSHEET	S Province of the second	
The Recent A	ddendum (Public Notices) is not requ	fred because there were r	o treatment technique or monito	ring/reporting violations report	iad
			NONE O Filter Profile	O Filter Assessment	
	port(s) for individual filter monitoring port(s) for individual filter monitoring	- adamont -	NONE O Filter Profile (9)		
	nal IFE Reports are required this mon			O Filter Assessment (

SURFACE WATER MONTHLY OPERATING REPORT TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER SUPPLY DIVISION/PUBLIC DRINKING WATER SECTION (MC-155) P.O. BOX 13087, AUSTIN, TEXAS 78711-3087

.

TCEQ - 0102C (07-19-10)

PAGE 1

SWMOR

ţ.

COA Resp to PUC RFI-1003

1

PUBLI	C WATER	River Place M	NUD			<u></u>	PLANT NAME OR NUMBER:	RIVER PLACE WT	P	
PV	VS ID No.:	2270252					Month:	April	Year:	2013
	Type of treatment:	X	Conventional			Unconventional explain:				
Note: System	ns are requir	ed to run <u>one</u> TO	C Sample Set eve	ry month. Additio	nal space is provid	ed for those systems	that do additional sa	mpling		
		Mont	thly TOC Samp	le Set	1	Step 1		Optiona	ıl data	
Test No.	Test Date	Raw Alkalinity	Raw TOC	Treated TOC	Actual % TOC Removed	Required % Removal	Step 1 Removal Ratio	Step 2 Required % Removal	Step 2 Removal Ratio	COMPLIANCE REMOVAL RATIO
		Enter	the Sample Set	results	calculated	calculated from matrix	calculated	्र स्टब्स् क्रियुक्त	ar tanja ar a	calculated
	4/15	157	3.80	3,72	2.1	15	0.14			0,14
2										
а								1		
4					1					
5		[1	
6			1		1			······································	1	
7			1							
8										
9										
10										
11										
12				1						
13		1			1					
14										
15										
16									-	
17										
18										
19		·					•			
20										
21										
22		Annan Ann								
23										
24										
25										
26	L					L				
27	1							1		
28	<u> </u>			<u> </u>	1	1	di anno a colo			
29	<u> </u>	1					L			
30										
31	<u> </u>				1					
Avg		157.00	3,80	3.72	2.11		0.14			0.14
Max	ANG S.	157.00	3.60	3.72	2.11	k 196	0.14		e	0.14
Min		157.00	3.80	3.72	2.11		0.14	144.20×3		0.14

MONTHLY TOTAL ORGANIC CARBON REMOVAL REPORT (TOCMOR)

FOR SURFACE WATER OR GROUND WATER UNDER THE INFLUENCE OF SURFACE WATER SYSTEMS

TOTAL ORGANIC CARBON (TOC) REMOVAL SUMMARY

TOC Summ	tary: Don't forget to include	e a copy of your P.7-TOC ACC	worksheet with your report.	A DESCRIPTION	Monthly Compliance
Raw Water Alkalinity	Raw Water TOC	Treated Water TOC	TOC % Removal	ACC # used	Ratio
157	3.80	3.72	2.1	6 Mo. Avg	1,00

I certify that I am familiar with the information contained in this report and that, to the best of my knowledge, the information is true, complete, and accurate. 1 Operator's Signature: No. and Grade: WS0010736, C Certificate Date: May 3, 2013 Submit the report by the 10th of the month following the reporting period to: TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER SUPPLY DIVISION/PUBLIC DRINKING WATER SECTION (MC-155)

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

TCEQ - 0879 (09-01-09)

TOCMOR, Page 1 - Summary

TOCMOR

SURFACE WATER MONTHLY OPERATING REPORT

FOR PUBLIC WATER SYSTEMS THAT ARE USING SURFACE WATER SOURCES OR GROUND WATER SOURCES UNDER THE INFLUENCE OF SURFACE WATER

Summary Page

PUBLIC WATER SYSTEM NAME: PWS ID No.:	River Place MUD	Operator's Signature:		RIVER PLACE WTP Information contained in this report an information is true, complete, and acc	
Report for the Month of;	 May 2013	Certificate No. & Grade:	WS0010736, C	Date:	June 10, 2013
the month of.			PLANT PERFORMANCE		
Tetet out hou			Number of 4-hour periods when p	last was off line	0
I	of turbidity readings: dings above 0,10 NTU:		Number of 4-hour periods when p		ŭ
	dings above 0.3 NTU:		but turbidity data was not collecte		0
	dings above 0.5 NTU:		Number of days when plant was o		
	dings above 1.0 NTU:		but individual filter turbidity data		0
	wable turbidity level:		Number of days with readings abo		0 (2)
Percentage of	readings above this limit:	0.0 % (1)	Number of days with readings abo	ove 5.0 NTU'	0 (3)
PF 1828 1828 1828		rbidity reading.	0.08 NTU	Average turbidity value	0.06 NTU
Sul		bidity reading: centile value:	0.05 NTU 0.07 NTU	Standard deviation: IFE 95 th percentile:	0.006 NTU 0.110 NTU
	s with a low CT an 4.0 consecutive hours:		Average log Inactivation for Giard Average log inactivation for virus		<u> </u>
Number of day	s with a low CT		Number of days when profiling da		0
for more than	4.0 consecutive hours:	0 (4)	Number of days when CT data wa	s not collected:	0
Minimum disin	ifectant residual required leaving the	plant:	0.5 mg/L, measured as Tota	i Chlorine	
	s with a low residual				
•	an 4.0 consecutive hours:	0			
•	/s with a low residual 4.0 consecutive hours:	0 (5)	Number of days when disinfectan leaving the plant was not properly		0
for more man	4.0 Consecutive floura,		leaving the plant was not properly	Inothiored,	
		DIST			
Minimum disinfe	ctant residual required in distributio	n system:	0,5 mg/L, measured as Tota	I Chiorine	
Total number of a	readings this month:	34 (at least 31 i	equired) (8)		
_	tant residual value:	2.70	Percentage of readings with a low	residual this month:	0.D % (6A)
	ngs with a low residual:				
inumber of reading	ngs with no detectable residual:	0	Percentage of readings with a low	residual last month:	0.0 % (6B)
		ADDITIONAL	REPORTS & WORKSHEETS		
The Breed Ar	(dopdum (Bubila Natiaas) (r1				
-	Idendum (Public Notices) is not requ	0	NONE OFilter Profile		а. Осре
	ort(s) for individual filter monitoring ort(s) for individual filter monitoring		NONE OFilter Profile (9)	OFilter Assessment	×
	al IFE Reports are required this mon	-		Orliter Assessment (10	

SURFACE WATER MONTHLY OPERATING REPORT TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER SUPPLY DIVISION/PUBLIC DRINKING WATER SECTION (MC-155) P.O. BOX 13087, AUSTIN, TEXAS 78711-3087

TCEQ - 0102C (07-19-10)

PAGE 1

SWMOR

e.

SURFACE WATER MONTHLY OPERATING REPORT

FOR PUBLIC WATER SYSTEMS THAT ARE USING SURFACE WATER SOURCES OR GROUND WATER SOURCES UNDER THE INFLUENCE OF SURFACE WATER

Summary Page

PUBLIC WATER SYSTEM NAME:	River Place MUD		PLANT NAME OR NUMBER:	RIVER PLACE WTP	
PWS ID No :	2270252	Operator's Signature:		Information contained in this report an information is true, complete, and acc	•
Report for the Month of:	June 2013	Certificate No. & Grade:	WS0010736, C	Date:	July 5, 2013
		TREATMENT	PLANT PERFORMANCE		
Total number o	of turbidity readings:		Number of 4-hour periods when p	plant was off-line:	0
	dings above 0.10 NTU:		Number of 4-hour periods when p		
	dings above 0.3 NTU: fings above 0.5 NTU:		but turbidity data was not collect Number of days when plant was (0
	dings above 1.0 NTU:		but individual filter turbidity data		0
Maximum allow	vable turbidity level:	0.3	Number of days with readings ab	ove 1.0 NTU:	0 (2)
Percentage of	readings above this limit:	00%(1)	Number of days with readings ab	ove 5.0 NTU:	0 (3)
Sta	tistical Maximum turl	bidity reading:	0.08 NTU	Average turbidity value:	007 NTU
Sur		bidity reading:	0.06 NTU	Standard deviation:	0.007 NTU
	CFE 95 th perc	entile value.	0.08 NTU	IFE 95 th percentile:	<u>0 120</u> NTU
	s with a low CT an 4.0 consecutive hours:		Average log inactivation for Giard		2.08
	an 4.0 consecutive nours: s with a low CT		Average log Inactivation for virus Number of days when profiling d		<u>5.23</u>
	4.0 consecutive hours:		Number of days when proming u Number of days when CT data wa		<u>0</u>
Minimum disin	fectant residual required leaving the	plant:	0.5 mg/L, measured as Tota	al Chlorine	
	s with a low residual				
	an 4.0 consecutive hours;	0			
-	s with a low residual 4.0 consecutive hours:		Number of days when disinfectar		
IOI more than	LU CONSECUTIVE NOUIS.		leaving the plant was not proper	y monitoreu:	
		DISTF	RIBUTION SYSTEM		
Minimum disinfe	ctant residual required in distribution	system:	0.5 mg/L, measured as Tota	al Chlorine	
Total number of	readings this month:		equired) (8)		
-	tant residual value:		Percentage of readings with a low	w residual this month:	0.0 % (6A)
	igs with a low residual:	0	Descentes of tendings with a law		
Number of reading	igs with no detectable residual:	0	Percentage of readings with a low	w residual last month:	0.0 % (6B)
		ADDITIONAL F	REPORTS & WORKSHEETS		
The Page 1 Ad	dendum (Public Notices) is not requir	ed because there were no	treatment technique or monitori	ng/reporting violations reported	d.
	ort(s) for individual filter monitoring	0	NONE OFilter Profile	Filter Assessment	
Additional rep	ort(s) for individual filter monitoring s	ubmitted:	NONE ÖFilter Profile (9)	ÖFilter Assessment (10	

No additional IFE Reports are required this month.

SURFACE WATER MONTHLY OPERATING REPORT TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER SUPPLY DIVISION/PUBLIC DRINKING WATER SECTION (MC-155) P.O. BOX 13087, AUSTIN, TEXAS 78711-3087

TCEQ - 0102C (07-19-10)

PAGE 1

SWMOR

.

MONTHLY TOTAL ORGANIC CARBON REMOVAL REPORT (TOCMOR) FOR SURFACE WATER OR GROUND WATER UNDER THE INFLUENCE OF SURFACE WATER SYSTEMS

	C WATER	River Place M	UD				PLANT NAME OR NUMBER:	RIVER PLACE WTF	•	
PV	VS ID No.:	2270252	······································				Month:	June	Year:	2013
	Type of treatment:	X	Conventional			Unconventional explain:	<u></u>	Manage and a second		
Note: Syster	ns are require	ed to run <u>one</u> TOC	Sample Set even	month. Addition	al space is provid	ed for those systems	that do additional san	pling		
		Mont	hly TOC Sampl	e Set		Step 1	6 1 1 1	Optional	data	COMPLIANCE
Test No.	Test Date	Raw Alkalinity	Raw TOC	Treated TOC	Actual % TOC Removed	Required % Removal	Step 1 Removal Ratio	Step 2 Required % Removal	Step 2 Removal Ratio	REMOVAL RATIO
		Enter t	he Sample Set r	results	calculated	calculated from matrix	calculated			calculated
1	6/17	170	4.82	4.38	9,1	25	0.37			0,37
2										
3		testilisen et al. 1								
4										
5										
6										
7										
8										
9										
10										
11							al alternative second second			
12										
13										
14	;									ļ
15						-				
16										
17										
18										
19										
20 21	t							Maran iana ara		
21										
22		-					analyza)			
23										1
25				,						· · · · · · · · · · · · · · · · · · ·
26										······································
27										· · · · · · · · · · · · · · · · · · ·
28							· · · · · · · · · · · · · · · · · · ·		· · · · ·	· · · · · · · · · · · · · · · · · · ·
29										
30	<u> </u>									
31			†		1				1	
Avg		170.00	4.82	4.38	9.13		0.37			0.37
Max	E con	170.00	4.82	4 38	9,13		0,37			0.37
Min	16.52	170.00	4.82	4,38	9 13		0.37			0.37

TOTAL ORGANIC CARBON (TOC) REMOVAL SUMMARY

TOC Sum	nary: Don't franget to includ	e a copy of your P7/TOX ACC	workshoet with your report.		Monthly Compliance
Raw Water Alkalinity	Raw Water TOC	Treated Water TOC	TOC % Removal	ACC # used	Ratio
170	4.82	4.38	9.1	6	1.00
				Mo. Avg	

I certify that I am familiar with the information contained in this report and that, to the best of my knowledge, the information is true, complete, and accurate.

No. and Grade: WS0010736, C Certificate

Operator's Signature:

Submit the report by the 10th of the month following the reporting period to: TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

WATER SUPPLY DIVISION/PUBLIC DRINKING WATER SECTION (MC-155)

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

TCEQ - 0879 (09-01-09)

TOCMOR, Page 1 - Summary

TOCMOR

4

Date: July 5, 2013

SURFACE WATER MONTHLY OPERATING REPORT

FOR PUBLIC WATER SYSTEMS THAT ARE USING SURFACE WATER SOURCES OR GROUND WATER SOURCES UNDER THE INFLUENCE OF SURFACE WATER

Summary Page

PUBLIC WATER SYSTEM NAME: <u>River Place MUD</u>		PLANT NAME OR NUMBER: I certify that I am familiar with the info		
PWS ID No.: 2270252	Operator's Signature:	to the best of my knowledge, the info	rmation is true, complete, and ac	curate.
Report for the Month of: July 2013	Certificate No. & Grade:	WS0010736, C	Date;	August 7, 2013
	TREATMENT	PLANT PERFORMANCE		
Total number of turbidity readings:	186	Number of 4-hour periods when plan	it was off-line:	0
Number of readings above 0.10 NTU		Number of 4-hour periods when plan	it was on-line	
Number of readings above 0.3 NTU:		but turbidity data was not collected:		0
Number of readings above 0.5 NTU:		Number of days when plant was on-I		Q
Number of readings above 1.0 NTU:		but individual filter turbidity data wa		
Maximum allowable turbidity level:		Number of days with readings above		0 (2)
Percentage of readings above this limit:	0.0 % (1)	Number of days with readings above	9 5.0 NTU:	0 (3)
Statistical Maxi	mum turbidity reading:	0 15 NTU A	verage turbidity value	0.07 NTU
	num turbidity reading:		Standard deviation:	0.015_NTU
CFE	95 th percentile value:	0.09 NTU II	FE 95 th percentile:	0.120_NTU
Number of days with a low CT		Average log inactivation for Glardia:		2.07
for no more than 4.0 consecutive hours:	0	Average log inactivation for viruses:		5.37
Number of days with a low CT		Number of days when profiling data		0
for more than 4.0 consecutive hours:	0 (4)	Number of days when CT data was n	not collected;	0
Minimum disinfectant residual required lea	ving the plant:	0.5 mg/L, measured as Total C	hlorine	
Number of days with a low residual				
for no more than 4.0 consecutive hours:	0			
Number of days with a low residual		Number of days when disinfectant re		
for more than 4.0 consecutive hours:	0 (5)	leaving the plant was not properly m	ionitored:	0_
	DIST	RIBUTION SYSTEM		
Minimum disinfectant residual required in dis	tribution system:	0.5 mg/L, measured as Total C	hlorine	
Total number of readings this month:	34_ (at least 31 r	equired) (8)		
Average disinfectant residual value:	2.28	Percentage of readings with a low re	esidual this month:	0.0 % (6A)
Number of readings with a low residual:	0			
Number of readings with no detectable reside	ual: <u> 0 </u>	Percentage of readings with a low re	esidual last month:	0.0 % (6B)
	ADDITIONAL	REPORTS & WORKSHEETS		
The Page 1 Addendum (Public Notices) is a	not required because there were no	treatment technique or monitoring/	reporting violations reporte	sel.
Additional report(s) for individual filter mo	6	NONE OFilter Profile	Filter Assessment	
Additional report(s) for individual filter mo		NONE CFilter Profile (9)	OFilter Assessment (1	X

No additional IFE Reports are required this month.

SURFACE WATER MONTHLY OPERATING REPORT TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER SUPPLY DIVISION/PUBLIC DRINKING WATER SECTION (MC-155) P.O. BOX 13087, AUSTIN, TEXAS 78711-3087

TCEQ - 0102C (07-19-10)

PAGE 1

SWMOR

MONTHLY TOTAL ORGANIC CARBON REMOVAL REPORT (TOCMOR) FOR SURFACE WATER OR GROUND WATER UNDER THE INFLUENCE OF SURFACE WATER SYSTEMS

	IC WATER	River Place N				PLANT NAME OR NUMBER:	RIVER PLACE WT	p	·····	
P	WS ID No.:	2270252				o	Month:	July	Year:	2013
	Type of treatment:	Х	Conventional			Unconventional explain:				
Note: Syste	ms are requir	ed to run <u>one</u> TOO	C Sample Set eve	y month. Additio	nal space is provid	ed for those systems	that do additional sar	npling		
		Mont	hly TOC Samp	le Set		Step 1		Optiona	l data	
Test No.	Test Date	Raw Alkalinity	Raw TOC	Treated TOC	Actual % TOC Removed	Required % Removal	Step 1 Removal Ratio	Step 2 Required % Removal	Step 2 Removal Ratio	COMPLIANCE REMOVAL RATIO
		Entert	he Sample Set	results	calculated	calculated from matrix	calculated			calculated
1	7/16	154	3.82	3.23	15.4	15	1.03			1.03
2										
3										
4										
5								· · · · · · · · · · · · · · · · · · ·		
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22			<u> </u>							
23										
24				ļ					<u> </u>	
25										
26 27							·····			
27			· · · · · · · · · · · · · · · · · · ·							
28			<u> </u>	,	-					
30								 		
30			· · · · ·							
Avg		154 00	3.82	2 9 2	15.45		1.00		1	1.00
Max		154.00	3.82	3.23	15.45		1.03			1.03
Min				3.23	15.45		1.03		<u> </u>	1 03
WILCH		154.00	3.82	3.23	15,45		1.03		1	1.03

TOTAL ORGANIC CARBON (TOC) REMOVAL SUMMARY

		TOC Summary			Monthly
Raw Water Alkalinity	Raw Water TOC	Treated Water TOC	TOC % Removal	ACC # used	Compliance Ratio
154	3.82	3.23	15.4	NA	1.03

I certify that I am familiar with the information contained in this report and that, to the best of my knowledge, the information is true, complete, and accurate

Operator's Signature:

Certificate No. and Grade: W\$0010736, C

Date: August 7, 2013

Submit the report by the 10th of the month following the reporting period to: TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER SUPPLY DIVISION/PUBLIC DRINKING WATER SECTION (MC-155)

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

TCEQ - 0879 (09-01-09)

TOCMOR, Page 1 - Summary

TOCMOR

÷

FOR PUBLIC WATER SYSTEMS THAT ARE USING SURFACE WATER SOURCES OR GROUND WATER SOURCES UNDER THE INFLUENCE OF SURFACE WATER

Summary Page

PUBLIC WATER SYSTEM NAME:	River Place MUD		PLANT NAM OR NUMBER	RIVER PLACE WTP	
PWS ID No.:	2270252	Operator's Signature:		the information contained in this report a the information is true, complete, and ac	
Report for the Month of:	August 2013	Certificate No. & Grade:	WS0003008, A	Date	September 9, 2013
		TREATMEN	FPLANT PERFORMANCE		
Total number o	of turbidity readings:		Number of 4-hour periods whe	n plant was off-line:	0
	lings above 0.10 NTU:		Number of 4-hour periods whe		
	dings above 0.3 NTU:	0	but turbidity data was not colle		0
1	dings above 0.5 NTU: dings above 1.0 NTU:	0	Number of days when plant wa but individual filter turbidity da		
	-	annual de al local parameters	•		0
	vable turbidity level:		Number of days with readings		0 (2)
Percentage of	readings above this limit:	0.0 % (1)	Number of days with readings	above 5 0 NTU:	0 (3)
Sta Sta	tistical Maximum ti	arbidity reading:	0.09 NTU	Average turbidity value:	0.05 NTU
Sul Sul		rbidity reading:	0.04 NTU	Standard deviation:	0.008 NTU
	CFE 95" pe	rcentile value:	0.06 NTU	IFE 95 th percentile:	0.120 NTU
	s with a low CT		Average log inactivation for Gi	ardia;	2.06
for no more the	an 4.0 consecutive hours:	0	Average log inactivation for vir	rușes:	5.91
	s with a low CT		Number of days when profiling		0
for more than 4	4.0 consecutive hours:	0 (4)	Number of days when CT data	was not collected:	0
Minimum disin	fectant residual required leaving th	e plant:	0.5 mg/L, measured as T	otal Chlorine	
Number of day	s with a low residual				
for no more the	an 4.0 consecutive hours;	0			
Number of day	s with a low residual		Number of days when disinfec	tant residual	
for more than	4.0 consecutive hours:	0 (5)	leaving the plant was not prop	erly monitored.	0
		DISTI	RIBUTION SYSTEM		
Minimum disinfe	ctant residual required in distributio	on system:	0.5 mg/L, measured as T	otal Chiorine	
Total number of r	eadings this month:	33 (at least 31 r	equired) (8)		
-	tant residual value:	2.20	Percentage of readings with a	low residual this month:	0.0 % (6A)
	gs with a low residual	0			
Number of readin	gs with no detectable residual:	0	Percentage of readings with a	low residual last month:	0.0 % (6B)
		ADDITIONAL I	REPORTS & WORKSHEET	TS CALLER STATE	
The Page 1 Ad	dendum (Public Notices) is not requ	lired because there were no	treatment technique or monite	pring/reporting violations tanget	A
	ort(s) for individual filter monitoring	0	NONE OFilter Profile	-	_
	ords) for individual filter monitoring		K X	Filter Assessment	
	al IFE Reports are required this more		NONE OFilter Profile (9) OFilter Assessment (1	0) O CPE (11)

SURFACE WATER MONTHLY OPERATING REPORT TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER SUPPLY DIVISION/PUBLIC DRINKING WATER SECTION (MC-155) P.O. BOX 13087, AUSTIN, TEXAS 78711-3087

TCEQ - 0102C (07-19-10)

PAGE 1

MONTHLY TOTAL ORGANIC CARBON REMOVAL REPORT (TOCMOR) FOR SURFACE WATER OR GROUND WATER UNDER THE INFLUENCE OF SURFACE WATER SYSTEMS

SYSTE	IC WATER	River Place M	UD		\$15		PLANT NAME OR NUMBER:	RIVER PLACE WTF		
PV	VS ID No.:	2270252					Month:	August	Year:	2013
	Type of treatment:	Х	Conventional			Unconventional explain:	and the second		al a star and the Store and the star	
Note: Syster	ns are require	d to run one TOC	Sample Set ever	y month. Addition	al space is provid	ed for those systems	that do additional san	pling		
		Mont	hly TOC Samp	le Set		Step 1		Optional	data	
Test No.	Test Date	Raw Alkalinity	Raw TOC	Treated TOC	Actual % TOC Removed	Required % Removal	Step 1 Removal Ratio	Step 2 Required % Removal	Step 2 Removal Ratio	COMPLIANCE REMOVAL RATIO
		Enter t	he Sample Set (results	calculated	calculated from matrix	calculated			calculated
1	8/7	160	3,98	3,80	4.5	15	0.30	anning an ing ann an 1997 ann an 1998 ann an 1998 ann an 1999 a	2382.12	0.30
2										
3						····		··· · · · · · · · · · · · · · · · · ·		
4										
5										
6									·····	
7	, / anama ay 1									
8		an an an an an Ar								
9										
10	-									
11										
12										
13										
14										
15										
16		····								
17								· · · · · · · · · · · · · · · · · · ·		
18										-
19		-								
20				·····						
21							· · · · · · · · · · · · · · · · · · ·		· ·	
22							· · · · · · · · · · · · · · · · · · ·			
23										
24										
25										
26										
27				-			·			
28										
29 30										
30										
Avg		160.00	3.98	3 80	4.52		0.30			0.30
Max		160.00	3.98	3.80	4.52		0.30			0.30
Min		160.00	3.98	3.80	4.52		0.30			0.30
L office		100.00	3,80	0.00	**.52	Contraction of the second	0.00		<u> </u>	1 0.30

TOTAL ORGANIC CARBON (TOC) REMOVAL SUMMARY

TOC Sunt	nary: Don't forget to inclusi	e a copy of your PT 4TOC AGE	worksheet with your report.		Monthly Compliance	
Raw Water Alkalinity	Raw Water Alkalinity Raw Water TOC		TOC % Removal	ACC # used	Ratio	
160	3.98	3.80	4.5	6	1.00	
				Mo. Avg		

certify that I am familiar with the information contained in this report and that, to the best of my knowledge, the information is true, complete, and accurate.

Operator's Signature:

Certificate No. and Grade: WS0003008, A

Date: September 9, 2013

Submit the report by the 10th of the month following the reporting period to:

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER SUPPLY DIVISION/PUBLIC DRINKING WATER SECTION (MC-155) P.O. BOX 13087, AUSTIN, TEXAS 78711-3087

TCEQ - 0879 (09-01-09)

TOCMOR, Page 1 - Summary

. .

FOR PUBLIC WATER SYSTEMS THAT ARE USING SURFACE WATER SOURCES OR GROUND WATER SOURCES UNDER THE INFLUENCE OF SURFACE WATER Summary Page

PUBLIC WATER SYSTEM NAME:	River Place MUD	anana ang kata ng taong sa	PLANT NAM OR NUMBER I centity that I arrifamiliar with t to the best of my knowledge. It		nd that,
PWS ID No.:	2270252	Operator's Signature:	<u> </u>	<u> </u>	
Report for the Month of:	September 2013	Certificate No. & Grade:	WS0010736, C	Date:	October 10, 2013
		TREATMEN	PLANT PERFORMANCE		
Total number	of turbidity readings:	Cur une	Number of 4-hour periods whe	n plant was off-line:	0
	dings above 0.10 NTU:		Number of 4-hour periods whe		o
The second se	dings above 0.3 NTU: dings above 0.5 NTU:	0	but turbidity data was not colle Number of days when plant wa		
	dings above 1.0 NTU:		but individual filter turbidity de		0
Maximum allo	wable turbidity level:	0.3	Number of days with readings	above 1,0 NTU:	0 (2)
Percentage of	readings above this limit:	0.0 % (1)	Number of days with readings	above 5.0 NTU:	0 (3)
160 HB1: data 17		bidity reading:	0.07 NTU	Average turbidity value:	0.05 NTU
Su	immary Minimum turl CFE 95 ^m perc	bidity reading:	0.04 NTU 0.06 NTU	Standard deviation: IFE 95 th percentile:	0.008 NTU 0.120 NTU
	proximiting	entite value.		dille to the second	
	ys with a low CT an 4.0 consecutive hours:	0	Average log inactivation for Gi Average log inactivation for via		2.73 28,98
Number of day	ys with a low CT		Number of days when profiling		0
for more than	4.0 consecutive hours:	0 (4)	Number of days when CT data	was not collected:	0
Minimum disi	nfectant residual required leaving the	plant:	0.5 mg/L, measured as T	otal Chlorine	
	ys with a low residual				
	ian 4.0 consecutive hours:	0	Number of down when distants	tent minidual	
	ys with a low residual 4.0 consecutive hours:	0 (5)	Number of days when disinfec leaving the plant was not prop		0
	这一路线站起来了作者。""当	DIST	RIBUTION SYSTEM		
Minimum disinfe	ectant residual required in distribution) system:	0.5 mg/L, measured as 1	otal Chlorine	
	readings this month:	*	required) (8)		
	ctant residual value: ings with a low residual:	2.00	Percentage of readings with a	low residual this month:	0.0 % (6A)
	ings with no detectable residual:	0	Percentage of readings with a	low residual last month:	0.0 % (63)
		ADDITIONAL	REPORTS & WORKSHEE	TS MARINE COM	
The Page 1 A	ddendum (Public Notices) is not requ	ired because there were n	o treatment technique or monit	oring/reporting violations reporte	ed.
Additional re	port(s) for individual filter monitoring	iodaunaa	NONE O Filter Profile	O Filter Assessment	O CPE
	port(s) for individual filter monitoring nal IFE Reports are required this mon	-	NONE O Filter Profile (9) O Filter Assessment (1	0) O CPE (11)

SURFACE WATER MONTHLY OPERATING REPORT TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER SUPPLY DIVISION/PUBLIC DRINKING WATER SECTION (MC-155) P.O. BOX 13087, AUSTIN, TEXAS 78711-3087

TCEQ - 0102C (07-19-10)

-

PAGE 1

MONTHLY TOTAL ORGANIC CARBON REMOVAL REPORT (TOCMOR)

FOR SURFACE WATER O	DR GROUND WATER UNDER THE INFLUENCE OF	SURFACE WATER SYSTEMS
---------------------	---	-----------------------

FWS ID (b): 227032 Month: September Yan; 2013 Type of the systemate required to mage TOC Sample Stat way month. Understand to by systemate mate to balance it specific that that to balance it specific that that that that to balance it specific that that that that that that the balance it specific that that that that that that that tha		IC WATER EM NAME:	River Place M					PLANT NAME OR NUMBER:	RIVER PLACE WT					
Virtuality V Control coplain Note: Systems are required to unoge TOC Sample Set encorement. Additional space is provided for those systems hald to differed sample for the systems hald to differed sample for the systems hald to differed sample for the system set is provided for those systems hald to differed sample for the system set is provided for those systems hald to differed sample for the system set is provided for those systems hald to differed sample for the system set is provided for those systems hald to differed sample for the system set is provided for those systems hald to differed sample for the system set is provided for those systems hald to differed sample for the system set is provided for those systems hald to differed sample for the system set is provided for								Month:			2013			
Monthly TOC Sample Set Althalining TOC Actual % TOC TOC Step 1 Removed Removed Step 1 Removed Removed Step 1 Removed Removed Optional data Step 2 Required Step 2			Х	Conventional		· · · · · · · · · · · · · · · · · · ·								
Test No. Test Data Raw Raw Test O Attal 1/100 Removal Rem	Note: Syster	ms are requir	ed to run one TOC	Sample Set ever	y month. Additio	nal space is provid	ed for those systems	that do additional sa	mpling					
Test No. Raw Allalinity Raw Raw Allalinity Raw Tool Protected Tool Protected Tool Removal Removal Ratio Step 2 Required Removal Ratio Step 2 Required Ratio Step 2 Required Rati Step 2 Required Ratio <t< td=""><td></td><td></td><td>Mont</td><td>hly TOC Samp</td><td>le Set</td><td>, ««</td><td>Sten 1</td><td></td><td>Optiona</td><td>data</td><td>~</td></t<>			Mont	hly TOC Samp	le Set	, ««	Sten 1		Optiona	data	~			
Entret ine Sample Set result calculate/ resolution calculate/ resolution calculate/ resolution calculate/ resolution calculate/ resolution calculate/ resolution 1 03 158 3.68 3.17 13.4 15 0.89 089 3 1 1 1 1 1 0 0 0 4 1	Test No.						Required %							
1 93 158 3.66 3.17 13.4 15 0.89 0.89 2			Entert	he Sample Set	results	calculated		calculated			calculated			
3	10	9/3	158	3.66	3.17	13.4		0.89		Sciences and a set				
4	2													
	3	500.0												
6	4													
7	5													
a	6													
9	7													
0 <t< td=""><td>8</td><td></td><td></td><td></td><td></td><td>ł</td><td></td><td></td><td></td><td></td><td></td></t<>	8					ł								
11	9						,							
11	10													
13								فيحذبنها وريسر						
14														
16														
16 1														
17 Image: state of the s				···.		<u> </u>								
18 Image: state of the s														
19 Image: state of the s		ļ									·			
20 Image: state of the s		ļ	· · · · · · · · · · · · · · · · · · ·											
21									ļ					
22 <														
23 Image: Constraint of the system of th		l							-					
24 Image: Constraint of the system of th			ļ	<u> </u>						· · · · · · · · · · · · · · · · · · ·				
25 Image: Constraint of the system of th		 				 			÷					
26							and a full of the				I			
27 28 29 29 20 <		<u> </u>	<u> </u>		1			 						
28 29 29 20<			<u> </u>				-							
29	-		· · · ·		<u> </u>									
30	[<u> </u>		 						<u> </u>			
31			+					<u> </u>						
		ł	<u> </u>											
Max 158.00 3.66 3.17 13.39 0.89 0.89			158.00	3.66	3.17	13.39	1.00 .0.0800.0	0.89	Ris Santy your	ž.	0.89			
	-													
Min 158.00 3.66 3.17 13.39 0.89 0.89										3				

TOTAL ORGANIC CARBON (TOC) REMOVAL SUMMARY

Tec sum	nary: Don't lorget to Include	encopy of your PYATOCACC	worksheet with your report.	the second	Monthly Compliance
Raw Water Alkalinity	Raw Water TOC	Treated Water TOC	TOC % Removal	ACC # used	Ratio
158	3.66	3.17	13.4	6 Mo. Avg	1.00

I certify that I amfamiliar with the Information contained in this report and that, to the best of my knowledge, the information is true, complete, and accurate.

4 Operator's Signature:

Certificate No. and Grade: WS0010736, C

Date: October 10, 2013

Submit the report by the 10th of the month following the reporting period to: TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER SUPPLY DIVISION/PUBLIC DRINKING WATER SECTION (MC-155)

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

TCEQ - 0879 (09-01-09)

TOCMOR, Page 1 - Summary

	F	OR PUBLIC WATER SYST	R MONTHLY OPERAT TEMS THAT ARE USING SURFACE RCES UNDER THE INFLUENCE OF Summary Page	WATER SOURCES	
PUBLIC WATER SYSTEM NAME:	River Place MUD		PLANT NAME CR NUMBER:	RIVER PLACE WTP	nd Ihat.
PWS ID No.:	2270252	Operator's Signature:	to the beet of my knowledge, the	Information is true, complete, and acc	curate.
Report for the Month of:	October 2013	Certificate No. & Grade:	W\$0003008, A	Date:	November 11, 2013
		TREATMEN	T PLANT PERFORMANCE		
Total number (of turbidity readings:	186	Number of 4-hour periods when	plant was off-line:	0
Number of rea	dings above 0.10 NTU: dings above 0.3 NTU:	0	Number of 4-hour periods when but turbidity data was not collect	plant was on-line	0
	dings above 0.5 NTU:	0	Number of days when plant was		
	dings above 1.0 NTU:	0	but individual filter turbidity data		0
	wable turbidity level:	0.3	Number of days with readings at		0 (2)
Percentage of	readings above this limit:	0.0 % (1)	Number of days with readings at	0046 P'0 M1D:	<u> </u>
		rbidity reading:	0.10 NTU 0.05 NTU	Average turbidity value: Standard deviation:	0.07 NTU 0.017 NTU
su Su	Processing and the second s	bidity reading: centile value:	0.10 NTU	IFE 95 th percentile;	0.180 NTU
	ys with a low CT an 4.0 consecutive hours:	Â	Average log inactivation for Giar Average log inactivation for virus		<u> </u>
	vs with a low CT		Number of days when profiling d		0
	4.0 consecutive hours:	0 (4)	Number of days when CT data w		0
Minimum disi	nfectant residual required leaving the	plant:	0.5 mg/L, measured as Tot	al Chlorine	
	vs with a low residual	•			
for no more th	nan 4.0 consecutive hours:	0			
	ys with a low residual		Number of days when disinfecta		
for more than	4.0 consecutive hours:	0 (5)	leaving the plant was not proper	ly monitored:	<u></u>
		DIST	RIBUTION SYSTEM		
Minimum disinfe	ectant residual required in distributio	n system:	0.5 mg/L, measured as Tot	tal Chlorine	
	readings this month:	34 (at least 31	• • • •		
-	ctant residual value:	1.91	Percentage of readings with a lo	w residual this month:	0.0 % (6A)
	ngs with a low residual: ings with no detectable residual:	<u>0</u>	Percentage of readings with a lo	w residual last month:	0.0 % (6B)
	-	nandananyaing Contraction of the second s			
		ADDITIONAL	REPORTS & WORKSHEETS		
The Page 1 A	ddendum (Public Notices) is πot requ			ing/reporting violations reporte	ed,
	port(s) for individual filter monitoring	, aquitea.	NONE O Filter Profile	O Filter Assessment	O CPE
	port(s) for individual filter monitoring nal IFE Reports are required this mon		NONE O Filter Profile (9)	O Filter Assessment (1	0) O CPE (11)

SURFACE WATER MONTHLY OPERATING REPORT TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER SUPPLY DIVISION/PUBLIC DRINKING WATER SECTION (MC-155) P.O. BOX 13087, AUSTIN, TEXAS 78711-3087

TCEQ - 0102C (07-19-10)

.

PAGE 1

SWMOR

÷

:

.

.

MONTHLY TOTAL ORGANIC CARBON REMOVAL REPORT (TOCMOR) FOR SURFACE WATER OR GROUND WATER UNDER THE INFLUENCE OF SURFACE WATER SYSTEMS

	C WATER	River Place M	un				PLANT NAME OR NUMBER:	RIVER PLACE WTF	>	
	M NAME:	2270252					Month:	October	Year:	2013
					1	Unconventional	12			
	Type of treatment:	Х	Conventional			explain;	<u> </u>			
tote: Syster	ns are requir	ed to run <u>one</u> TOC	Sample Set ever	y month. Additi	onal space is provid	led for those systems	that do additional sar			
		Mont	hly TOC Samp	le Set		Step 1	Step 1	Optional	data	COMPLIANCE
Test No.	Test Date	Raw Alkalinity	Raw TOC	Treated TOC	Actual % TOC Removed	Required % Removal	Removal Ratio	Step 2 Required % Removal	Step 2 Removal Ratio	REMOVAL RATIO
		Entert	he Sample Set i	results	calculated	calculated from matrix	calculated		Alegan V Alegan Stational	csiculated
1	10/15	154	4.07	3.34	17.9	25	0.72			0.72
2										
3		•								······
4										
5										
6										
7					_					
8			ļ				l			
ġ										
10				1.1.1.1.1.						
11		1					<u> </u>			
12								-		
13	ļ	<u> </u>	-							
14										
15						<u></u>				
16										
17	_								-	
18						-				
19										
20										
21										
23							-	-		
24				+			-			
25										
26				-						
27		+		1						
28				1						
29		-								
30		+		1	1		-			
31				•		-				
Avg	19 Jap	154,00	4.07	3.34	17.94	TRACE	0.72			0.72
Max		154.00	4.07	3.34	17.94		0.72			0.72
Min	a n Brita		4.07	3.34	17.94	- (- <u>-</u> -)	0.72			0,72

TOTAL ORGANIC CARBON (TOC) REMOVAL SUMMARY

TOC Summ	nary: Den't forget to includ	e a copy of your P.7-TOC ACC	worksheet with your report		Monthly Compliance
Raw Water Alkalinity	Raw Water TOC	Treated Water TOC	TOC % Removal	ACC # used	Ratio
154	4.07	3.34	17.9	6 Mo. Avg	1.00

certify that I am familiar with the information contained in this report and that, to the best of my knowledge, the information and accurate. Certificate No. and Grade: <u>W\$0003008, A</u> Operator's Signature Date: November 11, 2013

Submit the report by the 10th of the month following the reporting period to: TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER SUPPLY DIVISION/PUBLIC DRINKING WATER SECTION (MC-155)

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

TCEQ - 0879 (09-01-09)

TOCMOR, Page 1 - Summary

SURFACE WATER MONTHLY OPERATING REPORT FOR PUBLIC WATER SYSTEMS THAT ARE USING SURFACE WATER SOURCES OR GROUND WATER SOURCES UNDER THE INFLUENCE OF SURFACE WATER Summary Page

PUBLIC WATER	River Place MUD		PLANT NAME OR NUMBER:	RIVER PLACE WTP						
SYSTEM NAME:	······		Logith that I am familiar with the in	nformation contained in this report and that commation is true, complete, and accurate	ι,					
PWS ID No.: Report for	2270252	Operator's Signature:	3	Date: Det	cember 4, 2013					
the Month of:	November 2013	Certificate No. & Grade		eniber 4, 2013						
		TREATMEN	T PLANT PERFORMANCE							
Total number	of turbidity readings:	180	Number of 4-hour periods when p		0					
	adings above 0.10 NTU:	<u> </u>	Number of 4-hour periods when p but turbidity data was not collecte		0					
	adings above 0.3 NTU: adings above 0.5 NTU:	0	Number of days when plant was o	in-line	0					
Number of rea	adings above 1.0 NTU:	0	but individual filter turbidity data Number of days with readings abo		0 (2)					
	owable turbidity level;	0.3	Number of days with readings abo		0 (3)					
30°	f readings above this limit:		0.11 NTU	Average turbidity value:	0.08 NTU					
1. (H.P.199) (H. 1997) (H.		rbidity reading: rbidity reading:	0.07 NTU	Standard deviation:	0.011 NTU					
		centile value:	0.10 NTU	IFE 95 th percentile:	0.306 NTU					
	ays with a low CT		Average log inactivation for Glard Average log inactivation for virus		2.11					
	han 4.0 consecutive hours:	0	Number of days when profiling di		0					
	ays with a low CT n 4.0 consecutive hours:	0 (4)	Number of days when CT data wa		0					
Minimum dis	infectant residual required leaving th	e plant:	0.5 mg/L, measured as Tota	al Chlorine						
Number of di	ays with a low residual									
	than 4.0 consecutive hours:	0	Number of days when disinfectar	nt residual						
for more that	ays with a low residual n 4.0 consecutive hours:	0 (5)	leaving the plant was not proper		Ŏ					
L	and the second									
		DIS	TRIBUTION SYSTEM							
	fectant residual required in distributi	on system:	0.5 mg/L, measured as Tot	al Chlorine						
	of readings this month: ectant residual value:	33 (at least 3 2.14	0 required) (8) Percentage of readings with a lo	w residual this month:	0.0 % (6A)					
	dings with a low residual:	0	•••••							
	dings with no detectable residual:	0	Percentage of readings with a lo	w residual last month:	0.0 % (6B)					
	。 「「「「「」」」 「「」」」 「」」 「」」 「」」 「」」		L REPORTS & WORKSHEETS							
	Addendum (Public Notices) is not rec			ing/reporting violations reported.	O CPE					
	eport(s) for individual filter monitorin		NONE O Filter Profile NONE O Filter Profile (9)	O Filter Assessment O Filter Assessment (10)	O CPE (11)					
Additional report(s) for individual filter monitoring submitted; No additional IFE Reports are required this month.										
				and the second						
	SURFACE WATER MONTHLY OPERATING REPORT TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER SUPPLY DIVISION/PUBLIC DRINKING WATER SECTION (MC-155) P.O. BOX 13087, AUSTIN, TEXAS 78711-3087									

TCEQ - 0102C (07-19-10)

É

PAGE 1

MONTHLY TOTAL ORGANIC CARBON REMOVAL REPORT (TOCMOR) FOR SURFACE WATER OR GROUND WATER UNDER THE INFLUENCE OF SURFACE WATER SYSTEMS

	C WATER	Dires Dires N	WD.				PLANT NAME OR NUMBER: RIVER PLACE WTP				
	IM NAME:	River Place M 2270252					Month:	November	Year;	2013	
	Type of treatment:	X	Conventional			Unconventional explain:				·····	
Note: Syster		d to run one TO	C Sample Set even	month, Addition	al space is provid	ed for those systems	that do additional sam	pling			
T			hly TOC Sampl			Step 1		Optional	data		
	_ [Raw	Raw	Treated	Actual % TOC Removed	Required %	Step 1 Removal Ratio	Step 2 Required	Step 2 Removal	COMPLIANCE REMOVAL RATIO	
Test No.	Test Date	Alkalinity	тос	тос	Reinoved	Removal		% Removal	Ratio	and the second	
		Enter	the Sample Set r	results	calculated	calculated from matrix	calculated			calculated	
1		164	4.12	3.55	13.8	25	0.55	Const (1999) 28. Const (1997) 1997 1997 1997 1997	The second	0.55	
2	11/19										
3											
4											
5											
6											
7											
8											
9				L.#.							
10							· · · · · · · · · · · · · · · · · · ·				
11				· · · ·				·····			
12											
13							·	· · · · · · · · · · · · · · · · · · ·			
14											
15						1	, ,				
17	·					1					
18											
19	· ·					1					
20											
21											
22											
23							-				
24											
25											
26	<u> </u>				_	ļ	· · · · · · · · · · · · · · · · · · ·		1		
27											
28									-		
29				1							
30	╉╌───										
Avg		163.80	4.12	3.55	13.83		0.55			0.55	
Max		163.80	4.12	3.55	13.83		0.55			0.55	
Min		163.80	4.12	3.55	13.83		0,55			0.55	

TOTAL ORGANIC CARBON (TOC) REMOVAL SUMMARY

TOE Summ	rary: Don't larget to includ	e a copy of your P.7-TOC ACC	wanteshool with your report.		Monthly Compliance
Raw Water Alkalinity	Raw Water TOC	Treated Water TOC	TOC % Removal	ACC # used	Ratio
164	4,12	3.55	13.8	6 Mo. Avg	1.00

I certify that I am familiar with the information contained in this report and that, to the best of my knowledge, the information

is true, complete, and accurate.

No. and Grade: WS0010736, C Certificate

.

Date: December 4, 2013

Submit the report by the 10th of the month following the reporting period to:

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER SUPPLY DIVISION/PUBLIC DRINKING WATER SECTION (MC-155) P.O. BOX 13087, AUSTIN, TEXAS 78711-3087

TCEQ - 0879 (09-01-09)

Operator's

Signature:

TOCMOR, Page 1 - Summary

FOR PUBLIC WATER SYSTEMS THAT ARE USING SURFACE WATER SOURCES OR GROUND WATER SOURCES UNDER THE INFLUENCE OF SURFACE WATER Summary Page

PUBLIC WATER SYSTEM NAME: PWS ID No.:	2270252	Operator's Signature:	PLANT NAI OR NUMBE I certify that I am familiar with to the best of my knowledge	in the second	is report and th	al, e.
Report for the Month of:	December 2013	Certificate No. & Grade:	WS0010736, C		Date: Ja	inuary 10, 2014
		TREATMEN	T PLANT PERFORMANC	E HERRE		
Tatal number	of turbidity readings:	186	Number of 4-hour periods wi			<u> </u>
	dings above 0.10 NTU:	0	Number of 4-hour periods wi	hen plant was on-line		
Number of rea	dings above 0.3 NTU:	0	but turbidity data was not co			
	adings above 0.5 NTU: adings above 1.0 NTU:	<u> </u>	Number of days when plant to but individual filter turbidity	data was not collected:		0
	wable turbidity level:	0.3	Number of days with reading			0 (2)
	f readings above this limit:	0.0 % (1)	Number of days with reading	js above 5.0 NTU:		0 (3)
Famorals, 3	10	bidity reading:	0.10 NTU	Average turbidity v		0.06 NTU
111-7A24(112009	ummary Minimum tur	bidity reading:	0.05 NTU 0.08 NTU	Standard deviation IFE 95 th percentile:		0.010 NTU 0.153 NTU
	CFE 95 th per	centile value:				
	lys with a low CT	0	Average log inactivation for Average log inactivation for			<u>1,79</u> 28.74
	han 4.0 consecutive hours:		Number of days when profil		:	0
	iys with a low CT 14.0 consecutive hours:	0 (4)	Number of days when CT da	ata was not collected:		
Minimum disi	infectant residual required leaving the	e plant:	0.5 mg/L, measured a	s Total Chlorine		
	ays with a low residual					
	han 4.0 consecutive hours:	0				
	ays with a low residual n 4.0 consecutive hours:	0 (5)	Number of days when disin leaving the plant was not p			0
for more than	n 4,0 consecutive nours:	<u> </u>				
		DIS	TRIBUTION SYSTEM			
Minimum disini	fectant residual required in distributio	on system:	0.5 mg/L, measured a	s Total Chlorine		
	f readings this month:	34 (at least 31	required) (8)			
	ectant residual value:	2,11	Percentage of readings with	h a low residual this mont	hi	0.0 % (6A)
	lings with a low residual:	0	Percentage of readings wit	h a low residual last mont	h:	0.0 % (6B)
Number of read	dings with no detectable residual;	<u> </u>	Teleolinge of loadings are			
		ADDITIONAL	REPORTS & WORKSHI	EETS	i an the state	
	Addendum (Public Notices) is not req				ns reported.	
	Addendum (Public Notices) is not req eport(s) for individual fifter monitorin		NONE O Filter Profile			O CPE
Additional r	eport(s) for individual filter monitorin	g requirea.	NONE O Filter Profile	-	ssment (10)	O CPE (11)
	onal IFE Reports are required this mo					

SURFACE WATER MONTHLY OPERATING REPORT TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER SUPPLY DIVISION/PUBLIC DRINKING WATER SECTION (MC-155) P.O. BOX 13087, AUSTIN, TEXAS 78711-3087

TCEQ - 0102C (07-19-10)

PAGE 1

MONTHLY TOTAL ORGANIC CARBON REMOVAL REPORT (TOCMOR)

FOR SURFACE WATER OR GROUND WATER UNDER THE INFLUENCE OF SURFACE WATER SYSTEMS

	C WATER M NAME:						PLANT NAME OR NUMBER:	RIVER PLACE WTF	•	
	/S ID No.: _	2270252				······································	Month:	December	Year:	2013
	Type of treatment:	Х	Conventional			Unconventional explain:				
Note: Systen	ns are require	d lo run <u>one</u> TOC	Sample Set even	y month. Additio	onal space is provid	ed for those systems	that do additional sar	npling		
	1	Mont	hly TOC Sampl	e Set		Step 1		Optiona	data	0.000
Test No.	Test Date	Raw Alkalinity	Raw TOC	Treated TOC	Actual % TOC Removed	Required % Removal	Step 1 Removal Ratio	Step 2 Required % Removal	Step 2 Removal Ratio	COMPLIANCE REMOVAL RATIO
	ľ	Entert	he Sample Set i	results	calculated	calculated from matrix	ca/culated			calculated
1	12/3	171	3.82	3.25	14.9	15	0.99			0.99
2					1					
3					1					
4										
5										
6								L		
7					_					
8			1							
9										
10										
11										
12							<u> </u>			
13										
14 15										
15				· · · · · · · · · · · · · · · · · · ·					· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·
10					· -					· · · · · · · · · · · · · · · · · · ·
17										
19										
20				+						
21										· · · · · · · · · · · · · · · · · · ·
22						1	<u> </u>			
23			-		-					
24								, 		
25										
26			,							
27		<u> </u>								
28										J
29										
30										
31]				<u> </u>					L
Ava	TORAL DAY	171.00	3.82	3.25	14.92		0,99		5:	0.99
Max	**************************************	171.00	3,82	3.25	14.92		0.99			0.99
Min	[[]] []] []] []	171.00	3.82	3.25	14.92	RACAT	0.99	Jacob and Provide States		0.99

TOTAL ORGANIC CARBON (TOC) REMOVAL SUMMARY

TOC Som	way. Dan't forger to making	e a copy of your PTLICE ACC	worksheet with your report.		Monthly Compliance
Raw Water Alkalinity	Raw Water TOC	Treated Water TOC	TOC % Removal	ACC # used	Ratio
171	3.82	3.25	14.9	6	1.00
17.1	5.62	0.20	1-50	Mo. Avg	

I certify that I am familiar with the information contained in this report and that, to the best of my knowledge, the information is true, complete, and accurate Operator's Signature: Certificate No. and Grade: WS0010736, C Date: January 10, 2014 Submit the report by the 10th of the month following the reporting period to: TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER SUPPLY DIVISION/PUBLIC DRINKING WATER SECTION (MC-155)

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

TCEQ - 0879 (09-01-09)

TOCMOR, Page 1 - Summary

FOR PUBLIC WATER SYSTEMS THAT ARE USING SURFACE WATER SOURCES OR GROUND WATER SOURCES UNDER THE INFLUENCE OF SURFACE WATER

Summary Page

PUBLIC WATER SYSTEM NAME:	River Place MUD		PLANT NAME OR NUMBER: I certify that I am familiar with th to the past of any paromedae. (1)		nd that, curate,
PWS ID No.:	2270252	Operator's Signature:	- CG 12	<i>\U</i>	
Report for the Month of:	January 2014	Certificate No. & Grade:	WS0010736, C	Date:	February 5, 2014
		TREATMEN	T PLANT PERFORMANCE		
Total number of	of turbidity readings:	186	Number of 4-hour periods when	ı plant was off-line:	0
	dings above 0.10 NTU:	0	Number of 4-hour periods when		0
	dings above 0.3 NTU:	0	but turbidity data was not collect		
	dings above 0.5 NTU:	<u> </u>	Number of days when plant was but individual filter turbidity dat		0
	dings above 1.0 NTU:	0.3	Number of days with readings a		0 (2)
	wable turbidity level:	0.0 % (1)	Number of days with readings a		0 (3)
	readings above this limit:				0.07 NTU
Contraction and a	建制的建筑	rbidity reading:	0.10 NTU 0.05 NTU	Average turbidity value: Standard deviation:	0.01 NTU
Su	orsoth	rbidity reading: centile value:	0.09 NTU	IFE 95 th percentile:	0.120 NTU
2000	KANNA STATA	centile value.	A set is a transfer for Cir		2.03
	ys with a low CT	0	Average log inactivation for Gia Average log inactivation for vir		33.00
	an 4.0 consecutive hours:		Number of days when profiling		0
	ys with a low CT 4.0 consecutive hours:	0 (4)	Number of days when CT data	was not collected:	0
	nfectant residual required leaving th		0.5 mg/L, measured as To		
	ys with a low residual				
	nan 4.0 consecutive hours:	0			
Number of da	ys with a low residual		Number of days when disinfect		
for more than	4.0 consecutive hours:	0 (5)	leaving the plant was not prop	erly monitored:	0
		DIST			
Minimum disinf	ectant residual required in distribution	on system:	0.5 mg/L, measured as T	otal Chlorine	
Total number of	readings this month:	34 (at least 31	required) (8)		
Average disinfe	ctant residual value:	2.50	Percentage of readings with a	low residual this month:	0.0 % (6A)
Number of read	ings with a low residual:	0			0.0 % (6B)
Number of read	ings with no detectable residual:	0	Percentage of readings with a	low residual last month:	0.0 % (68)
		ADDITIONAL	REPORTS & WORKSHEE	TS	
The Page 1 A	ddendum (Public Notices) is not req	uired because there were	no treatment technique or monite	oring/reporting violations report	ed.
	port(s) for individual filter monitoring		NONE O Filter Profile	O Filter Assessment	O CPE
Additional re	port(s) for individual filter monitorin	g submitted:	NONE O Filter Profile (9) O Filter Assessment (10) O CPE (11)
	nal IFE Reports are required this mo				

SURFACE WATER MONTHLY OPERATING REPORT TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER SUPPLY DIVISION/PUBLIC DRINKING WATER SECTION (MC-155) P.O. BOX 13087, AUSTIN, TEXAS 78711-3087

TCEQ - 0102C (07-19-10)

PAGE 1

FOR PUBLIC WATER SYSTEMS THAT ARE USING SURFACE WATER SOURCES OR GROUND WATER SOURCES UNDER THE INFLUENCE OF SURFACE WATER (cont.) Turbidity Data Page

	IC WATER	River Place	NUD								ANT NAM NUMBEF		RIVER PI	ACE WI	P			
PWS	ID No.:	2270252								Co	nnections	s: _	1,013					
Mont	h:	January				Year: _	2014			Po	pulation:		3,039					
			CARLON		070247725		EDEO	RMANC	E DAT									
		Turn to d	RAW V					ER TURE				anan dolatak						erelation of the state of the s
	Raw Water	Treated Water	ANAL					ory Data)					FI	NISHED \	VATER Q	UALITY		
	Pumpage	Pumpage	7110105					n No.	_				Turbi	dity			Lowest	
Dat		(MGD)	NTU	Alk.	1	2	3	4	5	6	NTU1	NTU2	NTU3	NTU4	NTU5	NTU6	Residual	Timeiai
	1 0.77	7 0.783	9	174	31	1.1	i Nie − 8 st	$q = \frac{2 \frac{q^2}{2} q_1}{\frac{q^2}{2}}$	1. 4 2. 4	a na	0.06	0.06	0.06	0 06	0.06	0.06	2.8	
	2 0.42	0 0.407	4	162	2.4	1.5		÷	а "лўс 1	4.47	0.06	0.06	0,06	0.06	0.06	0 06	2.8	
	3 0.56	3 0.529	6	178	5.2	19	4	ये के क			0.05	0.05	0.05	0 05	0 05	0.05	2.8	
H	4 0.49	5 0.496	4	174	2.6	11	Å.	78,	1994 - 1997 1997 - 1997	1 11 E	0.05	0.05	0.05	0 05	0.06	0.06	2.6	
	5 0.29	6 0.307	4	162	28	1.1	1. 1	10	4 81 4 4		0.05	0.06	0.05	0.06	0,06	0,06	3.7	
—	6 0.54	4 0.544	4	159	3.9	1.2	11) in (6) 8) i	2 E (2 1 + 3	1. 1. 1. 1.	0 06	0.06	0.06	0.06	0.06	0. 06	3.7	
	7 0.60	9 0.567	11	162	5.3	21		R P N			0.06	0.06	0.06	0.06	0.06	0.06	2.8	
	8 0.62	0 0.603	5	161	2.4	1.3	2 J. J.	100 - 100 100 - 100 100 - 100	2 - 1 - 1 - 1 - 1 - 1 - 1		0.06	0.06	0.06	0 06	0.07	0.07	1.3	
	9 0.30		7	176	1.7	0.7	$\{g_{i}^{k_{i_{1}}}\}_{i_{1}}$	s. 49(3) \$	1	3.8.2	0.06	0.06	0.06	0.06	0 06	0.06	1.3	
	0 0.36	1 0.362	6	189	2.6	1.0	1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	N. M. St. St. St. St. St. St. St. St. St. St	1,4	8.6	0.06	0.06	0.06	0.06	0.06	0.06	2.5	
	1 0.50	8 0.480	6	164	4.4	1.5		- ⁶	a, di a	V	0.06	0.06	0.06	0.06	0.06	0.06	2.5	
	2 0.48	0.493	6	170	2.4	1.3		al al		3.	0.06	0.06	0.06	0,06	0.06	0.06	2.4	
	3 0.36	0.336	6	173	2.8	15	an a	83 U -	t Di	$\int_{[\infty]}^{[0]} \alpha \frac{(\omega) (\kappa)^2}{(\omega) (\kappa)} \frac{\chi}{\kappa}$	0.06	0.06	0,06	0.06	0.06	0.06	2.4	
	4 0.62	27 0.614	5	161	3.7	1.5	я) ж	1. 2. d		$\frac{\partial F}{\partial t} = \frac{\partial F}{\partial t}$	0.06	0.06	0.06	0.06	0.06	0.06	2.4	
	5 0.67	6 0.670	4	165	3.0	1.3		41	1.3	1	0 06	0.06	0 06	0.06	0.06	0 06	1.9	
	6 0.55	0.51	4	172	4.4	0.9	A	() (815)	16 1. ()[0 06	0.06	0.06	0.06	0 06	0.06	2.6	
	0.46	34 0.474	4 4	169	4.7	17		1 3		· · · · · · · · · · · · · · · · · · ·	0.06	0,06	0.06	0.06	0.06	0.06	2.9	
	18 0.50		-	181	1.8	0.9	10	A Hall	4 <u>, </u>	14 (3.5)	0.06	0.06	0.06	0.06	0.06	0.06	2.6	
	19 0.40			174	2.0	1.7		4473 3	1 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		0.06	0.06	0.06	0.07	0.06	0,06	2.6	
- H-	20 0.5		2 4	182	4.1	1.5	ing a	e de	1 0 30 1 10		0.06	0.06	0.06	0.06	0.06	0.06	21	
	21 0.6		3 5	175	4.1	1.6	12. 31 - 4	s sist		1) 1948 a	0.06	0.06	0.06	0.06	0.06	0.06	25	
	22 0.8		-	189	3.3	1.1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	361		Les A.	0.06	0.06	0 06	0.06	0.06	0 06	2.6	
	23 0.4	_	-	161	1.7	1.0	1			2.5	0.06	0.06	0.06	0.06	0.07	0.07	2.7	
	24 0.4		0 6	163	1.7	1.3		. Ìn	39 W. (0.07	0.07	0.07	0.07	0.07	0.07	27	
	25 0.4		-	164	1.8	1.2	n _e ha	212	· · · ·	ajjjers.	0.07	0 07	0.07	0 07	0 07	0.07	2.1	
-	26 0.6		6 5	167	3.8	1.4	4	44.4 20		× 4 * 3	0.08	0.08	0.08	0.08	0.08	0.08	28	
	27 0.4	-1		171	3.0	1.4	1	÷ ،	1 214		0.08	0.08	0.08	0.08	0.08	0.08	2.7	
-	28 0.5			169	3.3	1.4	d _{g R}		· ·		0.08	0.09	0.09	0 09	0.09	0.09	10	
	29 0.6				-	1.3			12 15	672	0 09	0.09	0.09	0.09	0.09	0.09	0.5	<u>+-</u>
F	30 0.5	71 0.50	2 8	166	1.1	0,8	ų,			10 m 10 m	0.09	0.09	0.09	0.09	0.09	0.08	2.8	
-	31 0.4		2 3	164	1.3	0.7			n de la constante de la consta	21.7	0.08	0.08	0.08	0 10	0.08	0.08	2.6	
-	otal 16.2		5		<u></u>						NOT	E: ONLY	use the "	Time*" co	olumn to	show the	length of t	me that the
	Avg 0.5		9								disir acce	fectant r ptable le	esidual er vel.	ntering th	e distribi	ution sys	tem fell bel	ow the
		327 0 80	11															
	Vin 0.2	96 0.29	94															

SUBMITTED BY:

Ħ

Certificate No. and Grade:

WS0010736, C

Date: February 5, 2014

SWMOR

TCEQ - 0102C (07-19-10)

FOR PUBLIC WATER SYSTEMS THAT ARE USING SURFACE WATER SOURCES OR GROUND WATER SOURCES UNDER THE INFLUENCE OF SURFACE WATER (cont.) Filter Data Page

PUBLIC WATER SYSTEM NAME: River Place MUD PLANT NAME OR NUMBER:

Month:

RIVER PLACE WTP January

Year: 2014

2270252 PWS ID No.:

	Filter	No. 1	Filter	No. 2	Filter	No. 3	Filter	No. 4	Filter	No. 5	Filter	No. 6	Filter	No. 7	Filter	No. 8		No. 9	Filter	
ate	Max	4 Hrs	Max	4 Hrs	Max	4 Hrs	Max	4 Hrs	Max	4 Hrs	Max	4 Hrs	Max	4 Hrs	Мах	4 Hrs	Max	4 Hrs	Max	4 Hr
1	0.03		0.04		0.04		0 04		0 07		41 ⁵ P				- 3 - 3 - 3 - 3 - 5	31 + 3 ¹	1	2 2		
2	0 03		0 04		0.04		0.04		0 07		à	ę.		1.8 23	2 /* 	<u></u>	1939 <u>(</u>		59. 	
3	0.03		0.04		0.05		0.07		0 10		<u>a - 1</u>	*				1 <u>. 2</u> .2	419		4 H 1	
4	0.05		0.05		0.05		0 05		80 0		10 " 2 " 7 	th g ^r ≪.	3 			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				10.5
5	0 02		0.03		0 02		0.03		0.07		1.18	98-3 29	1. 2. 2. 11		1 <u>5</u> 8 27 7	1,5	<u></u>	· · · · · · · ·	N 3	82
6	0 05		0.07		0.12		0.04		0 08		1 4		$J^{-\sigma}(0)$			ê.	-80 ° a. 19 	<u> </u>	<u> </u>	
7	0 06		0.07		0.07		0.04		0.08				2 7	14. 14.	1.1.2		1 9 34 6	1.03	1 10.2	
8	0 09		0 04		0 04		0.05		0 08	<u> </u>	ļ	.d				10 ¹⁰		1.1		((()))
9	0.04	1	0 17		0.04		0.05		0.08		$(\lambda_{1,2}^{(k-1)})$	$\frac{1}{2} = \frac{1}{2} = \frac{1}{2} $	- N 1	Py L		- d.	<u> </u>	2	1 (4) (4)	- 156 (b) - 46 (b)
10	0 07		0 05	-	0 04		0.05		0.08		12	ψ_{a}		1.975	10	1	19 Y	ŝ,		Ľ
11	0.05		0.05	1	0.05		0 08		0 10		1	1e	14 14	4 (je)	2. i.	<u>.</u>	$\mathbb{E}_{1} \geq \mathbb{E}_{2}$	<u>(1)</u>		
12	0.03	1	0.04		0.04		0 07		0.10		2.4	s.	1 2 2 1 1 2	< 19 1		12.25		$\frac{\nabla_{\theta}(\theta)}{\Phi(x_{1,2})}$		1.1
13	0.07	1 -	0.04		0.04		0.06	1	0.10		46. 4 		3.52		di)	2		1 × 1 × 2 1	4 у 1 діл., Буул	- 2f,
14	0.04	1	0.05		0.09		0.06	1	0.10		13 1 3	ing state		- 	j _o .	iš.	$\mathcal{H}_{O}^{(n)}$	1	્યું છે. સ્ટીર સોહ	
15	0.04	1	0.05	1	0.05		0.06	1	0.09	1	5 ₀ ,	i.	\$ <u>\$</u> , j	$\sum_{i=1}^{n-1}\sum_{j=1}^{n-1}$	\$ 14 B	х ² 2. у			jf g I	
16	0.04	<u> </u>	0.05	<u> </u>	0.04		0 08	1	0.10	1	1 × ,			3.83 <i>j</i> .		$\left(\begin{array}{c} \gamma^{2} \frac{g_{1}}{g_{1}} \\ \gamma^{2} \frac{g_{2}}{g_{1}} \end{array} \right) $	ġ.			av s
17	0.04	<u> </u>	0.00	1	0.04	†	0.06	1	0.10	<u> </u>	N 1 1		1934 - 14 12 - 14	1	i i i	$\int_{M}^{M} \phi F \int_{M}^{M} \phi$			i) mi	γ_{N}
18	0.06		0.06	<u> </u>	0.04	<u>†</u>	0.06		0 10		114	14.7° 4.15	1 3 5	1 -		5 5			માં <i>રાય</i> કે	1
19	0.00		0 06	+	0.04		0.05		0.09	1		€ in pr	Alg.1	+ 2 + 84	n j ni s Sj n		a j	1.20	્ય ગુજ	<u> </u>
19 20 21	0.40		0.70		0.04	1	0.05		0.09	1		1.25				ν υ, 18 ⁰	1 1	1.4 1.2.1		1. 1
			0.10		0.04		0.06		0.09		1	Э. υ,	in .	1		1 18 19		1.6.8	人生	5 6 C
	0.04		0.12		0.06		0.08	+	0 12	+			ана И ар			13		.02	St. L.	
22	0.04		0.06		0.06		0.00		0.11		2 - 26 h 1 - 2 - 26 h 1 - 2 - 26 h	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1	h N AN	y 8. X		di p		19 B	
23	0.05	+	0.07		0.00		0.08		0.11	+	1 1013			in Star in	11	1 . L ·	1997 - Sal		-	4
24	0.06		0.07		0.08	+	0.00		0.11	1	1 3	33				1 64	<i>i</i>	1 3 1		λ.
25	0.05		0.08		0.00		0.10		0.12				1					\$	18 3 V	1
26	0.09				0.12		0.10		0.12		Land In	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1ª	1.5.5	1.1.1	- pol	1 C 2 X 1 2	· · · ·	1 45	
27	0.48		0.41	ļ. —	0.12		0.10		0.12		1 1999				16 63	e î	$g = \frac{\alpha}{2} g_{\mu\nu}^{(1)}$	Assa h	1	
28	0.06			-	0.20		0.08		0.11				-		3	1 1 2				17
29	0 06	_	0.06				0.08		0.10		1	<u>я</u> дь	A H	1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 2 4 1 2 4 1 2 4			S ()	-
30	0.03		0 04		0.05		0.00		0.10		-	1 1 2 3 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		-		18	- 4 4 n		1 1	
31	0 02		0.04		0.04			<u></u>		1	1000	<u>.</u>	<u></u>	Filt	er No.		_1			T
					Criteri	a				1	2	3	4	5	6	7	8	9	10	P
ACTIONS	Num	per of day	/s with e	(ent(s) al			.0 hrs th	is month		4			i.*	·)	4. A	1 10 1	1 1 %	1	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	1
Ĕ	-	per of day						Automatical Constraints		0	0	0		0	-	3.). 	N 58		1.15	
EAC B		ber of day								0	0	0	1-0	0	41. 1		- de la constante	ξ <u>Υ</u>		
0										0	0		0	0	1.5		9	1 2	·	-14
F		ber of day								0		0	0	0		1 7 4 3 1 8 5 3	9 7		u x i i	10
COMPLIAN		number							<u> </u>	10000	ann	11111	11111	anan	ann	ana	min	inm	())///	<u>7</u>
8		ber of da								-1////								uuu	IIIII	0
%		ber of da									<u>mm</u>		<u>anna</u>	<u>mme</u>		<u>811111</u>	<u>enna</u>	<u>www</u>	<u>mmi</u>	
SUMMARY &		the filte	-					Pian?		N	N	N	N	N	1×.	2 ⁵ 41	*	_		
NMU		ə plant re								N	<u>N</u>	N	N	<u>N</u>	,			_	1 2 2	-12
ຮ		e plant re								N	N	N	N	N			and the		127.000	
	is th	e plant re	quired to	submit	a Reques	st for Co	mpliance	CPE?			UIIII.	uuuu		MMM II	MMA .	MMM	uumin	(IIII))	<u>mm</u>	
					15	/		**			ficate No									

TCEQ - 0102C (07-19-10)

FOR PUBLIC WATER SYSTEMS THAT ARE USING SURFACE WATER SOURCES OR GROUND WATER SOURCES UNDER THE INFLUENCE OF SURFACE WATER (cont.) Disinfection Data Page

PUBLIC WATER SYSTEM NAME:

PWS ID No .:

River Place MUD

PLANT NAME

Month:

OR NUMBER: RIVER PLACE WTP

2270252

January

rv

DEDCODMANCE DATA

2014

Year:

			DISINFECTIO	N PROCESS I	PARAMETERS		
	APPRO	VED CT STUDY	PARAMETERS			PERFORMANCE	STANDARDS
	T		Disinfection Zon	es		Log Inactiv	vations
Parameters	D1	D2	D3	D4	D5	Giardia lamblia Cysts	Viruses
Flow Rate (MGD)	2.290	0.916	5.760	× , (1)	$r = \frac{st^2}{s_0}s = t^{\frac{1}{2}}$	0.5	2.0
T ₁₀ (minutes)	40.4	8.4	111.8) ^F <u>n</u> ^A † F 3 ^B fr	Y Bar	•••	

		P	ERFOR	MANC	Ē DAŢ	A						P	ERFOR	MANC	E DA	<u>A</u>	addied a		a anter a
			DISINFI	ECTION	PROCE	SS DATA							DISINFI	ECTION	PROCE	SS DATA			
		с	Flow	Temp	ľ	Giardia	Virus	lnact,				с	Flow	Temp		Giardia	Virus	inact.	
Date	Disinfectant	(mg/L)	(MGD)	(°C)	ρН	Log	Log	Ratio	Time	Date	Disinfectant	(mg/L)	(MGD)	(°C)	рН	Log	Log	Ratio	Time
-	FCL D1	0.0	2.398	13.5	7.6	MMMA	MAAA.	MM)	1111		FCL D1	0.0	2.437	178	7.8	illille and the second s			
	FCL D2	2.3	0.479	13.0	7.5	in de la compañía de	in an	000			FCL D2	2.5	0.487	18.5	7.6	um de la come de la co	MMA		1111
1	CLA D3	3.4	3.540	15.2	75	2 22	36.56	4.44		9	CLA D3	3.0	3.524	15.0	7.5	2.51	55.21	5.02	57711
	D4		р 1. 2.3	ते । संच स्वर्थ	Sec. Sec.	VIIII	um in the second se	USAU			xx , D4 -x	4 ²¹	$\frac{i \lambda}{d_{1}} = \frac{i \lambda}{d_{1} \lambda}$	1	Şiki a Bi			19911	
	D5	1 1 12	n 1 🖏	2 3 V)	2 ^{,8}	11111	um (SIIII.		D5		3 41	4÷ ≬ 3	13 ¹ 2 x	uma a	<u>mm</u>	am	(IIII)
	FCL D1	0.0	2.405	12.8	7.7	anna (aan ah		XIIIII		FCL D1	0.0	2.394	14.9	7.6	anno anno anno anno anno anno anno anno		an a	i i i i i i i i i i i i i i i i i i i
	FCL D2	1.8	0.481	126	7.6		XIIII				FCL D2	22	0.479	15.3	7.6		MAD)	T	(111)
2	CLA D3	3.7	3.543	15.1	7.5	2.11	28.66	4 22		10	CLA D3	3.3	3.549	17.7	7.4	2.43	41.10	4.87	anere a
	D4		\$	214 S.		VIIII	an a	164	XIIII		1. D4	: S ,	1 North	×	ं की र	ann a	m	(MM)	
		情神学	No. A Star	1.1	き集 う		ann a		XIIII.		D5	$\chi^{+} \lambda r$	20 - 20 - 2	$\frac{\pi}{34} \rightarrow \pi_{4}$		mm	<i>111111</i>		
	FCL D1	0.0	2.422	12 1	7.8	anan	XIIII		XIIII		FCL D1	0.0	2.374	13 8	7.8	VIIII			XIII
	FCL D2	2.0	0.484	11.7	7.6		XIIII		XIIII		FCL D2	1.6	0.475	13.8	7.8	ann.	anna a'	11111	¥UUU
3	CLA D3	3.3	3.539	14.2	7.4	1 92	29.10	3.84		11	CLA D3	3.4	3.530	18.3	7.4	2.18	28.58	4.36	2110
	D4	A AN A A		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1), 40°	11111	01111	169	XIIIIA		D4	B	5	33 x - 3 3/k			VIIII III III III III III III III III I	1991	¥///
	D5	1.39	1	9			XIIIII		XIIIII		D5	1	4 5 1 4)	¹ जे	ć	anna a	(1)1111	um.	
	FCL D1	00	2.412	14.5	7.7	ann.	saaa ka		XIIII		FCL D1	0.0	2.424	12.0	7.7				XIII.
	FCL D2	1.2	0 482	14.6	7.5			N///			FCL D2	2.0	0.485	12 5	7.7	1000	(IIIII)		\$ <i>1111</i>
4	CLA D3	3.6	3.510	157	7.4	2.02	22.72	4 04	4	12	CLA D3	3.1	3 552	13 0	7.6	1,80	30.19	3.60	
	D4 ".	Rei S	13:	20 - 11 1 - 1	litte ser	MMM		1091	XIIII		୍ D 4	, I , ,	345 148	P) 145	anna an		1914	
	∗ D5 ^{°°°}			定量	1. N. N.		saaa		SHIII.		D5	W N	2 ⁸ .3		(₁) ₍₂₎	<u>anan</u>	ennin in the second sec		
	FCL D1	00	2.423	12 1	77		XIIII		XIIII		FCL D1	0.0	2.385	14.7	7.7				XIII
	FCL D2	1.8	0.484	12.5	7.6		XIIII				FCL D2	19	0.477	14.7	7.5		XIIII II	1000	XIII.
5	CLA D3	3.3	3.352	14.3	7.5	1.97	27.98	3.9	5	13	CLA D3	2.9		19.4	7.5	2.28	34.73	4.57	e war
	. D4		1		λ. 33 π.	IIIII	XIIII	10	81111		. , D4	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	artagi Atri S		0		X////	1991	XIII
	2.0° 1' D5	1	A.	20 36 A	й. ХТ		<u>sanna</u>		ti saaana		D5	38 9 38 1 9	37.X 7 Y	9 J.	2 120	(11111)	suuu	1110	
	FCL D1	00	2.421	9,8	7.7				ix IIIII.		FCL D1	0.0	2.434	13.3	7.7		XIIII		XIII
	FCL D2	20	0.484	10.0	76		X////	81111	XIIII		FCL D2	2.4	0 487	136	7.7		XIIII A		AM II
6	CLA D3	3.1	3.520	13.1	7.4	1.72	25.8	3.4	4	14	CLA D3	2.7	3.542	15.3	7.6	1.94	38.33	3,89	
	D4	M. tu		4)			8 <i>1111</i>	N ISA	o anna		∛ (`D4 _		i da	944			XIIIII	1891	XIII
	D5	а Тађ <u>а</u> ј,	154F)	$-\frac{3}{1+2}\frac{2}{2}$	e, e		XIIII		DXIIIII		D5	8) y		$-\frac{1}{2} = -\frac{1}{2}$		<u>aaa</u>	<u> X //////</u>		MII
	FCL D1	00	2.415	11.6	77		ix/////		IXIIII		FCL D1	0.0					XIIII	N///	811
	FCL D2	2.1	0.429	11.8	7.7		XIIII		IX UUU		FCL D2	1.8			+			NIII.	ey III
7	CLA D3	2.9	3.539	11.6	7.7	1.76	33,5	3.5	3	15	CLA D3	3.1	3.539		7.	5 1.89	28.49	3.79	9
	••• D4		4	100 v.			XAAA	1495	XAAD		5 D4 1	12		3° 's			saaa	A DAY	XIII
				-		1111	XIIII.		axiiiiii		¹⁴ • D 5		4		/ 1		NIIIII		
	FCL D1	00	2.410	118	7.0		A MAA		IXIIII		FCL D1	00				- 979711	XIIII	XIII	XIII.
	FCL D2	0.1	7 0.482	11.9	7.	5 /////	(XIIII)		184111		FCL D2	2 *					xana		WD.
8	CLA D3	3.3	3 3.506	14.0	7.	5 1.5	1 120	7 3.0)1	16	CLA D3	3 -	3.564	13.8	7.	6 1.8	31 42	2 3.7	1
	19 ¹⁰ D4	:	1 8				XIIII		IXIIII		D4			ļ	· · · · ·	-11111	XIIII	AVI M	XIII
	D5 TE: = ONLY use		1			1000	ann an	ex III	WWWW.		D5		14	1		11114	AMMA AMA	MUM	1. 1.1.1.

4

WS0010736, C

Certificate No.

and Grade:

Date: February 5, 2014