October 1, 2012 to September 30, 2013

CALCULATED VALUES	TWDB Report Line Number	TWDB Water Loss Calculation Component Name	AWU Line Item Description	DATA INPUT COLUMN	Units	Source	Document(s)	Additional Information
58,241,900.0	20	Unbilled Metered		Column A summarizes the following 3 lines.				
			Water used at inactive accounts	0	Gals	Customer Services (Lora Schneider)	emails from Lora Schneider	Some inactive accounts still have installed meters. Occasionally water gets used at these addresses. Although it is theft, it is measured and may be recouped in some instances. Not currently recoverable under CCAB but Customer Service is looking to establish a query to capture this usage
			Downtown austin Alliance	0	Gals	Pipeline Management Services (Rowell Mejia)	emails from DAA	Self reported totals from hydrant meter; water used for sidewalk cleaning downtown
			Billed Consumption - Utility	58,241,900	Gals	Financial Management (Darrel Culberson)	email from Darrel Culberson	This is the "Utility" line from consumption report (what AWU uses that is metered but not billed to it). See note above to split out other City Dept usage similar to this.
98,146,668.7	21	Unbilled / Unmetered		Column A summarizes the following 12 lines				
			AWU Pumping Maintenance	7,600,500	Gals	Production Losses Pumping and Distribution (Francisco Vincent)	Reservoir overflows and maintenance spreadsheet	Includes only water used or drained for reservoir maintenance, not overflows
			AWU Distrib System Maintenance		Gals	Donn Lorbiecki Water Loss Report (Maintenance)	Water Loss Report from Hansen	Used the totals for "Intentional" use - meaning that water was NOT lost from breaks or leaks, but rather from intentional maintenance of distribution system
			Intentional SRs			Donn Lorbiecki	Hansen	
			Intentional WOs			Donn Lorbiecki	Hansen	
			Line Flushing	15,422,923		Dan Strub Eric Langhout, AJ Hamilton	FY13 Flushing Totals spreadsheet	Line flushing both from newly constructed lines and from automatic flushing devices (supplemented by a estimate of unreported water loss due to scheduled flushing from Scott Morrow
			AWU Private Hydrant Testing	564,918	Gals	Adam Smith - Water Protection	Query of WEIRS by Adam Smith	Work is underway to compare WEIRS database to identify owners of private hydrants, remind them of annual inspection/maintenance requirement, and back amount of water used for each inspection
			AFD Fire Suppression	1,917,681	Gals	Austin Fire Department (Bat Chief David Sranchez	FY13 AFD Usage spreadsheet	AFD Water Usage is tracked from reports into database
			AFD City Hydrant Maint.	1,084,556	Gals		FY13 AFD Usage spreadsheet	New estimate in 2012 of 60 gals per hydrant, based on field observations and codified in an MOU with AFD
			AFD Hydrant Flow Tests	756,534	Gals		FY13 AFD Usage spreadsheet	New estimate in 2012 of 2756 gallons per test, based on field observations and codified in an MOU with AFD
			AFD Standpipe Flow Test	610,695	Gals		FY13 AFD Usage spreadsheet	Estimates based on flow measurements taken during tests
			Manchaca VFD Training	158,258	Gals	Johnny Hyde / Tammie Hagsted	emails from Manchaca VFD	Estimates for water used for training
			Distribution system capacity expansion	3,065,729	Gals	Cara Cooke	Spreadsheet from Cara Cooke	As the distribution system grows, water is required to fill the expanded volume. The spreadsheet allows the calculation of the expanded capacity.
61,923,202,534.7	22	Total Authorized Consumption		Calculated (Line 18 + Line 19 + Line 20 + Line 21)				
1,929,533,229.4	23	Water Losses		Calculated (Line 17 - Line 22)				
0.97%	24	Average Customer Meter Accuracy	Calculated Average Customer Meter Accuracy	Input into Column A (Cell A48) comes from Weighted Average Customer Meter Accuracy calculation spreadsheet.	Percent	Dan Strub Pipeline Operations, and Darrel Culberson Finance	Calc by CCA	Updated accuracies resulting from meter accuracy study for 5/8" 3/4" 1" 1 1/2" and 2" meters
849,681,875.9	25	Customer Meter Accuracy Loss		Calculated (Line 16 + Line 23 div by Line 24) - (Line 16 + Line 23)				
6.9%	26	Systematic Data Handling Discrepancy	Billing System Data Handling Errors	0	Gals	Customer Services (Lora Schneider)	email from Lora Schneider	Data handling corrections are translated into water usage totals and included in billed meter usage under CCAB
117,181,584.4	27	Unauthorized Consumption		Column A summarizes the following 2 lines.				
		Unauthorized Consumption was figured as the estimate of water loss that is theft (fire hydrants and all customer connections not comprising with meters, illegal taps, etc.) PLUS actual theft thru meter tampering, etc.	Estimated Theft	117,181,584	Gals	Customer Services (Lora Schneider)	See Note	Theft from hydrants is not calculable due to lack of data using the default of 0.25% of input volume as allowed by TWDB in addition to theft contained in Admin Water category of billing adjustments spreadsheet.
			Billing Adjustments for Open Meter Bypass & Direct Hookups	0	Gals	Customer Services (Lora Schneider)	email from Lora Schneider	Imputed totals for these categories of theft are now included in billed metered water usage. (Open Bypass, Direct Hook Up, Tampering Codes)

Reliability Rating (input into yellow highlighted cells)	Data used for Reliability Matrix judgment	Audit Year when Score Achieved	Source
2		FY11	Lee Schneider
	Manual meter reads with edit checks of data, automated billing but no automated meter reading	FYg7	Auster Energy Jerry Roberts, CIS Manager
4	Based on measured reservoir drawdowns	FY11	Rick Coronado interview
	Estimates using formulas for known events - no estimates using test data.	FYg7	Donn Lorbiecki
	Estimates using formulas for known events - no estimates using test data.	FYg7	A.J. Hamilton, AWU
	Estimates using formulas for known events combined with some test data.	FY11	Bat. Chief Smith interview
	Estimates using formulas for known events - no estimates using test data.	FYg7	Bat. Chief Smith interview
	Estimates using formulas for known events - no estimates using test data.	FYg7	Bat. Chief Smith interview
	Not included in reliability matrix		
3	Meter testing program exists thru 3" meters, but no current meter replacement program in place for small meters. Analysis of data in place except for small meters, but meter shop is keeping data in Hansen WOs about age to calculate actual replacement age	FYg7	Nowell Mejica interview
4	Automated system: internally checked on at least an annual basis (meter read edit reports)	FYg7	Jerry Roberts e-mail
4	Water theft study completed and monitoring and enforcement program begun. Using default value of 0.25% of input volume.	FY11	Lora Schneider
	Testing is done only where problems suspected. There is no systematic testing of all meters at present!	FY11	Lora Schneider

Assessment table				
1	2	3	4	5
No testing, estimates only	Testing only where problems suspected	Systematic testing of all meters, underperforming meters not always replaced	Systematic testing of all meters within at least a five-year cycle, all meters over standards replaced or repaired and replaced	Testing of all production meters conducted in year of audit, replacement of all meters outside standard accuracy range
Overall estimates throughout system	Partial estimates for some of variables, basic estimates for others	Estimates using formulas (for example, time x gallons per flush) for known events	Partial estimates using test data, other estimates using formulas for known number of events	Estimates using previous metered testing to determine overall estimated values
No testing or replacement, estimates only	Testing or replacement of 1 to 5% of meters in year or audit	Analysis of test data finds meters meeting specs, or testing and replacement of 5 to 10%, of meters per year	Previous test data analyzed and all meters in specifications, or testing or replacement of 10 to 50% of all meters in year of audit	Previous test data analyzed and all meters in specifications or testing or replacement of over 50% of all meters in year of audit
No review of billing system	Automated system but no checks of data validity	Automated system, less than annual checks of data.	Automated system internally checked on at least annual basis	Assessment of data handling errors conducted internally audited by third party on annual basis
Arbitrary volume estimates	Default of 0.25% of input volume	Number of events of each type evaluated, multiply by estimated gallons lost per event	Number of occurrences evaluated, monitoring and enforcement program started	Monitoring and enforcement program well established with analyzed losses less than 0.25% and declining from previous years

October 1, 2012 to September 30, 2013

CALCULATED VALUES	TWDB Report Line Number	TWDB Water Loss Calculation Component Name	AWU Line Item Description	DATA INPUT COLUMN	Units	Source	Document(s)	Additional Information
1,008,723,488 g	29	Total Apparent Losses		Calculated (Line 29 = Line 28 + Line 27)				
31,648,248 g	28	Reported Breaks and Leaks		Column A summarized for reporting 3 years				
			Water Loss from Hanson SRs	2,209,800	Gals	Donn Lorbiecki	Water Loss Report from Hanson	Totals for "non-intentional" use - meaning that water was lost from breaks or leaks rather than from intentional maintenance of distribution system.
			Water Loss from Hanson WDs	29,967,240	Gals	Donn Lorbiecki	See above	See above
			Reservoir System Overflows	648,200	Gals	Production Losses Pumping and Distribution /Francisco Vincenti	reservoir overflows and maintenance spreadsheet	
3,980,864,511 g	38	Unreported Loss		Column A "back calculation" this value by deducting Reported Breaks & Leaks (Line 29) and Total Apparent Losses (Line 28) from Water Losses (Line 25)				
4,022,809,751 g	31	Total Real Losses		Calculated (Line 39 = Line 38)				
5,026,833,239 g	32	Water Losses (Apparent + Real)		Calculated (Line 32 = Line 31 + Line 29				
5,191,809,798.1	33	Non-revenue Water (Water Losses + Unbilled Authorized Consumption		Calculated (Line 33 = Line 32 + Line 21)				
12.77487446	34	Apparent Losses Normalized (Apparent Loss Volume / # of Retail Service Connections / 365)		Calculated (Line 34 = Line 6 / 365)				
4,022,809,751 g	35	Real Loss Volume		Same as Line 31	Gals			
4,494,397.7	36	Unavoidable Annual Real Losses (UARL)		Calculated from Table 3.2	GPD			
2.718	37	Infrastructure Leakage Index		Calculated (Line 35 / Line 36)				Equal to [(0.41 x length of main lines in miles) + (0.15 x number of service connections)] x average pressure in system
51.05442456	38	Real Losses Normalized (Real Loss Volume / # of Service Connections / 365)		IF LINE 5 > 52, then Calculated (Line 38 / (Line 7 + (Line 8 / 365)) THIS DOES NOT APPLY TO AUSTIN				
3,872.1	39	Real Losses Normalized (Real Loss Volume / Miles of Main Lines / 365)		IF LINE 6 < 52, then Calculated (Line 38 / (Line 6 / 365))				
1,008,723,488 g	40	Total Apparent Losses		Same as Line 29				
$4.53	41	Retail Price of Water	Calculated Average Retail Price	$4.53	Per 1000 Gals	Michael Castillo	COS model	From Volume & Revenue worksheet in FY 2011 COS Model. System wide Volumetric Rate
$4,569,457.35	42	Cost of Apparent Losses		Calculated (Line 38 x Line 41)				
4,022,809,751 g	43	Total Real Losses		Same as Line 31				
$8.41	44	Variable Production Cost of Water	Calculated Production Costs	$8.41	Per 1000 Gals	IJ Yang and Sonjdi Floyd, Budget and Accounting	Variable cost of water FY13 spreadsheet	Compiled along guidelines set by AWU audit team
$1,867,287.62	45	Cost of Real Losses		Calculated (Line 43 x Line 44)				
97.5	46	Total Assessment Score		Audits Assessment Score Scores at right				
$6,217,854.83	47	Cost of Apparent Losses and Real Losses		Calculated (Line 42 + Line 45)				

Reliability Rating (input this value highlighted cells)	Data used for Reliability Metric Judgment	Audit Year when Score Achieved	Source
8	Visual leaks and breaks reported by customers and city staff; call-to-repair times known (greater than one week average; good records (based on the fact that w/o & s/i calls are erased) using the reported data in calc of amt of water lost)		Donn Lorbiecki Interview
	Estimates using formulas for known events - no estimates using loss data.		Rick Coronado Interview
2.5	Limited leak detection using basic sounding performed for a portion of the distribution system, some detailed records/database (Hanson W/Os)	FY07	Various
5	Weighted average residential rate using volumes in each rate block	FY07	Michael Castillo AWU Finance
3	Internally audited wholesale, electric and chemical costs	FY13	Michael Castillo AWU Finance

Assessment table				
1	2	3	4	5
Arbitrary estimates, repairs of reported leaks and breaks not documented	Only visual leaks and breaks from customer calls fixed, no known duration before fixing current records	Visual leaks and breaks reported by customers and city staff; call-to-repair times known (greater than one week average), good records	Visual leaks and breaks reported by customers and city staff; call-to-repair times less than one week, computerized maintenance management system used to document leak repair trends	Visual leaks and breaks reported by customers and city staff; call-to-repair times less than two days, outstanding computer maintenance records track system deficiencies and repair case performance
If no active leakage control activities exist, unreported leaks are undetected and quantity is zero	Limited leak detection using basic sounding performed for a portion of the distribution system, no detailed records/database	Proactive leak detection using basic sounding, correlation and detailed leak detection records, one or more District Metered Areas in use	Proactive leak detection using basic sounding, correlation and detailed leak detection and asset condition records, detailed component analysis results	Fully integrated flow monitoring and leak detection program with continuous reporting and analysis of system leakage; integration with asset management, GIS and economic level of leakage
Estimates only	Residential rate only	Weighted average residential rate using volumes in each rate block	Weighted average combination usage rate (includes residential commercial and industrial)	Third party reviewed, weighted average combination usage rate (includes residential commercial and industrial)
Estimates only	Extrapolated from evaluation of partial system electric and chemicals costs	Non-audited evaluation of total system electric and chemical costs	Internally audited wholesale, electric and chemical costs	Third-party audited wholesale, electric chemical and detailed support costs annually

Response to

Staff

1-9

Number of SA - Water	Sep-14
Inside City - Retail	
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

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 2013-17
Option #34 Approved

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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
COMBINED								
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	0	0	0	0	0	0
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	1,973,900	2,013,400
4231	Building Rental	222,000	211,800	235,000	235,000	235,000	235,000	235,000
4234	Damage Charges	120,719	61,600	80,100	81,700	83,300	85,000	86,700
4262	Process Assessment	1	0	0	0	0	0	0
4324	Compost/Sludge Sales	452,890	453,600	460,000	469,200	478,600	488,200	498,000
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	3,076	1,200	1,200	1,200	1,200	1,200	1,200
4389	Land Lease Fees	66,000	66,000	66,000	66,000	66,000	66,000	66,000
4394	Property Sales-Motorized Vehicles	68,960	52,000	70,600	72,000	73,400	74,800	76,200
4479	After Hours Turn On	453,860	86,300	690,000	703,800	717,900	732,300	747,000
4495	Meter Rev - Fire Meters	14,153	15,000	15,300	15,600	15,900	16,200	16,500
4505	Septic Tank Haulers Fee	752,872	607,501	619,700	632,100	644,700	657,600	670,800
4559	Commission Agenda Packets	2	0	100	100	100	100	100
4583	Rain Barrel Sales	0	0	0	0	0	0	0
4584	Seminar Fees	7,140	15,100	8,000	8,200	8,400	8,600	8,800
4606	Creedmore Maha	0	(7,200)	(7,200)	(7,200)	(7,200)	(7,200)	(7,200)
4642	A/R Adj. Leak Adjustment	(880,511)	(879,800)	(882,100)	(884,000)	(886,000)	(888,000)	(890,100)
4643	A/R Adj. Conservation Rebate	2	0	200	200	200	200	200
4646	Lab-Testing Fee	5,624	4,800	4,900	4,900	4,900	4,900	4,900
4648	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 REVENUES - COMBINED		$6,409,136	$5,957,501	$8,897,300	$9,060,500	$9,200,900	$9,106,400	$9,227,900

Budget FY 2013-17
Option #34 Approved

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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
WATER								
FDU Rev 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	0
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	0	0
4324	Compost/Sludge Sales	0	0	0	0	0	0	0
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	0	0	0	0
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	249,000
4495	Meter Rev - Fire Meters	14,153	15,000	15,300	15,600	15,900	16,200	16,500
4505	Septic Tank Haulers Fee	0	0	0	0	0	0	0
4559	Commission Agenda Packets	1	0	100	100	100	100	100
4583	Rain Barrel Sales	0	0	0	0	0	0	0
4584	Seminar Fees	7,140	15,100	8,000	8,200	8,400	8,600	8,800
4606	Creedmore Maha	0	(7,200)	(7,200)	(7,200)	(7,200)	(7,200)	(7,200)
4642	A/R Adj Leak Adjustment	(784,704)	(784,600)	(785,000)	(785,000)	(785,000)	(785,000)	(785,000)
4643	A/R Adj. Conservation Rebate	1	0	100	100	100	100	100
4646	Lab-Testing Fee	1	0	100	100	100	100	100
4648	Reuse Water Service	0	0	0	0	0	0	0
4653	Southland Oaks Surcharge	60,600	74,000	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	171,619	211,000	225,000	229,500	234,100	105,800	107,900
4663	NWA MUD 1 Surcharge Credit	0	0	0	0	0	0	0
4706	Service Installation	152,481	156,000	159,100	162,300	165,500	168,800	172,200
4771	Special Bill - Wtr Fin Mgt	147,107	120,000	122,400	124,800	127,300	129,800	132,400
4809	A/R Adjustments	1	0	100	100	100	100	100
4874	Miscellaneous	180,000	133,000	100,000	102,000	104,000	106,100	108,200
4875	Returned Check Fee	23,752	11,400	24,000	24,500	25,000	25,500	26,000
4877	Junk/Metal Sales	24,492	47,000	47,900	48,900	49,900	50,900	51,900
4879	Cash Over/Short	1	1,500	100	100	100	100	100
4881	Sales Tax Penalty	1	0	100	100	100	100	100
4883	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 REVENUES - WATER		$2,480,785	$2,822,700	$4,216,600	$4,305,000	$4,369,100	$4,295,000	$4,342,000

Budget FY 2013-17
Option #34 Approved

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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
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%	0 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%	0 0%	0.0%
4642	A/R Adj. Leak Adjustment			0.0%	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%	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			0 0%	0 0%	0 0%	0.0%	0.0%
4660	Wholesale Penalties & Fees			2.0%	2.0%	2.0%	2.0%	2 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%

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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
WASTEWATER								
FDU Rev 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	0	$0	$0	$0	$0	$0	$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	0	0	0	0	0	0
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	0	0	0	0	0	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	1	0	100	100	100	100	100
4262	Process Assessment	1	0	0	0	0	0	0
4324	Compost/Sludge Sales	452,890	453,600	460,000	469,200	478,600	488,200	498,000
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	3,076	1,200	1,200	1,200	1,200	1,200	1,200
4389	Land Lease Fees	0	0	0	0	0	0	0
4394	Property Sales-Motorized Vehicles	40,800	30,000	30,600	31,200	31,800	32,400	33,000
4479	After Hours Turn On	227,410	43,300	460,000	469,200	478,600	488,200	498,000
4495	Meter Rev - Fire Meters	0	0	0	0	0	0	0
4505	Septic Tank Haulers Fee	752,872	607,501	619,700	632,100	644,700	657,600	670,800
4559	Commission Agenda Packets	1	0	0	0	0	0	0
4583	Rain Barrel Sales	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	(95,807)	(95,200)	(97,100)	(99,000)	(101,000)	(103,000)	(105,100)
4643	A/R Adj Conservation Rebate	1	0	100	100	100	100	100
4646	Lab-Testing Fee	5,623	4,800	4,800	4,800	4,800	4,800	4,800
4648	Reuse Water Service	0	0	0	0	0	0	0
4653	Southland Oaks Surcharge	68,400	61,600	68,400	68,400	68,400	68,400	68,400
4655	WW Meter Application Fee	2,171	600	600	600	600	600	600
4660	Wholesale Penalties & Fees	267,967	274,000	274,000	274,000	274,000	178,000	178,000
4663	NWA MUD 1 Surcharge Credit	0	0	0	0	0	0	0
4706	Service Installation	31,077	46,300	47,200	48,100	49,100	50,100	51,100
4771	Special Bill - Wtr Fin Mgt	11,587	59,500	60,700	61,900	63,100	64,400	65,700
4809	A/R Adjustments	1	242,300	40,000	40,000	40,000	40,000	40,000
4874	Miscellaneous	14,400	14,800	134,800	137,500	140,300	143,100	146,000
4875	Returned Check Fee	20,636	8,200	24,000	24,500	25,000	25,500	26,000
4877	Junk/Metal Sales	25,070	27,600	28,200	28,800	29,400	30,000	30,600
4879	Cash Over/Short	1	0	100	100	100	100	100
4881	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 REVENUES - WASTEWATER		$3,928,351	$3,134,801	$4,680,700	$4,755,500	$4,831,800	$4,811,400	$4,885,900

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MISCELLANEOUS REVENUE

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WASTEWATER 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%	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%
4583	Rain Barrel Sales			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%
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%

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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
RECLAIMED								
FDU Rev 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
4262	Process Assessment	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
4583	Rain Barrel Sales	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
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	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
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
TOTAL REVENUES - RECLAIMED		$0	$0	$0	$0	$0	$0	$0

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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
RECLAIMED 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			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%
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%
4583	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%

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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

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MISCELLANEOUS REVENUE

		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								
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
4337	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
4495	Meter Rev - Fire Meters	15,300	23,308	23,800	24,300	24,800	25,300	25,800
4505	Septic Tank Haulers Fee	619,700	612,124	624,400	636,900	649,600	662,600	675,900
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	(882,100)	(1,073,716)	(1,075,700)	(1,078,200)	(1,080,800)	(1,083,400)	(1,086,100)
4643	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
4660	Wholesale Penalties & Fees	499,000	416,270	419,200	422,200	196,200	196,600	197,000
4706	Service Installation	206,300	393,782	401,700	409,700	417,900	426,200	434,700
4771	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
4845	Insurance Proceeds	0	0	0	0	0	0	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
4877	Junk/Metal Sales	76,100	84,380	86,000	87,700	89,500	91,300	93,100
4879	Cash Over/Short	200	90	200	200	200	200	200
4881	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
4999	Recls Recpt	100	50	100	100	100	100	100
TOTAL REVENUES - COMBINED		$8,897,300	$8,607,386	$8,310,800	$8,444,000	$8,339,300	$8,450,700	$8,560,500
		8,897,300	8,860,667	8,787,300	8,929,300	8,834,200	8,955,100	9,074,400

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MISCELLANEOUS REVENUE

		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
WATER								
FDU Rev 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
4999	Recls Recpt	100	50	100	100	100	100	100
TOTAL REVENUES - WATER		$4,216,600	$4,259,138	$4,187,000	$4,254,600	$4,181,500	$4,229,700	$4,275,700

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MISCELLANEOUS REVENUE

		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
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%	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%	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%	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%
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%	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			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%

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MISCELLANEOUS REVENUE

		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
WASTEWATER								
FDU Rev 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	0	0	0	0	0	0	0
4606	Creedmore Maha	0	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	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
4877	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
4999	Recls Recpt	0	0	0	0	0	0	0
TOTAL REVENUES - WASTEWATER		$4,680,700	$4,348,248	$4,123,800	$4,189,400	$4,157,800	$4,221,000	$4,284,800

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MISCELLANEOUS REVENUE

		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
WASTEWATER 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%	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%

Budget FY 2014-18
Approved Option #32

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CITY OF AUSTIN, TEXAS
AUSTIN WATER UTILITY

MISCELLANEOUS REVENUE

		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
RECLAIMED								
FDU Rev 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
TOTAL REVENUES - RECLAIMED		$0	$0	$0	$0	$0	$0	$0

Budget FY 2014-18
Approved Option #32

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CITY OF AUSTIN, TEXAS
AUSTIN WATER UTILITY

MISCELLANEOUS REVENUE

		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
RECLAIMED 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			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%
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%
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%
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%	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%
4845	Insurance Proceeds			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%

Budget FY 2014-18
Approved Option #32

** DRAFT **

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	0	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	0	0	0	0	0
TOTAL - WATER	$404,873	$168,751	$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 & Projecti	$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	0	0	0	0	0	0
Reclaimed Interest Income	$3,764	$1,456	$554	$4,197	$9,224	$10,624	$14,908
Budget Adjustment	0	0	0	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	$23,378	$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

PLANT NAME OR NUMBER: RIVER PLACE WTP

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.

PWS ID No.: 2270252

Operator's Signature:

Report for the Month of: January 2013

Certificate No. & Grade: WS0010736, C

Date: February 11, 2013

TREATMENT PLANT PERFORMANCE

Total number of turbidity readings:	186	Number of 4-hour periods when plant was off-line:	0
Number of readings above 0.10 NTU:	0	Number of 4-hour periods when plant was on-line	
Number of readings above 0.3 NTU:	0	but turbidity data was not collected:	0
Number of readings above 0.5 NTU:	0	Number of days when plant was on-line	
Number of readings above 1.0 NTU:	0	but individual filter turbidity data was not collected:	0
Maximum allowable 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)

Statistical Summary

Maximum turbidity reading:	0.10 NTU	Average turbidity value:	0.06 NTU
Minimum turbidity reading:	0.04 NTU	Standard deviation:	0.011 NTU
CFE 95th percentile value:	0.08 NTU	IFE 95th percentile:	0.100 NTU

Number of days with a low CT for no more than 4.0 consecutive hours:	0	Average log inactivation for Giardia:	1.29
		Average log inactivation for viruses:	2.85
Number of days with a low CT for more than 4.0 consecutive hours:	0 (4)	Number of days when profiling data was not collected:	0
		Number of days when CT data was not collected:	0

Minimum disinfectant residual required leaving the plant: 0.5 mg/L, measured as Total Chlorine

Number of days with a low residual for no more than 4.0 consecutive hours:	0		
Number of days with a low residual for more than 4.0 consecutive hours:	0 (5)	Number of days when disinfectant residual leaving the plant was not properly monitored:	0

DISTRIBUTION SYSTEM

Minimum disinfectant residual required in distribution system: 0.5 mg/L, measured as Total Chlorine

Total number of readings this month:	34 (at least 31 required) (8)		
Average disinfectant residual value:	3.04	Percentage of readings with a low residual this month.	0.0 % (6A)
Number of readings with a low residual:	0		
Number of readings with no detectable residual:	0	Percentage of readings with a low residual last month:	0.0 % (6B)

ADDITIONAL REPORTS & WORKSHEETS

The Page 1 Addendum (Public Notices) is not required because there were no treatment technique or monitoring/reporting violations reported.

Additional report(s) for individual filter monitoring required:	◉ NONE	○ Filter Profile	○ Filter Assessment	○ CPE
Additional report(s) for individual filter monitoring submitted:	◉ NONE	○ Filter Profile (9)	○ Filter Assessment (10)	○ CPE (11)

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

MONTHLY TOTAL ORGANIC CARBON REMOVAL REPORT (TOCMOR)

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

PUBLIC WATER SYSTEM NAME: River Place MUD

PLANT NAME OR NUMBER: RIVER PLACE WTP

PWS ID No.: 2270252

Month: January Year: 2013

Type of treatment: X Conventional ☐ Unconventional explain:

Note: Systems are required to run one TOC Sample Set every month Additional space is provided for those systems that do additional sampling

Test No.	Test Date	Monthly TOC Sample Set			Actual % TOC Removed	Step 1 Required % Removal	Step 1 Removal Ratio	Optional data		COMPLIANCE REMOVAL RATIO
		Raw Alkalinity	Raw TOC	Treated TOC				Step 2 Required % Removal	Step 2 Removal Ratio	
		Enter the Sample Set results			calculated	calculated from matrix	calculated			calculated
1	1/15	162	3.84	3.35	12.8	15	0.85			0.85
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
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

TOC Summary: Don't forget to include a copy of your P.7-TOC ACC worksheet with your report.					Monthly Compliance Ratio
Raw Water Alkalinity	Raw Water TOC	Treated Water TOC	TOC % Removal	ACC # used	
162	3.84	3.35	12.8	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: WS0010736, C Date: February 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

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

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.

PWS ID No.: 2270252

Operator's Signature:

Report for the Month of: February 2013

Certificate No. & Grade: WS0010736, C

Date: March 7, 2013

TREATMENT PLANT PERFORMANCE

Total number of turbidity readings:	168	Number of 4-hour periods when plant was off-line:	0
Number of readings above 0.10 NTU:	0	Number of 4-hour periods when plant was on-line but turbidity data was not collected:	0
Number of readings above 0.3 NTU:	0		
Number of readings above 0.5 NTU:	0	Number of days when plant was on-line but individual filter turbidity data was not collected:	0
Number of readings above 1.0 NTU:	0		
Maximum allowable 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)

Statistical Summary

Maximum turbidity reading:	0.07 NTU	Average turbidity value:	0.05 NTU
Minimum turbidity reading:	0.03 NTU	Standard deviation:	0.008 NTU
CFE 95th percentile value:	0.06 NTU	IFE 95th percentile:	0.080 NTU

Number of days with a low CT for no more than 4.0 consecutive hours:	0	Average log inactivation for Giardia:	1.38
		Average log inactivation for viruses:	3.23
Number of days with a low CT for more than 4.0 consecutive hours:	0 (4)	Number of days when profiling data was not collected:	0
		Number of days when CT data was not collected:	0

Minimum disinfectant residual required leaving the plant: 0.5 mg/L, measured as Total Chlorine

Number of days with a low residual for no more than 4.0 consecutive hours:	0		
Number of days with a low residual for more than 4.0 consecutive hours:	0 (5)	Number of days when disinfectant residual leaving the plant was not properly monitored:	0

DISTRIBUTION SYSTEM

Minimum disinfectant residual required in distribution system: 0.5 mg/L, measured as Total Chlorine

Total number of readings this month:	31 (at least 28 required) (6)		
Average disinfectant residual value:	2.80	Percentage of readings with a low residual this month:	0.0 % (6A)
Number of readings with a low residual:	0		
Number of readings with no detectable residual:	0	Percentage of readings with a low residual last month:	0.0 % (6B)

ADDITIONAL REPORTS & WORKSHEETS

The Page 1 Addendum (Public Notices) is not required because there were no treatment technique or monitoring/reporting violations reported.

Additional report(s) for individual filter monitoring required: ◉ NONE ○ Filter Profile ○ Filter Assessment ○ CPE

Additional report(s) for individual filter monitoring submitted: ◉ NONE ○ Filter Profile (9) ○ Filter Assessment (10) ○ CPE (11)

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

MONTHLY TOTAL ORGANIC CARBON REMOVAL REPORT (TOCMOR)

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

PUBLIC WATER SYSTEM NAME: River Place MUD

PWS ID No.: 2270252

PLANT NAME OR NUMBER: RIVER PLACE WTP

Month: February Year: 2013

Type of treatment: X Conventional ____ Unconventional explain: ____

Note: Systems are required to run one TOC Sample Set every month. Additional space is provided for those systems that do additional sampling

Test No.	Test Date	Monthly TOC Sample Set			Actual % TOC Removed	Step 1 Required % Removal	Step 1 Removal Ratio	Optional data		COMPLIANCE REMOVAL RATIO
		Raw Alkalinity	Raw TOC	Treated TOC				Step 2 Required % Removal	Step 2 Removal Ratio	
		Enter the Sample Set results			calculated	calculated from matrix	calculated			calculated
1	2/14	167	3.78	3.60	4.8	15	0.32			0.32
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
Avg		167.00	3.78	3.60	4.76		0.32			0.32
Max		167.00	3.78	3.60	4.76		0.32			0.32
Min		167.00	3.78	3.60	4.76		0.32			0.32

TOTAL ORGANIC CARBON (TOC) REMOVAL SUMMARY

TOC Summary - Don't forget to include a copy of your P.7 TOC ACG Worksheet with your report					Monthly Compliance Ratio
Raw Water Alkalinity	Raw Water TOC	Treated Water TOC	TOC % Removal	ACC # used	
167	3.78	3.60	4.8	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: WS0010736, C 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

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

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.

PWS ID No.: 2270252

Operator's Signature:

Report for the Month of: March 2013

Certificate No. & Grade: WS0010736, C

Date: April 4, 2013

TREATMENT PLANT PERFORMANCE

Total number of turbidity readings:	186	Number of 4-hour periods when plant was off-line:	0
Number of readings above 0.10 NTU:	0	Number of 4-hour periods when plant was on-line	
Number of readings above 0.3 NTU:	0	but turbidity data was not collected:	0
Number of readings above 0.5 NTU:	0	Number of days when plant was on-line	
Number of readings above 1.0 NTU:	0	but individual filter turbidity data was not collected:	0
Maximum allowable 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)

Statistical Summary

Maximum turbidity reading:	0.08 NTU	Average turbidity value:	0.06 NTU
Minimum turbidity reading:	0.05 NTU	Standard deviation:	0.006 NTU
CFE 95th percentile value:	0.07 NTU	IFE 95th percentile:	0.100 NTU

Number of days with a low CT for no more than 4.0 consecutive hours:	0	Average log inactivation for Giardia:	1.60
		Average log inactivation for viruses:	3.81
Number of days with a low CT for more than 4.0 consecutive hours:	0 (4)	Number of days when profiling data was not collected:	0
		Number of days when CT data was not collected:	0

Minimum disinfectant residual required leaving the plant: 0.5 mg/L, measured as Total Chlorine

Number of days with a low residual for no more than 4.0 consecutive hours:	0		
Number of days with a low residual for more than 4.0 consecutive hours:	0 (5)	Number of days when disinfectant residual leaving the plant was not properly monitored:	0

DISTRIBUTION SYSTEM

Minimum disinfectant residual required in distribution system: 0.5 mg/L, measured as Total Chlorine

Total number of readings this month:	34 (at least 31 required) (8)		
Average disinfectant residual value:	3.00	Percentage of readings with a low residual this month:	0.0 % (6A)
Number of readings with a low residual:	0		
Number of readings with no detectable residual:	0	Percentage of readings with a low residual last month:	0.0 % (6B)

ADDITIONAL REPORTS & WORKSHEETS

The Page 1 Addendum (Public Notices) is not required because there were no treatment technique or monitoring/reporting violations reported.

Additional report(s) for individual filter monitoring required: ◉NONE ○Filter Profile ○Filter Assessment ○CPE

Additional report(s) for individual filter monitoring submitted: ◉NONE ○Filter Profile (9) ○Filter Assessment (10) ○CPE (11)

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

MONTHLY TOTAL ORGANIC CARBON REMOVAL REPORT (TOCMOR)

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

PUBLIC WATER SYSTEM NAME: River Place MUD

PLANT NAME OR NUMBER: RIVER PLACE WTP

PWS ID No.: 2270252

Month: March Year: 2013

Type of treatment: X Conventional ☐ Unconventional explain:

Note. Systems are required to run one TOC Sample Set every month. Additional space is provided for those systems that do additional sampling

Test No.	Test Date	Monthly TOC Sample Set			Actual % TOC Removed	Step 1 Required % Removal	Step 1 Removal Ratio	Optional data		COMPLIANCE REMOVAL RATIO
		Raw Alkalinity	Raw TOC	Treated TOC				Step 2 Required % Removal	Step 2 Removal Ratio	
		Enter the Sample Set results			calculated	calculated from matrix	calculated			calculated
1	3/18	162	3.89	3.43	11.8	15	0.79			0.79
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
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19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
Avg		162.00	3.89	3.43	11.83		0.79			0.79
Max		162.00	3.89	3.43	11.83		0.79			0.79
Min		162.00	3.89	3.43	11.83		0.79			0.79

TOTAL ORGANIC CARBON (TOC) REMOVAL SUMMARY

TOC Summary: Don't forget to include a copy of your P-7 TOC ACC worksheet with your report.					Monthly Compliance Ratio
Raw Water Alkalinity	Raw Water TOC	Treated Water TOC	TOC % Removal	ACC # used	
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: WS0010736, 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

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

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

PWS ID No.: 2270252

Operator's Signature:

Report for the Month of: April 2013

Certificate No. & Grade: WS0010736, C

Date: May 3, 2013

TREATMENT PLANT PERFORMANCE

Total number of turbidity readings:	180	Number of 4-hour periods when plant was off-line:	0
Number of readings above 0.10 NTU:	0	Number of 4-hour periods when plant was on-line	
Number of readings above 0.3 NTU:	0	but turbidity data was not collected:	0
Number of readings above 0.5 NTU:	0	Number of days when plant was on-line	
Number of readings above 1.0 NTU:	0	but individual filter turbidity data was not collected:	0
Maximum allowable 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)

Statistical Summary

Maximum turbidity reading:	0.07 NTU	Average turbidity value:	0.06 NTU
Minimum turbidity reading:	0.05 NTU	Standard deviation:	0.004 NTU
CFE 95th percentile value:	0.06 NTU	IFE 95th percentile:	0.110 NTU

Number of days with a low CT for no more than 4.0 consecutive hours:	0	Average log inactivation for Giardia:	1.69
		Average log inactivation for viruses:	4.10
Number of days with a low CT for more than 4.0 consecutive hours:	0 (4)	Number of days when profiling data was not collected:	0
		Number of days when CT data was not collected:	0

Minimum disinfectant residual required leaving the plant: 0.5 mg/L, measured as Total Chlorine

Number of days with a low residual for no more than 4.0 consecutive hours:	0		
Number of days with a low residual for more than 4.0 consecutive hours:	0 (5)	Number of days when disinfectant residual leaving the plant was not properly monitored:	0

DISTRIBUTION SYSTEM

Minimum disinfectant residual required in distribution system: 0.5 mg/L, measured as Total Chlorine

Total number of readings this month:	33 (at least 30 required) (8)		
Average disinfectant residual value:	2.80	Percentage of readings with a low residual this month:	0.0 % (6A)
Number of readings with a low residual:	0		
Number of readings with no detectable residual:	0	Percentage of readings with a low residual last month:	0.0 % (6B)

ADDITIONAL REPORTS & WORKSHEETS

The Page 1 Addendum (Public Notices) is not required because there were no treatment technique or monitoring/reporting violations reported.

Additional report(s) for individual filter monitoring required: ◉ NONE ○ Filter Profile ○ Filter Assessment ○ CPE

Additional report(s) for individual filter monitoring submitted: ◉ NONE ○ Filter Profile (9) ○ Filter Assessment (10) ○ CPE (11)

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

MONTHLY TOTAL ORGANIC CARBON REMOVAL REPORT (TOCMOR)

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

PUBLIC WATER SYSTEM NAME: River Place MUD

PLANT NAME OR NUMBER: RIVER PLACE WTP

PWS ID No.: 2270252

Month: April Year: 2013

Type of treatment: [X] Conventional [ ] Unconventional explain:

Note: Systems are required to run one TOC Sample Set every month. Additional space is provided for those systems that do additional sampling

Test No.	Test Date	Monthly TOC Sample Set			Actual % TOC Removed	Step 1 Required % Removal	Step 1 Removal Ratio	Optional data		COMPLIANCE REMOVAL RATIO
		Raw Alkalinity	Raw TOC	Treated TOC				Step 2 Required % Removal	Step 2 Removal Ratio	
		Enter the Sample Set results			calculated	calculated from matrix	calculated			calculated
1	4/15	157	3.80	3.72	2.1	15	0.14			0.14
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
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20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
Avg		157.00	3.80	3.72	2.11		0.14			0.14
Max		157.00	3.80	3.72	2.11		0.14			0.14
Min		157.00	3.80	3.72	2.11		0.14			0.14

TOTAL ORGANIC CARBON (TOC) REMOVAL SUMMARY

TOC Summary: Don't forget to include a copy of your P.7 TOC ACC worksheet with your report.					Monthly Compliance Ratio
Raw Water Alkalinity	Raw Water TOC	Treated Water TOC	TOC % Removal	ACC # used	
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.

Operator's Signature: Certificate No. and Grade: WS0010736, C 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

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

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.

PWS ID No.: 2270252

Operator's Signature:

Report for the Month of: May 2013

Certificate No. & Grade: WS0010736, C

Date: June 10, 2013

TREATMENT PLANT PERFORMANCE

Total number of turbidity readings:	186	Number of 4-hour periods when plant was off-line.	0
Number of readings above 0.10 NTU:	0	Number of 4-hour periods when plant was on-line	
Number of readings above 0.3 NTU:	0	but turbidity data was not collected:	0
Number of readings above 0.5 NTU:	0	Number of days when plant was on-line	
Number of readings above 1.0 NTU:	0	but individual filter turbidity data was not collected:	0
Maximum allowable 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)

Statistical Summary

Maximum turbidity reading:	0.08 NTU	Average turbidity value:	0.06 NTU
Minimum turbidity reading:	0.05 NTU	Standard deviation:	0.006 NTU
CFE 95th percentile value:	0.07 NTU	IFE 95th percentile:	0.110 NTU

Number of days with a low CT for no more than 4.0 consecutive hours:	0	Average log inactivation for Giardia:	1.83
		Average log inactivation for viruses:	4.52
Number of days with a low CT for more than 4.0 consecutive hours:	0 (4)	Number of days when profiling data was not collected:	0
		Number of days when CT data was not collected:	0

Minimum disinfectant residual required leaving the plant: 0.5 mg/L, measured as Total Chlorine

Number of days with a low residual for no more than 4.0 consecutive hours:	0		
Number of days with a low residual for more than 4.0 consecutive hours:	0 (5)	Number of days when disinfectant residual leaving the plant was not properly monitored:	0

DISTRIBUTION SYSTEM

Minimum disinfectant residual required in distribution system: 0.5 mg/L, measured as Total Chlorine

Total number of readings this month:	34 (at least 31 required) (8)		
Average disinfectant residual value:	2.70	Percentage of readings with a low residual this month:	0.0 % (6A)
Number of readings with a low residual:	0		
Number of readings with no detectable residual:	0	Percentage of readings with a low residual last month:	0.0 % (6B)

ADDITIONAL REPORTS & WORKSHEETS

The Page 1 Addendum (Public Notices) is not required because there were no treatment technique or monitoring/reporting violations reported.

Additional report(s) for individual filter monitoring required: (●) NONE ( ) Filter Profile ( ) Filter Assessment ( ) CPE

Additional report(s) for individual filter monitoring submitted: (●) NONE ( ) Filter Profile (9) ( ) Filter Assessment (10) ( ) CPE (11)

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

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

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.

PWS ID No : 2270252 Operator's Signature:

Report for the Month of: June 2013 Certificate No. & Grade: WS0010736, C Date: July 5, 2013

TREATMENT PLANT PERFORMANCE

Total number of turbidity readings:	180	Number of 4-hour periods when plant was off-line:	0
Number of readings above 0.10 NTU:	0	Number of 4-hour periods when plant was on-line	
Number of readings above 0.3 NTU:	0	but turbidity data was not collected:	0
Number of readings above 0.5 NTU:	0	Number of days when plant was on-line	
Number of readings above 1.0 NTU:	0	but individual filter turbidity data was not collected:	0
Maximum allowable 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)

Statistical Summary				
Maximum turbidity reading:	0.08 NTU	Average turbidity value:	0 07 NTU
Minimum turbidity reading:	0.06 NTU	Standard deviation:	0.007 NTU
CFE 95th percentile value.	0.08 NTU	IFE 95th percentile:	0 120 NTU

Number of days with a low CT for no more than 4.0 consecutive hours:	0	Average log inactivation for Giardia:	2.08
		Average log inactivation for viruses:	5.23
Number of days with a low CT for more than 4.0 consecutive hours:	0 (4)	Number of days when profiling data was not collected:	0
		Number of days when CT data was not collected:	0

Minimum disinfectant residual required leaving the plant: 0.5 mg/L, measured as Total Chlorine

Number of days with a low residual for no more than 4.0 consecutive hours:	0		
Number of days with a low residual for more than 4.0 consecutive hours:	0 (5)	Number of days when disinfectant residual leaving the plant was not properly monitored:	0

DISTRIBUTION SYSTEM

Minimum disinfectant residual required in distribution system: 0.5 mg/L, measured as Total Chlorine

Total number of readings this month:	33 (at least 30 required) (8)		
Average disinfectant residual value:	2.25	Percentage of readings with a low residual this month:	0.0 % (6A)
Number of readings with a low residual:	0		
Number of readings with no detectable residual:	0	Percentage of readings with a low residual last month:	0.0 % (6B)

ADDITIONAL REPORTS & WORKSHEETS

The Page 1 Addendum (Public Notices) is not required because there were no treatment technique or monitoring/reporting violations reported.

Additional report(s) for individual filter monitoring required: (●) NONE ( ) Filter Profile ( ) Filter Assessment ( ) CPE

Additional report(s) for individual filter monitoring submitted: (●) NONE ( ) Filter Profile (9) ( ) Filter Assessment (10) ( ) CPE (11)

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

MONTHLY TOTAL ORGANIC CARBON REMOVAL REPORT (TOCMOR)

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

PUBLIC WATER SYSTEM NAME: River Place MUD

PLANT NAME OR NUMBER: RIVER PLACE WTP

PWS ID No.: 2270252

Month: June Year: 2013

Type of treatment: X Conventional ☐ Unconventional explain:

Note: Systems are required to run one TOC Sample Set every month. Additional space is provided for those systems that do additional sampling

Test No.	Test Date	Monthly TOC Sample Set			Actual % TOC Removed	Step 1 Required % Removal	Step 1 Removal Ratio	Optional data		COMPLIANCE REMOVAL RATIO
		Raw Alkalinity	Raw TOC	Treated TOC				Step 2 Required % Removal	Step 2 Removal Ratio	
		Enter the Sample Set results			calculated	calculated from matrix	calculated			calculated
1	6/17	170	4.82	4.38	9.1	25	0.37			0.37
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
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19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
Avg		170.00	4.82	4.38	9.13		0.37			0.37
Max		170.00	4.82	4.38	9.13		0.37			0.37
Min		170.00	4.82	4.38	9.13		0.37			0.37

TOTAL ORGANIC CARBON (TOC) REMOVAL SUMMARY

TOC Summary: Don't forget to include a copy of your P-7-TOC ACC worksheet with your report.					Monthly Compliance Ratio
Raw Water Alkalinity	Raw Water TOC	Treated Water TOC	TOC % Removal	ACC # used	
170	4.82	4.38	9.1	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.

Operator's Signature: _____ Certificate and Grade No.: WS0010736, C Date: July 5, 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

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

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.

PWS ID No.: 2270252

Operator's Signature:

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 plant was off-line:	0
Number of readings above 0.10 NTU:	5	Number of 4-hour periods when plant was on-line but turbidity data was not collected:	0
Number of readings above 0.3 NTU:	0		
Number of readings above 0.5 NTU:	0	Number of days when plant was on-line but individual filter turbidity data was not collected:	0
Number of readings above 1.0 NTU:	0		
Maximum allowable 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)

Statistical Summary

Maximum turbidity reading:	0.15 NTU	Average turbidity value:	0.07 NTU
Minimum turbidity reading:	0.05 NTU	Standard deviation:	0.015 NTU
CFE 95th percentile value:	0.09 NTU	IFE 95th percentile:	0.120 NTU

Number of days with a low CT for no more than 4.0 consecutive hours:	0	Average log inactivation for Giardia:	2.07
		Average log inactivation for viruses:	5.37
Number of days with a low CT for more than 4.0 consecutive hours:	0 (4)	Number of days when profiling data was not collected:	0
		Number of days when CT data was not collected:	0

Minimum disinfectant residual required leaving the plant: 0.5 mg/L, measured as Total Chlorine

Number of days with a low residual for no more than 4.0 consecutive hours:	0		
Number of days with a low residual for more than 4.0 consecutive hours:	0 (5)	Number of days when disinfectant residual leaving the plant was not properly monitored:	0

DISTRIBUTION SYSTEM

Minimum disinfectant residual required in distribution system: 0.5 mg/L, measured as Total Chlorine

Total number of readings this month:	34 (at least 31 required) (8)		
Average disinfectant residual value:	2.28	Percentage of readings with a low residual this month:	0.0 % (6A)
Number of readings with a low residual:	0		
Number of readings with no detectable residual:	0	Percentage of readings with a low residual last month:	0.0 % (6B)

ADDITIONAL REPORTS & WORKSHEETS

The Page 1 Addendum (Public Notices) is not required because there were no treatment technique or monitoring/reporting violations reported.

Additional report(s) for individual filter monitoring required:	(●) NONE	( ) Filter Profile	( ) Filter Assessment	( ) CPE
Additional report(s) for individual filter monitoring submitted:	(●) NONE	( ) Filter Profile (9)	( ) Filter Assessment (10)	( ) CPE (11)

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

MONTHLY TOTAL ORGANIC CARBON REMOVAL REPORT (TOCMOR)

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

PUBLIC WATER SYSTEM NAME: River Place MUD

PLANT NAME OR NUMBER: RIVER PLACE WTP

PWS ID No.: 2270252

Month: July Year: 2013

Type of treatment: [X] Conventional [ ] Unconventional explain:

Note: Systems are required to run one TOC Sample Set every month. Additional space is provided for those systems that do additional sampling

Test No.	Test Date	Monthly TOC Sample Set			Actual % TOC Removed	Step 1 Required % Removal	Step 1 Removal Ratio	Optional data		COMPLIANCE REMOVAL RATIO
		Raw Alkalinity	Raw TOC	Treated TOC				Step 2 Required % Removal	Step 2 Removal Ratio	
		Enter the 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										
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20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
Avg		154.00	3.82	3.23	15.45		1.03			1.03
Max		154.00	3.82	3.23	15.45		1.03			1.03
Min		154.00	3.82	3.23	15.45		1.03			1.03

TOTAL ORGANIC CARBON (TOC) REMOVAL SUMMARY

TOC Summary					Monthly Compliance Ratio
Raw Water Alkalinity	Raw Water TOC	Treated Water TOC	TOC % Removal	ACC # used	
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: WS0010736, 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

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

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.

PWS ID No.: 2270252

Operator's Signature:

Report for the Month of: August 2013

Certificate No. & Grade: WS0003008, A

Date: September 9, 2013

TREATMENT PLANT PERFORMANCE

Total number of turbidity readings:	186	Number of 4-hour periods when plant was off-line:	0
Number of readings above 0.10 NTU:	0	Number of 4-hour periods when plant was on-line but turbidity data was not collected:	0
Number of readings above 0.3 NTU:	0		
Number of readings above 0.5 NTU:	0	Number of days when plant was on-line but individual filter turbidity data was not collected:	0
Number of readings above 1.0 NTU:	0		
Maximum allowable 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)

Statistical Summary

Maximum turbidity reading:	0.09 NTU	Average turbidity value:	0.05 NTU
Minimum turbidity reading:	0.04 NTU	Standard deviation:	0 008 NTU
CFE 95th percentile value:	0.06 NTU	IFE 95th percentile:	0.120 NTU

Number of days with a low CT for no more than 4.0 consecutive hours:	0	Average log inactivation for Giardia:	2.06
		Average log inactivation for viruses:	5.91
Number of days with a low CT for more than 4.0 consecutive hours:	0 (4)	Number of days when profiling data was not collected:	0
		Number of days when CT data was not collected:	0

Minimum disinfectant residual required leaving the plant: 0.5 mg/L, measured as Total Chlorine

Number of days with a low residual for no more than 4.0 consecutive hours:	0		
Number of days with a low residual for more than 4.0 consecutive hours:	0 (5)	Number of days when disinfectant residual leaving the plant was not properly monitored.	0

DISTRIBUTION SYSTEM

Minimum disinfectant residual required in distribution system: 0.5 mg/L, measured as Total Chlorine

Total number of readings this month:	33 (at least 31 required) (8)		
Average disinfectant residual value:	2.20	Percentage of readings with a low residual this month:	0.0 % (6A)
Number of readings with a low residual	0		
Number of readings with no detectable residual:	0	Percentage of readings with a low residual last month:	0.0 % (6B)

ADDITIONAL REPORTS & WORKSHEETS

The Page 1 Addendum (Public Notices) is not required because there were no treatment technique or monitoring/reporting violations reported.

Additional report(s) for individual filter monitoring required:	◉ NONE	○ Filter Profile	○ Filter Assessment	○ CPE
Additional report(s) for individual filter monitoring submitted:	◉ NONE	○ Filter Profile (9)	○ Filter Assessment (10)	○ CPE (11)

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

MONTHLY TOTAL ORGANIC CARBON REMOVAL REPORT (TOCMOR)

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

PUBLIC WATER SYSTEM NAME: River Place MUD

PLANT NAME OR NUMBER: RIVER PLACE WTP

PWS ID No.: 2270252

Month: August Year: 2013

Type of treatment: X Conventional ☐ Unconventional explain:

Note: Systems are required to run one TOC Sample Set every month. Additional space is provided for those systems that do additional sampling

Test No.	Test Date	Monthly TOC Sample Set			Actual % TOC Removed	Step 1 Required % Removal	Step 1 Removal Ratio	Optional data		COMPLIANCE REMOVAL RATIO
		Raw Alkalinity	Raw TOC	Treated TOC				Step 2 Required % Removal	Step 2 Removal Ratio	
		Enter the Sample Set results			*calculated*	*calculated from matrix*	*calculated*			*calculated*
1	8/7	160	3.98	3.80	4.5	15	0.30			0.30
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
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21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
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

TOTAL ORGANIC CARBON (TOC) REMOVAL SUMMARY

TOC Summary: Don't forget to include a copy of your P.7-TOC ACC worksheet with your report.					Monthly Compliance Ratio
Raw Water Alkalinity	Raw Water TOC	Treated Water TOC	TOC % Removal	ACC # used	
160	3.98	3.80	4.5	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: 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

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

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.

PWS ID No.: 2270252

Operator's Signature:

Report for the Month of: September 2013

Certificate No. & Grade: WS0010736, C

Date: October 10, 2013

TREATMENT PLANT PERFORMANCE

Total number of turbidity readings:	180	Number of 4-hour periods when plant was off-line:	0
Number of readings above 0.10 NTU:	0	Number of 4-hour periods when plant was on-line but turbidity data was not collected:	0
Number of readings above 0.3 NTU:	0		
Number of readings above 0.5 NTU:	0	Number of days when plant was on-line but individual filter turbidity data was not collected:	0
Number of readings above 1.0 NTU:	0		
Maximum allowable 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)

Statistical Summary

Maximum turbidity reading:	0.07 NTU	Average turbidity value:	0.05 NTU
Minimum turbidity reading:	0.04 NTU	Standard deviation:	0.008 NTU
CFE 95th percentile value:	0.06 NTU	IFE 95th percentile:	0.120 NTU

Number of days with a low CT for no more than 4.0 consecutive hours:	0	Average log inactivation for Giardia:	2.73
		Average log inactivation for viruses:	28.98
Number of days with a low CT for more than 4.0 consecutive hours:	0 (4)	Number of days when profiling data was not collected:	0
		Number of days when CT data was not collected:	0

Minimum disinfectant residual required leaving the plant: 0.5 mg/L, measured as Total Chlorine

Number of days with a low residual for no more than 4.0 consecutive hours:	0		
Number of days with a low residual for more than 4.0 consecutive hours:	0 (5)	Number of days when disinfectant residual leaving the plant was not properly monitored:	0

DISTRIBUTION SYSTEM

Minimum disinfectant residual required in distribution system: 0.5 mg/L, measured as Total Chlorine

Total number of readings this month:	33 (at least 30 required) (8)		
Average disinfectant residual value:	2.00	Percentage of readings with a low residual this month:	0.0 % (6A)
Number of readings with a low residual:	0		
Number of readings with no detectable residual:	0	Percentage of readings with a low residual last month:	0.0 % (6B)

ADDITIONAL REPORTS & WORKSHEETS

The Page 1 Addendum (Public Notices) is not required because there were no treatment technique or monitoring/reporting violations reported.

Additional report(s) for individual filter monitoring required: ◉ NONE ○ Filter Profile ○ Filter Assessment ○ CPE

Additional report(s) for individual filter monitoring submitted: ◉ NONE ○ Filter Profile (9) ○ Filter Assessment (10) ○ CPE (11)

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

MONTHLY TOTAL ORGANIC CARBON REMOVAL REPORT (TOCMOR)

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

PUBLIC WATER SYSTEM NAME: River Place MUD

PLANT NAME OR NUMBER: RIVER PLACE WTP

PWS ID No.: 2270252

Month: September Year: 2013

Type of treatment: X Conventional ____ Unconventional explain:

Note: Systems are required to run one TOC Sample Set every month. Additional space is provided for those systems that do additional sampling

Test No.	Test Date	Monthly TOC Sample Set			Actual % TOC Removed	Step 1 Required % Removal	Step 1 Removal Ratio	Optional data		COMPLIANCE REMOVAL RATIO
		Raw Alkalinity	Raw TOC	Treated TOC				Step 2 Required % Removal	Step 2 Removal Ratio	
		Enter the Sample Set results			calculated	calculated from matrix	calculated			calculated
1	9/3	158	3.66	3.17	13.4	15	0.89			0.89
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
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19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
Avg		158.00	3.66	3.17	13.39		0.89			0.89
Max		158.00	3.66	3.17	13.39		0.89			0.89
Min		158.00	3.66	3.17	13.39		0.89			0.89

TOTAL ORGANIC CARBON (TOC) REMOVAL SUMMARY

TOC Summary - Don't forget to include a copy of your P.7 TOC ACC worksheet with your report					Monthly Compliance Ratio
Raw Water Alkalinity	Raw Water TOC	Treated Water TOC	TOC % Removal	ACC # used	
158	3.66	3.17	13.4	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 and Grade: No. 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

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

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.

PWS ID No.: 2270252

Operator's Signature:

Report for the Month of: October 2013

Certificate No. & Grade: WS0003008, A

Date: November 11, 2013

TREATMENT PLANT PERFORMANCE

Total number of turbidity readings:	186	Number of 4-hour periods when plant was off-line:	0
Number of readings above 0.10 NTU:	0	Number of 4-hour periods when plant was on-line but turbidity data was not collected:	0
Number of readings above 0.3 NTU:	0		
Number of readings above 0.5 NTU:	0	Number of days when plant was on-line but individual filter turbidity data was not collected:	0
Number of readings above 1.0 NTU:	0		
Maximum allowable 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)

Statistical Summary

Maximum turbidity reading:	0.10 NTU	Average turbidity value:	0.07 NTU
Minimum turbidity reading:	0.05 NTU	Standard deviation:	0.017 NTU
CFE 95th percentile value:	0.10 NTU	IFE 95th percentile:	0.180 NTU

Number of days with a low CT for no more than 4.0 consecutive hours:	0	Average log inactivation for Giardia:	2.34
		Average log inactivation for viruses:	26.42
Number of days with a low CT for more than 4.0 consecutive hours:	0 (4)	Number of days when profiling data was not collected:	0
		Number of days when CT data was not collected:	0

Minimum disinfectant residual required leaving the plant: 0.5 mg/L, measured as Total Chlorine

Number of days with a low residual for no more than 4.0 consecutive hours:	0		
Number of days with a low residual for more than 4.0 consecutive hours:	0 (5)	Number of days when disinfectant residual leaving the plant was not properly monitored:	0

DISTRIBUTION SYSTEM

Minimum disinfectant residual required in distribution system: 0.5 mg/L, measured as Total Chlorine

Total number of readings this month:	34 (at least 31 required) (8)		
Average disinfectant residual value:	1.91	Percentage of readings with a low residual this month:	0.0 % (6A)
Number of readings with a low residual:	0		
Number of readings with no detectable residual:	0	Percentage of readings with a low residual last month:	0.0 % (6B)

ADDITIONAL REPORTS & WORKSHEETS

The Page 1 Addendum (Public Notices) is not required because there were no treatment technique or monitoring/reporting violations reported.

Additional report(s) for individual filter monitoring required:	◉ NONE	○ Filter Profile	○ Filter Assessment	○ CPE
Additional report(s) for individual filter monitoring submitted:	◉ NONE	○ Filter Profile (9)	○ Filter Assessment (10)	○ CPE (11)

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

MONTHLY TOTAL ORGANIC CARBON REMOVAL REPORT (TOCMOR)

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

PUBLIC WATER SYSTEM NAME: River Place MUD

PWS ID No.: 2270252

PLANT NAME OR NUMBER: RIVER PLACE WTP

Month: October Year: 2013

Type of treatment: [X] Conventional [ ] Unconventional explain:

Note: Systems are required to run one TOC Sample Set every month. Additional space is provided for those systems that do additional sampling

Test No.	Test Date	Monthly TOC Sample Set			Actual % TOC Removed	Step 1 Required % Removal	Step 1 Removal Ratio	Optional data		COMPLIANCE REMOVAL RATIO
		Raw Alkalinity	Raw TOC	Treated TOC				Step 2 Required % Removal	Step 2 Removal Ratio	
		Enter the Sample Set results			calculated	calculated from matrix	calculated			calculated
1	10/15	154	4.07	3.34	17.9	25	0.72			0.72
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
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18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
Avg		154.00	4.07	3.34	17.94		0.72			0.72
Max		154.00	4.07	3.34	17.94		0.72			0.72
Min		154.00	4.07	3.34	17.94		0.72			0.72

TOTAL ORGANIC CARBON (TOC) REMOVAL SUMMARY

TOC Summary: Don't forget to include a copy of your P.7-TOC ACC worksheet with your report.					Monthly Compliance Ratio
Raw Water Alkalinity	Raw Water TOC	Treated Water TOC	TOC % Removal	ACC # used	
154	4.07	3.34	17.9	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: [signature]

Certificate and Grade No.: WS0003008, A

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

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

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.

PWS ID No.: 2270252

Operator's Signature:

Report for the Month of: November 2013

Certificate No. & Grade: WS0010736, C

Date: December 4, 2013

TREATMENT PLANT PERFORMANCE

Total number of turbidity readings:	180	Number of 4-hour periods when plant was off-line:	0
Number of readings above 0.10 NTU:	1	Number of 4-hour periods when plant was on-line but turbidity data was not collected:	0
Number of readings above 0.3 NTU:	0		
Number of readings above 0.5 NTU:	0	Number of days when plant was on-line but individual filter turbidity data was not collected:	0
Number of readings above 1.0 NTU:	0		
Maximum allowable 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)

Statistical Summary				
Maximum turbidity reading:	0.11 NTU	Average turbidity value:	0.08 NTU
Minimum turbidity reading:	0.07 NTU	Standard deviation:	0.011 NTU
CFE 95th percentile value:	0.10 NTU	IFE 95th percentile:	0.306 NTU

Number of days with a low CT for no more than 4.0 consecutive hours:	0	Average log inactivation for Giardia:	2.11
		Average log inactivation for viruses:	25.36
Number of days with a low CT for more than 4.0 consecutive hours:	0 (4)	Number of days when profiling data was not collected:	0
		Number of days when CT data was not collected:	0

Minimum disinfectant residual required leaving the plant: 0.5 mg/L, measured as Total Chlorine

Number of days with a low residual for no more than 4.0 consecutive hours:	0		
Number of days with a low residual for more than 4.0 consecutive hours:	0 (5)	Number of days when disinfectant residual leaving the plant was not properly monitored:	0

DISTRIBUTION SYSTEM

Minimum disinfectant residual required in distribution system: 0.5 mg/L, measured as Total Chlorine

Total number of readings this month:	33 (at least 30 required) (8)		
Average disinfectant residual value:	2.14	Percentage of readings with a low residual this month:	0.0 % (6A)
Number of readings with a low residual:	0		
Number of readings with no detectable residual:	0	Percentage of readings with a low residual last month:	0.0 % (6B)

ADDITIONAL REPORTS & WORKSHEETS

The Page 1 Addendum (Public Notices) is not required because there were no treatment technique or monitoring/reporting violations reported.

Additional report(s) for individual filter monitoring required:	◉ NONE	○ Filter Profile	○ Filter Assessment	○ CPE
Additional report(s) for individual filter monitoring submitted:	◉ NONE	○ Filter Profile (9)	○ Filter Assessment (10)	○ CPE (11)

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

MONTHLY TOTAL ORGANIC CARBON REMOVAL REPORT (TOCMOR)

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

PUBLIC WATER SYSTEM NAME: River Place MUD

PWS ID No.: 2270252

PLANT NAME OR NUMBER: RIVER PLACE WTP

Month: November Year: 2013

Type of treatment: X Conventional ____ Unconventional explain: ____

Note: Systems are required to run one TOC Sample Set every month. Additional space is provided for those systems that do additional sampling

Test No.	Test Date	Monthly TOC Sample Set			Actual % TOC Removed	Step 1 Required % Removal	Step 1 Removal Ratio	Optional data		COMPLIANCE REMOVAL RATIO
		Raw Alkalinity	Raw TOC	Treated TOC				Step 2 Required % Removal	Step 2 Removal Ratio	
		Enter the Sample Set results			calculated	calculated from matrix	calculated			calculated
1	11/19	164	4.12	3.55	13.8	25	0.55			0.55
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
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20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
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

TOC Summary: Don't forget to include a copy of your P-7 TOC ACC worksheet with your report.					Monthly Compliance Ratio
Raw Water Alkalinity	Raw Water TOC	Treated Water TOC	TOC % Removal	ACC # used	
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.

Operator's Signature: ____ Certificate No. and Grade: WS0010736, C 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

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: _____

PLANT NAME OR NUMBER: RIVER PLACE WTP

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.

PWS ID No.: 2270252

Operator's Signature: _____

Report for the Month of: December 2013

Certificate No. & Grade: WS0010736, C

Date: January 10, 2014

TREATMENT PLANT PERFORMANCE

Total number of turbidity readings:	186	Number of 4-hour periods when plant was off-line:	0
Number of readings above 0.10 NTU:	0	Number of 4-hour periods when plant was on-line but turbidity data was not collected:	0
Number of readings above 0.3 NTU:	0		
Number of readings above 0.5 NTU:	0	Number of days when plant was on-line but individual filter turbidity data was not collected:	0
Number of readings above 1.0 NTU:	0		
Maximum allowable 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)

Statistical Summary

Maximum turbidity reading:	0.10 NTU	Average turbidity value:	0.06 NTU
Minimum turbidity reading:	0.05 NTU	Standard deviation:	0.010 NTU
CFE 95th percentile value:	0.08 NTU	IFE 95th percentile:	0.153 NTU

Number of days with a low CT for no more than 4.0 consecutive hours:	0	Average log inactivation for Giardia:	1.79
		Average log inactivation for viruses:	28.74
Number of days with a low CT for more than 4.0 consecutive hours:	0 (4)	Number of days when profiling data was not collected:	0
		Number of days when CT data was not collected:	0

Minimum disinfectant residual required leaving the plant: 0.5 mg/L, measured as Total Chlorine

Number of days with a low residual for no more than 4.0 consecutive hours:	0		
Number of days with a low residual for more than 4.0 consecutive hours:	0 (5)	Number of days when disinfectant residual leaving the plant was not properly monitored:	0

DISTRIBUTION SYSTEM

Minimum disinfectant residual required in distribution system: 0.5 mg/L, measured as Total Chlorine

Total number of readings this month:	34 (at least 31 required) (8)		
Average disinfectant residual value:	2.11	Percentage of readings with a low residual this month:	0.0 % (6A)
Number of readings with a low residual:	0		
Number of readings with no detectable residual:	0	Percentage of readings with a low residual last month:	0.0 % (6B)

ADDITIONAL REPORTS & WORKSHEETS

The Page 1 Addendum (Public Notices) is not required because there were no treatment technique or monitoring/reporting violations reported.

Additional report(s) for individual filter monitoring required:	◉ NONE	○ Filter Profile	○ Filter Assessment	○ CPE
Additional report(s) for individual filter monitoring submitted:	◉ NONE	○ Filter Profile (9)	○ Filter Assessment (10)	○ CPE (11)

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

MONTHLY TOTAL ORGANIC CARBON REMOVAL REPORT (TOCMOR)

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

PUBLIC WATER SYSTEM NAME:

PLANT NAME OR NUMBER: RIVER PLACE WTP

PWS ID No.: 2270252

Month: December Year: 2013

Type of treatment: X Conventional ☐ Unconventional explain:

Note: Systems are required to run one TOC Sample Set every month. Additional space is provided for those systems that do additional sampling

Test No.	Test Date	Monthly TOC Sample Set			Actual % TOC Removed	Step 1 Required % Removal	Step 1 Removal Ratio	Optional data		COMPLIANCE REMOVAL RATIO
		Raw Alkalinity	Raw TOC	Treated TOC				Step 2 Required % Removal	Step 2 Removal Ratio	
		Enter the Sample Set results			calculated	calculated from matrix	calculated			calculated
1	12/3	171	3.82	3.25	14.9	15	0.99			0.99
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
Avg		171.00	3.82	3.25	14.92		0.99			0.99
Max		171.00	3.82	3.25	14.92		0.99			0.99
Min		171.00	3.82	3.25	14.92		0.99			0.99

TOTAL ORGANIC CARBON (TOC) REMOVAL SUMMARY

TOC Summary - Don't forget to include A copy of your RTC TOC ACC worksheet with your report.

Raw Water Alkalinity	Raw Water TOC	Treated Water TOC	TOC % Removal	ACC # used	Monthly Compliance Ratio
171	3.82	3.25	14.9	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: 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

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

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.

PWS ID No.: 2270252

Operator's Signature:

Report for the Month of: January 2014

Certificate No. & Grade: WS0010736, C

Date: February 5, 2014

TREATMENT PLANT PERFORMANCE

Total number of turbidity readings:	186	Number of 4-hour periods when plant was off-line:	0
Number of readings above 0.10 NTU:	0	Number of 4-hour periods when plant was on-line but turbidity data was not collected:	0
Number of readings above 0.3 NTU:	0		
Number of readings above 0.5 NTU:	0	Number of days when plant was on-line but individual filter turbidity data was not collected:	0
Number of readings above 1.0 NTU:	0		
Maximum allowable 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)

Statistical Summary

Maximum turbidity reading:	0.10 NTU	Average turbidity value:	0.07 NTU
Minimum turbidity reading:	0.05 NTU	Standard deviation:	0.011 NTU
CFE 95th percentile value:	0.09 NTU	IFE 95th percentile:	0.120 NTU

Number of days with a low CT for no more than 4.0 consecutive hours:	0	Average log inactivation for Giardia:	2.03
		Average log inactivation for viruses:	33.00
Number of days with a low CT for more than 4.0 consecutive hours:	0 (4)	Number of days when profiling data was not collected:	0
		Number of days when CT data was not collected:	0

Minimum disinfectant residual required leaving the plant: 0.5 mg/L, measured as Total Chlorine

Number of days with a low residual for no more than 4.0 consecutive hours:	0		
Number of days with a low residual for more than 4.0 consecutive hours:	0 (5)	Number of days when disinfectant residual leaving the plant was not properly monitored:	0

DISTRIBUTION SYSTEM

Minimum disinfectant residual required in distribution system: 0.5 mg/L, measured as Total Chlorine

Total number of readings this month:	34 (at least 31 required) (8)		
Average disinfectant residual value:	2.50	Percentage of readings with a low residual this month:	0.0 % (6A)
Number of readings with a low residual:	0		
Number of readings with no detectable residual:	0	Percentage of readings with a low residual last month:	0.0 % (6B)

ADDITIONAL REPORTS & WORKSHEETS

The Page 1 Addendum (Public Notices) is not required because there were no treatment technique or monitoring/reporting violations reported.

Additional report(s) for individual filter monitoring required: ◉ NONE ○ Filter Profile ○ Filter Assessment ○ CPE

Additional report(s) for individual filter monitoring submitted: ◉ NONE ○ Filter Profile (9) ○ Filter Assessment (10) ○ CPE (11)

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

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 (cont.)

Turbidity Data Page

PUBLIC WATER SYSTEM NAME: River Place MUD

PLANT NAME OR NUMBER: RIVER PLACE WTP

PWS ID No.: 2270252

Connections: 1,013

Month: January Year: 2014

Population: 3,039

PERFORMANCE DATA

Date	Raw Water Pumpage (MGD)	Treated Water Pumpage (MGD)	RAW WATER ANALYSES NTU	RAW WATER ANALYSES Alk.	SETTLED WATER TURBIDITY (Mandatory Data) Basin No. 1	2	3	4	5	6	FINISHED WATER QUALITY Turbidity NTU1	NTU2	NTU3	NTU4	NTU5	NTU6	Lowest Residual	Time*
1	0.777	0.783	9	174	3 1	1.1					0.06	0.06	0.06	0 06	0.06	0.06	2.8	
2	0.420	0.407	4	162	2.4	1 5					0.06	0.06	0.06	0.06	0.06	0 06	2.8	
3	0.563	0.529	6	178	5.2	1 9					0.05	0.05	0.05	0 05	0 05	0.05	2.8	
4	0.495	0.496	4	174	2 6	1 1					0.05	0.05	0 05	0 05	0.06	0.06	2.6	
5	0 296	0.307	4	162	2 8	1.1					0.05	0 06	0.05	0.06	0.06	0.06	3.7	
6	0 544	0.544	4	159	3 9	1 2					0 06	0.06	0.06	0.06	0.06	0.06	3 7	
7	0.609	0.567	11	162	5.3	2 1					0.06	0 06	0 06	0.06	0.06	0.06	2.8	
8	0.620	0 603	5	161	2.4	1.3					0 06	0.06	0.06	0 06	0 07	0 07	1.3	
9	0 302	0.294	7	176	1.7	0.7					0.06	0.06	0.06	0.06	0 06	0 06	1.3	
10	0 361	0.362	6	189	2.6	1.0					0 06	0.06	0.06	0 06	0 06	0 06	2 5	
11	0.508	0.480	6	164	4.4	1.5					0.06	0 06	0 06	0.06	0.06	0 06	2.5	
12	0 487	0.493	6	170	2.4	1 3					0 06	0.06	0.06	0.06	0.06	0.06	2.4	
13	0.361	0.336	6	173	2 8	1 5					0 06	0 06	0.06	0.06	0.06	0.06	2.4	
14	0.627	0.614	5	161	3.7	1.5					0 06	0 06	0 06	0.06	0.06	0.06	2.4	
15	0.676	0.670	4	165	3.0	1 3					0 06	0 06	0 06	0.06	0.06	0 06	1.9	
16	0.550	0.517	4	172	4.4	0.9					0 06	0 06	0.06	0.06	0 06	0.06	2.6	
17	0.464	0.474	4	169	4.7	1 7					0.06	0.06	0.06	0 06	0.06	0 06	2.9	
18	0.501	0.507	4	181	1.8	0.9					0.06	0.06	0 06	0.06	0.06	0.06	2.6	
19	0.406	0.408	4	174	2.0	1.7					0.06	0.06	0 06	0.07	0.06	0.06	2 6	
20	0.513	0.532	4	182	4.1	1 5					0.06	0 06	0 06	0.06	0.06	0.06	2 1	
21	0 662	0.603	5	175	4.1	1.6					0.06	0.06	0.06	0.06	0.06	0.06	2 5	
22	0.827	0.801	8	189	3.3	1.1					0.06	0.06	0 06	0.06	0.06	0 06	2 6	
23	0.435	0.445	7	161	1.7	1.0					0.06	0.06	0 06	0.06	0.07	0.07	2.7	
24	0 439	0.400	6	163	1.7	1.3					0.07	0 07	0.07	0.07	0.07	0 07	2 7	
25	0.466	0.438	6	164	1.8	1.2					0.07	0 07	0.07	0 07	0 07	0.07	2.1	
26	0.639	0.586	5	167	3.8	1.4					0 08	0.08	0.08	0.08	0.08	0.08	2 8	
27	0.417	0 357	7	171	3 0	1.4					0.08	0.08	0.08	0 08	0.08	0.08	2.7	
28	0.536	0.525	7	169	3.3	1.4					0.08	0.09	0.09	0 09	0 09	0.09	1 0	
29	0.680	0.723	14	162	1 2	1.3					0 09	0.09	0.09	0.09	0.09	0.09	0 5	
30	0.571	0.502	8	166	1.1	0.8					0.09	0.09	0.09	0.09	0.09	0.08	2.8	
31	0 475	0 482	3	164	1.3	0.7					0 08	0.08	0.08	0 10	0.08	0.08	2.6	
Total	16.227	15 785																
Avg	0.523	0 509																
Max	0 827	0 801																
Min	0.296	0 294																

NOTE: ONLY use the "Time*" column to show the length of time that the disinfectant residual entering the distribution system fell below the acceptable level.

SUBMITTED BY: Certificate No. and Grade: WS0010736, C Date: February 5, 2014

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 (cont.)

Filter Data Page

PUBLIC WATER SYSTEM NAME: River Place MUD

PWS ID No.: 2270252

PLANT NAME OR NUMBER: RIVER PLACE WTP

Month: January Year: 2014

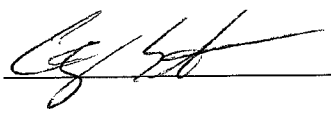
PERFORMANCE DATA

INDIVIDUAL FILTER TURBIDITY

Date	Filter No. 1		Filter No. 2		Filter No. 3		Filter No. 4		Filter No. 5		Filter No. 6		Filter No. 7		Filter No. 8		Filter No. 9		Filter No. 10	
	Max	4 Hrs	Max	4 Hrs	Max	4 Hrs	Max	4 Hrs	Max	4 Hrs	Max	4 Hrs	Max	4 Hrs	Max	4 Hrs	Max	4 Hrs	Max	4 Hrs
1	0.03		0.04		0.04		0 04		0 07											
2	0 03		0 04		0.04		0.04		0 07											
3	0.03		0.04		0.05		0.07		0 10											
4	0.05		0.05		0.05		0 05		0 08											
5	0 02		0.03		0 02		0.03		0.07											
6	0 05		0.07		0.12		0.04		0 08											
7	0 06		0.07		0.07		0.04		0.08											
8	0 09		0 04		0 04		0.05		0 08											
9	0.04		0 17		0.04		0.05		0.08											
10	0 07		0 05		0 04		0.05		0.08											
11	0.05		0.05		0.05		0 08		0 10											
12	0.03		0.04		0 04		0 07		0.10											
13	0 07		0.04		0.04		0.06		0.10											
14	0.04		0.05		0.09		0 06		0.10											
15	0 05		0 05		0.05		0.06		0.09											
16	0.04		0.05		0.04		0 08		0.10											
17	0 04		0 05		0 04		0.06		0.10											
18	0.06		0 06		0.04		0 06		0 10											
19	0.04		0 06		0.04		0.05		0.09											
20	0.40		0.70		0.04		0 05		0.09											
21	0.04		0.12		0 10		0.06		0.09											
22	0.04		0.06		0.06		0.08		0 12											
23	0.05		0 06		0.06		0 08		0.11											
24	0 06		0.07		0 10		0.08		0.11											
25	0.05		0.06		0.08		0 07		0.11											
26	0.09		0.13		0 09		0.10		0.12											
27	0.48		0.41		0.12		0.10		0.12											
28	0.06		0.07		0.20		0 09		0.12											
29	0 06		0.06		0.07		0.08		0.11											
30	0.03		0 04		0.05		0.08		0 10											
31	0 02		0 04		0 04		0.10		0.10											

SUMMARY & COMPLIANCE ACTIONS

Criteria	Filter No. 1	2	3	4	5	6	7	8	9	10	Plant
Number of days with event(s) above 0.5 NTU at 4.0 hrs this month											
Number of days with event(s) above 1.0 NTU this month	0	0	0	0	0						
Number of days with event(s) above 1.0 NTU last month	0	0	0	0	0						
Number of days with event(s) above 1.0 NTU two months ago	0	0	0	0	0						
Total number of days with event(s) above 1.0 NTU in three months	0	0	0	0	0						
Number of days with event(s) above 2.0 NTU this month											0
Number of days with event(s) above 2.0 NTU last month											0
Does the filter/plant have an approved Corrective Action Plan?	N	N	N	N	N						N
Is the plant required to submit a Filter Profile Report?	N	N	N	N	N						
Is the plant required to submit a Filter Assessment Report?	N	N	N	N	N						
Is the plant required to submit a Request for Compliance CPE?											N

SUBMITTED BY: 

Certificate No. and Grade: WS0010736, C

Date: February 5, 2014

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 (cont.)
Disinfection Data Page

PUBLIC WATER SYSTEM NAME: River Place MUD
PLANT NAME OR NUMBER: RIVER PLACE WTP
PWS ID No.: 2270252
Month: January Year: 2014

DISINFECTION PROCESS PARAMETERS

APPROVED CT STUDY PARAMETERS						PERFORMANCE STANDARDS	
	Disinfection Zones					Log Inactivations	
Parameters	D1	D2	D3	D4	D5	Giardia lamblia Cysts	Viruses
Flow Rate (MGD)	2.290	0.916	5.760			0.5	2.0
T_{10} (minutes)	40.4	8.4	111.8				

PERFORMANCE DATA

DISINFECTION PROCESS DATA

Date	Disinfectant	C (mg/L)	Flow (MGD)	Temp (°C)	pH	Giardia Log	Virus Log	Inact. Ratio	Time
1	FCL *D1*	0.0	2.398	13.5	7.6				
	FCL *D2*	2.3	0.479	13.0	7.5				
	CLA *D3*	3.4	3.540	15.2	7.5	2.22	36.56	4.44	
	D4							(G)	
	D5								
2	FCL *D1*	0.0	2.405	12.8	7.7				
	FCL *D2*	1.8	0.481	12.6	7.6				
	CLA *D3*	3.7	3.543	15.1	7.5	2.11	28.66	4.22	
	D4							(G)	
	D5								
3	FCL *D1*	0.0	2.422	12.1	7.8				
	FCL *D2*	2.0	0.484	11.7	7.6				
	CLA *D3*	3.3	3.539	14.2	7.4	1.92	29.10	3.84	
	D4							(G)	
	D5								
4	FCL *D1*	0.0	2.412	14.5	7.7				
	FCL *D2*	1.2	0.482	14.6	7.5				
	CLA *D3*	3.6	3.510	15.7	7.4	2.02	22.72	4.04	
	D4							(G)	
	D5								
5	FCL *D1*	0.0	2.423	12.1	7.7				
	FCL *D2*	1.8	0.484	12.5	7.6				
	CLA *D3*	3.3	3.352	14.3	7.5	1.97	27.98	3.95	
	D4							(G)	
	D5								
6	FCL *D1*	0.0	2.421	9.8	7.7				
	FCL *D2*	2.0	0.484	10.0	7.6				
	CLA *D3*	3.1	3.520	13.1	7.4	1.72	25.83	3.44	
	D4							(G)	
	D5								
7	FCL *D1*	0.0	2.415	11.6	7.7				
	FCL *D2*	2.1	0.429	11.8	7.7				
	CLA *D3*	2.9	3.539	11.6	7.7	1.76	33.50	3.53	
	D4							(G)	
	D5								
8	FCL *D1*	0.0	2.410	11.8	7.6				
	FCL *D2*	0.7	0.482	11.9	7.5				
	CLA *D3*	3.3	3.506	14.0	7.5	1.51	12.07	3.01	
	D4							(G)	
	D5								

PERFORMANCE DATA

DISINFECTION PROCESS DATA

Date	Disinfectant	C (mg/L)	Flow (MGD)	Temp (°C)	pH	Giardia Log	Virus Log	Inact. Ratio	Time
9	FCL *D1*	0.0	2.437	17.8	7.8				
	FCL *D2*	2.5	0.487	18.5	7.6				
	CLA *D3*	3.0	3.524	15.0	7.5	2.51	55.21	5.02	
	D4							(G)	
	D5								
10	FCL *D1*	0.0	2.394	14.9	7.6				
	FCL *D2*	2.2	0.479	15.3	7.6				
	CLA *D3*	3.3	3.549	17.7	7.4	2.43	41.10	4.87	
	D4							(G)	
	D5								
11	FCL *D1*	0.0	2.374	13.8	7.8				
	FCL *D2*	1.6	0.475	13.8	7.8				
	CLA *D3*	3.4	3.530	18.3	7.4	2.18	28.58	4.36	
	D4							(G)	
	D5								
12	FCL *D1*	0.0	2.424	12.0	7.7				
	FCL *D2*	2.0	0.485	12.5	7.7				
	CLA *D3*	3.1	3.552	13.0	7.6	1.80	30.19	3.60	
	D4							(G)	
	D5								
13	FCL *D1*	0.0	2.385	14.7	7.7				
	FCL *D2*	1.9	0.477	14.7	7.5				
	CLA *D3*	2.9	3.540	19.4	7.5	2.28	34.73	4.57	
	D4							(G)	
	D5								
14	FCL *D1*	0.0	2.434	13.3	7.7				
	FCL *D2*	2.4	0.487	13.6	7.7				
	CLA *D3*	2.7	3.542	15.3	7.6	1.94	38.33	3.89	
	D4							(G)	
	D5								
15	FCL *D1*	0.0	2.414	13.1	7.7				
	FCL *D2*	1.8	0.483	12.8	7.7				
	CLA *D3*	3.1	3.539	15.6	7.5	1.89	28.49	3.79	
	D4							(G)	
	D5								
16	FCL *D1*	0.0	2.416	12.2	7.7				
	FCL *D2*	2.1	0.483	12.3	7.7				
	CLA *D3*	3.1	3.564	13.8	7.6	1.85	31.42	3.71	
	D4							(G)	
	D5								

NOTE: = ONLY use the "Time=" column to show the length of time that the total inactivation ratio was less than 1.00.

SUBMITTED BY: Certificate No. and Grade: WS0010736, C Date: February 5, 2014

COA Resp to PUC RFI-1023