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## Exhibit D

## Schedule 8

## System-Wide cost Functionalization - Composite

	2014	% Base	% Extra	% Cust	Base Costs	Extra Costs	Customer Costs	Notes
16313 • General Manager - Operating	0				0	0	0	
16314 • Bookkeeping - Operating	47,290				0	0	0	
16315 • Financial Manager - Operating	62,569				0	0	0	
16316 • Auditor - Operating	23,613				0	0	0	
16317 • General Counsel-Litigation	0				0	0	0	
Special Contract Services	0				0	0	0	
16322 • Rate Study - Special Contract	26,237				0	0	0	
16323 • Inspections/Plan Review-Special	0				0	0	0	
16323 • Inspections/Plan Review-Special - Other	0				0	0	0	
16324 • Other Engineering Analyses-Spec	5,247				0	0	0	
Transitional Support Services	0				0	0	0	
16301 • General Counsel - Transitional	0				0	0	0	
16302 • Engineering - Transitional	0				0	0	0	
630201 • Task 22 - SER Activities	0				0	0	0	
16302 • Engineering - Transitional - Other	0				0	0	0	
16303 • General Manager - Transitional	0				0	0	0	
16304 • Bookkeeping - Transitional	0				0	0	0	
16305 • Financial Manager -Transitional	0				0	0	0	
16306 • Misc - Transitional	0				0	0	0	
16307 • Auditor	0				0	0	0	
16331 • Inventory Purchases Not Funded	0				0	0	0	
16332 • Leak Detection Program	37,500	46%	54%		17,229	20,271	0	
16333 • SCADA Control System Maintenance	100,000	46%	54%		45,944	54,056	0	
16335 • Tools & Shop Supplies	0	46%	54%		0	0	0	
16336 • Computer Maintenance & Repair	17,631				0	0	0	
16338 • Janitor/Contract Labor	1,413				0	0	0	
16339 • Office Data & Supplies	15,742				0	0	0	
16340 • Membership & Dues	9,183				0	0	0	
16341 • Utilities - Office & Outside Fa	1,377				0	0	0	
16342 • Conservation Education & Enforc	0	46%	54%		0	0	0	
16343 • Insurance - General	68,704	46%	54%		31,565	37,139	0	
16344 • Bank Charges	387				0	0	0	
16345 • Misc. Operating Expense	2,442	46%	54%		1,122	1,320	0	
16347 • Lease Expense	35,371				0	0	0	
16410 • Salaries	262,126				0	0	0	
16420 • FICA and Benefits	89,739				0	0	0	
16560 • Miscellaneous Expense	52,135	46%	54%		23,953	28,182	0	
17110 • Capital Outlay	0	46%	54%		0	0	0	
<b>Total O&amp;M Expense</b>	<b>4,798,227</b>				<b>1,500,297</b>	<b>1,041,158</b>	<b>0</b>	
<b>Annual Debt Service</b>								
Wholesale Customer Debt Service and Times Coverage - Wat	0	46%	54%		0	0	0	
Wholesale Customer Debt Service and Times Coverage - Wast	0				0	0	0	
Effluent Debt Service and Times Coverage	0				0	0	0	
Retail Customer Regional Facilities Debt Service and Times C	0	46%	54%		0	0	0	
Retail Customer Non-Regional Facilities Debt Service and Tin	0				0	0	0	
	0				0	0	0	
<b>TOTAL ANNUAL EXPENSE</b>	<b>4,798,227</b>				<b>1,500,297</b>	<b>1,041,158</b>	<b>0</b>	
<b>Income</b>								
<b>(1) Water Department - Revenue</b>								
<b>14100 • Retail Revenues - Water</b>								
14101 • Minimum Bill Revenues (W)	0				0	0	0	
14102 • Volumetric Revenues (W)	0				0	0	0	
14103 • Application Fee (W)	0				0	0	0	
14104 • Tap Fees (W)	0				0	0	0	
14105 • Late Fee (W)	0				0	0	0	

## Schedule 8

## System-Wide cost Functionalization - Composite

	2014	"a" Base	"a" Extra	"a" Cust	Base Costs	Extra Costs	Customer Costs	Notes
14106 • Return Check Fee (W)	0				0	0	0	
14107 • Inspection Fee (W)	0				0	0	0	
14108 • Inquiry Fee	0				0	0	0	
14110 • Wholesale Revenues - (WSW)	0				0	0	0	
14111 • Minimum Bill Revenues (WSW)	0				0	0	0	
14112 • Volumetric Revenues (WSW)	0				0	0	0	
14120 • Other Revenues (W)	0				0	0	0	
14121 • LUE Reservation Fees System-wide offset	0				0	0	0	
LUE Reservation Fees - Retail Off-Set	0				0	0	0	
LUE Reservation Fees - System Wide Off-Set	83,088				0	0	0	
14122 • Irrigation Customer Sales (W)	0				0	0	0	
14123 • Meter Set Fee (W)	0				0	0	0	
14124 • Connection Fees	0				0	0	0	
14125 • Billing Services (W)	0				0	0	0	
14126 • Drainage Fees	30				0	0	0	
(2) Wastewater Department - Rev	0				0	0	0	
14200 • Retail & Wholesale Revenues (WW)	0				0	0	0	
14201 • Minimum Bill/Volumetric Rev (WW)	0				0	0	0	
Wholesale Minimum Bill	0				0	0	0	
Wholesale Volumetric Rate	0				0	0	0	
Application Fees	0				0	0	0	
14204 • Tap Fee (WW)	0				0	0	0	
SER Fees	26,067				0	0	0	
Late Fees	0				0	0	0	
Returned Check Fees	0				0	0	0	
Inspection Fees	0				0	0	0	
14220 • Other Revenues (WW)	0				0	0	0	
14221 • Grinder Pump Surcharge (WW)	0				0	0	0	
14222 • Billing Services (WW)	0				0	0	0	
(3) Shared Department - Revenue	0				0	0	0	
14300 • Shared Department	0				0	0	0	
14304 • Interest Earned on Checking	0				0	0	0	
Total Income	109,185				0	0	0	
TOTAL REVENUE REQUIREMENT	\$ 4,689,041				\$ 1,500,297	\$ 1,041,158	\$ -	
					59%	41%	0%	

Base-Extra  
Composite

46% 54%

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West Travis county Public Utility Agency  
FYE2014 Rate Study

Schedule 9  
System-Wide cost Functionalization - FYE2014

	2014	% Base	% F&O	% COST	Base Costs	F&O Costs	CUSTOMER Costs	Notes
Expense								
(1) Water Department - Expense								
16100 - LCRA Raw Water Reservation Fees								
16101 - LCRA - Raw Water Used (W)	0	100%			0	0	0	
16102 - LCRA - Raw Water Reservation (W)	0	100%			0	0	0	
16110 - Contract Operations - Water	0				0	0	0	
16111 - Base Fee for Services (W)	859,805	46%	54%		395,025	464,780	0	
16112 - Maintenance & Repairs (W)	0	46%	54%		0	0	0	
System Wide	481,470	46%	54%		221,204	260,266	0	
Distribution System	0				0	0	0	
Preventative Maintenance - Plant	40,000	46%	54%		18,377	21,623	0	
Preventative Maintenance - Distribution System	0	46%	54%		0	0	0	
16113 - Customer Service (W)	0			100%	0	0	0	
16114 - Engineering/ Const Fees (W)	34,000	46%	54%		15,621	18,379	0	
16120 - Material & Supplies (W)	0	46%	54%		0	0	0	
16130 - Chemicals (W)	281,956	100%			281,956	0	0	
Sludge Removal	333,444	100%			333,444	0	0	
16150 - Outside Services (W)	0	46%	54%		0	0	0	
16160 - Utilities - Electric (W)	1,286,437	100%			1,286,437	0	0	
16170 - Utilities - Telephone (W)	18,204	59%	41%	0%	10,746	7,458	0	Composite
16180 - Environmental Regulatory Fee(W)	0	46%	54%		0	0	0	
16190 - Other Expenses (W)	250,000	46%	54%		114,859	135,141	0	
(2) Wastewater Department - Exp	0				0	0	0	
16200 - Contract Operations-Wastewater	0				0	0	0	
16201 - Base Fee for Services (WW)	0				0	0	0	
16202 - Maintenance & Repairs (WW)	0				0	0	0	
Lakepoint WWTP	0				0	0	0	
Bohl's WWTP	0				0	0	0	
Lift Station #14	0				0	0	0	
Other Lift Stations	0				0	0	0	
Collection System Maintenance	0				0	0	0	
Preventative Maintenance - Plant	0				0	0	0	
Preventative Maintenance - Collection System	0				0	0	0	
I&I Study and Maintenance	0				0	0	0	
Industrial Pre Treatment Program	0				0	0	0	
16203 - Customer Services (WW)	0				0	0	0	
16210 - Materials & Supplies (WW)	0				0	0	0	
16214 - Engineering/ Const Fees (W)	0				0	0	0	
Bohl's Irrigation	0				0	0	0	
16220 - Chemicals (WW)	0				0	0	0	
16230 - Sludge Disposal (WW)	0				0	0	0	
16240 - Utilities - Electric (WW)	0				0	0	0	
Lakepoint WWTP	0				0	0	0	
Lift Station #14	0				0	0	0	
Remaining WW Electric	0				0	0	0	
16250 - Utilities - Telephone (WW)	0				0	0	0	
16260 - Environmental Regulatory Fe(WW)	0				0	0	0	
16270 - Other Expense (WW)	0				0	0	0	
16280 - Utilities - Gas (WW)	0				0	0	0	
16330 - Special Programs	0	46%	54%		0	0	0	
(3) Shared Department - Expense	0				0	0	0	
16300 - Professional Services	0				0	0	0	
General Operating	0				0	0	0	
16311 - General Counsel - Operating	262,372	59%	41%	0%	154,886	107,486	0	Composite
16312 - Engineering - Operating	91,832	59%	41%	0%	54,211	37,621	0	Composite
16313 - General Manager - Operating	0				0	0	0	
16314 - Bookkeeping - Operating	47,290	59%	41%	0%	27,917	19,373	0	Composite
16315 - Financial Manager - Operating	62,569	59%	41%	0%	36,936	25,633	0	
16316 - Auditor - Operating	23,613	59%	41%	0%	13,940	9,674	0	
16317 - General Counsel-Litigation	0	59%	41%	0%	0	0	0	
Special Contract Services	0	59%	41%	0%	0	0	0	
16322 - Rate Study - Special Contract	26,237	59%	41%	0%	15,489	10,749	0	
16323 - Inspections/Plan Review-Special	0	59%	41%	0%	0	0	0	
16323 - Inspections/Plan Review-Special - Other	0	59%	41%	0%	0	0	0	
16324 - Other Engineering Analyses-Spec	5,247	59%	41%	0%	3,098	2,150	0	
Transitional Support Services	0				0	0	0	
16301 - General Counsel - Transitional	0				0	0	0	
16302 - Engineering - Transitional	0				0	0	0	
630201 - Task 22 - SER Activities	0				0	0	0	
16302 - Engineering - Transitional - Other	0				0	0	0	
16303 - General Manager - Transitional	0				0	0	0	
16304 - Bookkeeping - Transitional	0				0	0	0	

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## Exhibit D

West Travis county Public Utility Agency  
FYE2014 Rate StudySchedule 9  
System-Wide cost Functionalization - FYE2014

	2014	% Base	% Fixed	% Cost	Base Costs	Fixed Costs	Customer Costs	
16305 - Financial Manager -Transitional	0				0	0	0	
16306 - Misc - Transitional	0				0	0	0	
16307 - Auditor	0				0	0	0	
16331 - Inventory Purchases Not Funded	0				0	0	0	
16332 - Leak Detection Program	37,500	46%	54%		17,229	20,271	0	
16333 - SCADA Control System Maintenance	100,000	46%	54%		45,944	54,056	0	
16335 - Tools & Shop Supplies	0	46%	54%		0	0	0	
16336 - Computer Maintenance & Repair	17,631	59%	41%	0%	10,408	7,223	0	
16338 - Janitor/Contract Labor	1,413	59%	41%		834	579	0	
16339 - Office Data & Supplies	15,742	59%	41%	0%	9,293	6,449	0	
16340 - Membership & Dues	9,183	59%	41%	0%	5,421	3,762	0	
16341 - Utilities - Office & Outside Fu	1,377	46%	54%		633	744	0	
16342 - Conservation Education & Enforc	0	46%	54%		0	0	0	
16343 - Insurance - General	68,704	46%	54%		31,565	37,139	0	
16344 - Bank Charges	387	59%	41%	0%	228	158	0	
16345 - Misc. Operating Expense	2,442	46%	54%		1,122	1,320	0	
16347 - Lease Expense	35,371	59%	41%	0%	20,881	14,490	0	
16410 - Salaries	262,126	59%	41%	0%	154,741	107,385	0	
16420 - FICA and Benefits	89,739	59%	41%	0%	52,976	36,764	0	
16560 - Miscellaneous Expense	52,135	59%	41%	0%	30,777	21,358	0	
17110 - Capital Outlay	0	46%	54%		0	0	0	
Total O&M Expense	4,798,227				3,366,196	1,432,031	0	
Annual Debt Service								
Wholesale Customer Debt Service and Times Coverage - Water	0	46%	54%		0	0	0	
Wholesale Customer Debt Service and Times Coverage - Waste	0				0	0	0	
Effluent Debt Service and Times Coverage	0				0	0	0	
Retail Customer Regional Facilities Debt Service and Times Co	0	46%	54%		0	0	0	
Retail Customer Non-Regional Facilities Debt Service and Tim	0				0	0	0	
TOTAL ANNUAL EXPENSE	4,798,227				3,366,196	1,432,031	0	
Income								
(1) Water Department - Revenue								
14100 - Retail Revenues - Water								
14101 - Minimum Bill Revenues (W)	0				0	0	0	
14102 - Volumetric Revenues (W)	0				0	0	0	
14103 - Application Fee (W)	0				0	0	0	
14104 - Tap Fees (W)	0				0	0	0	
14105 - Late Fee (W)	0				0	0	0	
14106 - Return Check Fee (W)	0				0	0	0	
14107 - Inspection Fee (W)	0				0	0	0	
14108 - Inquiry Fee	0				0	0	0	
14110 - Wholesale Revenues - (WSW)	0				0	0	0	
14111 - Minimum Bill Revenues (WSW)	0				0	0	0	
14112 - Volumetric Revenues (WSW)	0				0	0	0	
14120 - Other Revenues (W)	0				0	0	0	
14121 - LUE Reservation Fees System-wide offset	0	70%	30%	0%	0	0	0	
LUE Reservation Fees - Retail Off-Set	0	70%	30%	0%	0	0	0	
LUE Reservation Fees - System Wide Off-set	83,088	70%	30%	0%	58,290	24,798	0	
14122 - Irrigation Customer Sales (W)	0				0	0	0	
14123 - Meter Set Fee (W)	0				0	0	0	
14124 - Connection Fees	0				0	0	0	
14125 - Billing Services (W)	0				0	0	0	
14126 - Drainage Fees	30	70%	30%	0%	21	9	0	
(2) Wastewater Department - Rev								
14200 - Retail & Wholesale Revenues (WW)	0				0	0	0	
14201 - Minimum Bill/Volumetric Rev (WW)	0				0	0	0	
Wholesale Minimum Bill	0				0	0	0	
Wholesale Volumetric Rate	0				0	0	0	
Application Fees	0				0	0	0	
14204 - Tap Fee (WW)	0				0	0	0	
SER Fees	26,067	59%	41%	0%	15,388	10,679	0	Allocated on same basis as salaries.
Late Fees	0				0	0	0	
Returned Check Fees	0				0	0	0	
Inspection Fees	0				0	0	0	
14220 - Other Revenues (WW)	0				0	0	0	
14221 - Grinder Pump Surchage (WW)	0				0	0	0	
14222 - Billing Services (WW)	0				0	0	0	
(3) Shared Department - Revenue								
14300 - Shared Department	0				0	0	0	
14304 - Interest Earned on Checking	0	70%	30%	0%	0	0	0	
Total Income	109,185				73,700	35,486	0	

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West Travis county Public Utility Agency  
FYE2014 Rate Study

Schedule 9  
System-Wide cost Functionalization - FYE2014

	2014	% Base	% Extra	% Cost	Base Costs	Extra Costs	Customer Costs	Notes
<b>TOTAL REVENUE REQUIREMENT</b>	<b>\$ 4,689,041</b>				<b>\$ 3,292,496</b>	<b>\$ 1,396,546</b>	<b>\$ -</b>	
	TRUE				TRUE			
Base-Extra		46%	54%					
Composite		59%	41%	0%				
Expense Composite		70%	30%	0%				

West Travis county Public Utility Agency  
FYE2014 Rate Study

## Schedule 10

## Retail Only Cost Functionalization - FYE2014

	2014	% Base	% Extra	% Cost	Base Costs	Extra Costs	Customer Costs	Notes
<b>Expense</b>								
<b>(1) Water Department - Expense</b>								
16100 • LCRA Raw Water Reservation Fees								
16101 • LCRA - Raw Water Used (W)	804,594	100%			804,594	0	0	
16102 • LCRA - Raw Water Reservation(W)	492,776	100%			492,776	0	0	
16110 • Contract Operations - Water					0	0	0	
16111 • Base Fee for Services (W)	0	46%	54%		0	0	0	
16112 • Maintenance & Repairs (W)	0	46%	54%		0	0	0	
System Wide	0	46%	54%		0	0	0	
								Allocation for tap fees, connection fees, etc
Distribution System	591,401	23%	27%	50%	135,855	159,845	295,701	
Preventative Maintenance - Plant	0	46%	54%		0	0	0	
Preventative Maintenance - Distribution System	30,000	46%	54%		13,783	16,217	0	
16113 • Customer Service (W)	358,527			100%	0	0	358,527	
16114 • Engineering/ Const Fees (W)	0	46%	54%		0	0	0	
16120 • Material & Supplies (W)	0	46%	54%		0	0	0	
16130 • Chemicals (W)	0	100%			0	0	0	
Sludge Removal	0	100%			0	0	0	
16150 • Outside Services (W)	0	46%	54%		0	0	0	
16160 • Utilities - Electric (W)	0	100%			0	0	0	
16170 • Utilities - Telephone (W)	0	59%	41%	0%	0	0	0	Composite
16180 • Environmental Regulatory Fee(W)	0	46%	54%		0	0	0	
16190 • Other Expenses (W)	0	46%	54%		0	0	0	
<b>(2) Wastewater Department - Exp</b>								
16200 • Contract Operations-Wastewater	0				0	0	0	
16201 • Base Fee for Services (WW)	0				0	0	0	
16202 • Maintenance & Repairs (WW)	0				0	0	0	
Lakepoint WWTP Maintenance	0				0	0	0	
Bohl's WWTP Maintenance	0				0	0	0	
Lift Station #14 Maintenance	0				0	0	0	
Other Lift Station Maintenance	0				0	0	0	
Collection System Maintenance	0				0	0	0	
Preventative Maintenance - Plant	0				0	0	0	
Preventative Maintenance - Collection System	0				0	0	0	
I&I Study and Maintenance	0				0	0	0	
Industrial Pre Treatment Program	0				0	0	0	
16203 • Customer Services (WW)	0				0	0	0	
16210 • Materials & Supplies (WW)	0				0	0	0	
16214 • Engineering/ Const Fees (W)	0				0	0	0	
Bohl's Irrigation	0				0	0	0	
16220 • Chemicals (WW)	0				0	0	0	
16230 • Sludge Disposal (WW)	0				0	0	0	
16240 • Utilities - Electric (WW)	0				0	0	0	
Lakepointe WWTP	0				0	0	0	
Lift Station #14	0				0	0	0	
Remaining WW Electric	0				0	0	0	
16250 • Utilities - Telephone (WW)	0				0	0	0	
16260 • Environmental Regulatory Fe(WW)	0				0	0	0	
16270 • Other Expense (WW)	0				0	0	0	
16280 • Utilities - Gas (WW)	0				0	0	0	
16330 • Special Programs	0	46%	54%		0	0	0	
<b>(3) Shared Department - Expense</b>								
16300 • Professional Services	0				0	0	0	
General Operating	0				0	0	0	

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## Exhibit D

## Schedule 10

## Retail Only Cost Functionalization - FYE2014

	2014	W	W	W	Basic Costs	Fixed Costs	Customer Costs	Notes
		Base	Fixed	Cost				
16311 • General Counsel - Operating	127,474	59%	41%	0%	75,252	52,222	0	Composite
16312 • Engineering - Operating	44,617	59%	41%	0%	26,339	18,278	0	Composite
16313 • General Manager - Operating	0				0	0	0	
16314 • Bookkeeping - Operating	22,976	59%	41%	0%	13,564	9,413	0	Composite
16315 • Financial Manager - Operating	30,399	59%	41%	0%	17,946	12,454	0	
16316 • Auditor - Operating	11,473	59%	41%	0%	6,773	4,700	0	
16317 • General Counsel-Litigation	0	59%	41%	0%	0	0	0	
Special Contract Services	0	59%	41%	0%	0	0	0	
16322 • Rate Study - Special Contract	12,747	59%	41%	0%	7,525	5,222	0	
16323 • Inspections/Plan Review-Special	0	59%	41%	0%	0	0	0	
16323 • Inspections/Plan Review-Special - Other	0	59%	41%	0%	0	0	0	
16324 • Other Engineering Analyses-Spec	2,549	59%	41%	0%	1,505	1,044	0	
Transitional Support Services	0				0	0	0	
16301 • General Counsel - Transitional	0				0	0	0	
16302 • Engineering - Transitional	0				0	0	0	
630201 • Task 22 - SER Activities	0				0	0	0	
16302 • Engineering - Transitional - Other	0				0	0	0	
16303 • General Manager - Transitional	0				0	0	0	
16304 • Bookkeeping - Transitional	0				0	0	0	
16305 • Financial Manager -Transitional	0				0	0	0	
16306 • Misc - Transitional	0				0	0	0	
16307 • Auditor	0				0	0	0	
16331 • Inventory Purchases Not Funded	100,000			100%	0	0	100,000	
16332 • Leak Detection Program	37,500	46%	54%		17,229	20,271	0	
16333 • SCADA Control System Maintenance	0	46%	54%		0	0	0	
16335 • Tools & Shop Supplies	0	46%	54%		0	0	0	
16336 • Computer Maintenance & Repair	8,566	59%	41%	0%	5,057	3,509	0	
16338 • Janitor/Contract Labor	687	59%	41%	0%	405	281	0	
16339 • Office Data & Supplies	7,648	59%	41%	0%	4,515	3,133	0	
16340 • Membership & Dues	4,462	59%	41%	0%	2,634	1,828	0	
16341 • Utilities - Office & Outside Fa	669	46%	54%		307	362	0	
16342 • Conservation Education & Enforce	130,000			100%	0	0	130,000	
16343 • Insurance - General	29,068	46%	54%		13,355	15,713	0	
16344 • Bank Charges	188	59%	41%	0%	111	77	0	
16345 • Misc. Operating Expense	1,186	46%	54%		545	641	0	
16347 • Lease Expense	17,185	59%	41%	0%	10,145	7,040	0	
16410 • Salaries	127,355	59%	41%	0%	75,181	52,173	0	
16420 • FICA and Benefits	43,600	59%	41%	0%	25,738	17,862	0	
16560 • Miscellaneous Expense	25,330	59%	41%	0%	14,953	10,377	0	
17110 • Capital Outlay	0	46%	54%		0	0	0	
Total O&M Expense	3,062,979				1,766,087	412,664	884,228	
Annual Debt Service								
Wholesale Customer Debt Service and Times Coverage - Wate	0	46%	54%		0	0	0	
Wholesale Customer Debt Service and Times Coverage - Wast	0				0	0	0	
Effluent Debt Service and Times Coverage	0				0	0	0	
Retail Customer Regional Facilities Debt Service and Times C	5,974,500	46%	54%		2,744,896	3,229,605	0	
Retail Customer Non-Regional Facilities Debt Service and Tim	0				0	0	0	
	5,974,500				2,744,896	3,229,605	0	
TOTAL ANNUAL EXPENSE	9,037,479				4,510,983	3,642,269	884,228	
Income								
(1) Water Department - Revenue								
14100 • Retail Revenues - Water								
14101 • Minimum Bill Revenues (W)	0				0	0	0	
14102 • Volumetric Revenues (W)	0				0	0	0	
14103 • Application Fee (W)	72,040			100%	0	0	72,040	
14104 • Tap Fees (W)	557,615	46%	54%		256,188	301,427	0	

## Schedule 10

## Retail Only Cost Functionalization - FYE2014

	2014	% Base	% Late	% Cust	Base Costs	Late Costs	Customer Costs	Notes
14105 - Late Fee (W)	224,048			100%	0	0	224,048	
14106 - Return Check Fee (W)	1,941			100%	0	0	1,941	
14107 - Inspection Fee (W)	1,535			100%	0	0	1,535	
14108 - Inquiry Fee	3,288			100%	0	0	3,288	
14110 - Wholesale Revenues - (WSW)	0				0	0	0	
14111 - Minimum Bill Revenues (WSW)	0				0	0	0	
14112 - Volumetric Revenues (WSW)	0				0	0	0	
14120 - Other Revenues (W)	0				0	0	0	
14121 - LUE Reservation Fees System-wide offset	0	46%	54%		0	0	0	
LUE Reservation Fees - Retail Off-Set	235,221	46%	54%		108,069	127,152	0	
LUE Reservation Fees - System-Wide Off-Set	0				0	0	0	
14122 - Irrigation Customer Sales (W)	0				0	0	0	
14123 - Meter Set Fee (W)	120,074	46%	54%		55,166	64,908	0	
14124 - Connection Fees	28,703	46%	54%		13,187	15,516	0	
14125 - Billing Services (W)	0			100%	0	0	0	
14126 - Drainage Fees	0				0	0	0	
(2) Wastewater Department - Rev	0				0	0	0	
14200 - Retail & Wholesale Revenues (WW)	0				0	0	0	
14201 - Minimum Bill/Volumetric Rev (WW)	0				0	0	0	
Wholesale Minimum Bill	0							
Wholesale Volumetric Rate	0							
Application Fees	0							
14204 - Tap Fee (WW)	0	46%	54%		0	0	0	
SER Fees	12,665	59%	41%	0%	7,476	5,188	0	
Late Fees	0							
Returned Check Fees	0							
Inspection Fees	727	46%	54%		334	393	0	
14220 - Other Revenues (WW)	0				0	0	0	
14221 - Grinder Pump Surcharge (WW)	0			100%	0	0	0	
14222 - Billing Services (WW)	0			100%	0	0	0	
(3) Shared Department - Revenue	0				0	0	0	
14300 - Shared Department	0				0	0	0	
14304 - Interest Earned on Checking	0	50%	40%	10%	0	0	0	
Total Income	1,257,857				440,421	514,584	302,852	
TOTAL REVENUE REQUIREMENT	\$ 7,779,622				\$ 4,070,562	\$ 3,127,684	\$ 581,376	
	TRUE				TRUE			
Base-Extra		46%	54%					
Composite		59%	41%	0%				
Expense Composite		50%	40%	10%				



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Exhibit D

**West Travis county Public Utility Agency  
FYE2014 Rate Study**

**Schedule 11  
Functionalization Summary**

	2014
<b>System-Wide Costs</b>	
Base Costs	\$ 3,292,496
Extra Capacity Costs	1,396,546
Customer Costs	-
<b>Total System Wide Costs</b>	<b>\$ 4,689,041</b>
<b>Retail Only Costs</b>	
Base Costs	\$ 4,070,562
Extra Capacity Costs	3,127,684
Customer Costs	581,376
<b>Total Retail Only Costs</b>	<b>\$ 7,779,622</b>
<b>Total Revenue Requirement</b>	<b>\$ 12,468,664</b>
	TRUE

West Travis County Public Utility Agency  
FYE 2013 Budget Planning

Schedule 12

Historical Customer Count - Retail

By Rate District

Division	Service	Account Class	FYE 2009	FYE 2010	FYE 2011	FYE2012	2012 Growth	2-Year Average	3-Year Average
Bee Cave	Water	Commercial Total	166	172	176	176	0%	1%	2%
		Construction Total	16	16	16	16	0%	0%	-1%
		Irrigation Total	63	68	57	57	0%	-8%	-3%
		Multi Unit/Family Total	33	37	35	35	0%	-2%	2%
		Residential Total	1,808	1,835	1,864	2,011	8%	5%	4%
		School Total							
Bee Cave South	Water	Commercial Total	54	55	57	57	0%	2%	2%
		Construction Total	6	4	5	5	0%	7%	-8%
		Irrigation Total	3	4	4	4	0%	7%	14%
		Residential Total	1,403	1,449	1,481	1,623	10%	6%	5%
Hamilton Pool Road /290	Water	Commercial Total	20	21	21	21	0%	0%	1%
		Construction Total	7	5	4	4	0%	-8%	-14%
		Irrigation Total	6	7	8	8	0%	2%	11%
		Residential Total	928	1,020	1,101	1,398	27%	19%	17%
		Unspecified Total							
Homestead/ Meadow Fox									
	Water	Residential Total	127	129	134	139	4%	4%	3%
		<b>Total Retail</b>	<b>4,641</b>	<b>4,821</b>	<b>4,961</b>	<b>5,552</b>	<b>12%</b>	<b>8%</b>	<b>7%</b>

West Travis County Public Utility Agency  
FYE 2013 Budget Planning

## Schedule 13

## Projected Future Customer Count - Retail

## Year-End Projection

Division	Service	Account Class	Actual FYE2012	Estimated FYE2013	FYE2014	FYE2015	% Growth Assumed
Bee Cave	Water	Commercial Total	176	179	183	186	2%
		Construction Total	16	16	16	16	
		Irrigation Total	57	57	57	57	
		Multi Unit/Family Total	35	35	35	35	
		Residential Total	2,011	2,260	2,396	2,539	6%
		School Total	-	-	-	-	0%
Bee Cave South	Water	Commercial Total	57	58	59	60	2%
		Construction Total	5	5	5	5	
		Irrigation Total	4	4	4	4	
		Residential Total	1,623	1,720	1,824	1,933	6%
Hamilton Pool Road 290	Water	Commercial Total	21	21	21	21	
		Construction Total	4	4	4	4	
		Irrigation Total	8	8	8	8	
		Residential Total	1,398	1,530	1,622	1,719	6%
		Unspecified Total	-	-	-	-	0%
Homestead/ Meadow Fox	Water	Residential Total	139	144	149	155	4%
		<b>Total Retail</b>	<b>5,552</b>	<b>6,040</b>	<b>6,381</b>	<b>6,741</b>	<b>9%</b>

## Annual Average

Division	Service	Account Class	2013	2014	2015
Bee Cave	Water	Commercial Total	177	181	184
		Construction Total	16	16	16
		Irrigation Total	57	57	57
		Multi Unit/Family Total	35	35	35
		Residential Total	2,135	2,328	2,467
		School Total	-	-	-
Bee Cave South	Water	Commercial Total	58	58	59
		Construction Total	5	5	5
		Irrigation Total	4	4	4
		Residential Total	1,672	1,772	1,878
Hamilton Pool Road 290	Water	Commercial Total	21	21	21
		Construction Total	4	4	4
		Irrigation Total	8	8	8
		Residential Total	1,464	1,576	1,670
		Unspecified Total	-	-	-
Homestead/ Meadow Fox	Water	Residential Total	142	147	152
		<b>Total Retail</b>	<b>5,796</b>	<b>6,210</b>	<b>6,561</b>

HWY71 District

2,562 2,763 2,912

US 290 District

3,234 3,447 3,649

5,796 6,210 6,561

West Travis County Public Utility Agency  
FYE 2013 Budget Planning

Schedule 14  
Retail Consumption Projection

Division	Service	Account Class	FYE2011 Actual	FYE2013	FYE2014	FYE2015	Average Use Assumption
Bee Cave	Water	Commercial Total	72,668,930	74,381,670	75,869,303	77,386,690	34,960
		Construction Total	17,540,460	17,540,460	17,540,460	17,540,460	93,300
		Irrigation Total	48,184,690	47,305,910	47,305,910	47,305,910	69,051
		Multi Unit/Family Total	29,795,870	28,451,930	28,451,930	28,451,930	67,743
		Residential Total	414,967,360	434,208,131	473,341,796	501,742,304	16,945
		School Total	1,683,530	-	-	-	-
Bee Cave South	Water	Commercial Total	17,424,850	17,130,373	17,389,144	17,651,823	24,817
		Construction Total	9,492,500	7,730,516	7,730,516	7,730,516	138,947
		Irrigation Total	1,180,310	1,180,310	1,180,310	1,180,310	22,541
		Residential Total	199,242,539	212,347,543	225,090,527	238,598,218	10,586
Hamilton Pool Road /290	Water	Commercial Total	7,906,260	5,569,813	5,569,813	5,569,813	22,393
		Construction Total	3,139,990	3,139,990	3,139,990	3,139,990	69,778
		Irrigation Total	25,782,560	18,070,881	18,070,881	18,070,881	198,581
		Residential Total	169,046,460	208,793,333	224,756,984	238,242,403	11,885
		Unspecified Total	40,730	-	-	-	-
Homestead/ Meadow Fox							
	Water	Residential Total	11,630,970	12,333,480	12,790,129	13,263,685	7,260
		<b>Total Retail</b>	<b>1,029,728,009</b>	<b>1,088,184,342</b>	<b>1,158,227,695</b>	<b>1,215,874,934</b>	

**West Travis County Public Utility Agency  
FYE 2013 Budget Planning**

**Schedule 15**

**Wholesale Customer Count Projection**

Projected Customer Count

Account Class	FYE2011	FYE2012	FYE 2013	FYE 2014	FYE 2015
CRYSTAL MOUNTAIN HOA, INC.	52	53	54	54	54
DEER CREEK RANCH WATER CO., LLC	469	469	479	489	499
DRIPPING SPRINGS WSC	700	700	710	720	730
EANES ISD	35	35	35	35	35
HAYS COUNTY WCID #1	771	785	805	825	845
LAZY NINE MUD	-	44	94	144	194
REUNION RANCH WCID	-	21	51	81	111
SENNA HILLS MUD #1	399	411	411	411	411
BARTON CREEK WEST WSC	423	424	424	424	424
HAYS COUNTY WCID #2	240	286	336	386	436
CITY OF DRIPPING SPRINGS	-	-	20	30	30
TRAVIS COUNTY MUD #12	23	47	87	127	167
Travis County MUD #18, Masonwood	-	-	-	40	80
	3,112	3,275	3,506	3,766	4,016

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Exhibit D

**West Travis County Public Utility Agency  
FYE 2013 Budget Planning**

**Schedule 16**

**Wholesale Customer Historical Use**

**Historical Use**

<b>Account Class</b>	<b>FYE2011</b>	<b>FYE2012</b>
CRYSTAL MOUNTAIN HOA, INC.	19,459,000	19,576,000
DEER CREEK RANCH WATER CO., LLC	31,955,000	38,671,000
DRIPPING SPRINGS WSC	163,603,000	160,338,000
EANES ISD	9,101,000	8,064,000
HAYS COUNTY WCID #1	197,903,000	164,063,600
LAZY NINE MUD	-	12,904,000
REUNION RANCH WCID	-	-
SENNA HILLS MUD #1	124,860,000	121,754,000
BARTON CREEK WEST WSC	122,017,000	120,011,000
HAYS COUNTY WCID #2	20,456,000	80,940,500
CITY OF DRIPPING SPRINGS	-	-
TRAVIS COUNTY MUD #12	18,849,000	32,705,000
Travis County MUD #18, Masonwood	-	-
	689,354,000	759,027,100

**Average use per Month**

<b>Account Class</b>	<b>FYE2011</b>	<b>FYE2012</b>	<b>Assumed</b>
CRYSTAL MOUNTAIN HOA, INC.	31,184	30,780	30,982
DEER CREEK RANCH WATER CO., LLC	5,678	6,871	6,275
DRIPPING SPRINGS WSC	19,477	19,088	19,282
EANES ISD	21,669	19,200	20,435
HAYS COUNTY WCID #1	21,390	17,417	19,403
LAZY NINE MUD			13,500
REUNION RANCH WCID			13,500
SENNA HILLS MUD #1	26,078	24,687	25,382
BARTON CREEK WEST WSC	24,038	23,587	23,813
HAYS COUNTY WCID #2	7,103	23,584	15,343
CITY OF DRIPPING SPRINGS			13,500
TRAVIS COUNTY MUD #12	68,293	57,988	57,988
Travis County MUD #18, Masonwood			13,500
	18,460	19,314	

likely due to pass-through meter between hays 1 and 2

likely due to pass-through meter between hays 1 and 2

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West Travis County Public Utility Agency  
FYE 2013 Budget Planning

Schedule 17  
Wholesale Consumption Projection

Account Class	FYE2011 Actual	FYE2012 Actual	FYE 2013	FYE 2014	FYE 2015
CRYSTAL MOUNTAIN HOA, INC.	19,459,000	19,576,000	20,076,391	20,076,391	20,076,391
DEER CREEK RANCH WATER CO., LLC	31,955,000	38,671,000	36,065,942	36,818,885	37,571,827
DRIPPING SPRINGS WSC	163,603,000	160,338,000	164,284,364	166,598,229	168,912,093
EANES ISD	9,101,000	8,064,000	8,582,500	8,582,500	8,582,500
HAYS COUNTY WCID #1	197,903,000	164,063,600	187,436,902	192,093,720	196,750,537
LAZY NINE MUD	-	12,904,000	15,228,000	23,328,000	31,428,000
REUNION RANCH WCID	-	-	8,262,000	13,122,000	17,982,000
SENNA HILLS MUD #1	124,860,000	121,754,000	125,184,594	125,184,594	125,184,594
BARTON CREEK WEST WSC	122,017,000	120,011,000	121,158,228	121,158,228	121,158,228
HAYS COUNTY WCID #2	20,456,000	80,940,500	61,864,669	71,070,720	80,276,772
CITY OF DRIPPING SPRINGS	-	-	3,240,000	4,860,000	4,860,000
TRAVIS COUNTY MUD #12	18,849,000	32,705,000	60,539,043	88,373,085	116,207,128
Travis County MUD #18, Masonwood	-	-	-	6,480,000	12,960,000
	708,203,000	759,027,100	811,922,633	877,746,351	941,950,070

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Exhibit D

West Travis County Public Utility Agency  
FYE 2013 Budget Planning

Schedule 18  
Total Consumption Projection

Division	Service	Account Class	FYE2011 Actual	FYE2013	FYE2014	FYE2015
Bee Cave	Water	Commercial Total	72,668,930	74,381,670	75,869,303	77,386,690
		Construction Total	17,540,460	17,540,460	17,540,460	17,540,460
		Irrigation Total	48,184,690	47,305,910	47,305,910	47,305,910
		Multi Unit/Family Total	29,795,870	28,451,930	28,451,930	28,451,930
		Residential Total	414,967,360	434,208,131	473,341,796	501,742,304
		School Total	1,683,530	-	-	-
Bee Cave South	Water	Commercial Total	17,424,850	17,130,373	17,389,144	17,651,823
		Construction Total	9,492,500	7,730,516	7,730,516	7,730,516
		Irrigation Total	1,180,310	1,180,310	1,180,310	1,180,310
		Residential Total	199,242,539	212,347,543	225,090,527	238,598,218
Hamilton Pool Road /290	Water	Commercial Total	7,906,260	5,569,813	5,569,813	5,569,813
		Construction Total	3,139,990	3,139,990	3,139,990	3,139,990
		Irrigation Total	25,782,560	18,070,881	18,070,881	18,070,881
		Residential Total	169,046,460	208,793,333	224,756,984	238,242,403
		Unspecified Total	40,730	-	-	-
Homestead/Meadow Fox	Water	Residential Total	11,630,970	12,333,480	12,790,129	13,263,685
		CRYSTAL MOUNTAIN HOA, INC.	19,459,000	20,076,391	20,076,391	20,076,391
		DEER CREEK RANCH WATER CO., LLC	31,955,000	36,065,942	36,818,885	37,571,827
		DRIPPING SPRINGS WSC	163,603,000	164,284,364	166,598,229	168,912,093
		EANES ISD	9,101,000	8,582,500	8,582,500	8,582,500
		HAYS COUNTY WCID #1	197,903,000	187,436,902	192,093,720	196,750,537
		LAZY NINE MUD	-	15,228,000	23,328,000	31,428,000
		REUNION RANCH WCID	-	8,262,000	13,122,000	17,982,000
		SENNA HILLS MUD #1	124,860,000	125,184,594	125,184,594	125,184,594
		BARTON CREEK WEST WSC	122,017,000	121,158,228	121,158,228	121,158,228
		HAYS COUNTY WCID #2	20,456,000	61,864,669	71,070,720	80,276,772
		CITY OF DRIPPING SPRINGS	-	3,240,000	4,860,000	4,860,000
		TRAVIS COUNTY MUD #12	18,849,000	60,539,043	88,373,085	116,207,128
		Travis County MUD #18, Masonwood	-	-	6,480,000	12,960,000
		<b>TOTAL</b>	<b>1,737,931,009</b>	<b>1,900,106,975</b>	<b>2,035,974,046</b>	<b>2,157,825,004</b>
				9%	7%	6%

Residential	867,682,488	935,979,437	991,846,610
Commercial	97,081,856	98,828,260	100,608,326
Construction	28,410,966	28,410,966	28,410,966
Irrigation	66,557,101	66,557,101	66,557,101
Multi Family	28,451,930	28,451,930	28,451,930
Wholesale	811,922,633	877,746,351	941,950,070
	1,900,106,975	2,035,974,046	2,157,825,004
	TRUE	TRUE	TRUE



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West Travis County Public Utility Agency  
FYE 2013 Budget Planning

Schedule 19  
Peak-to-Average Summary

Division	Service	Account Class	2009	2010	2011	4/2012 -3/2013	2009, 2010, 2011 Average	2010, 2011 Average	Assumed
Bee Cave	Water	Commercial Total	1.54	1.79	1.42		1.58	1.60	1.60
		Construction Total	2.92	3.53	2.12		2.85	2.82	2.82
		Irrigation Total	2.15	2.17	2.13		2.15	2.15	2.15
		Multi Unit/Family Total	2.58	1.14	1.21		1.65	1.18	1.18
		Residential Total	1.51	1.93	1.64		1.70	1.79	1.79
Bee Cave South		School Total	1.57	2.65	1.54		1.92	2.09	2.09
	Water	Commercial Total	1.21	1.31	1.54		1.35	1.42	1.42
		Construction Total	2.19	3.04	3.30		2.85	3.17	3.17
		Irrigation Total	2.61	3.99	5.25		3.95	4.62	4.62
		Residential Total	1.54	2.47	1.64		1.88	2.05	2.05
Hamilton Pool Road /290	Water	Commercial Total	1.67	1.90	1.54		1.70	1.72	1.72
		Construction Total	3.27	3.03	5.42		3.90	4.22	4.22
		Irrigation Total	2.66	4.62	2.10		3.13	3.36	3.36
		Residential Total	1.38	2.02	1.51		1.64	1.76	1.76
		Unspecified Total							
Homestead/Meadow Fox			1.39	2.02	1.63		1.68	1.82	1.82
	Water	Residential Total							
		CRYSTAL MOUNTAIN HOA, INC.	2.82	2.37	1.60	1.80	2.26	1.98	1.80
		DEER CREEK RANCH WATER CO., LLC	1.25	1.32	1.47	1.52	1.35	1.39	1.52
		DRIPPING SPRINGS WSC	2.38	2.72	1.45	1.70	2.18	2.08	1.70
		EVANES ISD	1.67	2.04	1.33	1.95	1.68	1.69	1.95
		HAYS COUNTY WCID #1	1.91	1.90	1.44	1.55	1.75	1.67	1.55
		LAZY NINE MUD	12.40	3.62	2.23	1.35	6.08	2.93	1.35
		REUNION RANCH WCID							290 system average
		SENNA HILLS MUD #1	1.51	2.41	1.55	1.65	1.82	1.98	1.65
		BARTON CREEK WEST WSC	1.73	1.83	1.59	1.68	1.72	1.71	1.68
		HAYS COUNTY WCID #2	3.38	2.32	2.53	1.60	2.74	2.42	1.60
		CITY OF DRIPPING SPRINGS							290 system average
		TRAVIS COUNTY MUD #12	6.96	6.75	2.62	1.65	5.44	4.68	1.65
		Travis County MUD #18, Masonwood							71 system average
		Residential Average							

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West Travis County Public Utility Agency  
FYE 2013 Budget PlanningSchedule 20  
Retail/Wholesale Last 12 Month Consumption History

Division	Service	2012											2013				
		May	June	July	August	September	October	November	December	January	February	March	Total	Average Month	Peak month	Peak Mo -Avg Mo	
Bee Cave		29,568	47,348	34,230	81,884	60,771	81,587	72,977	53,727	51,261	45,167	31,394	34,132	624,046	52,004	81,884	1.57
Bee Cave South		12,779	22,675	19,282	32,708	26,631	34,891	22,519	19,669	20,484	15,754	14,058	14,070	255,520	498,261	973,847	1.95
Homestead/Meadow fox		820	1,125	816	1,704	1,414	1,849	1,523	1,276	1,417	1,277	860	1,307	15,388	29,956	58,787	1.96
HPR/290		11,212	21,621	15,510	27,479	31,581	37,893	32,420	21,755	23,420	17,960	10,719	13,514	265,084	518,956	1,016,291	1.96
		54,379	92,769	69,838	143,775	120,397	156,220	129,439	96,427	96,582	80,158	57,031	63,023	1,160,038	1,099,177	2,130,809	

Division	Service	2012											2013				
		May	June	July	August	September	October	November	December	January	February	March	Total	Average Month	Peak Month	Peak Mo -Avg Mo	
Barton Creek West WSC		5,852	10,776	11,904	13,828	12,504	16,780	10,040	10,990	8,785	6,973	5,870	5,709	120,011	10,001	16,780	1.68
City of Dripping Springs (Headwaters)		2,029	898	2,042	2,392	1,949	2,938	1,232	1,793	1,754	849	855	845	19,576	1,631	2,938	1.80
Crystal Mountain HOA		3,536	2,597	3,337	4,126	3,502	4,911	642	4,632	2,909	2,286	3,535	2,658	38,671	3,223	4,911	1.52
Deer Creek Ranch		12,966	12,025	14,302	17,570	15,038	22,708	11,043	13,476	8,556	11,335	10,948	10,371	160,338	13,362	22,708	1.70
Dripping Springs WSC		448	539	780	360	768	1,313	429	1,188	633	271	1,000	335	8,064	672	1,313	1.95
Eanes ISD		13,466	14,537	18,415	15,592	21,225	16,729	13,282	13,518	9,635	7,228	8,189	12,248	164,064	13,672	21,225	1.55
Hays WCID#1		6,146	7,625	10,800	8,028	8,804	7,586	7,729	7,986	3,929	2,882	3,277	6,148	80,941	6,745	10,800	1.60
Hays WCID#2																	
Hudson Ranch																	
Lazy Nine		557	783	746	999	1,068	1,184	914	1,456	1,316	1,246	1,343	1,292	12,904	1,075	1,456	1.35
Reunion Ranch									45	12	-	6	618	681	136	618	4.54
Sanna Hills		9,241	7,849	12,146	15,101	10,708	7,867	19,028	10,059	9,206	8,460	5,614	6,475	121,754	10,146	19,028	1.88
Rough Hollow		4,510	1,760	3,919	3,158	3,133	3,464	1,996	2,428	1,990	1,472	2,442	2,433	32,705	2,725	4,510	1.65
		58,751	59,389	78,391	81,155	78,698	85,479	66,336	67,571	48,725	43,002	43,079	49,132	759,708	63,309	85,479	1.35

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West Travis County Public Utility Agency  
FYE 2013 Budget Planning

Schedule 21  
2014 System-Wide Cost Allocation

Base Costs \$ 3,292,496  
Extra Capacity Costs 1,396,546  
Customer Costs \$ 4,689,041 TRUE

Division	Service	Account Class	Avg Daily Consumption	Allocated Water Loss %	Adjusted Average Day	% of Total	Base Cost	Assumed Peak Day	System Capacity	% of Total	Extra Capacity Costs	Customer Count	% of Total	Customer Costs	Total Costs	
Bee Cave	Water	Commercial Total	207,861	18%	252,750.93	4%	\$ 128,509	1.60	405,516.39	152,765.46	3%	\$ 42,376	181	3%	\$ -	\$ 170,885
		Construction Total	48,066	18%	58,434.27	1%	\$ 29,710	2.82	164,839.54	106,405.26	2%	\$ 29,516	16	0%	\$ -	\$ 59,226
		Irrigation Total	129,605	18%	157,594.87	2%	\$ 80,128	2.15	338,767.29	181,172.43	4%	\$ 50,256	57	1%	\$ -	\$ 130,384
		Multi Unit/Family Total	77,950	18%	94,784.73	1%	\$ 48,192	1.18	111,775.68	16,990.94	0%	\$ 4,713	35	1%	\$ -	\$ 52,906
		Residential Total	1,296,827	18%	1,576,890.43	24%	\$ 801,755	1.79	2,819,300.17	1,242,409.74	25%	\$ 344,635	2,328	37%	\$ -	\$ 1,146,390
Bee Cave	Water	School Total	-	18%	-	0%	\$ -	2.09	-	-	0%	\$ -	-	0%	\$ -	\$ -
		Commercial Total	47,641	18%	57,930.18	1%	\$ 29,454	1.42	82,374.04	24,443.86	0%	\$ 6,781	58	1%	\$ -	\$ 36,235
		Construction Total	21,179	18%	25,753.44	0%	\$ 13,094	3.17	81,737.36	55,983.93	1%	\$ 15,530	5	0%	\$ -	\$ 28,624
		Irrigation Total	3,234	18%	3,932.08	0%	\$ 1,999	4.62	18,155.48	14,223.39	0%	\$ 3,945	4	0%	\$ -	\$ 5,945
		Residential Total	616,686	18%	749,866.38	12%	\$ 381,262	2.05	1,540,004.12	790,137.74	16%	\$ 219,178	1,772	29%	\$ -	\$ 600,441
Hamilton Pool	Water	Commercial Total	15,260	18%	18,555.27	0%	\$ 9,434	1.72	31,941.11	13,385.84	0%	\$ 3,713	21	0%	\$ -	\$ 13,147
		Construction Total	8,603	18%	10,460.56	0%	\$ 5,319	4.22	44,175.23	33,714.68	1%	\$ 9,352	4	0%	\$ -	\$ 14,671
		Irrigation Total	49,909	18%	60,201.32	1%	\$ 30,609	3.36	202,437.68	142,236.36	3%	\$ 39,455	8	0%	\$ -	\$ 70,064
		Residential Total	615,773	18%	748,755.21	12%	\$ 380,697	1.76	1,321,306.84	572,551.63	11%	\$ 158,822	1,576	25%	\$ -	\$ 539,519
		Unspecified Total	-	18%	-	0%	\$ -	-	-	-	0%	\$ -	-	0%	\$ -	\$ -
Homestead/ Meadow Fox	Water	Residential Total	35,041	18%	42,609.02	1%	\$ 21,664	1.82	77,676.49	35,067.46	1%	\$ 9,727	147	2%	\$ -	\$ 31,392
		Wastewater Treatment Plant	3,000	8%	3,260.87	0%	\$ 1,658	1.50	4,891.30	1,630.43	0%	\$ 452	1	0%	\$ -	\$ 2,110
		CRYSTAL MOUNTAIN HOA, INC.	55,004	8%	59,786.75	1%	\$ 30,398	1.80	107,674.79	47,888.04	1%	\$ 13,284	-	0%	\$ -	\$ 43,682
		DEER CREEK RANCH WATER CO., LLC	100,874	8%	109,645.28	2%	\$ 55,748	1.52	167,092.02	57,446.74	1%	\$ 15,935	-	0%	\$ -	\$ 71,683
		DRIPPING SPRINGS WSC	456,434	8%	496,123.37	8%	\$ 252,249	1.70	843,166.53	347,043.15	7%	\$ 96,267	-	0%	\$ -	\$ 348,516
		JEANES ISD	23,514	8%	25,558.37	0%	\$ 12,995	1.95	49,937.70	24,379.34	0%	\$ 6,763	-	0%	\$ -	\$ 19,758
		HAYS COUNTY WCID #1	526,284	8%	572,048.00	9%	\$ 290,852	1.55	888,061.50	316,013.50	6%	\$ 87,660	-	0%	\$ -	\$ 378,512
		LADY NINE MUD	63,912	8%	69,469.92	1%	\$ 35,321	1.35	94,062.19	24,592.27	0%	\$ 6,822	-	0%	\$ -	\$ 42,143
		REUNION RANCH WCID	35,951	8%	39,076.83	1%	\$ 19,868	1.62	63,215.50	24,138.67	0%	\$ 6,696	-	0%	\$ -	\$ 26,564
		SENNA HILLS MUD #1	342,971	8%	372,795.10	6%	\$ 189,544	1.65	616,898.66	244,103.56	5%	\$ 67,713	-	0%	\$ -	\$ 257,257
		BARTON CREEK WEST WSC	331,940	8%	360,804.73	6%	\$ 183,448	1.68	605,374.84	244,570.11	5%	\$ 67,842	-	0%	\$ -	\$ 251,290
		HAYS COUNTY WCID #2	194,714	8%	211,645.98	3%	\$ 107,609	1.60	338,895.05	127,249.07	3%	\$ 35,298	-	0%	\$ -	\$ 142,907
		CITY OF DRIPPING SPRINGS	13,315	8%	14,472.90	0%	\$ 7,359	1.62	23,413.15	8,940.25	0%	\$ 2,480	-	0%	\$ -	\$ 9,839
		TRAVIS COUNTY MUD #12	242,118	8%	263,171.78	4%	\$ 133,807	1.65	435,494.79	172,323.00	3%	\$ 47,801	-	0%	\$ -	\$ 181,608
		Travis County MUD #18, Masonwood	17,753	8%	19,297.20	0%	\$ 9,811	1.66	32,033.94	12,736.74	0%	\$ 3,533	-	0%	\$ -	\$ 13,345
	TOTAL	5,381,911		6,475,676	100%	\$ 3,292,496		11,510,219	5,034,544	100%	\$ 1,396,546	6,211	100%	\$ -	\$ 4,689,041	
						TRUE					TRUE			TRUE	TRUE	

System-Wide Water Loss 894,665  
Percent Water Loss 16%  
System Actual Losses 16%

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West Travis County Public Utility Agency  
FYE 2013 Budget Planning

Schedule 22  
2014 Retail Only Cost Allocation

Base Costs	\$ 4,070,562
Extra Capacity Costs	3,127,684
Customer Costs	581,376
	<u>\$ 7,779,622 TRUE</u>

Division	Service	Account Class	Average Day	% of Total	Base Cost	Assumed Peak	Assumed Peak Day	System Extra Capacity	% of Total	Extra Capacity Costs	Customer Count	% of Total	Customer Costs	Total Costs
Bee Cave	January-00	Commercial Total	207,861.11	7%	\$ 266,389	1.60	333,494.66	125,633.55	5%	\$ 141,223	181	3%	\$ 16,927	\$ 424,539
		Construction Total	48,056.05	2%	\$ 61,587	2.82	135,563.21	87,507.16	3%	\$ 98,366	16	0%	\$ 1,466	\$ 161,419
		Irrigation Total	129,605.23	4%	\$ 166,098	2.15	278,600.54	148,995.30	5%	\$ 167,484	57	1%	\$ 5,344	\$ 338,926
		Multi Unit/Family Total	77,950.49	2%	\$ 99,899	1.18	91,923.76	13,973.27	1%	\$ 15,707	35	1%	\$ 3,276	\$ 118,882
		Residential Total	1,296,826.84	41%	\$ 1,661,977	1.79	2,318,578.42	###	37%	\$ 1,148,539	2,328	37%	\$ 217,875	\$ 3,028,390
Bee Cave South		School Total	-	0%	\$ -	2.09	-	-	0%	\$ -	-	0%	\$ -	\$ -
	Water	Commercial Total	47,641.49	1%	\$ 61,056	1.42	67,744.00	20,102.51	1%	\$ 22,597	58	1%	\$ 5,465	\$ 89,118
		Construction Total	21,179.50	1%	\$ 27,143	3.17	67,220.40	46,040.90	2%	\$ 51,754	5	0%	\$ 434	\$ 79,331
		Irrigation Total	3,233.73	0%	\$ 4,144	4.62	14,930.97	11,697.25	0%	\$ 13,149	4	0%	\$ 408	\$ 17,701
		Residential Total	616,686.38	19%	\$ 790,328	2.05	1,266,491.72	649,805.34	23%	\$ 730,438	1,772	29%	\$ 165,846	\$ 1,686,612
Hamilton Pool Road /290	Water	Commercial Total	15,259.76	0%	\$ 19,556	1.72	26,268.21	11,008.45	0%	\$ 12,374	21	0%	\$ 1,940	\$ 33,871
		Construction Total	8,602.71	0%	\$ 11,025	4.22	36,329.49	27,726.78	1%	\$ 31,167	4	0%	\$ 351	\$ 42,543
		Irrigation Total	49,509.26	2%	\$ 63,450	3.36	166,483.74	116,974.48	4%	\$ 131,490	8	0%	\$ 710	\$ 195,649
		Residential Total	615,772.56	19%	\$ 789,157	1.76	1,086,636.17	470,863.61	17%	\$ 529,292	1,576	25%	\$ 147,499	\$ 1,465,948
		Unspecified Total	-	0%	\$ -	-	-	-	0%	\$ -	-	0%	\$ -	\$ -
Homestead/ Meadow Fox														
	Water	Residential Total	35,041.45	1%	\$ 44,908	1.82	63,880.76	28,839.31	1%	\$ 32,418	147	2%	\$ 13,741	\$ 91,067
		Wastewater Treatment Plant	3,000.00	0%	\$ 3,845	1.50	4,500.00	1,500.00	0%	\$ 1,686	1	0%	\$ 94	\$ 5,624
		CRYSTAL MOUNTAIN HOA, INC.	-	-	\$ -	1.80	-	-	0%	\$ -	-	0%	\$ -	\$ -
		DEER CREEK RANCH WATER CO., LLC	-	-	\$ -	1.52	-	-	0%	\$ -	-	0%	\$ -	\$ -
		DRIPPING SPRINGS WSC	-	-	\$ -	1.70	-	-	0%	\$ -	-	0%	\$ -	\$ -
		EANES ISD	-	-	\$ -	1.95	-	-	0%	\$ -	-	0%	\$ -	\$ -
		HAYES COUNTY WCD #1	-	-	\$ -	1.55	-	-	0%	\$ -	-	0%	\$ -	\$ -
		LAZY NINE MUD	-	-	\$ -	1.35	-	-	0%	\$ -	-	0%	\$ -	\$ -
		REUNION RANCH WCD	-	-	\$ -	1.62	-	-	0%	\$ -	-	0%	\$ -	\$ -
		SENNA HILLS MUD #1	-	-	\$ -	1.65	-	-	0%	\$ -	-	0%	\$ -	\$ -
		BARTON CREEK WEST WSC	-	-	\$ -	1.68	-	-	0%	\$ -	-	0%	\$ -	\$ -
		HAYES COUNTY WCD #2	-	-	\$ -	1.60	-	-	0%	\$ -	-	0%	\$ -	\$ -
		CITY OF DRIPPING SPRINGS	-	-	\$ -	1.62	-	-	0%	\$ -	-	0%	\$ -	\$ -
		TRAVIS COUNTY MUD #12	-	-	\$ -	1.65	-	-	0%	\$ -	-	0%	\$ -	\$ -
		Travis County MUD #18, Masonwood	-	-	\$ -	1.66	-	-	0%	\$ -	-	0%	\$ -	\$ -
		TOTAL	3,176,227	100%	\$ 4,070,562		5,958,646	2,782,419	100%	\$ 3,127,684	6,211	100%	\$ 581,376	\$ 7,779,622 TRUE

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West Travis County Public Utility Agency  
FYE 2013 Budget Planning

Schedule 23  
Total Cost Allocation

2014 Costs					
Division	Service	Account Class	System-Wide	Retail Only	Total Cost Allocation
Bee Cave	Water	Commercial Total	170,885	424,539	595,424
		Construction Total	59,226	161,419	220,646
		Irrigation Total	130,384	338,926	469,309
		Multi Unit/Family Total	52,906	118,882	171,788
		Residential Total	1,146,390	3,028,390	4,174,780
		School Total	-	-	-
Bee Cave South	Water	Commercial Total	36,235	89,118	125,353
		Construction Total	28,624	79,331	107,955
		Irrigation Total	5,945	17,701	23,646
		Residential Total	600,441	1,686,612	2,287,053
Hamilton Pool Road /290	Water	Commercial Total	13,147	33,871	47,018
		Construction Total	14,671	42,543	57,214
		Irrigation Total	70,064	195,649	265,713
		Residential Total	539,519	1,465,948	2,005,467
		Unspecified Total	-	-	-
Homestead/Meadow Fox					
	Water	Residential Total	31,392	91,067	122,459
		Wastewater Treatment Plant	2,110	5,624	7,735
		CRYSTAL MOUNTAIN HOA, INC.	43,682	-	43,682
		DEER CREEK RANCH WATER CO	71,683	-	71,683
		DRIPPING SPRINGS WSC	348,516	-	348,516
		EANES ISD	19,758	-	19,758
		HAYS COUNTY WCID #1	378,512	-	378,512
		LAZY NINE MUD	42,143	-	42,143
		REUNION RANCH WCID	26,564	-	26,564
	SENNA HILLS MUD #1	257,257	-	257,257	

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2014 Costs

Division	Service	Account Class	System-Wide	Retail Only	Total Cost Allocation
		BARTON CREEK WEST WSC	251,290	-	251,290
		HAYS COUNTY WCID #2	142,907	-	142,907
		CITY OF DRIPPING SPRINGS	9,839	-	9,839
		TRAVIS COUNTY MUD #12	181,608	-	181,608
		Travis County MUD #18, Masonwood	13,345	-	13,345
		<b>TOTAL</b>	<b>4,689,041</b>	<b>7,779,622</b>	<b>12,468,664</b>
					TRUE
Residential					12,468,664
Commercial			\$ 2,317,742	\$ 6,272,018	\$ 8,589,760
Construction			220,267	547,528	767,795
Irrigation			102,521	283,294	385,815
Multi Family			206,392	552,276	758,669
Wastewater Treatment Plant			52,906	118,882	171,788
Wholesale			2,110	5,624	7,735
			1,787,104	-	1,787,104
			\$ 4,689,041	\$ 7,779,622	\$ 12,468,664
					TRUE

West Travis County Public Utility Agency  
FYE 2013 Budget Planning

## Schedule 24

## Wholesale Volumetric Rate

2014 Rate Analysis	Cost Allocation	Gallons	2014	Plus Raw Water Charge	Total Volumetric Rate
CRYSTAL MOUNTAIN HOA, INC.	\$ 43,682	20,076,391	\$ 2.18	\$ 0.51	\$ 2.69
DEER CREEK RANCH WATER CO., LLC	\$ 71,683	36,818,885	\$ 1.95	\$ 0.05	\$ 2.00
DRIPPING SPRINGS WSC	\$ 348,516	166,598,229	\$ 2.09	\$ 0.05	\$ 2.14
EANES ISD	\$ 19,758	8,582,500	\$ 2.30	\$ 0.05	\$ 2.35
HAYS COUNTY WCID #1	\$ 378,512	192,093,720	\$ 1.97	\$ 0.05	\$ 2.02
LAZY NINE MUD	\$ 42,143	23,328,000	\$ 1.81	\$ 0.05	\$ 1.86
REUNION RANCH WCID	\$ 26,564	13,122,000	\$ 2.02	\$ 0.05	\$ 2.08
SENNA HILLS MUD #1	\$ 257,257	125,184,594	\$ 2.06	\$ 0.05	\$ 2.11
BARTON CREEK WEST WSC	\$ 251,290	121,158,228	\$ 2.07	\$ 0.51	\$ 2.59
HAYS COUNTY WCID #2	\$ 142,907	71,070,720	\$ 2.01	\$ 0.05	\$ 2.06
CITY OF DRIPPING SPRINGS	\$ 9,839	4,860,000	\$ 2.02	\$ 0.05	\$ 2.08
TRAVIS COUNTY MUD #12	\$ 181,608	88,373,085	\$ 2.06	\$ 0.05	\$ 2.11
Travis County MUD #18, Masonwood	\$ 13,345	6,480,000	\$ 2.06	\$ 0.05	\$ 2.11
Wastewater Treatment Plant	\$ 7,735	1,095,000	\$ 7.06	\$ 0.05	\$ 7.12
Retail Costs (O&M Only - Excluding Debt)	\$ 4,699,325	1,158,227,695	\$ 4.06	\$ 0.05	\$ 4.11
TOTAL	\$ 6,494,163	2,037,069,046	\$ 3.19		

FALSE TRUE

\$ 6,494,163

**West Travis County Public Utility Agency  
FYE 2013 Budget Planning**

**Schedule 25**

**Raw Water Surcharge Calculation**

LCRA Raw Water Cost per Acre Foot	\$	151.00
Gallons per Acre Foot		325,851
LCRA Raw Water Cost per Thousand Gallon	\$	0.4634
Sample District Consumption		1,000,000
Assumed Water Loss		10%
Total Raw Water Production		1,111,111
District Billed Raw Water		1,000,000
PUA Billed Raw Water		111,111
PUA Raw Water Bill for the District	\$	51.49
Raw Water Surcharge Fee (per thousand gallons)	\$	0.05149
Raw Water Surcharge to District	\$	51.49
Raw Water Surcharge Fee = [LCRA raw water cost per thousand gallons/(1-.10 water loss)]/10		
Effective Raw Water Rate for PUA Customers Using PUA Raw Water (Built-Out)	\$	0.5149



West Travis county Public Utility Agency  
FYE2014 Rate StudySchedule 26  
Wastewater System-Wide and Wastewater ONLY - 2014

	2014	System-Wide	Treatment WW ONLY	System-Wide Costs	WW ONLY	Notes
<b>Expense</b>						
<b>(1) Water Department - Expense</b>						
<b>16100 - LCRA Raw Water Reservation Fees</b>						
16101 - LCRA - Raw Water Used (W)	71,348	100%		71,348	0	Considered as "Retail-Only" - raw water cost for wholesale customers to be calculated later in analysis.
16102 - LCRA - Raw Water Reservation(W)	0			0	0	Considered as "Retail-Only" - raw water cost for wholesale customers to be calculated later in analysis.
16110 - Contract Operations - Water	0			0	0	
16111 - Base Fee for Services (W)	0			0	0	
16112 - Maintenance & Repairs (W)	0			0	0	
System Wide	0			0	0	
Distribution System	0			0	0	
Preventative Maintenance - Plant	0			0	0	
Preventative Maintenance - Distribution System	0			0	0	
16113 - Customer Service (W)	0			0	0	
16114 - Engineering/ Const Fees (W)	0			0	0	
16120 - Material & Supplies (W)	0			0	0	
16130 - Chemicals (W)	0			0	0	
Sludge Removal	0			0	0	
16150 - Outside Services (W)	0			0	0	
16160 - Utilities - Electric (W)	0			0	0	
16170 - Utilities - Telephone (W)	0			0	0	
16180 - Environmental Regulatory Fee(W)	0			0	0	
16190 - Other Expenses (W)	0			0	0	
<b>(2) Wastewater Department - Exp</b>						
16200 - Contract Operations-Wastewater	0			0	0	
16201 - Base Fee for Services (WW)	244,951	100%		244,951	0	
16202 - Maintenance & Repairs (WW)	0	100%		0	0	
Lakeway WWTP Maintenance	271,122	100%		271,122	0	
Bohl's WWTP Maintenance	17,200	100%		17,200	0	
Lift Station #14 Maintenance	89,821	100%		89,821	0	
Other Lift Station Maintenance	111,452	100%		111,452	0	
Collection System Maintenance	4,179		100%	0	4,179	
Preventative Maintenance - Plant	25,000	100%		25,000	0	
Preventative Maintenance - Collection System	15,000		100%	0	15,000	
I&I Study and Maintenance	100,000		100%	0	100,000	
Industrial Pre Treatment Program	40,000		100%	0	40,000	
16203 - Customer Services (WW)	38,160		100%	0	38,160	
16210 - Materials & Supplies (WW)	0	100%		0	0	
16214 - Engineering/ Const Fees (W)	26,500	100%		26,500	0	
Bohl's Irrigation	4,500	100%		4,500	0	
16220 - Chemicals (WW)	156,746	100%		156,746	0	
16230 - Sludge Disposal (WW)	365,056	100%		365,056	0	
16240 - Utilities - Electric (WW)	0	100%		0	0	
Lakepointe WWTP	127,264	50%	50%	63,632	63,632	
Lift Station #14	15,467		100%	0	15,467	
Remaining WW Electric	32,175		100%	0	32,175	
16250 - Utilities - Telephone (WW)	5,861	100%		5,861	0	
16260 - Environmental Regulatory Fe(WW)	0	100%		0	0	
16270 - Other Expense (WW)	3,837	100%		3,837	0	
16280 - Utilities - Gas (WW)	627	100%		627	0	
16330 - Special Programs	0			0	0	
<b>(3) Shared Department - Expense</b>						
16300 - Professional Services	0			0	0	
General Operating	0			0	0	
16311 - General Counsel - Operating	110,154	74%	26%	81,176	28,978	Composite of direct expenses, excluding commodities
16312 - Engineering - Operating	113,951	74%	26%	83,974	29,977	Composite of direct expenses, excluding commodities
16313 - General Manager - Operating	0			0	0	Composite of direct expenses, excluding commodities
16314 - Bookkeeping - Operating	19,854	74%	26%	14,631	5,223	Composite of direct expenses, excluding commodities
16315 - Financial Manager - Operating	26,269	74%	26%	19,358	6,911	Composite of direct expenses, excluding commodities

## Schedule 26

## Wastewater System-Wide and Wastewater ONLY - 2014

	2014	System-Wide	Treatment WW ONLY	System-Wide Costs	WW ONLY	Notes
16316 • Auditor - Operating	9,914	74%	26%	7,306	2,608	Composite of direct expenses, excluding commodities
16317 • General Counsel-Litigation	0	74%	26%	0	0	Composite of direct expenses, excluding commodities
Special Contract Services	0	74%	26%	0	0	Composite of direct expenses, excluding commodities
16322 • Rate Study - Special Contract	11,015	74%	26%	8,118	2,898	Composite of direct expenses, excluding commodities
16323 • Inspections/Plan Review-Special	0	74%	26%	0	0	Composite of direct expenses, excluding commodities
16323 • Inspections/Plan Review-Special - Other	0			0	0	Composite of direct expenses, excluding commodities
16324 • Other Engineering Analyses-Spec	2,203	74%	26%	1,624	580	Composite of direct expenses, excluding commodities
Transitional Support Services	0			0	0	Composite of direct expenses, excluding commodities
16301 • General Counsel - Transitional	0			0	0	Composite of direct expenses, excluding commodities
16302 • Engineering - Transitional	0			0	0	Composite of direct expenses, excluding commodities
630201 • Task 22 - SER Activities	0			0	0	Composite of direct expenses, excluding commodities
16302 • Engineering - Transitional - Other	0			0	0	Composite of direct expenses, excluding commodities
16303 • General Manager - Transitional	0			0	0	Composite of direct expenses, excluding commodities
16304 • Bookkeeping - Transitional	0			0	0	Composite of direct expenses, excluding commodities
16305 • Financial Manager -Transitional	0			0	0	Composite of direct expenses, excluding commodities
16306 • Misc - Transitional	0			0	0	Composite of direct expenses, excluding commodities
16307 • Auditor	0			0	0	Composite of direct expenses, excluding commodities
16331 • Inventory Purchases Not Funded	0		100%	0	0	
16332 • Leak Detection Program	0	50%	50%	0	0	
16333 • SCADA Control System Maintenance	0	100%		0	0	
16335 • Tools & Shop Supplies	0	100%		0	0	Composite of direct expenses, excluding commodities
16336 • Computer Maintenance & Repair	7,402	100%		7,402	0	Composite of direct expenses, excluding commodities
16338 • Janitor/Contract Labor	0	74%	26%	0	0	Composite of direct expenses, excluding commodities
16339 • Office Data & Supplies	6,609	74%	26%	4,871	1,739	Composite of direct expenses, excluding commodities
16340 • Membership & Dues	3,855	74%	26%	2,841	1,014	Composite of direct expenses, excluding commodities
16341 • Utilities - Office & Outside Fa	578	74%	26%	426	152	Composite of direct expenses, excluding commodities
16342 • Conservation Education & Enforc	0		100%	0	0	
16343 • Insurance - General	32,917	74%	26%	24,258	8,660	Composite of direct expenses, excluding commodities
16344 • Bank Charges	162	74%	26%	120	43	Composite of direct expenses, excluding commodities
16345 • Misc. Operating Expense	1,025	74%	26%	755	270	Composite of direct expenses, excluding commodities
16347 • Lease Expense	14,850	74%	26%	10,944	3,907	Composite of direct expenses, excluding commodities
16410 • Salaries	113,304	74%	26%	83,497	29,807	Composite of direct expenses, excluding commodities
16420 • FICA and Benefits	38,790	74%	26%	28,585	10,204	Composite of direct expenses, excluding commodities
16560 • Miscellaneous Expense	22,535	74%	26%	16,607	5,928	Composite of direct expenses, excluding commodities
17110 • Capital Outlay	0	74%	26%	0	0	Composite of direct expenses, excluding commodities
Total O&M Expense	2,301,654			1,854,144	447,510	
Annual Debt Service						
Wholesale Customer Debt Service and Times Coverage - Water	0	100%		0	0	
Wholesale Customer Debt Service and Times Coverage - Wastewater	0	100%		0	0	

Schedule 26  
Wastewater System-Wide and Wastewater ONLY - 2014

	2014	System-Wide	Treatment WW ONLY	System-Wide Costs	WW ONLY	Notes
Effluent Debt Service and Times Coverage	36,488	100%		36,488	0	
Retail Customer Debt Service and Times Coverage - Water	0		100%	0	0	
Retail Customer Debt Service and Times Coverage - Wastewater	953,291		100%	0	953,291	
	989,779			36,488	953,291	
<b>TOTAL ANNUAL EXPENSE</b>	<b>3,291,433</b>			<b>1,890,631</b>	<b>1,400,802</b>	
<b>Income</b>				<b>TRUE</b>	<b>3,291,433</b>	
(1) Water Department - Revenue						
14100 - Retail Revenues - Water						
14101 - Minimum Bill Revenues (W)	0	100%		0	0	
14102 - Volumetric Revenues (W)	0	100%		0	0	
14103 - Application Fee (W)	20,160		100%	0	20,160	
14104 - Tap Fees (W)	0		100%	0	0	
14105 - Late Fee (W)	53,300		100%	0	53,300	
14106 - Return Check Fee (W)	462		100%	0	462	
14107 - Inspection Fee (W)	365		100%	0	365	
14108 - Inquiry Fee	782		100%	0	782	
14110 - Wholesale Revenues - (WSW)	0			0	0	
14111 - Minimum Bill Revenues (WSW)	0			0	0	
14112 - Volumetric Revenues (WSW)	0			0	0	
14120 - Other Revenues (W)	0			0	0	
14121 - LUE Reservation Fees (W)	0			0	0	
LUE Reservation Fees - Retail off Set	0			0	0	
LUE Reservation Fees - system wide offset	0			0	0	
14122 - Irrigation Customer Sales (W)	0			0	0	
14123 - Meter Set Fee (W)	0		100%	0	0	
14124 - Connection Fees	0		100%	0	0	
14125 - Billing Services (W)	7,400		100%	0	7,400	
14126 - Drainage Fees	0	100%		0	0	
(2) Wastewater Department - Rev	0			0	0	
14200 - Retail & Wholesale Revenues (WW)	0	100%		0	0	
14201 - Minimum Bill/Volumetric Rev (WW)	0	100%		0	0	
Wholesale Minimum Bill	0			0	0	
Wholesale Volumetric Rate	0			0	0	
Application Fees	0			0	0	
14204 - Tap Fee (WW)	175,450		100%	0	175,450	
SER Revenues	11,268	74%	26%	8,303	2,964	Allocated on same basis as salaries.
Late Fees	0			0	0	
Returned Check Fees	0			0	0	
Inspection Fees	173	100%		173	0	
14220 - Other Revenues (WW)	0	100%		0	0	
14221 - Grinder Pump Surcharge (WW)	15,475		100%	0	15,475	
14222 - Billing Services (WW)	12,300		100%	0	12,300	
(3) Shared Department - Revenue	0			0	0	
14300 - Shared Department	0	100%		0	0	
14304 - Interest Earned on Checking	0	57%	43%	0	0	Expense Composite
<b>Total Income</b>	<b>297,135</b>			<b>8,476</b>	<b>288,658</b>	
<b>TOTAL REVENUE REQUIREMENT</b>	<b>\$ 2,994,298</b>			<b>\$ 1,882,155</b>	<b>\$ 1,112,144</b>	
	<b>TRUE</b>			<b>\$ 2,994,298</b>	<b>TRUE</b>	
<b>Direct Expenses</b>	<b>1,766,264</b>			<b>1,457,652</b>	<b>308,612</b>	
<b>Less Commodities</b>	<b>(593,150)</b>			<b>(593,150)</b>	<b>-</b>	
	<b>1,173,115</b>			<b>864,503</b>	<b>308,612</b>	
				<b>74%</b>	<b>26%</b>	
<b>Total Expense Composite</b>				<b>57%</b>	<b>43%</b>	

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## Exhibit D

West Travis county Public Utility Agency  
FYE2014 Rate Study

Schedule 27  
Effluent and Wastewater Allocation - 2014

Expense	2014 System- Wide Costs	% of Effluent WW	% of Effluent Costs	WW	Notes
(1) Water Department - Expense					
16100 - LCRA Raw Water Reservation Fees					
16101 - LCRA - Raw Water Used (W)	71,348	100%	71,348	0	Considered as "Retail-Only" - raw water cost for wholesale customers to be calculated later in analysis.
16102 - LCRA - Raw Water Reservation(W)	0	51%	49%	0	Considered as "Retail-Only" - raw water cost for wholesale customers to be calculated later in analysis.
16110 - Contract Operations - Water	0	51%	49%	0	0
16111 - Base Fee for Services (W)	0	51%	49%	0	0
16112 - Maintenance & Repairs (W)	0	51%	49%	0	0
System Wide	0	51%	49%	0	0
Distribution System	0	51%	49%	0	0
Preventative Maintenance - Plant	0	51%	49%	0	0
Preventative Maintenance - Distribution System	0	51%	49%	0	0
16113 - Customer Service (W)	0	51%	49%	0	0
16114 - Engineering/ Const Fees (W)	0	51%	49%	0	0
16120 - Material & Supplies (W)	0	51%	49%	0	0
16130 - Chemicals (W)	0	51%	49%	0	0
Sludge Removal	0	51%	49%	0	0
16150 - Outside Services (W)	0	51%	49%	0	0
16160 - Utilities - Electric (W)	0	51%	49%	0	0
16170 - Utilities - Telephone (W)	0	51%	49%	0	0
16180 - Environmental Regulatory Fee(W)	0	51%	49%	0	0
16190 - Other Expenses (W)	0	51%	49%	0	0
(2) Wastewater Department - Exp					
16200 - Contract Operations-Wastewater	0	51%	49%	0	0
16201 - Base Fee for Services (WW)	244,951	51%	49%	124,295	120,656
16202 - Maintenance & Repairs (WW)	0	51%	49%	0	0
Lakepoint WWTP Maintenance	271,122	51%	49%	137,575	133,547
Bohl's WWTP Maintenance	17,200	51%	49%	8,728	8,472
Lift Station # 14 Maintenance	89,821	51%	49%	45,578	44,243
Other Lift Station Maintenance	111,452	51%	49%	56,554	54,898
Collection System Maintenance	0	51%	49%	0	0
Preventative Maintenance - Plant	25,000	51%	49%	12,686	12,314
Preventative Maintenance - Collection System	0	51%	49%	0	0
I&I Study and Maintenance	0	51%	49%	0	0
Industrial Pre Treatment Program	0	51%	49%	0	0
16203 - Customer Services (WW)	0	51%	49%	0	0
16210 - Materials & Supplies (WW)	0	51%	49%	0	0
16214 - Engineering/ Const Fees (W)	26,500	51%	49%	13,447	13,053
Bohl's Irrigation	4,500	51%	49%	2,283	2,217
16220 - Chemicals (WW)	156,746	51%	49%	79,538	77,209
16230 - Sludge Disposal (WW)	365,056	51%	49%	185,240	179,816
16240 - Utilities - Electric (WW)	0	51%	49%	0	0
Lakepoint WWTP	63,632	51%	49%	32,289	31,343
Lift Station #14	0	51%	49%	0	0
Remaining WW Electric	0	51%	49%	0	0
16250 - Utilities - Telephone (WW)	5,861	51%	49%	2,974	2,887
16260 - Environmental Regulatory Fe(WW)	0	51%	49%	0	0
16270 - Other Expense (WW)	3,837	51%	49%	1,947	1,890
16280 - Utilities - Gas (WW)	627	51%	49%	318	309
16330 - Special Programs	0	51%	49%	0	Preventative Maintenance
(3) Shared Department - Expense					
16300 - Professional Services	0	51%	49%	0	0
General Operating	0	51%	49%	0	0
16311 - General Counsel - Operating	81,176	51%	49%	41,191	39,985
16312 - Engineering - Operating	83,974	51%	49%	42,611	41,363
16313 - General Manager - Operating	0	51%	49%	0	0
					Composite of direct expenses, excluding commodities
					Composite of direct expenses, excluding commodities
					Composite of direct expenses, excluding commodities

Schedule 27  
Effluent and Wastewater Allocation - 2014

	2014 System-Wide Costs	% Effluent	% WW	Effluent Costs	WW	Notes
16314 • Bookkeeping - Operating	14,631	51%	49%	7,424	7,207	Composite of direct expenses, excluding commodities
16315 • Financial Manager - Operating	19,358	51%	49%	9,823	9,535	Composite of direct expenses, excluding commodities
16316 • Auditor - Operating	7,306	51%	49%	3,707	3,599	Composite of direct expenses, excluding commodities
16317 • General Counsel-Litigation	0	51%	49%	0	0	Composite of direct expenses, excluding commodities
Special Contract Services	0	51%	49%	0	0	Composite of direct expenses, excluding commodities
16322 • Rate Study - Special Contract	8,118	51%	49%	4,119	3,998	Composite of direct expenses, excluding commodities
16323 • Inspections/Plan Review-Special	0	51%	49%	0	0	Composite of direct expenses, excluding commodities
16323 • Inspections/Plan Review-Special - Other	0	51%	49%	0	0	Composite of direct expenses, excluding commodities
16324 • Other Engineering Analyses-Spec	1,624	51%	49%	824	800	Composite of direct expenses, excluding commodities
Transitional Support Services	0	51%	49%	0	0	Composite of direct expenses, excluding commodities
16301 • General Counsel - Transitional	0	51%	49%	0	0	Composite of direct expenses, excluding commodities
16302 • Engineering - Transitional	0	51%	49%	0	0	Composite of direct expenses, excluding commodities
630201 • Task 22 - SER Activities	0	51%	49%	0	0	Composite of direct expenses, excluding commodities
16302 • Engineering - Transitional - Other	0	51%	49%	0	0	Composite of direct expenses, excluding commodities
16303 • General Manager - Transitional	0	51%	49%	0	0	Composite of direct expenses, excluding commodities
16304 • Bookkeeping - Transitional	0	51%	49%	0	0	Composite of direct expenses, excluding commodities
16305 • Financial Manager - Transitional	0	51%	49%	0	0	Composite of direct expenses, excluding commodities
16306 • Misc - Transitional	0	51%	49%	0	0	Composite of direct expenses, excluding commodities
16307 • Auditor	0	51%	49%	0	0	Composite of direct expenses, excluding commodities
16331 • Inventory Purchases Not Funded	0	51%	49%	0	0	
16332 • Leak Detection Program	0	51%	49%	0	0	
16333 • SCADA Control System Maintenance	0	51%	49%	0	0	
16335 • Tools & Shop Supplies	0	51%	49%	0	0	Composite of direct expenses, excluding commodities
16336 • Computer Maintenance & Repair	7,402	51%	49%	3,756	3,646	Composite of direct expenses, excluding commodities
16338 • Janitor/Contract Labor	0	51%	49%	0	0	Composite of direct expenses, excluding commodities
16339 • Office Data & Supplies	4,871	51%	49%	2,471	2,399	Composite of direct expenses, excluding commodities
16340 • Membership & Dues	2,841	51%	49%	1,442	1,399	Composite of direct expenses, excluding commodities
16341 • Utilities - Office & Outside Fa	426	51%	49%	216	210	Composite of direct expenses, excluding commodities
16342 • Conservation Education & Enforc	0	51%	49%	0	0	
16343 • Insurance - General	24,258	1%	99%	322	23,936	Based on assets
16344 • Bank Charges	120	51%	49%	61	59	Composite of direct expenses, excluding commodities
16345 • Misc. Operating Expense	755	51%	49%	383	372	Composite of direct expenses, excluding commodities
16347 • Lease Expense	10,944	51%	49%	5,553	5,390	Composite of direct expenses, excluding commodities
16410 • Salaries	83,497	51%	49%	42,369	41,128	Composite of direct expenses, excluding commodities
16420 • FICA and Benefits	28,585	51%	49%	14,505	14,080	Composite of direct expenses, excluding commodities
16560 • Miscellaneous Expense	16,607	51%	49%	8,427	8,180	Composite of direct expenses, excluding commodities
17110 • Capital Outlay	0	51%	49%	0	0	

## Schedule 27

## Effluent and Wastewater Allocation - 2014

	2014 System-Wide Costs	% Effluent	% WW	Effluent Costs	WW	Notes
<b>Total O&amp;M Expense</b>	1,854,144			964,002	890,142	
<b>Annual Debt Service</b>						
Wholesale Customer Debt Service and Times Coverage - Water	0	51%	49%	0	0	
Wholesale Customer Debt Service and Times Coverage - Wastewater	0	51%	49%	0	0	
Effluent Debt Service and Times Coverage	36,488	100%		36,488	0	
Retail Customer Debt Service and Times Coverage - Water	0	51%	49%	0	0	
Retail Customer Debt Service and Times Coverage - Wastewater	0	51%	49%	0	0	
	36,488			36,488	0	
<b>TOTAL ANNUAL EXPENSE</b>	1,890,631	51%	49%	1,000,489	890,142	
<b>Income</b>						
<b>(1) Water Department - Revenue</b>						
14100 • Retail Revenues - Water		51%	49%			
14101 • Minimum Bill Revenues (W)	0	51%	49%	0	0	
14102 • Volumetric Revenues (W)	0	51%	49%	0	0	
14103 • Application Fee (W)	0	51%	49%	0	0	Customer Count
14104 • Tap Fees (W)	0	51%	49%	0	0	
14105 • Late Fee (W)	0	51%	49%	0	0	Expense Composite
14106 • Return Check Fee (W)	0	51%	49%	0	0	Expense Composite
14107 • Inspection Fee (W)	0	51%	49%	0	0	Expense Composite
14108 • Inquiry Fee	0	51%	49%	0	0	Expense Composite
14110 • Wholesale Revenues - (WSW)	0	51%	49%	0	0	
14111 • Minimum Bill Revenues (WSW)	0	51%	49%	0	0	
14112 • Volumetric Revenues (WSW)	0	51%	49%	0	0	
14120 • Other Revenues (W)	0	51%	49%	0	0	
14121 • LUE Reservation Fees (W)	0	51%	49%	0	0	
LUE Reservation Fees - Retail	0	51%	49%	0	0	
LUE Reservation Fees - System Wide	0	51%	49%	0	0	
14122 • Irrigation Customer Sales (W)	0	51%	49%	0	0	
14123 • Meter Set Fee (W)	0	51%	49%	0	0	Customer Count
14124 • Connection Fees	0	51%	49%	0	0	Customer Count
14125 • Billing Services (W)	0	51%	49%	0	0	Customer Count
14126 • Drainage Fees	0	51%	49%	0	0	
<b>(2) Wastewater Department - Rev</b>	0	51%	49%	0	0	
14200 • Retail & Wholesale Revenues (WW)	0	51%	49%	0	0	
14201 • Minimum Bill/Volumetric Rev (WW)	0	51%	49%	0	0	
Wholesale Minimum Bill	0	51%	49%	0	0	
Wholesale Volumetric Rate	0	51%	49%	0	0	
Application Fees	0	51%	49%	0	0	
14204 • Tap Fee (WW)	0	51%	49%	0	0	
SER Fees	8,303	51%	49%	4,213	4,090	Allocated on same basis as salaries.
Late Fees	0	51%	49%	0	0	
Return Check Fees	0	51%	49%	0	0	
Inspection Fees	173	51%	49%	88	85	
14220 • Other Revenues (WW)	0	51%	49%	0	0	
14221 • Grinder Pump Surcharge (WW)	0	51%	49%	0	0	Customer Count
14222 • Billing Services (WW)	0	51%	49%	0	0	Customer Count
<b>(3) Shared Department - Revenue</b>	0	51%	49%	0	0	
14300 • Shared Department	0	51%	49%	0	0	
14304 • Interest Earned on Checking	0	51%	49%	0	0	Expense Composite
<b>Total Income</b>	8,476			4,301	4,175	
<b>TOTAL REVENUE REQUIREMENT</b>	\$ 1,882,155			\$ 996,188	\$ 885,967	
	TRUE			1,882,154.85		
				TRUE		
<b>Wastewater Gallons</b>	235,281,000	51%	49%			
<b>Effluent Gallons</b>	242,377,751					
	477,658,751					
<b>Wastewater Assets</b>	42,723,222	1%	99%			
<b>Effluent Assets</b>	573,996					

Schedule 27  
Effluent and Wastewater Allocation - 2014

2014 System-Wide Costs	% Effluent	% WW	Effluent Costs	WW	Notes
43,297,218					

West Travis county Public Utility Agency  
FYE2014 Rate Study

## Schedule 28

## Total Wastewater Costs - 2014

	WW ONLY	System-Wide Costs Allocated to WW	Total	Notes
<b>Expense</b>				
<b>(1) Water Department - Expense</b>				
<b>16100 - LCRA Raw Water Reservation Fees</b>				
16101 - LCRA - Raw Water Used (W)	0	0	0	Considered as "Retail-Only" - raw water cost for wholesale customers to be calculated later in analysis.
16102 - LCRA - Raw Water Reservation(W)	0	0	0	Considered as "Retail-Only" - raw water cost for wholesale customers to be calculated later in analysis.
16110 - Contract Operations - Water	0	0	0	
16111 - Base Fee for Services (W)	0	0	0	
16112 - Maintenance & Repairs (W)	0	0	0	
System Wide	0	0	0	
Distribution System	0	0	0	
Preventative Maintenance - Plant	0	0	0	
Preventative Maintenance - Distribution System	0	0	0	
16113 - Customer Service (W)	0	0	0	
16114 - Engineering/ Const Fees (W)	0	0	0	
16120 - Material & Supplies (W)	0	0	0	
16130 - Chemicals (W)	0	0	0	
Sludge Removal	0	0	0	
16150 - Outside Services (W)	0	0	0	
16160 - Utilities - Electric (W)	0	0	0	
16170 - Utilities - Telephone (W)	0	0	0	
16180 - Environmental Regulatory Fee(W)	0	0	0	
16190 - Other Expenses (W)	0	0	0	
<b>(2) Wastewater Department - Exp</b>				
16200 - Contract Operations-Wastewater	0	0	0	
16201 - Base Fee for Services (WW)	0	120,656	120,656	
16202 - Maintenance & Repairs (WW)	0	0	0	
Lakepoint WWTP Maintenance	0	133,547	133,547	
Bohl's WWTP Maintenance	0	8,472	8,472	
Lift Station #14 Maintenance	0	44,243	44,243	
Other Lift Station Maintenance	0	54,898	54,898	
Collection System Maintenance	4,179	0	4,179	
Preventative Maintenance - Plant	0	12,314	12,314	
Preventative Maintenance - Collection System	15,000	0	15,000	
I&I Study and Maintenance	100,000	0	100,000	
Industrial Pre Treatment Program	40,000	0	40,000	
16203 - Customer Services (WW)	38,160	0	38,160	
16210 - Materials & Supplies (WW)	0	0	0	
16214 - Engineering/ Const Fees (W)	0	13,053	13,053	
Bohl's Irrigation	0	2,217	2,217	
16220 - Chemicals (WW)	0	77,209	77,209	
16230 - Sludge Disposal (WW)	0	179,816	179,816	
16240 - Utilities - Electric (WW)	0	0	0	
Lakepoint WWTP	63,632	31,343	94,975	
Lift Station #14	15,467	0	15,467	



## Schedule 28

## Total Wastewater Costs - 2014

	WW ONLY	System-Wide Costs Allocated to WW	Total	Notes
Remaining WW Electric	32,175	0	32,175	
16250 • Utilities - Telephone (WW)	0	2,887	2,887	
16260 • Environmental Regulatory Fe(WW)	0	0	0	
16270 • Other Expense (WW)	0	1,890	1,890	
16280 • Utilities - Gas (WW)	0	309	309	
16330 • Special Programs	0	0	0	Preventative Maintenance
(3) Shared Department - Expense	0	0	0	
16300 • Professional Services	0	0	0	
General Operating	0	0	0	
16311 • General Counsel - Operating	28,978	39,985	68,963	Composite of direct expenses, excluding commodities
16312 • Engineering - Operating	29,977	41,363	71,340	Composite of direct expenses, excluding commodities
16313 • General Manager - Operating	0	0	0	Composite of direct expenses, excluding commodities
16314 • Bookkeeping - Operating	5,223	7,207	12,430	Composite of direct expenses, excluding commodities
16315 • Financial Manager - Operating	6,911	9,535	16,446	Composite of direct expenses, excluding commodities
16316 • Auditor - Operating	2,608	3,599	6,207	Composite of direct expenses, excluding commodities
16317 • General Counsel-Litigation	0	0	0	Composite of direct expenses, excluding commodities
Special Contract Services	0	0	0	Composite of direct expenses, excluding commodities
16322 • Rate Study - Special Contract	2,898	3,998	6,896	Composite of direct expenses, excluding commodities
16323 • Inspections/Plan Review-Special	0	0	0	Composite of direct expenses, excluding commodities
16323 • Inspections/Plan Review-Special - Othe	0	0	0	Composite of direct expenses, excluding commodities
16324 • Other Engineering Analyses-Spec	580	800	1,379	Composite of direct expenses, excluding commodities
Transitional Support Services	0	0	0	Composite of direct expenses, excluding commodities
16301 • General Counsel - Transitional	0	0	0	Composite of direct expenses, excluding commodities
16302 • Engineering - Transitional	0	0	0	Composite of direct expenses, excluding commodities
630201 • Task 22 - SER Activities	0	0	0	Composite of direct expenses, excluding commodities
16302 • Engineering - Transitional - Other	0	0	0	Composite of direct expenses, excluding commodities
16303 • General Manager - Transitional	0	0	0	Composite of direct expenses, excluding commodities
16304 • Bookkeeping - Transitional	0	0	0	Composite of direct expenses, excluding commodities
16305 • Financial Manager -Transitional	0	0	0	Composite of direct expenses, excluding commodities
16306 • Misc - Transitional	0	0	0	Composite of direct expenses, excluding commodities
16307 • Auditor	0	0	0	Composite of direct expenses, excluding commodities

## Schedule 28

## Total Wastewater Costs - 2014

	WW ONLY	System-Wide Costs Allocated to WW	Total	Notes
16331 • Inventory Purchases Not Funded	0	0	0	
16332 • Leak Detection Program	0	0	0	
16333 • SCADA Control System Maintenance	0	0	0	
16335 • Tools & Shop Supplies	0	0	0	Composite of direct expenses, excluding commodities
16336 • Computer Maintenance & Repair	0	3,646	3,646	Composite of direct expenses, excluding commodities
16338 • Janitor/Contract Labor	0	0	0	Composite of direct expenses, excluding commodities
16339 • Office Data & Supplies	1,739	2,399	4,138	Composite of direct expenses, excluding commodities
16340 • Membership & Dues	1,014	1,399	2,414	Composite of direct expenses, excluding commodities
16341 • Utilities - Office & Outside Fa	152	210	362	Composite of direct expenses, excluding commodities
16342 • Conservation Education & Enforc	0	0	0	
16343 • Insurance - General	8,660	23,936	32,596	Based on assets
16344 • Bank Charges	43	59	102	Composite of direct expenses, excluding commodities
16345 • Misc. Operating Expense	270	372	642	Composite of direct expenses, excluding commodities
16347 • Lease Expense	3,907	5,390	9,297	Composite of direct expenses, excluding commodities
16410 • Salaries	29,807	41,128	70,935	Composite of direct expenses, excluding commodities
16420 • FICA and Benefits	10,204	14,080	24,285	Composite of direct expenses, excluding commodities
16560 • Miscellaneous Expense	5,928	8,180	14,108	Composite of direct expenses, excluding commodities
17110 • Capital Outlay	0	0	0	
<b>Total O&amp;M Expense</b>	<b>447,510</b>	<b>890,142</b>	<b>1,337,652</b>	
<b>Annual Debt Service</b>				
Wholesale Customer Debt Service and Times Coverage	0	0	0	
Wholesale Customer Debt Service and Times Coverage	0	0	0	
Effluent Debt Service and Times Coverage	0	0	0	
Retail Customer Debt Service and Times Coverage - W	0	0	0	
Retail Customer Debt Service and Times Coverage - W	953,291	0	953,291	
	953,291	0	953,291	
<b>TOTAL ANNUAL EXPENSE</b>	<b>1,400,802</b>	<b>890,142</b>	<b>2,290,944</b>	
<b>Income</b>				
<b>(1) Water Department - Revenue</b>				
<b>14100 • Retail Revenues - Water</b>				
14101 • Minimum Bill Revenues (W)	0	0	0	
14102 • Volumetric Revenues (W)	0	0	0	
14103 • Application Fee (W)	20,160	0	20,160	Customer Count
14104 • Tap Fees (W)	0	0	0	
14105 • Late Fee (W)	53,300	0	53,300	Expense Composite
14106 • Return Check Fee (W)	462	0	462	Expense Composite
14107 • Inspection Fee (W)	365	0	365	Expense Composite

## Schedule 28

## Total Wastewater Costs - 2014

	WW ONLY	System-Wide Costs Allocated to WW	Total	Notes
14108 • Inquiry Fee	782	0	782	Expense Composite
14110 • Wholesale Revenues - (WSW)	0	0	0	
14111 • Minimum Bill Revenues (WSW)	0	0	0	
14112 • Volumetric Revenues (WSW)	0	0	0	
14120 • Other Revenues (W)	0	0	0	
14121 • LUE Reservation Fees (W)	0	0	0	
LUE Reservation Fees Retail	0	0	0	
LUE Reservation Fees system wide	0	0	0	
14122 • Irrigation Customer Sales (W)	0	0	0	
14123 • Meter Set Fee (W)	0	0	0	Customer Count
14124 • Connection Fees	0	0	0	Customer Count
14125 • Billing Services (W)	7,400	0	7,400	Customer Count
14126 • Drainage Fees	0	0	0	
(2) Wastewater Department - Rev	0	0	0	
14200 • Retail & Wholesale Revenues (WW)	0	0	0	
14201 • Minimum Bill/Volumetric Rev (WW)	0	0	0	
Wholesale Minimum Bill	0	0	0	
Wholesale Volumetric Rate	0	0	0	
Application Fees	0	0	0	
14204 • Tap Fee (WW)	175,450	0	175,450	
SER Revenues	2,964	4,090	7,054	
Late Fees	0	0	0	
Returned Check Fees	0	0	0	
14207 • Inspection Fee (WW)	0	85	85	
14220 • Other Revenues (WW)	0	0	0	
14221 • Grinder Pump Surcharge (WW)	15,475	0	15,475	Customer Count
14222 • Billing Services (WW)	12,300	0	12,300	Customer Count
(3) Shared Department - Revenue	0	0	0	
14300 • Shared Department	0	0	0	
14304 • Interest Earned on Checking	0	0	0	Expense Composite
Total Income	288,658	4,175	292,834	
<b>TOTAL REVENUE REQUIREMENT</b>	<b>\$ 1,112,144</b>	<b>\$ 885,967</b>	<b>\$ 1,998,110</b>	<b>TRUE</b>

West Travis county Public Utility Agency  
FYE2014 Rate Study

Schedule 29  
Wastewater Retail and System-Wide Cost Allocation - 2014

Expense	2014	% System -Wide	% Retail ONLY	System -Wide Costs	Retail ONLY	Notes
(1) Water Department - Expense						
16100 - LCRA Raw Water Reservation Fees						
16101 - LCRA - Raw Water Used (W)	0			0	0	
16102 - LCRA - Raw Water Reservation (W)	0			0	0	
16110 - Contract Operations - Water	0			0	0	
16111 - Base Fee for Services (W)	0			0	0	
16112 - Maintenance & Repairs (W)	0			0	0	
System Wide	0			0	0	
Distribution System	0			0	0	
Preventative Maintenance - Plant	0			0	0	
Preventative Maintenance - Distribution System	0			0	0	
16113 - Customer Service (W)	0			0	0	
16114 - Engineering/ Const Fees (W)	0			0	0	
16120 - Material & Supplies (W)	0			0	0	
16130 - Chemicals (W)	0			0	0	
Sludge Removal	0			0	0	
16150 - Outside Services (W)	0			0	0	
16160 - Utilities - Electric (W)	0			0	0	
16170 - Utilities - Telephone (W)	0			0	0	
16180 - Environmental Regulatory Fee (W)	0			0	0	
16190 - Other Expenses (W)	0			0	0	
(2) Wastewater Department - Exp	0			0	0	
16200 - Contract Operations-Wastewater	0			0	0	
16201 - Base Fee for Services (WW)	120,656	100%		120,656	0	
16202 - Maintenance & Repairs (WW)	0	100%		0	0	
Lakepoint WWTP	133,547	100%		133,547	0	
Bohl's WWTP	8,472	100%		8,472	0	
Lift Station #14	44,243	100%		44,243	0	
Other Lift Stations	54,898	100%		54,898	0	
Collection System Maintenance	4,179		100%	0	4,179	
Preventative Maintenance - Plant	12,314	100%		12,314	0	
Preventative Maintenance - Collection System	15,000		100%	0	15,000	
I&I Study and Maintenance	100,000		100%	0	100,000	
Industrial Pre Treatment Program	40,000		100%	0	40,000	
16203 - Customer Services (WW)	38,160		100%	0	38,160	
16210 - Materials & Supplies (WW)	0	100%		0	0	
16214 - Engineering/ Const Fees (W)	13,053	100%		13,053	0	
Bohl's Irrigation	2,217	100%		2,217	0	
16220 - Chemicals (WW)	77,209	100%		77,209	0	
16230 - Sludge Disposal (WW)	179,816	100%		179,816	0	
16240 - Utilities - Electric (WW)	0	100%		0	0	
Lakepoint WWTP	94,975	100%		94,975	0	
Lift Station #14	15,467	100%		15,467	0	
Remaining WW Electric	32,175	100%		32,175	0	
16250 - Utilities - Telephone (WW)	2,887	100%		2,887	0	
16260 - Environmental Regulatory Fee (WW)	0	100%		0	0	
16270 - Other Expense (WW)	1,890	100%		1,890	0	
16280 - Utilities - Gas (WW)	309	100%		309	0	
16330 - Special Programs	0		100%	0	0	
(3) Shared Department - Expense	0			0	0	
16300 - Professional Services	0			0	0	
General Operating	0			0	0	
16311 - General Counsel - Operating	68,963	73%	27%	50,433	18,530	Composite of direct expenses, excluding commodities
16312 - Engineering - Operating	71,340	73%	27%	52,172	19,169	Composite of direct expenses, excluding commodities
16313 - General Manager - Operating	0			0	0	Composite of direct expenses, excluding commodities
16314 - Bookkeeping - Operating	12,430	73%	27%	9,090	3,340	Composite of direct expenses, excluding commodities
16315 - Financial Manager - Operating	16,446	73%	27%	12,027	4,419	Composite of direct expenses, excluding commodities
16316 - Auditor - Operating	6,207	73%	27%	4,539	1,668	Composite of direct expenses, excluding commodities
16317 - General Counsel-Litigation	0	73%	27%	0	0	Composite of direct expenses, excluding commodities
Special Contract Services	0	73%	27%	0	0	Composite of direct expenses, excluding commodities
16322 - Rate Study - Special Contract	6,896	73%	27%	5,043	1,853	Composite of direct expenses, excluding commodities

Schedule 29  
Wastewater Retail and System-Wide Cost Allocation - 2014

	2014	% System Wide	% Retail ONLY	System Wide Costs	Retail ONLY	Notes
16323 • Inspections/Plan Review-Special	0	73%	27%	0	0	Composite of direct expenses, excluding commodities
16323 • Inspections/Plan Review-Special - Other	0		100%	0	0	Composite of direct expenses, excluding commodities
16324 • Other Engineering Analyses-Spec	1,379	73%	27%	1,009	371	Composite of direct expenses, excluding commodities
Transitional Support Services	0			0	0	Composite of direct expenses, excluding commodities
16301 • General Counsel - Transitional	0			0	0	Composite of direct expenses, excluding commodities
16302 • Engineering - Transitional	0			0	0	Composite of direct expenses, excluding commodities
630201 • Task 22 - SER Activities	0			0	0	Composite of direct expenses, excluding commodities
16302 • Engineering - Transitional - Other	0			0	0	Composite of direct expenses, excluding commodities
16303 • General Manager - Transitional	0			0	0	Composite of direct expenses, excluding commodities
16304 • Bookkeeping - Transitional	0			0	0	Composite of direct expenses, excluding commodities
16305 • Financial Manager -Transitional	0			0	0	Composite of direct expenses, excluding commodities
16306 • Misc - Transitional	0			0	0	Composite of direct expenses, excluding commodities
16307 • Auditor	0			0	0	Composite of direct expenses, excluding commodities
16331 • Inventory Purchases Not Funded	0		100%	0	0	Composite of direct expenses, excluding commodities
16332 • Leak Detection Program	0	73%	27%	0	0	Composite of direct expenses, excluding commodities
16333 • SCADA Control System Maintenance	0	73%	27%	0	0	Composite of direct expenses, excluding commodities
16335 • Tools & Shop Supplies	0	73%	27%	0	0	Composite of direct expenses, excluding commodities
16336 • Computer Maintenance & Repair	3,646	73%	27%	2,666	980	Composite of direct expenses, excluding commodities
16338 • Janitor/Contract Labor	0	73%	27%	0	0	Composite of direct expenses, excluding commodities
16339 • Office Data & Supplies	4,138	73%	27%	3,026	1,112	Composite of direct expenses, excluding commodities
16340 • Membership & Dues	2,414	73%	27%	1,765	649	Composite of direct expenses, excluding commodities
16341 • Utilities - Office & Outside Fa	362	73%	27%	265	97	Composite of direct expenses, excluding commodities
16342 • Conservation Education & Enforce	0	73%	27%	0	0	Composite of direct expenses, excluding commodities
16343 • Insurance - General	32,596	73%	27%	23,838	8,758	Composite of direct expenses, excluding commodities
16344 • Bank Charges	102	73%	27%	74	27	Composite of direct expenses, excluding commodities
16345 • Misc. Operating Expense	642	73%	27%	469	172	Composite of direct expenses, excluding commodities
16347 • Lease Expense	9,297	73%	27%	6,799	2,498	Composite of direct expenses, excluding commodities
16410 • Salaries	70,935	73%	27%	51,875	19,060	Composite of direct expenses, excluding commodities
16420 • FICA and Benefits	24,285	73%	27%	17,760	6,525	Composite of direct expenses, excluding commodities
16560 • Miscellaneous Expense	14,108	73%	27%	10,318	3,791	Composite of direct expenses, excluding commodities
17110 • Capital Outlay	0	73%	27%	0	0	Composite of direct expenses, excluding commodities
Total O&M Expense	1,337,652			1,047,296	290,356	
Annual Debt Service						
Wholesale Customer Debt Service and Times Coverage - Water	0	100%		0	0	
Wholesale Customer Debt Service and Times Coverage - Wastewater	0	100%		0	0	
Effluent Debt Service and Times Coverage	0	100%		0	0	
Retail Customer Debt Service and Times Coverage - Water	0		100%	0	0	
Retail Customer Debt Service and Times Coverage - Wastewater	953,291		100%	0	953,291	
	953,291			0	953,291	
TOTAL ANNUAL EXPENSE	2,290,944			1,047,296	1,243,648	

Schedule 29  
Wastewater Retail and System-Wide Cost Allocation - 2014

	2014	% System -Wide	% Retail ONLY	System -Wide Costs	Retail ONLY	Notes
<b>Income</b>						
<b>(1) Water Department - Revenue</b>						
14100 - Retail Revenues - Water						
14101 - Minimum Bill Revenues (W)	0	100%		0	0	
14102 - Volumetric Revenues (W)	0	100%		0	0	
14103 - Application Fee (W)	20,160		100%	0	20,160	
14104 - Tap Fees (W)	0		100%	0	0	
14105 - Late Fee (W)	53,300		100%	0	53,300	
14106 - Return Check Fee (W)	462		100%	0	462	
14107 - Inspection Fee (W)	365		100%	0	365	
14108 - Inquiry Fee	782		100%	0	782	
14110 - Wholesale Revenues - (WSW)	0			0	0	
14111 - Minimum Bill Revenues (WSW)	0			0	0	
14112 - Volumetric Revenues (WSW)	0			0	0	
14120 - Other Revenues (W)	0			0	0	
14121 - LUE Reservation Fees (W)	0			0	0	
LUE Retail	0			0	0	
LUE system wide	0			0	0	
14122 - Irrigation Customer Sales (W)	0			0	0	
14123 - Meter Set Fee (W)	0		100%	0	0	
14124 - Connection Fees	0		100%	0	0	
14125 - Billing Services (W)	7,400		100%	0	7,400	
14126 - Drainage Fees	0	100%		0	0	
<b>(2) Wastewater Department - Rev</b>						
14200 - Retail & Wholesale Revenues (WW)	0	100%		0	0	
14201 - Minimum Bill/Volumetric Rev (WW)	0	100%		0	0	
wholesale minimum	0			0	0	
wholesale volumetric	0			0	0	
application fees	0			0	0	
14204 - Tap Fee (WW)	175,450		100%	0	175,450	
SER Fees	7,054	73%	27%	5,159	1,895	Allocated on same basis as salaries
late Fees	0			0	0	
Returned Check Fees	0			0	0	
Inspection Fees	85		100%	0	85	
14220 - Other Revenues (WW)	0	100%		0	0	
14221 - Grinder Pump Surcharge (WW)	15,475		100%	0	15,475	Customer Count
14222 - Billing Services (WW)	12,300		100%	0	12,300	Customer Count
<b>(3) Shared Department - Revenue</b>						
14300 - Shared Department	0	100%		0	0	
14304 - Interest Earned on Checking	0	46%	54%	0	0	Expense Composite
<b>Total Income</b>	<b>292,834</b>			<b>5,159</b>	<b>287,675</b>	
<b>TOTAL REVENUE REQUIREMENT</b>	<b>\$ 1,998,110</b>			<b>\$ 1,042,137</b>	<b>\$ 955,973</b>	
	<b>TRUE</b>			<b>TRUE</b>		
<b>Direct</b>	991,466			794,128	197,339	
<b>Less Commodities</b>	(257,025)			(257,025)	-	
	734,442			537,103	197,339	
				73%	27%	
<b>Total Expense Composite</b>				46%	54%	
<b>System Wide Wastewater Assets</b>	27,025,197	63%	37%			
<b>Retail Only Assets</b>	15,698,024					
	42,723,222					

**West Travis county Public Utility Agency  
FYE2014 Rate Study**

**Schedule 30  
Summary of Wastewater Cost Allocations**

	2014
<b>Effluent Costs</b>	\$ 996,188
<b>System-Wide Wastewater Costs</b>	1,042,137
<b>Retail Only Wastewater Costs</b>	<u>955,973</u>
	\$ 2,994,298
	TRUE
	\$ 2,994,298

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West Travis County Public Utility Agency  
FYE 2013 Budget Planning

Schedule 31  
Wastewater Customer Cost Allocation

Total Revenue Requirements	2014
System-Wide Costs excluding electric and R&M	\$ 646,046
WWTP Electric	94,975
LS#14 Electric	15,467
Other Electric	32,175
Lakepoint WWTP Maintenance	133,547
Bohl's WWTP Maintenance	8,472
Lift Station #14 Maintenance	44,243
Other Lift Station Maintenance	54,898
Collection System Maintenance	-
Preventative Maintenance - Plant	12,314
Preventative Maintenance - Collection System	-
1d1 Study and Maintenance	-
Industrial Pre Treatment Program	-
Wastewater Treatment Plant Use of Treated Water	7,735
Effluent Costs	996,188
Retail-Only Costs	955,973
	\$ 3,002,033
	TRUE

Projected Consumption	2014
Retail	233,748,000
Masonwood	1,533,000
WCID#17	24,980,800
	260,261,800

Percent of Total Flows	2014
Retail	90%
Masonwood	1%
WCID#17	10%
	100%

System-Wide Cost Allocation	2014
Retail	\$ 587,178
Masonwood	3,851
WCID#17	62,752
	\$ 653,781

WWTP Electric Cost Allocation	2014
Retail	\$ 85,100
Masonwood	559
WCID#17	9,116
	\$ 94,975

LS#14 Electric Cost Allocation	2014
Retail	\$ 13,691
Masonwood	91
WCID#17	1,485
	\$ 15,467

Other Electric Cost Allocation	2014
Retail	\$ 31,965
Masonwood	210
WCID#17	-
	\$ 32,175

Lakepoint WWTP and LS #14 Maintenance	2014
Retail	\$ 170,738
Masonwood	1,120
WCID#17	18,247
	\$ 190,104

Bohl's WWTP and Other Maintenance	2014
Retail	\$ 62,957
Masonwood	413
WCID#17	-
	\$ 63,370

Retail-Only Cost Allocation	2014
Retail	\$ 955,973
Masonwood	-
WCID#17	-
	\$ 955,973

Total Cost Allocation	2014
Retail	\$ 1,008,692
Effluent	996,188
Masonwood	6,244
WCID#17	91,599
	\$ 3,002,033
	TRUE



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West Travis County Public Utility Agency  
FYE 2013 Budget Planning

Schedule 32  
Historical Wastewater Data

	4/1/2012	3/1/2013	% Actual Growth
Retail Connection Count	1,641	1,794	9%

Read	Apt Swr	Blkr Swr	Comm Swr	Total Comm	Comm Irrig Swr	Dist Fac Swr	Multi Swr	Res Swr	Total Multi	Res Spk Swr	Temp Swr	Total Consumption	Total Retail Count	Avg Use
7/25/12	508	57	3,966	4,023	-	-	1,700	12,580	2,288	---	-	18,811	1,699	11.07
8/24/12	586	134	4,491	4,625	-	-	2,073	13,037	2,659	---	-	20,321	1,700	11.95
9/21/12	570	136	4,262	4,398	-	-	1,971	12,802	2,541	---	-	19,741	1,715	11.51
10/22/12	637	116	3,963	4,079	-	-	2,000	12,692	2,637	---	-	18,808	1,732	10.86
11/20/12	586	249	3,917	4,166	-	-	1,925	11,942	2,511	---	-	18,619	1,753	10.62
12/21/12	523	331	3,616	3,947	-	-	1,913	11,364	2,436	---	-	17,747	1,785	9.94
Total	3,410	1,023	24,215	25,238	-	-	11,582	73,817	14,992	-	-	114,047	10,384	65.96

Annual Total LUE Count

2,176

9,607

Average Use per LUE

11.60

7.68

32.53

**West Travis County Public Utility Agency  
FYE 2013 Budget Planning**

**Schedule 33**

**Wastewater LUE Determination**

<b>Commercial</b>	<b>Connection Count</b>	<b>LUE's per Connection</b>	<b>LUE Count</b>
5/8"	26	1.00	26
3/4"	9	1.10	10
1"	32	1.40	45
1 1/2"	31	1.80	56
2"	15	2.90	44
3"	9	11.00	99
4"	-	14.00	-
	122		279

<b>Multi-Family</b>	<b>Connection Count</b>	<b>LUE's per Connection</b>	<b>LUE Count</b>
5/8"	-	1.00	-
3/4"	2	1.10	2
1"	10	1.40	14
1 1/2"	13	1.80	23
2"	8	2.90	23
3"	-	11.00	-
4"	-	14.00	-
	33		63

<b>Residential</b>	<b>Connection Count</b>	<b>LUE's per Connection</b>	<b>LUE Count</b>
5/8"	1,256	1.00	1,256
3/4"	8	1.10	9
1"	239	1.40	335
1 1/2"	1	1.80	2
2"	-	2.90	-
3"	-	11.00	-
4"	-	14.00	-
	1,504		1,601

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Exhibit D

**Schedule 33****Wastewater LUE Determination**

Builder	Connection Count	LUE's per Connection	LUE Count
5/8"	22	1.00	22
3/4"	56	1.10	62
1"	-	1.40	-
1 1/2"	-	1.80	-
2"	-	2.90	-
3"	-	11.00	-
4"	-	14.00	-
	78		84

Apartment	Connection Count	LUE's per Connection	LUE Count
5/8"	-	1.00	-
3/4"	-	1.10	-
1"	-	1.40	-
1 1/2"	-	1.80	-
2"	-	2.90	-
3"	-	11.00	-
4"	1	14.00	14
	1		14

TOTAL	1,738	2,041
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FYE2011 Average count	1,610
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August, 2012	1,893
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June, 2013	1,858
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**West Travis County Public Utility Agency  
FYE 2013 Budget Planning**

**Schedule 34  
Wastewater Count and Consumption Projection - Retail**

Mid Year LUE Count	6/1/2013	FYE2014	FYE2015	% Growth
Retail Customer Count				
Residential	1,713	1,833	1,962	7%
Commercial	388	392	396	1%
Multi-Family	82	82	82	
Total Count	2,183	2,307	2,439	

Billing Assumption	6-Month Actual	Test Year Actual	2014	2015
Retail Consumption				
Residential	73,817,000	143,990,000	154,069,300	164,854,151
Commercial	25,238,000	46,010,000	49,230,700	52,676,849
Multi-Family	14,992,000	30,448,000	30,448,000	30,448,000
Projected Consumption	114,047,000	220,448,000	233,748,000	247,979,000

**West Travis County Public Utility Agency  
FYE 2013 Budget Planning**

**Schedule 35**

**Wastewater Wholesale Volumetric Rates**

<b>Masonwood</b>	<b>Current</b>	<b>2014</b>
Total Revenue Requirement	\$	6,244
Total Gallons Billed		1,533,000
Volumetric Rate (per thousand gallons)	\$ 3.25	\$ 4.07

<b>WCID#17</b>	<b>Current</b>	<b>2014</b>
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**West Travis County Public Utility Agency  
FYE 2013 Budget Planning****Schedule 36  
Effluent Water Rates**

	Current	2014
Total Revenue Requirement	\$	996,188
Total Gallons Billed		242,377,751
Volumetric Rate (per thousand gallons)	\$ 3.14	\$ 4.11

**West Travis County Public Utility Agency  
FYE 2013 Budget Planning****Schedule 37  
Retail Wastewater Cost Allocation**

	2014
Total Revenue Requirement	\$ 1,908,002
Flow Projection	
Residential	154,069,300
Commercial	49,230,700
Multi-Family	<u>30,448,000</u>
Projected Consumption	233,748,000
Unit Cost	\$ 0.00816
Cost Allocation	
Residential	\$ 1,257,613
Commercial	401,853
Multi-Family	<u>248,536</u>
Total Cost Allocation	\$ 1,908,002