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SOAH DOCKET NO. 473-14-5144.WS
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PUBLIC UTILITY COMMISSION
BEFORE THE STATE CLERK

PETITION OF TRAVIS COUNTY
MUNICIPAL UTILITY DISTRICT
NO. 12 APPEALING CHANGE OF
WHOLESALE WATER RATES
IMPLEMENTED BY WEST
TRAVIS COUNTY PUBLIC
UTILITY AGENCY; CITY OF BEE
CAVE, TEXAS; HAYS COUNTY,
TEXAS; AND WEST TRAVIS
COUNTY MUNICIPAL UTILITY
DISTRICT NO. 5

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BEFORE THE STATE CLERK

OF

ADMINISTRATIVE HEARINGS

**WEST TRAVIS COUNTY PUBLIC UTILITY AGENCY'S
THIRD REQUESTS FOR ADMISSION TO
TRAVIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 12**

To: Travis County Municipal Utility District No. 12, by and through its attorney of record,
J. Kay Trostle, Smith Trostle & Huerta LLP, 4401 Westgate Blvd., Suite 330, Austin,
Texas 78701.

The West Travis County Public Utility Agency ("WTCPUA"), Respondent in the above-referenced contested case, attaches hereto as Attachment No. 1, and incorporates herein by this reference for all purposes, its Third Requests for Admission ("RFA") to Travis County Municipal Utility District No. 12 ("TCMUD 12"). These RFAs are submitted pursuant to Rule 197 of the Texas Rules of Civil Procedure and Public Utility Commission ("PUC" or "Commission") Procedural Rule 22.144.

Respectfully submitted,

**LLOYD GOSSELINK ROCHELLE &
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**ATTORNEYS FOR WEST TRAVIS COUNTY
PUBLIC UTILITY AGENCY**

CERTIFICATE OF SERVICE

I hereby certify that a true and correct copy of the foregoing document was transmitted by fax, e-mail, hand-delivery and/or regular, first class mail on this 5th day of March, 2015, to the parties of record.



DAVID J. KLEIN

ATTACHMENT NO. 1

The following paragraphs include instructions and definitions that apply to the requests for admission that are contained in this discovery request. Unless otherwise clearly indicated within the context of a specific request herein, the definition of each term provided below applies whether the term is used or defined in the singular or plural.

You are directed to answer the following written questions fully and in writing, based on all information reasonably available to you or your attorney at the time your response is made.

You are under a continuing duty to supplement your responses to these RFAs if you discover that they were incomplete or incorrect when made, or if you discover that they are no longer complete and correct. Supplementation must be made reasonably promptly after you discover the need for supplementation.

DEFINITIONS

1. **"You", "you", "Your"** and/or **"your"** refers to the Travis County Municipal Utility District No. 12, named as a Party to SOAH Docket No. 582-14-3382 by the presiding Administrative Law Judge's Order No. 1, currently styled as SOAH Docket No. 473-14-5144; PUC Docket No. 42866.
2. **"West Travis County Public Utility Agency"** or **"WTCPUA"** refers to its officers, employees, agents, representatives, attorneys, and all other natural persons, businesses or legal entities, presently or formerly, acting in concert with, under the direct or indirect control of, or on behalf of the WTCPUA.
3. **"Travis County Municipal Utility District No. 12"** or **"TCMUD 12"** refers to its officers, employees, agents, representatives, attorneys, and all other natural persons, businesses or legal entities, presently or formerly, acting in concert with, under the direct or indirect control of, or on behalf of Travis County Municipal Utility District No. 12.
4. The term **"Commission"** refers to the Public Utility Commission, an administrative agency of the State of Texas, and its Staff, Commissioners, any other natural person employed by and working for such agency.
5. The term **"Staff"** as used herein refers to the natural persons employed by and working for the Public Utility Commission in any capacity.
6. **"Document"** and **"documents"** are used herein in their broadcast sense as set forth in Tex. R. Civ. P. 192.3(b), and specifically include electronic information or magnetic data as described in Rule 196.4. These words mean and include all written, printed, typed, recorded, or graphic matter of every kind and description, both original and copies, and all attachments and appendices. Without limiting the foregoing, the terms **"Document"** and **"Documents"** shall include all agreements, contracts, Communications, correspondence, letters, opinion letters, telegrams, telexes, telefaxes, messages, memoranda, records, reports, books,

summaries or other records of telephone conversations or interviews, summaries or other records of personal conversations or interviews, minutes, summaries, or other records of meetings and conferences, statements obtained from witnesses, summaries or other records of negotiations, other summaries, diaries, diary entries, calendars, appointment books, time records, instructions, work assignments, forecasts, progress reports, statistical data, statistical statements, financial statements, work sheets, work papers, drafts, graphs, charts, tables, accounts, analytical records, consultants' and experts' reports, appraisals, bulletins, notes, notices, marginal notations, notebooks, telephone records, bills, statements, records of obligation and expenditure, invoices, lists, journals, printouts, compilations, tabulations, analyses, studies, surveys, expense reports, microfilm, microfiche, tape or disc recordings, sound recordings, video recordings, film, tape, photographs, programs and data compilations from which information can be obtained (including matter used in data processing), and other printed, written, handwritten, typewritten, recorded, stenographic, computer-generated, computer stored, magnetically-stored, optically-stored, or electronically stored matter and electronic information, however produced, prepared, reproduced, disseminated, made or stored in any data source. The words "Document" and "Documents" also include all copies of documents by whatever means made, except that where a document is produced, identical copies of it that do not contain any markings, additions, or deletions that are different from the original do not have to be separately produced.

7. The term "**communication**" includes, without limitation of its generality, statements, discussions, conversations, speeches, meetings, remarks, questions, answers, panel discussions and symposia, whether written or oral. The term includes, without limitation of its generality, both communications and statements which are face-to-face and those which are transmitted by any media such as intercoms, telephones, television, radio, or computer including electronic information.
8. The term "**electronic information**" includes, without limitation, the following: databases, data files, program files (e.g. .DOC, .DOCX, .TXT, .XLS, .WPD files), image files (e.g. .JPEG, .TIFF, .PDF files), email messages and files, voice mail messages and files, instant messaging messages, text messages, temporary files, system-history files, deleted files or emails, back up files and archival files, website files, website information stored in textual, graphical or audio format, cache files, and cookies.
9. The term "**data sources**" includes, without limitation, mainframe computers, network servers, internet ("web") servers, computers (including desktop, laptop and handheld computers), hard drives (including portable or temporary hard drives), flash drives (including thumb drives, secure digital cards or other flash memory devices), email servers, handheld devices like personal digital assistants and cell phones or smart phones (e.g. iPhones, BlackBerrys).
10. The terms "**relate**" or "**relating**" or "**regarding**" to any given subject, when used to specify a document, communication, statement, or correspondence mean any document, communication, statement or correspondence that constitutes, contains, evidences, embodies, reflects, identifies, states, discusses, refers to, deals with, or is in any manner whatsoever pertinent to that subject.

11. The term **“identify,” when used in reference to a natural person** means to provide his or her (1) full name and (2) present or last known position or business affiliation, job title, employment address, and telephone number (designating which).
12. The term **“identify” and “describe,” when used in reference to facts, an event, or an allegation**, means to include: (a) a detailed description of the facts, events, or allegation at issue; (b) the date or dates on which the facts or event occurred, or the time period involved in the events giving rise or relating to the allegation; (c) the name, address, telephone number, and affiliation of all persons involved in the facts, event, or allegation; and (d) the date, author, addressee or recipient, and type of document of any document relating to or concerning the event or allegation.

**WEST TRAVIS COUNTY PUBLIC UTILITY AGENCY'S
THIRD REQUESTS FOR ADMISSION TO
TRAVIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 12**

By providing responses to these requests for admission below, you acknowledge that you have read and are familiar with the instructions and definitions included above.

- RFA 3-1: Admit or deny that the document attached to this RFA as "RFA 3-1 Attachment 1" is the same document that was attached to TCMUD 12's Requests for Admissions and Requests for Production to the WTCPUA, dated July 14, 2014, as "Exhibit C."
- RFA 3-2: Admit or deny that the document attached to this RFA as "RFA 3-2 Attachment 2" is the same document that was attached to TCMUD 12's Requests for Admissions and Requests for Production to the WTCPUA, dated July 14, 2014, as "Exhibit D."
- RFA 3-3: Admit or deny that the rate methodology for the rates charged by WTCPUA to TCMUD 12 for wholesale water services, adopted by the Board of Directors on November 15, 2012 and November 21, 2013, is the same.

Exhibit C

West Travis County Public Utility Agency
FYE2014 Wholesale Customer Minimum Bill Analysis

DRAFT

Schedule 1

Summary of Existing Facilities Purchase Price

Summary of PUA Obligations	PUA Obligation	Series 2013		Series 2015		Series 2019		Total
		Funded Amount	Funded Amount	Funded Amount	Funded Amount	Funded Amount	Funded Amount	
2012 Payment to LCRA, Refunded through Series 2013	\$ 23,588,485	\$ 23,588,485						\$ 23,588,485
2013 Payment to LCRA, Funded through Series 2013 Bonds	104,318,325	104,318,325						104,318,325
2015 Payment to LCRA, to be Funded through Series 2015 Bonds	19,914,694	-		19,914,694				19,914,694
2019 Payment to LCRA, to be Funded through Series 2019 Bonds	15,141,358	-		-		15,141,358		15,141,358
Less Impact Fees Received from LCRA - Water	(3,297,004)	(3,297,004)						(3,297,004)
Less Impact Fees Received from LCRA - Wastewater	(1,414,985)	(1,414,985)						(1,414,985)
	\$ 158,250,873	\$ 123,194,821	\$ 19,914,694	\$ 15,141,358	\$ 158,250,873	10%		TRUE
		78%	13%					

Exhibit C

Water Facilities		LCRA Original Cost	Series 2013 Funded Amount	Series 2015 Funded Amount	Series 2019 Funded Amount	Total
System Wide Costs - Water						
Uplands WTP Chem Building		\$ 2,217,574	\$ 1,726,333	\$ 279,065	\$ 212,176	\$ 2,217,574
Uplands WTP Plant		41,680,156	32,447,084	5,245,137	3,987,935	41,680,156
Uplands Raw Water Intake Expansion		431,102	335,603	54,251	41,248	431,102
High Service Pump Station 8 MGD to 14 MGD		4,177,452	3,252,054	525,701	399,696	4,177,452
Uplands Clearwell #2		1,032,674	803,914	129,954	98,806	1,032,674
		\$ 49,538,958	\$ 38,564,989	\$ 6,234,109	\$ 4,739,861	\$ 49,538,958
SH 71 System Regional Projects - Water						
Lazy 9 SW 71 Transmission Main		\$ 3,200,308	\$ 2,491,369	\$ 402,735	\$ 306,204	\$ 3,200,308
Transmission Main from Uplands Plant to Bee Cave Pump Station		1,612,112	1,254,994	202,872	154,246	1,612,112
Wolf Mountain (Crystal Mountain) EST		1,985,674	1,545,804	249,882	189,988	1,985,674
Senna Hills By-Pass Line		579,571	451,183	72,935	55,453	579,571
Hamilton Pool Road 1280 Pump Station Water Line		342,301	266,474	43,076	32,751	342,301
Hamilton Pool Road Water Line		6,859,971	5,340,336	863,276	656,358	6,859,971
Home Depot Pump Station		406,753	316,648	51,187	38,918	406,753
Home Depot Ground Storage Tank		152,269	118,538	19,162	14,569	152,269
Bee Cave Ground Storage Tank, Pump Station, Piping (off Cuernavaca)		724,726	564,183	91,201	69,341	724,726
Bee Cave Water Line to Cuernavaca		1,025,698	798,483	129,076	98,138	1,025,698
		\$ 16,889,383	\$ 13,148,013	\$ 2,125,403	\$ 1,615,967	\$ 16,889,383
US 290 System Regional Projects - Water						
Countyline Pump Station Upgrade						
1800 gpm to 3450 gpm		\$1,744,300	\$1,357,899	\$219,507	\$166,894	\$1,744,300
290 Pipeline						
a) 24" SWPPS to County Line		13,298,032	10,352,225	1,673,458	1,272,349	13,298,032
b) 20" Countyline to 1420 HGL EST		3,532,460	2,749,942	444,534	337,984	3,532,460
20" Main Uplands to SW Parkway (Easements)		524,724	408,486	66,033	50,205	524,724
1420 Elevated storage		2,275,455	1,771,392	286,349	217,714	2,275,455
Sawyer Ranch Road Ph 1 20"		1,226,030	954,437	154,287	117,306	1,226,030
Sawyer RR Ph 1 (Darden Hill)		1,339,600	1,042,849	168,579	128,172	1,339,600
		\$ 23,940,600	\$ 18,637,230	\$ 3,012,746	\$ 2,290,624	\$ 23,940,600
Total Retail Facilities - Water						
Total Retail Facilities - Water		\$ 38,234,117	\$ 29,764,419	\$ 4,811,479	\$ 3,658,220	\$ 38,234,117
Total WATER Facilities		\$ 128,603,059	\$ 100,114,650	\$ 16,183,737	\$ 12,304,671	\$ 128,603,059

Exhibit C

Wastewater Facilities		LCRA Original Cost		Series 2013 Funded Amount		Series 2015 Funded Amount		Series 2019 Funded Amount		Total
Total Regional Facilities - Wastewater										
Lakepointe WWTP		\$ 15,862,078		\$ 12,348,278	\$ 1,996,124	\$ 1,517,675	\$ 15,862,078			
Bee Cave Regional System		8,801,729		6,851,952	1,107,632	842,145	8,801,729			
Spillman Effluent Irrigation System		549,313		427,628	69,127	52,558	549,313			
Pallsades Effluent		24,683		19,215	3,106	2,362	24,683			
CCNG Lift Station		20,193		15,720	2,541	1,932	20,193			
RM 620 WW Line		1,306,887		1,017,383	164,462	125,042	1,306,887			
Hwy 71 WW Line		1,034,310		805,188	130,160	98,962	1,034,310			
		\$ 27,599,194		\$ 21,485,365	\$ 3,473,153	\$ 2,640,676	\$ 27,599,194			
Total Retail Facilities - Wastewater										
Total Retail Facilities - Wastewater		\$ 15,698,024		\$ 12,220,566	\$ 1,975,479	\$ 1,501,978	\$ 15,698,024			
Total WASTEWATER Facilities		\$ 43,297,218		\$ 33,705,931	\$ 5,448,632	\$ 4,142,654	\$ 43,297,218			

TOTAL FACILITIES COST

\$ 171,900,277 \$ 133,820,581 \$ 21,632,370 \$ 16,447,326 \$ 171,900,277

Exhibit C

West Travis County Public Utility Agency
FYE2014 Wholesale Customer Minimum Bill Analysis

DRAFT

Schedule 2

Existing Water Projects, Before Interest Expense

	Original Cost Funded Through Series 2013 Bonds	Original Cost Funded Through Series 2015 Bonds	Original Cost Funded Through Series 2019 Bonds	Total
Systemwide Projects				
Uplands WTP Chem Building	\$ 1,726,333	\$ 279,065	\$ 212,176	\$ 2,217,574
Uplands WTP Plant	32,447,084	5,245,137	3,987,935	41,680,156
Uplands Raw Water Intake Expansion	335,603	54,251	41,248	431,102
High Service Pump Station 8 MGD to 14 MGD	3,252,054	525,701	399,696	4,177,452
Uplands Clearwell #2	803,914	129,954	98,806	1,032,674
	\$ 38,564,989	\$ 6,234,109	\$ 4,739,861	\$ 49,538,958

	Original Cost Funded Through Series 2013 Bonds	Original Cost Funded Through Series 2015 Bonds	Original Cost Funded Through Series 2019 Bonds	Total
SH 71 System Projects				
Lazy 9 SW 71 Transmission Main	\$ 2,491,369	\$ 402,735	\$ 306,204	\$ 3,200,308
Transmission Main from Uplands Plant to Bee Cave Pump Station	1,254,994	202,872	154,246	1,612,112
Wolf Mountain (Crystal Mountain) EST	1,545,804	249,882	189,988	1,985,674
Senna Hills By-Pass Line	451,183	72,935	55,453	579,571
Hamilton Pool Road 1280 Pump Station Water Line	266,474	43,076	32,751	342,301
Hamilton Pool Road Water Line	5,340,336	863,276	656,358	6,859,971
Home Depot Pump Station	316,648	51,187	38,918	406,753
Home Depot Ground Storage Tank	118,538	19,162	14,569	152,269
Bee Cave Ground Storage Tank, Pump Station, Piping (off Cuernavaca)	564,183	91,201	69,341	724,726
Bee Cave Water Line to Cuernavaca	798,483	129,076	98,138	1,025,698
	\$ 13,148,013	\$ 2,125,403	\$ 1,615,967	\$ 16,889,383

	Original Cost Funded Through Series 2013 Bonds	Original Cost Funded Through Series 2015 Bonds	Original Cost Funded Through Series 2019 Bonds	Total
US 290 System Projects				
Countyline Pump Station Upgrade				
1800 gpm to 3450 gpm	\$ 1,357,899	\$ 219,507	\$ 166,894	\$ 1,744,300
290 Pipeline				
a) 24" SWPPS to County Line	\$ 10,352,225	\$ 1,673,458	\$ 1,272,349	\$ 13,298,032
b) 20" Countyline to 1420 HGL EST	2,749,942	444,534	337,984	3,532,460
20" Main Uplands to SW Parkway (Easements)	408,486	66,033	50,205	524,724
1420 Elevated storage	1,771,392	286,349	217,714	2,275,455
Sawyer Ranch Road Ph 1 20"	954,437	154,287	117,306	1,226,030
Sawyer RR Ph 1 (Darden Hill)	1,042,849	168,579	128,172	1,339,600
	\$ 18,637,230	\$ 3,012,746	\$ 2,290,624	\$ 23,940,600

	Original Cost Funded Through Series 2013 Bonds	Original Cost Funded Through Series 2015 Bonds	Original Cost Funded Through Series 2019 Bonds	Total
Retail Water Projects				
Retail Water Projects	\$ 29,764,419	\$ 4,811,479	\$ 3,658,220	\$ 38,234,117

TOTAL WATER PROJECTS FUNDED	\$ 100,114,650	\$ 16,183,737	\$ 12,304,671	\$ 128,603,059
	TRUE	TRUE	TRUE	TRUE

Exhibit C

West Travis County Public Utility Agency
FYE2014 Wholesale Customer Minimum Bill Analysis

DRAFT

Schedule 3

Existing Water Projects - Impact Fee Credit

Percent of Costs Funded with Series 2013 Bonds

78%

	Original Cost Funded Through Series 2013 Bonds	Impact Fee Study Costs Allocated to 2012-2021 Growth +	Impact Fee Study Costs Allocated to 2012-2021 Growth -	Impact Fee Recovered Costs**	Balance to Recover from Rates
Systemwide Projects					
Uplands WTP Chem Building	\$ 1,726,333	\$ 749,510	\$ 583,477	\$ 291,739	\$ 1,434,594
Uplands WTP Plant	32,447,084	14,087,337	10,966,681	5,483,341	26,963,743
Uplands Raw Water Intake Expansion	335,603	145,707	113,429	56,715	278,889
High Service Pump Station 8 MGD to 14 MGD	3,252,054	1,411,923	1,099,151	549,576	2,702,479
Uplands Clearwell #2	803,914	349,030	271,712	135,856	668,058
	\$ 38,564,989	\$ 16,743,507	\$ 13,034,452	\$ 6,517,226	\$ 32,047,763

	Original Cost Funded Through Series 2013 Bonds	Impact Fee Study Costs Allocated to 2012-2021 Growth +	Impact Fee Study Costs Allocated to 2012-2021 Growth -	Impact Fee Recovered Costs**	Remaining Balance
SH 71 System Projects					
Lazy 9 SW 71 Transmission Main	\$ 2,491,369	\$ 1,081,661	\$ 842,050	\$ 421,025	\$ 2,070,345
Transmission Main from Uplands Plant to Bee Cave Pump Station	1,254,994	544,872	424,171	212,086	1,042,908
Wolf Mountain (Crystal Mountain) EST	1,545,804	671,131	522,461	261,230	1,284,573
Senna Hills By-Pass Line	451,183	195,887	152,494	76,247	374,936
Hamilton Pool Road 1280 Pump Station Water Line	266,474	115,693	90,064	45,032	221,441
Hamilton Pool Road Water Line	5,340,336	2,318,579	1,804,962	902,481	4,437,855
Home Depot Pump Station	316,648	137,477	107,023	53,511	263,137
Home Depot Ground Storage Tank	118,538	51,465	40,064	20,032	98,506
Bee Cave Ground Storage Tank, Pump Station, Piping (off Cuernavaca)	564,183	244,948	190,686	95,343	468,840
Bee Cave Water Line to Cuernavaca	798,483	346,672	269,877	134,938	663,545
	\$ 13,148,013	\$ 5,708,386	\$ 4,443,853	\$ 2,221,926	\$ 10,926,086

	Original Cost Funded Through Series 2013 Bonds	Impact Fee Study Costs Allocated to 2012-2021 Growth +	Impact Fee Study Costs Allocated to 2012-2021 Growth -	Impact Fee Recovered Costs**	Remaining Balance
JS 290 System Projects					
Countyline Pump Station Upgrade					
1800 gpm to 3450 gpm	\$ 1,357,899	\$ 589,550	\$ 458,952	\$ 229,476	\$ 1,128,423
290 Pipeline					
a) 24" SWPPS to County Line	\$ 10,352,225	\$ 4,494,557	\$ 3,498,914	\$ 1,749,457	\$ 8,602,768
b) 20" Countyline to 1420 HGL EST	2,749,942	1,193,924	929,444	464,722	2,285,220
20" Main Uplands to SW Parkway (Easements)	408,486	177,350	138,063	69,031	339,455
1420 Elevated storage	1,771,392	769,073	598,707	299,353	1,472,038
Sawyer Ranch Road Ph 1 20"	954,437	414,382	322,587	161,294	793,144
Sawyer RR Ph 1 (Darden Hill)	1,042,849	452,767	352,469	176,234	866,614
	\$ 18,637,230	\$ 8,091,603	\$ 6,299,135	\$ 3,149,568	\$ 15,487,663

	Original Cost Funded Through Series 2013 Bonds	Impact Fee Study Costs Allocated to 2012-2021 Growth +	Impact Fee Study Costs Allocated to 2012-2021 Growth -	Impact Fee Recovered Costs**	Remaining Balance
Retail Water Projects					
Retail Water Projects	\$ 29,764,419	\$ -	\$ -	\$ -	\$ 29,764,419

TOTAL WATER PROJECTS FUNDED \$ 100,114,650 \$ 30,543,497 \$ 23,777,440 \$ 11,888,720 \$ 88,225,931
TRUE TRUE

Exhibit C

West Travis County Public Utility Agency
 FYE2014 Wholesale Customer Minimum Bill Analysis

DRAFT

Schedule 5
 Determination of Effective Impact Fee Credit

Project Summary by System	Total Debt Funded Cost	Less Impact Fee Credit	Total Rate Funded Cost
System Wide			
Existing Projects	\$ 38,564,989	\$ (6,517,226)	\$ 32,047,763
Future Projects	6,310,000	(877,298)	5,432,703
Total System Wide Projects	\$ 44,874,989	\$ (7,394,523)	\$ 37,480,465
HWY 71			
Existing Projects	\$ 13,148,013	\$ (2,221,926)	\$ 10,926,086
Future Projects	4,198,229	(955,317)	3,242,913
Total System Wide Projects	\$ 17,346,242	\$ (3,177,243)	\$ 14,168,999
US 290			
Existing Projects	\$ 18,637,230	\$ (3,149,568)	\$ 15,487,663
Future Projects	7,350,000	(2,866,091)	4,483,910
Total System Wide Projects	\$ 25,987,230	\$ (6,015,658)	\$ 19,971,572
Total Projects Funded with Series 2013 Bonds	\$ 88,208,461	\$ (16,587,424)	\$ 71,621,036

Individual System Impact Fee Credit	Total Debt Funded Cost	Less Impact Fee Credit	Total Rate Funded Cost	Effective Impact Fee Credit
HWY 71				
System Wide Project Cost Allocation	\$ 24,646,724	\$ (4,061,300)	\$ 20,585,425	
HWY 71 System Project Cost	17,346,242	(3,177,243)	14,168,999	
	\$ 41,992,966	\$ (7,238,543)	\$ 34,754,424	17%
US 290				
System Wide Project Cost Allocation	\$ 20,228,264	\$ (3,333,224)	\$ 16,895,040	
HWY 71 System Project Cost	25,987,230	(6,015,658)	19,971,572	
	\$ 46,215,494	\$ (9,348,882)	\$ 36,866,613	20%

HWY 71 System Percent of Total Capacity

55%

US 290 System Percent of Total Capacity

45%

*Per Impact Fee Study Growth Assumptions

Exhibit C

West Travis County Public Utility Agency
 FYE2014 Wholesale Customer Minimum Bill Analysis

DRAFT

Schedule 6

Total Existing and Future Regional Project Costs

	Total Project Cost Funded with Series 2013 Bonds	MGD Plant Capacity	Cost per Gallon Capacity
Systemwide			
Existing Project	\$ 38,564,989	27	\$ 1.43
Future CIP (2012-2015)	6,310,000	27	\$ 0.23
Future CIP (after 2015)	<u>excluded</u>		
	\$ 44,874,989		\$ 1.66
SH 71 System			
Existing Project	\$ 13,148,013	15	\$ 0.89
Future CIP (2012-2015)	4,198,229	15	\$ 0.28
Future CIP (after 2015)	<u>excluded</u>		
	\$ 17,346,242		\$ 1.17
US 290 System			
Existing Project	\$ 18,637,230	12	\$ 1.53
Future CIP (2012-2015)	7,350,000	12	\$ 0.60
Future CIP (after 2015)	<u>excluded</u>		
	\$ 25,987,230		\$ 2.14
Total	\$ 88,208,461		

Exhibit C

West Travis County Public Utility
Agency
FYE2014 Wholesale Customer Minimum Bill Analysis

DRAFT

Schedule 7
Summary of Total Cost per Gallon
Reserved

SH 71 System Costs	Systemwide Projects Cost per Gallon	SH71 Projects Cost per Gallon	Series 2013 Funded Cost per Gallon	Series 2015 Funded Cost per Gallon*	Series 2019 Funded Cost per Gallon*	Total
Existing Project	\$ 1.43	\$ 0.89	\$ 2.31	\$ 0.37	\$ 0.28	\$ 2.97
Future CIP (2012-2015)	0.23	0.28	0.52			0.52
	\$ 1.66	\$ 1.17	\$ 2.83	\$ 0.37	\$ 0.28	\$ 3.49

US 290 System Costs	Systemwide Projects Cost per Gallon	US290 Projects Cost per Gallon	Series 2013 Funded Cost per Gallon	Series 2015 Funded Cost per Gallon*	Series 2019 Funded Cost per Gallon*	Total
Existing Project	\$ 1.43	\$ 1.53	\$ 2.96	\$ 0.48	\$ 0.36	\$ 3.80
Future CIP (2012-2015)	0.23	0.60	0.84			0.84
	\$ 1.66	\$ 2.14	\$ 3.80	\$ 0.48	\$ 0.36	\$ 4.64

*LCRA Reimbursement ONLY - Future Project costs may also be included.

Exhibit C

West Travis County Public Utility Agency
FYE2014 Wholesale Customer Minimum Bill Analysis

DRAFT

Schedule 8
Capital Cost Allocation - Regional Facilities

Series 2013				Series 2015		Series 2019	
SH 71 System	Contractual Commitment (gal/max day)	Cost per Gallon	Capital Cost Allocated to Customer	Cost per Gallon	Capital Cost Allocated to Customer	Cost per Gallon	Capital Cost Allocated to Customer
Barton Creek West	965,952	\$ 2.83	\$ 2,735,354	\$ 0.37	\$ 361,477	\$ 0.28	\$ 274,835
Senna Hills	907,000	\$ 2.83	\$ 2,568,415	\$ 0.37	\$ 339,416	\$ 0.28	\$ 258,062
Crystal Mountain	144,000	\$ 2.83	\$ 407,775	\$ 0.37	\$ 53,887	\$ 0.28	\$ 40,971
EISD	42,900	\$ 2.83	\$ 121,483	\$ 0.37	\$ 16,054	\$ 0.28	\$ 12,206
Lazy Nine	2,080,000	\$ 2.83	\$ 5,890,061	\$ 0.37	\$ 778,374	\$ 0.28	\$ 591,806
Deer Creek	576,000	\$ 2.83	\$ 1,631,099	\$ 0.37	\$ 215,550	\$ 0.28	\$ 163,885
Travis County MUD #12	3,980,000	\$ 2.83	\$ 11,270,443	\$ 0.37	\$ 1,489,388	\$ 0.28	\$ 1,132,398
Masonwood	538,272	\$ 2.83	\$ 1,524,262	\$ 0.37	\$ 201,431	\$ 0.28	\$ 153,150
Current Retail	3,207,047	\$ 2.83	\$ 9,081,619	\$ 0.37	\$ 1,200,135	\$ 0.28	\$ 912,476
Future	2,388,060	\$ 2.83	\$ 6,762,435	\$ 0.37	\$ 893,655	\$ 0.28	\$ 679,456
Sub-Total	14,829,231		\$ 41,992,966	\$	\$ 5,549,368	\$	\$ 4,219,244

Series 2013				Series 2015		Series 2019	
US 290 System	Contractual Commitment (gal/max day)	Cost per Gallon	Capital Cost Allocated to Customer	Cost per Gallon	Capital Cost Allocated to Customer	Cost per Gallon	Capital Cost Allocated to Customer
Dripping Springs WSC	1,000,000	\$ 3.80	\$ 3,797,253	\$ 0.48	\$ 478,432	\$ 0.36	\$ 363,757
Boterra - HCWCID #1*	1,221,120	\$ 3.80	\$ 4,636,902	\$ 0.48	\$ 584,223	\$ 0.36	\$ 444,191
Belterra - HCWCID #2*	1,166,170	\$ 3.80	\$ 4,428,243	\$ 0.48	\$ 557,934	\$ 0.36	\$ 424,203
Hays Cty Reunion Ranch (Krasovek)*	553,000	\$ 3.80	\$ 2,099,881	\$ 0.48	\$ 264,573	\$ 0.36	\$ 201,158
City of Dripping Springs (Headwaters)*	1,612,800	\$ 3.80	\$ 6,124,210	\$ 0.48	\$ 771,616	\$ 0.36	\$ 586,668
Current Retail	4,315,655	\$ 3.80	\$ 16,387,634	\$ 0.48	\$ 2,064,749	\$ 0.36	\$ 1,569,851
Future	2,307,025	\$ 3.80	\$ 8,741,371	\$ 0.48	\$ 1,101,363	\$ 0.36	\$ 837,378
Sub-Total	12,170,769		\$ 46,215,494	\$	\$ 5,822,891	\$	\$ 4,427,207

Retail Only		\$	29,764,419	\$	4,811,479	\$	3,658,220
TOTAL	27,000,000	\$	117,972,879	\$	16,183,737	\$	12,304,671
			TRUE		TRUE		TRUE

Sweetwater capacity reservation per requested amount, NOT existing contract. This amount is subject to executed contract amendment.

Exhibit C

West Travis County Public Utility Agency
FYE2014 Wholesale Customer Minimum Bill Analysis

DRAFT

Schedule 9
Determination of Capital Adjustment to Existing Customers

	<u>Total Cost</u>	<u>Water Cost</u>
Total LCRA Cost Basis	\$ 171,900,277	\$ 128,603,059
Percent of Total Cost		75%
PUA Cost Basis	\$ 158,250,873	\$ 118,391,586
Capital Adjustment Available to Existing		\$ 10,211,473

Percent Series Funding			78%	13%	10%	
SH 71 System	Capital Contribution to LCRA	Percent of Total Capital Contribution	Total Capital Credit to Existing	Series 2013 Capital Contribution Credit	Series 2015 Capital Contribution Credit	Series 2019 Capital Contribution Credit
Barton Creek West (2)	1,050,000	4%	\$ 450,020	\$ 350,330	\$ 56,632	\$ 43,058
Senna Hills	857,140	4%	367,362	285,983	46,230	35,149
Crystal Mountain (2)	100,000	0%	42,859	33,365	5,393	4,101
EISD	-	0%	-	-	-	-
Lazy Nine	-	0%	-	-	-	-
Deer Creek(1) (2)	198,185	1%	84,940	66,124	10,689	8,127
Travis County MUD #12	1,458,540	6%	625,116	486,639	78,666	59,811
Masonwood	-	0%	-	-	-	-
Current Retail	6,752,781	28%	2,894,176	2,253,053	364,211	276,913
Future	-	0%	-	-	-	-
Sub-Total	10,416,646		\$ 4,464,473	\$ 3,475,494	\$ 561,821	\$ 427,158

	Capital Contribution to LCRA	Percent of Total Capital Contribution	Total Capital Credit to Existing	Series 2013 Capital Contribution Credit	Series 2015 Capital Contribution Credit	Series 2019 Capital Contribution Credit
US 290 System						
Dripping Springs WSC*	1,334,635	6%	\$ 572,012	\$ 445,298	\$ 71,983	\$ 54,730
Belterra - HCWCID #1 (3)	3,645,630	15%	1,562,482	1,216,357	196,627	149,497
Belterra - HCWCID #2	1,342,850	6%	575,532	448,039	72,426	55,067
Hays Cty Reunion Ranch (Krasovek)	768,000	3%	329,157	256,242	41,422	31,494
City of Dripping Springs (Headwaters) (3)	792,960	3%	339,855	264,570	42,768	32,517
Current Retail	5,525,003	23%	2,367,962	1,843,407	297,990	226,565
Future	-	0%	-	-	-	-
Sub-Total	13,409,078		\$ 5,747,000	\$ 4,473,913	\$ 723,217	\$ 549,870

TOTAL	23,825,724		\$ 10,211,473	\$ 7,949,407	\$ 1,285,038	\$ 977,028
			TRUE			TRUE

Total Impact Fees Paid to LCRA (per LCRA Records)	\$ 21,684,579
Wholesale Impact Fees	\$ 9,406,795
Retail Impact Fees	\$ 12,277,784

(1) per contract, calendar year 2008 first payment of \$37,500, \$50,00 for 2009, 2010, 2011 and 2012 payment pro rated through March 19, 2012.

(2) contract payments, NOT impact fees.

(3) Includes LUE reservation fee payments.

Exhibit C

West Travis County Public Utility Agency
FYE2014 Wholesale Customer Minimum Bill Analysis

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Schedule 10
Determination of Adjusted Capital Allocation

	Series 2013				Series 2013				Series 2019				TOTAL
	Capital Allocation	Less Capital Adjustment	Adjusted Capital Allocation		Capital Allocation	Less Capital Adjustment	Adjusted Capital Allocation		Capital Allocation	Less Capital Adjustment	Adjusted Capital Allocation		
SH 71 System													
Barton Creek West	\$ 2,735,354	\$ (350,330)	\$ 2,385,023		\$ 361,477	\$ (56,632)	\$ 304,845		\$ 274,835	\$ (43,058)	\$ 231,777		\$ 2,931,645
Serra Hills	2,568,415	(285,983)	2,282,432		339,416	(46,230)	293,186		258,062	(35,149)	222,913		2,798,531
Crystal Mountain	407,775	(33,365)	374,410		53,887	(5,393)	48,494		40,971	(4,101)	36,870		459,774
EUSD	321,493	-	321,493		16,054	-	16,054		12,206	-	12,206		149,743
Lazy Nine*	5,880,081	(3,448,229)	2,431,852		778,374	-	778,374		591,806	-	591,806		5,812,032
Deer Creek	1,631,099	(66,124)	1,564,975		215,550	(10,689)	204,861		163,885	(8,127)	155,758		1,925,594
Travis County MUD #12	11,270,443	(486,639)	10,783,804		1,489,388	(78,666)	1,410,722		1,132,988	(59,811)	1,073,177		13,367,114
Masonwood	3,524,262	-	3,524,262		201,431	-	201,431		153,150	-	153,150		1,878,844
Current Retail	9,081,619	(2,253,053)	6,828,566		1,200,135	(364,211)	835,925		912,476	(276,913)	635,563		8,300,053
Future	6,762,435	-	6,762,435		893,655	-	893,655		679,456	-	679,456		8,335,546
Sub-Total	\$ 41,992,965	\$ (4,923,723)	\$ 37,069,243		\$ 5,549,968	\$ (561,821)	\$ 4,987,547		\$ 4,219,244	\$ (427,158)	\$ 3,792,086		\$ 45,848,876
UP5 280 System													
Dripping Springs WSC*	\$ 3,797,253	\$ (445,288)	\$ 3,351,965		\$ 478,432	\$ (71,983)	\$ 406,449		\$ 363,757	\$ (54,730)	\$ 309,028		\$ 4,067,432
Bellera - HCWCD #1	4,636,902	(1,216,357)	3,420,545		584,223	(196,627)	387,597		444,191	(149,497)	294,694		4,102,835
Bellera - HCWCD #2	4,428,243	(448,039)	3,980,204		557,834	(72,426)	485,507		424,203	(55,067)	369,136		4,832,847
Hays City Reunion Ranch (Krasovek)	2,099,881	(256,242)	1,843,639		264,573	(41,422)	223,151		201,158	(31,494)	169,664		2,236,455
City of Dripping Springs (Headwaters)	6,124,210	(264,570)	5,859,641		771,616	(42,768)	728,848		596,668	(32,517)	564,151		7,102,638
Current Retail	16,387,634	(1,843,407)	14,544,227		2,064,749	(287,990)	1,776,759		1,569,851	(226,565)	1,343,286		17,654,272
Future	8,741,371	-	8,741,371		1,101,363	-	1,101,363		837,378	-	837,378		10,680,112
Sub-Total	\$ 46,215,494	\$ (4,473,913)	\$ 41,741,581		\$ 5,872,891	\$ (723,217)	\$ 5,095,674		\$ 4,427,207	\$ (549,870)	\$ 3,877,337		\$ 50,716,592
Retail Only	\$ 29,764,419	\$ -	\$ 29,764,419		\$ 4,811,479	\$ -	\$ 4,811,479		\$ 3,658,220	\$ -	\$ 3,658,220		\$ 38,234,117
TOTAL	\$ 117,972,879	\$ (9,397,636)	\$ 108,575,243		\$ 16,383,737	\$ (1,285,038)	\$ 14,898,699		\$ 12,304,671	\$ (977,028)	\$ 11,327,643		\$ 134,801,586
	TRUE		TRUE		TRUE		TRUE		TRUE		TRUE		TRUE

*Reflective of Lazy Nine's pro rata share of the Hwy 71 EST purchase.

Exhibit C

West Travis County Public Utility Agency
 FYE2014 Wholesale Customer Minimum Bill Analysis

Sample: Individual Capital Amortization Schedule

Travis County MUD #12 (Rough Hollow)
 Series 2013 Debt Payment Schedule

	Series 2013	Series 2015	Series 2019	Total
Effective Interest Rate	4.89%	5.00%	5.00%	
Capital Cost Allocation	\$ 10,783,804	\$ 1,410,722	\$ 1,072,587	\$ 13,267,114
Plus Reserves	692,490	91,769	69,773	854,033
Plus Insurance Costs (2%)	229,526	30,050	22,847	282,423
Capital Cost Allocation	\$ 11,705,820	\$ 1,532,541	\$ 1,165,208	\$ 14,403,569

Build-out LUEs 1,750

Current LUEs (January 2013) 95

Annual Payment per LUE \$ 549 \$ 68 \$ 46 \$ 663

Effective Impact Fee Credit 1.7%

Series 2013	Projected LUEs	Beginning Balance	Interest Expense	Subtotal	Total Annual Debt Payment*	Ending Balance	Annual Minimum Bill Paid to PUA	Monthly Minimum per LUE
2014	165	\$ 11,705,820	\$ 572,061	\$ 12,277,881	\$ 90,654	\$ 12,187,227	\$ 97,690.68	\$ 49.34
2015	340	\$ 12,187,227	\$ 595,587	\$ 12,782,814	\$ 186,802	\$ 12,596,012	\$ 201,302.01	\$ 49.34
2016	515	\$ 12,596,012	\$ 615,564	\$ 13,211,576	\$ 282,949	\$ 12,928,627	\$ 304,913.33	\$ 49.34
2017	690	\$ 12,928,627	\$ 631,819	\$ 13,560,445	\$ 379,097	\$ 13,181,348	\$ 408,524.66	\$ 49.34
2018	865	\$ 13,181,348	\$ 644,169	\$ 13,825,517	\$ 475,245	\$ 13,350,272	\$ 512,135.99	\$ 49.34
2019	1,040	\$ 13,350,272	\$ 652,424	\$ 14,002,697	\$ 571,393	\$ 13,431,304	\$ 615,747.31	\$ 49.34
2020	1,215	\$ 13,431,304	\$ 656,384	\$ 14,087,688	\$ 667,541	\$ 13,420,147	\$ 719,358.64	\$ 49.34
2021	1,390	\$ 13,420,147	\$ 655,839	\$ 14,075,987	\$ 763,689	\$ 13,312,298	\$ 822,969.97	\$ 49.34
2022	1,565	\$ 13,312,298	\$ 650,569	\$ 13,962,867	\$ 859,837	\$ 13,103,030	\$ 926,581.29	\$ 49.34
2023	1,740	\$ 13,103,030	\$ 640,342	\$ 13,743,372	\$ 955,984	\$ 12,787,387	\$ 1,030,192.62	\$ 49.34
2024	1,750	\$ 12,787,387	\$ 624,916	\$ 13,412,304	\$ 961,479	\$ 12,450,825	\$ 1,036,113.27	\$ 49.34
2025	1,750	\$ 12,450,825	\$ 608,469	\$ 13,059,294	\$ 961,479	\$ 12,097,815	\$ 1,036,113.27	\$ 49.34
2026	1,750	\$ 12,097,815	\$ 591,217	\$ 12,689,033	\$ 961,479	\$ 11,727,554	\$ 1,036,113.27	\$ 49.34
2027	1,750	\$ 11,727,554	\$ 573,123	\$ 12,300,677	\$ 961,479	\$ 11,339,198	\$ 1,036,113.27	\$ 49.34
2028	1,750	\$ 11,339,198	\$ 554,144	\$ 11,893,342	\$ 961,479	\$ 10,931,863	\$ 1,036,113.27	\$ 49.34
2029	1,750	\$ 10,931,863	\$ 534,237	\$ 11,466,101	\$ 961,479	\$ 10,504,622	\$ 1,036,113.27	\$ 49.34
2030	1,750	\$ 10,504,622	\$ 513,358	\$ 11,017,980	\$ 961,479	\$ 10,056,502	\$ 1,036,113.27	\$ 49.34
2031	1,750	\$ 10,056,502	\$ 491,459	\$ 10,547,961	\$ 961,479	\$ 9,586,482	\$ 1,036,113.27	\$ 49.34
2032	1,750	\$ 9,586,482	\$ 468,489	\$ 10,054,971	\$ 961,479	\$ 9,093,492	\$ 1,036,113.27	\$ 49.34
2033	1,750	\$ 9,093,492	\$ 444,397	\$ 9,537,889	\$ 961,479	\$ 8,576,410	\$ 1,036,113.27	\$ 49.34
2034	1,750	\$ 8,576,410	\$ 419,127	\$ 8,995,537	\$ 961,479	\$ 8,034,059	\$ 1,036,113.27	\$ 49.34
2035	1,750	\$ 8,034,059	\$ 392,622	\$ 8,426,681	\$ 961,479	\$ 7,465,203	\$ 1,036,113.27	\$ 49.34
2036	1,750	\$ 7,465,203	\$ 364,823	\$ 7,830,025	\$ 961,479	\$ 6,868,547	\$ 1,036,113.27	\$ 49.34
2037	1,750	\$ 6,868,547	\$ 335,664	\$ 7,204,211	\$ 961,479	\$ 6,242,732	\$ 1,036,113.27	\$ 49.34
2038	1,750	\$ 6,242,732	\$ 305,081	\$ 6,547,813	\$ 961,479	\$ 5,586,334	\$ 1,036,113.27	\$ 49.34
2039	1,750	\$ 5,586,334	\$ 273,003	\$ 5,859,337	\$ 961,479	\$ 4,897,859	\$ 1,036,113.27	\$ 49.34
2040	1,750	\$ 4,897,859	\$ 239,357	\$ 5,137,216	\$ 961,479	\$ 4,175,737	\$ 1,036,113.27	\$ 49.34
2041	1,750	\$ 4,175,737	\$ 204,067	\$ 4,379,804	\$ 961,479	\$ 3,418,326	\$ 1,036,113.27	\$ 49.34
2042	1,750	\$ 3,418,326	\$ 167,053	\$ 3,585,378	\$ 961,479	\$ 2,623,900	\$ 1,036,113.27	\$ 49.34
2043	1,750	\$ 2,623,900	\$ 128,229	\$ 2,752,129	\$ 961,479	\$ 1,790,651	\$ 1,036,113.27	\$ 49.34
2044	1,750	\$ 1,790,651	\$ 87,509	\$ 1,878,159	\$ 961,479	\$ 916,681	\$ 1,036,113.27	\$ 49.34
2045	1,750	\$ 916,681	\$ 44,798	\$ 961,479	\$ 961,479	\$ 0	\$ 1,036,113.27	\$ 49.34
2046	1,750							
2047	1,750							
2048	1,750							

*Listed absorption for entire subdivision. However, Rough Hollow also has water from TCWCID#17. As such minimum per LUE is the average minimum across all LUE's just for the PUA portion of costs

**Total Annual Minimum Bill = Total Annual Payment + (Total Annual Payment * 25% Times Coverage) - (Total Annual Payment * Impact Fee Credit)

Exhibit C

Series	Beginning Balance	Interest Expense	Subtotal	Total Annual Debt Payment	Ending Balance	Annual Maximum Bill Paid to POA	Monthly Maximum per LDE
2014							
2015							
2016	\$ 1,532,541	\$ 76,627	\$ 1,609,169	\$ 34,939	\$ 1,574,229	\$ 37,651.40	\$ 6.09
2017	\$ 1,574,229	\$ 78,711	\$ 1,652,941	\$ 46,812	\$ 1,606,129	\$ 50,445.57	\$ 6.09
2018	\$ 1,606,129	\$ 80,306	\$ 1,686,435	\$ 58,684	\$ 1,627,751	\$ 63,239.73	\$ 6.09
2019	\$ 1,627,751	\$ 81,388	\$ 1,709,139	\$ 70,557	\$ 1,638,582	\$ 76,033.90	\$ 6.09
2020	\$ 1,638,582	\$ 81,929	\$ 1,720,511	\$ 82,429	\$ 1,638,081	\$ 88,828.06	\$ 6.09
2021	\$ 1,638,081	\$ 81,904	\$ 1,719,985	\$ 94,302	\$ 1,625,683	\$ 101,622.23	\$ 6.09
2022	\$ 1,625,683	\$ 81,284	\$ 1,706,967	\$ 106,175	\$ 1,600,793	\$ 114,416.39	\$ 6.09
2023	\$ 1,600,793	\$ 80,040	\$ 1,680,832	\$ 118,047	\$ 1,562,785	\$ 127,210.56	\$ 6.09
2024	\$ 1,562,785	\$ 78,139	\$ 1,640,925	\$ 118,726	\$ 1,522,199	\$ 127,941.65	\$ 6.09
2025	\$ 1,522,199	\$ 76,110	\$ 1,598,309	\$ 118,726	\$ 1,479,583	\$ 127,941.65	\$ 6.09
2026	\$ 1,479,583	\$ 73,979	\$ 1,553,562	\$ 118,726	\$ 1,434,837	\$ 127,941.65	\$ 6.09
2027	\$ 1,434,837	\$ 71,742	\$ 1,506,579	\$ 118,726	\$ 1,387,853	\$ 127,941.65	\$ 6.09
2028	\$ 1,387,853	\$ 69,393	\$ 1,457,246	\$ 118,726	\$ 1,338,520	\$ 127,941.65	\$ 6.09
2029	\$ 1,338,520	\$ 66,926	\$ 1,405,446	\$ 118,726	\$ 1,286,721	\$ 127,941.65	\$ 6.09
2030	\$ 1,286,721	\$ 64,336	\$ 1,351,057	\$ 118,726	\$ 1,232,331	\$ 127,941.65	\$ 6.09
2031	\$ 1,232,331	\$ 61,617	\$ 1,293,948	\$ 118,726	\$ 1,175,222	\$ 127,941.65	\$ 6.09
2032	\$ 1,175,222	\$ 58,761	\$ 1,233,983	\$ 118,726	\$ 1,115,258	\$ 127,941.65	\$ 6.09
2033	\$ 1,115,258	\$ 55,763	\$ 1,171,020	\$ 118,726	\$ 1,052,295	\$ 127,941.65	\$ 6.09
2034	\$ 1,052,295	\$ 52,615	\$ 1,104,910	\$ 118,726	\$ 986,184	\$ 127,941.65	\$ 6.09
2035	\$ 986,184	\$ 49,309	\$ 1,035,493	\$ 118,726	\$ 916,768	\$ 127,941.65	\$ 6.09
2036	\$ 916,768	\$ 45,838	\$ 962,606	\$ 118,726	\$ 843,880	\$ 127,941.65	\$ 6.09
2037	\$ 843,880	\$ 42,194	\$ 886,074	\$ 118,726	\$ 767,349	\$ 127,941.65	\$ 6.09
2038	\$ 767,349	\$ 38,367	\$ 805,716	\$ 118,726	\$ 686,991	\$ 127,941.65	\$ 6.09
2039	\$ 686,991	\$ 34,350	\$ 721,340	\$ 118,726	\$ 602,615	\$ 127,941.65	\$ 6.09
2040	\$ 602,615	\$ 30,131	\$ 632,745	\$ 118,726	\$ 514,020	\$ 127,941.65	\$ 6.09
2041	\$ 514,020	\$ 25,701	\$ 539,721	\$ 118,726	\$ 420,995	\$ 127,941.65	\$ 6.09
2042	\$ 420,995	\$ 21,050	\$ 442,045	\$ 118,726	\$ 323,319	\$ 127,941.65	\$ 6.09
2043	\$ 323,319	\$ 16,166	\$ 339,485	\$ 118,726	\$ 220,760	\$ 127,941.65	\$ 6.09
2044	\$ 220,760	\$ 11,038	\$ 231,798	\$ 118,726	\$ 113,072	\$ 127,941.65	\$ 6.09
2045	\$ 113,072	\$ 5,654	\$ 118,726	\$ 118,726	\$ [0]	\$ 127,941.65	\$ 6.09
2046							
2047							
2048							

Exhibit C

Series	Beginning Balance	Interest Expense	Subtotal	Total Annual Debt Payment	Ending Balance	Annual Minimum Bill Paid to PUA	Monthly Minimum per LLE	Total Annual Debt Payment	Annual Minimum Bill Paid to PUA	Monthly Minimum per LLE	
2014								2014	\$ 90,654	\$ 97,690.68	\$ 49.34
2015								2015	\$ 186,802	\$ 201,302.01	\$ 49.34
2016								2016	\$ 317,689	\$ 342,564.73	\$ 55.43
2017								2017	\$ 425,909	\$ 458,970.23	\$ 55.43
2018								2018	\$ 533,930	\$ 575,375.72	\$ 55.43
2019	\$ 1,165,208	\$ 58,260	\$ 1,223,468	\$ 47,956	\$ 1,175,512	\$ 51,678.61	\$ 4.14	2019	\$ 689,906	\$ 743,459.82	\$ 59.57
2020	\$ 1,175,512	\$ 58,776	\$ 1,234,288	\$ 56,026	\$ 1,178,262	\$ 60,374.53	\$ 4.14	2020	\$ 805,996	\$ 868,561.23	\$ 59.57
2021	\$ 1,178,262	\$ 58,913	\$ 1,237,175	\$ 64,095	\$ 1,179,080	\$ 69,070.44	\$ 4.14	2021	\$ 922,086	\$ 993,662.64	\$ 59.57
2022	\$ 1,173,080	\$ 58,654	\$ 1,231,734	\$ 72,165	\$ 1,159,570	\$ 77,766.36	\$ 4.14	2022	\$ 1,038,176	\$ 1,118,764.05	\$ 59.57
2023	\$ 1,159,570	\$ 57,978	\$ 1,217,548	\$ 80,234	\$ 1,137,314	\$ 86,462.28	\$ 4.14	2023	\$ 1,154,266	\$ 1,249,865.46	\$ 59.57
2024	\$ 1,137,314	\$ 56,866	\$ 1,194,180	\$ 80,695	\$ 1,113,485	\$ 86,959.19	\$ 4.14	2024	\$ 1,160,899	\$ 1,251,014.11	\$ 59.57
2025	\$ 1,113,485	\$ 55,674	\$ 1,169,159	\$ 80,695	\$ 1,088,464	\$ 86,959.19	\$ 4.14	2025	\$ 1,160,899	\$ 1,251,014.11	\$ 59.57
2026	\$ 1,088,464	\$ 54,423	\$ 1,142,887	\$ 80,695	\$ 1,062,192	\$ 86,959.19	\$ 4.14	2026	\$ 1,160,899	\$ 1,251,014.11	\$ 59.57
2027	\$ 1,062,192	\$ 53,110	\$ 1,115,301	\$ 80,695	\$ 1,034,606	\$ 86,959.19	\$ 4.14	2027	\$ 1,160,899	\$ 1,251,014.11	\$ 59.57
2028	\$ 1,034,606	\$ 51,730	\$ 1,086,336	\$ 80,695	\$ 1,005,641	\$ 86,959.19	\$ 4.14	2028	\$ 1,160,899	\$ 1,251,014.11	\$ 59.57
2029	\$ 1,005,641	\$ 50,282	\$ 1,055,923	\$ 80,695	\$ 975,228	\$ 86,959.19	\$ 4.14	2029	\$ 1,160,899	\$ 1,251,014.11	\$ 59.57
2030	\$ 975,228	\$ 48,761	\$ 1,023,989	\$ 80,695	\$ 943,294	\$ 86,959.19	\$ 4.14	2030	\$ 1,160,899	\$ 1,251,014.11	\$ 59.57
2031	\$ 943,294	\$ 47,165	\$ 990,459	\$ 80,695	\$ 909,763	\$ 86,959.19	\$ 4.14	2031	\$ 1,160,899	\$ 1,251,014.11	\$ 59.57
2032	\$ 909,763	\$ 45,488	\$ 955,252	\$ 80,695	\$ 874,556	\$ 86,959.19	\$ 4.14	2032	\$ 1,160,899	\$ 1,251,014.11	\$ 59.57
2033	\$ 874,556	\$ 43,728	\$ 918,284	\$ 80,695	\$ 837,589	\$ 86,959.19	\$ 4.14	2033	\$ 1,160,899	\$ 1,251,014.11	\$ 59.57
2034	\$ 837,589	\$ 41,879	\$ 879,468	\$ 80,695	\$ 798,773	\$ 86,959.19	\$ 4.14	2034	\$ 1,160,899	\$ 1,251,014.11	\$ 59.57
2035	\$ 798,773	\$ 39,939	\$ 838,712	\$ 80,695	\$ 758,017	\$ 86,959.19	\$ 4.14	2035	\$ 1,160,899	\$ 1,251,014.11	\$ 59.57
2036	\$ 758,017	\$ 37,901	\$ 795,917	\$ 80,695	\$ 715,222	\$ 86,959.19	\$ 4.14	2036	\$ 1,160,899	\$ 1,251,014.11	\$ 59.57
2037	\$ 715,222	\$ 35,761	\$ 750,983	\$ 80,695	\$ 670,288	\$ 86,959.19	\$ 4.14	2037	\$ 1,160,899	\$ 1,251,014.11	\$ 59.57
2038	\$ 670,288	\$ 33,514	\$ 703,802	\$ 80,695	\$ 623,107	\$ 86,959.19	\$ 4.14	2038	\$ 1,160,899	\$ 1,251,014.11	\$ 59.57
2039	\$ 623,107	\$ 31,155	\$ 654,263	\$ 80,695	\$ 573,567	\$ 86,959.19	\$ 4.14	2039	\$ 1,160,899	\$ 1,251,014.11	\$ 59.57
2040	\$ 573,567	\$ 28,678	\$ 602,246	\$ 80,695	\$ 521,550	\$ 86,959.19	\$ 4.14	2040	\$ 1,160,899	\$ 1,251,014.11	\$ 59.57
2041	\$ 521,550	\$ 26,078	\$ 547,628	\$ 80,695	\$ 466,933	\$ 86,959.19	\$ 4.14	2041	\$ 1,160,899	\$ 1,251,014.11	\$ 59.57
2042	\$ 466,933	\$ 23,347	\$ 490,279	\$ 80,695	\$ 409,584	\$ 86,959.19	\$ 4.14	2042	\$ 1,160,899	\$ 1,251,014.11	\$ 59.57
2043	\$ 409,584	\$ 20,479	\$ 430,063	\$ 80,695	\$ 349,368	\$ 86,959.19	\$ 4.14	2043	\$ 1,160,899	\$ 1,251,014.11	\$ 59.57
2044	\$ 349,368	\$ 17,468	\$ 366,837	\$ 80,695	\$ 286,141	\$ 86,959.19	\$ 4.14	2044	\$ 1,160,899	\$ 1,251,014.11	\$ 59.57
2045	\$ 286,141	\$ 14,307	\$ 300,448	\$ 80,695	\$ 219,753	\$ 86,959.19	\$ 4.14	2045	\$ 1,160,899	\$ 1,251,014.11	\$ 59.57
2046	\$ 219,753	\$ 10,988	\$ 230,741	\$ 80,695	\$ 150,046	\$ 86,959.19	\$ 4.14	2046	\$ 80,695	\$ 86,959.19	\$ 4.14
2047	\$ 150,046	\$ 7,502	\$ 157,548	\$ 80,695	\$ 76,853	\$ 86,959.19	\$ 4.14	2047	\$ 80,695	\$ 86,959.19	\$ 4.14
2048	\$ 76,853	\$ 3,843	\$ 80,695	\$ 80,695	\$ (0)	\$ 86,959.19	\$ 4.14	2048	\$ 80,695	\$ 86,959.19	\$ 4.14

West Travis county Public Utility Agency
FYE2014 Rate StudySchedule 1
FYE2014 Revenue Requirement

	FYE 2014 Budget	Adjustments	FYE 2014 Revenue Requirements
Expense			
(1) Water Department - Expense			
16100 • LCRA Raw Water Reservation Fees			
16101 • LCRA - Raw Water Used (W)	875,942		875,942
16102 • LCRA - Raw Water Reservation(W)	492,776		492,776
16110 • Contract Operations - Water			
16111 • Base Fee for Services (W)	859,805		859,805
16112 • Maintenance & Repairs (W)	0		0
System Wide	481,470		481,470
Distribution System	591,401		591,401
Preventative Maintenance - Plant	40,000		40,000
Preventative Maintenance - Distribution System	30,000		30,000
16113 • Customer Service (W)	358,527		358,527
16114 • Engineering/ Const Fees (W)	34,000		34,000
16120 • Material & Supplies (W)	0		0
16130 • Chemicals (W)	281,956		281,956
Sludge Removal	333,444		333,444
16150 • Outside Services (W)	0		0
16160 • Utilities - Electric (W)	1,286,437		1,286,437
16170 • Utilities - Telephone (W)	18,204		18,204
16180 • Environmental Regulatory Fee(W)	0		0
16190 • Other Expenses (W)	250,000		250,000
(2) Wastewater Department - Exp			
16200 • Contract Operations-Wastewater			
16201 • Base Fee for Services (WW)	244,951		244,951
16202 • Maintenance & Repairs (WW)	0		0
Lakepoint WWTP Maintenance	271,122		271,122
Bohl's WWTP Maintenance	17,200		17,200
Lift Station #14 Maintenance	89,821		89,821
Other Lift Station Maintenance	111,452		111,452
Collection System Maintenance	4,179		4,179
Preventative Maintenance - Plant	25,000		25,000
Preventative Maintenance - Collection System	15,000		15,000
I&I Study and Maintenance	100,000		100,000
Industrial Pre Treatment Program	40,000		40,000
16203 • Customer Services (WW)	38,160		38,160
16210 • Materials & Supplies (WW)	0		0
16214 • Engineering/ Const Fees (W)	26,500		26,500
Bohl's Irrigation	4,500		4,500
16220 • Chemicals (WW)	156,746		156,746
16230 • Sludge Disposal (WW)	365,056		365,056
16240 • Utilities - Electric (WW)	0		0
Lakepoint WWTP	127,264		127,264
Lift Station #14	15,467		15,467
Remaining WW Electric	32,175		32,175
16250 • Utilities - Telephone (WW)	5,861		5,861
16260 • Environmental Regulatory Fe(WW)	0		0
16270 • Other Expense (WW)	3,837		3,837
16280 • Utilities - Gas (WW)	627		627
16330 • Special Programs	0		0
(3) Shared Department - Expense			
16300 • Professional Services	0		0
General Operating	0		0
16311 • General Counsel - Operating	500,000		500,000
16312 • Engineering - Operating	250,400		250,400
16313 • General Manager - Operating	0		0
16314 • Bookkeeping - Operating	90,121		90,121

West Travis county Public Utility Agency
FYE2014 Rate Study

Schedule 1
FYE2014 Revenue Requirement

	FYE 2014 Budget	Adjustments	FYE 2014 Revenue Requirements
16315 • Financial Manager - Operating	119,237		119,237
16316 • Auditor - Operating	45,000		45,000
16317 • General Counsel-Litigation	0		0
Special Contract Services	0		0
16322 • Rate Study - Special Contract	50,000		50,000
16323 • Inspections/Plan Review-Special	0		0
16324 • Other Engineering Analyses-Spec	0		0
16324 • Other Engineering Analyses-Spec - Other	10,000		10,000
Transitional Support Services	0		0
16301 • General Counsel - Transitional	0		0
16302 • Engineering - Transitional	0		0
630201 • Task 22 - SER Activities	0		0
16302 • Engineering - Transitional - Other	0		0
16303 • General Manager - Transitional	0		0
16304 • Bookkeeping - Transitional	0		0
16305 • Financial Manager -Transitional	0		0
16306 • Misc - Transitional	0		0
16307 • Auditor	0		0
16331 • Inventory Purchases Not Funded	100,000		100,000
16332 • Leak Detection Program	75,000		75,000
16333 • SCADA Control System Maintenance	100,000		100,000
16335 • Tools & Shop Supplies	0		0
16336 • Computer Maintenance & Repair	33,600		33,600
16338 • Janitor/Contract Labor	2,100		2,100
16339 • Office Data & Supplies	30,000		30,000
16340 • Membership & Dues	17,500		17,500
16341 • Utilities - Office & Outside Fa	2,624		2,624
16342 • Conservation Education & Enforc	130,000		130,000
16343 • Insurance - General	130,690		130,690
16344 • Bank Charges	737		737
16345 • Misc. Operating Expense	4,653		4,653
16347 • Lease Expense	67,406		67,406
16410 • Salaries	502,784		502,784
16420 • FICA and Benefits	172,129		172,129
16560 • Miscellaneous Expense	100,000		100,000
17110 • Capital Outlay	0		0
Total O&M Expense	10,162,860		10,162,860
	TRUE		
Annual Debt Service			
Wholesale Customer Debt Service - Water	954,487	(954,487)	0
Wholesale Customer Debt Service - Wastewater	103,062	(103,062)	0
Effluent Debt Service	29,190	7,298	36,488
Retail Customer Debt Service -Water	4,779,600	1,194,900	5,974,500
Retail Customer Debt Service - Wastewater	762,633	190,658	953,291
	6,628,972	335,308	6,964,279
TOTAL ANNUAL EXPENSE	16,791,831	335,308	17,127,139
Income			
(1) Water Department - Revenue			
14100 • Retail Revenues - Water			
14101 • Minimum Bill Revenues (W)	3,781,382	(3,781,382)	0
14102 • Volumetric Revenues (W)	6,571,605	(6,571,605)	0
14103 • Application Fee (W)	92,200		92,200

West Travis county Public Utility Agency
FYE2014 Rate Study

Schedule 1
FYE2014 Revenue Requirement

	FYE 2014 Budget	Adjustments	FYE 2014 Revenue Requirements
14104 • Tap Fees (W)	557,615		557,615
14105 • Late Fee (W)	277,348		277,348
14106 • Return Check Fee (W)	2,403		2,403
14107 • Inspection Fee (W)	1,900		1,900
14108 • Inquiry Fee	4,070		4,070
14110 • Wholesale Revenues - (WSW)			
14111 • Minimum Bill Revenues (WSW)	1,157,698	(1,157,698)	
14112 • Volumetric Revenues (WSW)	1,870,356	(1,870,356)	
14120 • Other Revenues (W)			
14121 • LUE Reservation Fees	139,475	(139,475)	0
Retail Off-Set		235,221	235,221
System Wide Off-Set		83,088	83,088
14122 • Irrigation Customer Sales (W)	924,317	(924,317)	
14123 • Meter Set Fee (W)	120,074		120,074
14124 • Connection Fees	28,703		28,703
14125 • Billing Services (W)	7,400		7,400
14126 • Drainage Fees	30		30
(2) Wastewater Department - Rev			
14200 • Retail & Wholesale Revenues (WW)			
14201 • Minimum Bill/Volumetric Rev (WW)	2,633,930	(2,633,930)	
Wholesale Minimum Bill	136,267	(136,267)	
Wholesale Volumetric Rate	78,525	(78,525)	
Application Fees	0		0
14204 • Tap Fee (WW)	175,450		175,450
SER Fees - In-House		50,000	50,000
Late Fees	0		0
Returned Check Fee	0		0
Inspection Fee	900		900
14220 • Other Revenues (WW)			
14221 • Grinder Pump Surcharge (WW)	15,475		15,475
14222 • Billing Services (WW)	12,300		12,300
(3) Shared Department - Revenue			
14300 • Shared Department			
Misc Income			0
Total Income	18,589,424		1,664,177
TOTAL REVENUE REQUIREMENT			\$ 15,462,962

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RFA 3-2 Attachment 2
Exhibit D

Notes

Notes

Excluded from analysis, wholesale
customer debt service is recovered
from contractually set minimum bill

Increased 25% for times coverage

Increased 25% for times coverage

Increased 25% for times coverage

Based on prior year actual

Notes

Based on prior year actual
Based on prior year actual
Based on prior year actual
Based on prior year actual
Based on prior year actual

Listed Separately Below
Debt and Raw Water Reservation
Portion of LUE Reservation Fees
Fixed O&M Portion of Fee

Based on prior year actual
Based on prior year actual
Removed - pass through revenue.
Based on prior year actual

Based on prior year actual

Based on prior year actual
Based on prior year actual
Based on prior year actual
Based on prior year actual
Based on prior year actual
Based on prior year actual

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Exhibit D

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

Schedule 2

Summary of LUE Reservation Fees

LUEs Reserved (Not Connected to System)	2014	Notes
POLO COUNTRY CLUB/ROOSTER SPRINGS	206	
VISTA RANCH (Blue Blazes?) - Red River Investments	85	
CEDAR VALLEY INVESTMENTS - Bob Sorells	10	
DRIPPING SPRINGS ISD		
DRIPPING SPRINGS ISD		
SAWYER 290 CROSSING/SHOPS@ HIGHPOINT	30	
WILSON FAMILY COMMUNITIES		
GRAHAM MORTGAGE CORPORATION		
LSM RANCH, LTD		
Scott Roberts	256	Assumed begin building in 2014.
PULTE HOMES		
BHM HIGHPOINT		
LINDA FLUKE (LUCKIE)		
TOTAL	587	

Debt Service Portion of Fee	2014	Notes
POLO COUNTRY CLUB/ROOSTER SPRINGS	\$ 379.17	
VISTA RANCH (Blue Blazes?)	\$ 379.17	
CEDAR VALLEY INVESTMENTS	\$ 175.00	
DRIPPING SPRINGS ISD	\$ 379.17	
DRIPPING SPRINGS ISD	\$ 379.17	
SAWYER 290 CROSSING/SHOPS@ HIGHPOINT	\$ 175.00	
WILSON FAMILY COMMUNITIES	\$ 379.17	
GRAHAM MORTGAGE CORPORATION	\$ 379.17	
LSM RANCH, LTD	\$ 379.17	
Scott Roberts	\$ 379.17	
PULTE HOMES	\$ 379.17	
BHM HIGHPOINT	\$ 379.17	
LINDA FLUKE (LUCKIE)	\$ 379.17	

O & M Portion of Fee	2014	Notes
POLO COUNTRY CLUB/ROOSTER SPRINGS	\$ 151.90	
VISTA RANCH (Blue Blazes?)	\$ 151.90	
CEDAR VALLEY INVESTMENTS		
DRIPPING SPRINGS ISD	\$ 151.90	
DRIPPING SPRINGS ISD	\$ 151.90	
SAWYER 290 CROSSING/SHOPS@ HIGHPOINT		

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Exhibit D

WILSON FAMILY COMMUNITIES	\$ 151.90	
GRAHAM MORTGAGE CORPORATION	\$ 151.90	
LSM RANCH, LTD	\$ 151.90	
Scott Roberts	\$ 151.90	
PULTE HOMES	\$ 151.90	
BHM HIGHPOINT	\$ 151.90	
LINDA FLUKE (LUCKIE)	\$ 151.90	

Raw Water Portion of Fee	2014	Notes
POLO COUNTRY CLUB/ROOSTER SPRINGS	\$ 38.06	
VISTA RANCH (Blue Blazes?)	\$ 38.06	
CEDAR VALLEY INVESTMENTS		
DRIPPING SPRINGS ISD	\$ 38.06	
DRIPPING SPRINGS ISD	\$ 38.06	
SAWYER 290 CROSSING/SHOPS@ HIGHPOINT		
WILSON FAMILY COMMUNITIES	\$ 38.06	
GRAHAM MORTGAGE CORPORATION	\$ 38.06	
LSM RANCH, LTD	\$ 38.06	
Scott Roberts	\$ 38.06	
PULTE HOMES	\$ 38.06	
BHM HIGHPOINT	\$ 38.06	
LINDA FLUKE (LUCKIE)	\$ 38.06	

Retail/Future Debt Service Off-Set	2014	Notes
POLO COUNTRY CLUB/ROOSTER SPRINGS	\$ 78,108	
VISTA RANCH (Blue Blazes?)	32,229	
CEDAR VALLEY INVESTMENTS	1,750	
DRIPPING SPRINGS ISD	-	
DRIPPING SPRINGS ISD	-	
SAWYER 290 CROSSING/SHOPS@ HIGHPOINT	5,250	
WILSON FAMILY COMMUNITIES	-	
GRAHAM MORTGAGE CORPORATION	-	
LSM RANCH, LTD	-	
Scott Roberts	97,067	
PULTE HOMES	-	
BHM HIGHPOINT	-	
LINDA FLUKE (LUCKIE)	\$ -	
TOTAL	214,404	

O & M Off-Set	2014	Notes
POLO COUNTRY CLUB/ROOSTER SPRINGS	\$ 31,291	
VISTA RANCH (Blue Blazes?)	12,911	
CEDAR VALLEY INVESTMENTS	-	

DRIPPING SPRINGS ISD	-	
DRIPPING SPRINGS ISD	-	
SAWYER 290 CROSSING/SHOPS@ HIGHPOINT	-	
WILSON FAMILY COMMUNITIES	-	
GRAHAM MORTGAGE CORPORATION	-	
LSM RANCH, LTD	-	
Scott Roberts	38,886	
PULTE HOMES	-	
BHM HIGHPOINT	-	
LINDA FLUKE (LUCKIE)	-	
TOTAL	\$ 83,088	

Raw Water Off-Set	2014	Notes
POLO COUNTRY CLUB/ROOSTER SPRINGS	\$ 7,840	
VISTA RANCH (Blue Blazes?)	3,235	
CEDAR VALLEY INVESTMENTS	-	
DRIPPING SPRINGS ISD	-	
DRIPPING SPRINGS ISD	-	
SAWYER 290 CROSSING/SHOPS@ HIGHPOINT	-	
WILSON FAMILY COMMUNITIES	-	
GRAHAM MORTGAGE CORPORATION	-	
LSM RANCH, LTD	-	
Scott Roberts	9,743	
PULTE HOMES	-	
BHM HIGHPOINT	-	
LINDA FLUKE (LUCKIE)	-	
TOTAL	\$ 20,817	

West Travis county Public Utility Agency
FYE2014 Rate Study

Schedule 3
Water/Wastewater Split

	FY 2014 Revenue Requirements	Water	Waste water	Water	Wastewater	Notes
Expense						
(1) Water Department - Expense						
16100 • LCRA Raw Water Reservation Fees						
16101 • LCRA - Raw Water Used (W)	875,942	92%	8%	804,594	71,348	
16102 • LCRA - Raw Water Reservation(W)	492,776	100%		492,776	0	
16110 • Contract Operations - Water		100%		0	0	
16111 • Base Fee for Services (W)	859,805	100%		859,805	0	
16112 • Maintenance & Repairs (W)	0	100%		0	0	
System Wide	481,470	100%		481,470	0	
Distribution System	591,401	100%		591,401	0	
Preventative Maintenance - Plant	40,000	100%		40,000	0	
Preventative Maintenance - Distribution System	30,000	100%		30,000	0	
16113 • Customer Service (W)	358,527	100%		358,527	0	
16114 • Engineering/ Const Fees (W)	34,000	100%		34,000	0	
16120 • Material & Supplies (W)	0	100%		0	0	
16130 • Chemicals (W)	281,956	100%		281,956	0	
Sludge Removal	333,444	100%		333,444	0	
16150 • Outside Services (W)	0	100%		0	0	
16160 • Utilities - Electric (W)	1,286,437	100%		1,286,437	0	
16170 • Utilities - Telephone (W)	18,204	100%		18,204	0	
16180 • Environmental Regulatory Fee(W)	0	100%		0	0	
16190 • Other Expenses (W)	250,000	100%		250,000	0	
(2) Wastewater Department - Exp						
16200 • Contract Operations-Wastewater	0		100%	0	0	
16201 • Base Fee for Services (WW)	244,951		100%	0	244,951	
16202 • Maintenance & Repairs (WW)	0		100%	0	0	
Lakepoint WWTP Maintenance	271,122		100%	0	271,122	
Bohl's WWTP Maintenance	17,200		100%	0	17,200	
Lift Station #14 Maintenance	89,821		100%	0	89,821	
Other Lift Station Maintenance	111,452		100%	0	111,452	
Collection System Maintenance	4,179		100%	0	4,179	
Preventative Maintenance - Plant	25,000		100%	0	25,000	
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%	0	26,500	
Bohl's Irrigation	4,500		100%	0	4,500	
16220 • Chemicals (WW)	156,746		100%	0	156,746	
16230 • Sludge Disposal (WW)	365,056		100%	0	365,056	
16240 • Utilities - Electric (WW)	0		100%	0	0	
Lakepoint WWTP	127,264		100%	0	127,264	
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%	0	5,861	
16260 • Environmental Regulatory Fe(WW)	0		100%	0	0	
16270 • Other Expense (WW)	3,837		100%	0	3,837	
16280 • Utilities - Gas (WW)	627		100%	0	627	
16330 • Special Programs	0		100%	0	0	
(3) Shared Department - Expense						
16300 • Professional Services	0		100%	0	0	
General Operating	0	78%	22%	0	0	Composite of direct expenses.
16311 • General Counsel - Operating	500,000	78%	22%	389,846	110,154	Composite of direct expenses.
16312 • Engineering - Operating	250,400	54%	46%	136,449	113,951	Consultant estimate
16313 • General Manager - Operating	0	78%	22%	0	0	Composite of direct expenses.
16314 • Bookkeeping - Operating	90,121	78%	22%	70,267	19,854	Composite of direct expenses.
16315 • Financial Manager - Operating	119,237	78%	22%	92,968	26,269	Composite of direct expenses.
16316 • Auditor - Operating	45,000	78%	22%	35,086	9,914	Composite of direct expenses.
16317 • General Counsel-Litigation	0	78%	22%	0	0	Composite of direct expenses.
Special Contract Services	0	78%	22%	0	0	Composite of direct expenses.
16322 • Rate Study - Special Contract	50,000	78%	22%	38,985	11,015	Composite of direct expenses.
16323 • Inspections/Plan Review-Special	0	78%	22%	0	0	Composite of direct expenses.
16323 • Inspections/Plan Review-Special - Other	0	78%	22%	0	0	Composite of direct expenses.
16324 • Other Engineering Analyses-Spec	10,000	78%	22%	7,797	2,203	Composite of direct expenses.
Transitional Support Services	0	78%	22%	0	0	Composite of direct expenses.

West Travis county Public Utility Agency
FYE2014 Rate Study

Schedule 3
Water/Wastewater Split

	FYE 2014 Revenue Requirements	% Water	% Waste water	Water	Wastewater	Notes
16301 • General Counsel - Transitional	0	78%	22%	0	0	Composite of direct expenses.
16302 • Engineering - Transitional	0	78%	22%	0	0	Composite of direct expenses.
630201 • Task 22 - SER Activities	0	78%	22%	0	0	Composite of direct expenses.
16302 • Engineering - Transitional - Other	0	78%	22%	0	0	Composite of direct expenses.
16303 • General Manager - Transitional	0	78%	22%	0	0	Composite of direct expenses.
16304 • Bookkeeping - Transitional	0	78%	22%	0	0	Composite of direct expenses.
16305 • Financial Manager - Transitional	0	78%	22%	0	0	Composite of direct expenses.
16306 • Misc - Transitional	0	78%	22%	0	0	Composite of direct expenses.
16307 • Auditor	0	78%	22%	0	0	Composite of direct expenses.
16331 • Inventory Purchases Not Funded	100,000	100%		100,000	0	
16332 • Leak Detection Program	75,000	100%		75,000	0	
16333 • SCADA Control System Maintenance	100,000	100%		100,000	0	
16335 • Tools & Shop Supplies	0	78%	22%	0	0	Composite of direct expenses.
16336 • Computer Maintenance & Repair	33,600	78%	22%	26,198	7,402	Composite of direct expenses.
16338 • Janitor/Contract Labor	2,100	100%		2,100	0	
16339 • Office Data & Supplies	30,000	78%	22%	23,391	6,609	Composite of direct expenses.
16340 • Membership & Dues	17,500	78%	22%	13,645	3,855	Composite of direct expenses.
16341 • Utilities - Office & Outside Fa	2,624	78%	22%	2,046	578	Composite of direct expenses.
16342 • Conservation Education & Enforc	130,000	100%		130,000	0	
16343 • Insurance - General	130,690	75%	25%	97,773	32,917	Based on composite of assets
16344 • Bank Charges	737	78%	22%	575	162	Composite of direct expenses.
16345 • Misc. Operating Expense	4,653	78%	22%	3,628	1,025	Composite of direct expenses.
16347 • Lease Expense	67,406	78%	22%	52,556	14,850	Composite of direct expenses.
16410 • Salaries	502,784	77%	23%	389,480	113,304	Salaries composite.
16420 • FICA and Benefits	172,129	77%	23%	133,340	38,790	Salaries composite.
16560 • Miscellaneous Expense	100,000	77%	23%	77,465	22,535	Salaries composite.
17110 • Capital Outlay	0			0	0	
Total O&M Expense	10,162,860			7,861,206	2,301,654	
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	36,488		100%	0	36,488	
Retail Customer Debt Service and Times Coverage - Water	5,974,500	100%		5,974,500	0	
Retail Customer Debt Service and Times Coverage - Wastewater	953,291		100%	0	953,291	
	6,964,279			5,974,500	989,779	
TOTAL ANNUAL EXPENSE	17,127,139			13,835,706	3,291,433	
Income						
(1) Water Department - Revenue						
14100 • Retail Revenues - Water	0					
14101 • Minimum Bill Revenues (W)	0	100%		0	0	
14102 • Volumetric Revenues (W)	0	100%		0	0	
14103 • Application Fee (W)	92,200	78%	22%	72,040	20,160	Customer Count
14104 • Tap Fees (W)	557,615	100%		557,615	0	
14105 • Late Fee (W)	277,348	81%	19%	224,048	53,300	Expense Composite
14106 • Return Check Fee (W)	2,403	81%	19%	1,941	462	Expense Composite
14107 • Inspection Fee (W)	1,900	81%	19%	1,535	365	Expense Composite
14108 • Inquiry Fee	4,070	81%	19%	3,288	782	Expense Composite
14110 • Wholesale Revenues - (WSW)	0	100%		0	0	
14111 • Minimum Bill Revenues (WSW)	0	100%		0	0	
14112 • Volumetric Revenues (WSW)	0	100%		0	0	
14120 • Other Revenues (W)	0	100%		0	0	
14121 • LUE Reservation Fees System-wide offset	0	100%		0	0	
LUE Reservation Fees - Retail Off-Set	235,221	100%		235,221	0	
LUE Reservation Fees - system-Wide	83,088	100%		83,088	0	
14122 • Irrigation Customer Sales (W)	0	100%		0	0	
14123 • Meter Set Fee (W)	120,074	100%		120,074	0	
14124 • Connection Fees	28,703	100%		28,703	0	
14125 • Billing Services (W)	7,400		100%	0	7,400	
14126 • Drainage Fees	30	100%		30	0	
(2) Wastewater Department - Rev						
14200 • Retail & Wholesale Revenues (WW)	0	100%		0	0	
14201 • Minimum Bill/Volumetric Rev (WW - Retail)	0	100%		0	0	

West Travis county Public Utility Agency
FYE2014 Rate StudySchedule 3
Water/Wastewater Split

	FYE 2014 Revenue Requirements	"u" Water	"u" Waste water	Water	Wastewater	Notes
Wholesale Minimum Bill	0					
Wholesale Volumetric Rate	0					
Application Fees	0					
14204 - Tap Fee (WW)	175,450		100%	0	175,450	
SER Fees	50,000	77%	23%	38,732	11,268	Allocated on same basis of salaries.
Late Fees	0					
Returned Check Fee	0					
Inspection Fee	900	81%	19%	727	173	Expense Composite
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
(3) Shared Department - Revenue	0	100%		0	0	
14300 - Shared Department	0	100%		0	0	
14304 - Interest Earned on Checking	0	81%	19%	0	0	Expense Composite
Total Income	1,664,177			1,367,042	297,135	
TOTAL REVENUE REQUIREMENT	\$ 15,462,962			\$ 12,468,664	\$ 2,994,298	
	TRUE			TRUE		
 Direct Expenses	 8,166,668			 6,367,486	 1,799,182	
				78%	22%	
Total Expense Composite				81%	19%	
Customer Count Composite						
Water	6,210			78%	22%	
Wastewater	1,738					
	7,948					
Water Assets	128,603,059			75%	25%	
Wastewater Assets	43,297,218					
	171,900,277					

West Travis county Public Utility Agency
FYE2014 Rate Study

Schedule 4
Water Revenue Requirements

Expense	2014	Inflation	Notes
(1) Water Department - Expense			
16100 · LCRA Raw Water Reservation Fees			
16101 · LCRA - Raw Water Used (W)	804,594	3%	Inflation compounded by 5% growth
16102 · LCRA - Raw Water Reservation(W)	492,776	3%	Inflation compounded by 5% growth
16110 · Contract Operations - Water			
16111 · Base Fee for Services (W)	859,805	4%	
16112 · Maintenance & Repairs (W)	0		
System Wide	481,470	4%	
Distribution System	591,401	4%	
Preventative Maintenance - Plant	40,000	4%	
Preventative Maintenance - Distribution System	30,000	4%	
16113 · Customer Service (W)	358,527	4%	Inflation compounded by 5% growth
16114 · Engineering/ Const Fees (W)	34,000	3%	
16120 · Material & Supplies (W)	0	3%	
16130 · Chemicals (W)	281,956	3%	Inflation compounded by 5% growth
Sludge Removal	333,444	3%	Inflation compounded by 5% growth
16150 · Outside Services (W)	0	3%	
16160 · Utilities - Electric (W)	1,286,437	3%	Inflation compounded by 5% growth
16170 · Utilities - Telephone (W)	18,204	3%	
16180 · Environmental Regulatory Fee(W)	0	3%	
16190 · Other Expenses (W)	250,000	3%	
(2) Wastewater Department - Exp	0	3%	
16200 · Contract Operations-Wastewater	0	3%	
16201 · Base Fee for Services (WW)	0	3%	
16202 · Maintenance & Repairs (WW)	0	3%	
Lakepoint WWTP Maintenance	0	3%	
Bohl's WWTP Maintenance	0	3%	
Lift Station #14 Maintenance	0	3%	
Other Lift Station Maintenance	0	3%	
Collection System Maintenance	0	3%	
Preventative Maintenance - Plant	0	3%	
Preventative Maintenance - Collection System	0	3%	
I&I Study and Maintenance	0	3%	
Industrial Pre Treatment Program	0	3%	
16203 · Customer Services (WW)	0	3%	
16210 · Materials & Supplies (WW)	0	3%	
16214 · Engineering/ Const Fees (W)	0	3%	
Bohl's Irrigation	0	3%	
16220 · Chemicals (WW)	0	3%	
16230 · Sludge Disposal (WW)	0	3%	
16240 · Utilities - Electric (WW)	0	3%	
Lakepoint WWTP	0	3%	
Lift Station #14	0	3%	
Remaining WW Electric	0	3%	
16250 · Utilities - Telephone (WW)	0	3%	
16260 · Environmental Regulatory Fe(WW)	0	3%	

West Travis county Public Utility Agency
FYE2014 Rate Study

Schedule 4
Water Revenue Requirements

	2014	Inflation	Notes
16270 · Other Expense (WW)	0	3%	
16280 · Utilities - Gas (WW)	0	3%	
16330 · Special Programs	0	3%	
(3) Shared Department - Expense	0	3%	
16300 · Professional Services	0	3%	
General Operating	0	3%	
16311 · General Counsel - Operating	389,846	3%	
16312 · Engineering - Operating	136,449	3%	Removed Curtis Wilson and replaced with District engineer.
16313 · General Manager - Operating	0	3%	
16314 · Bookkeeping - Operating	70,267	3%	
16315 · Financial Manager - Operating	92,968	3%	
16316 · Auditor - Operating	35,086	3%	
16317 · General Counsel-Litigation	0	3%	
Special Contract Services	0	3%	
16322 · Rate Study - Special Contract	38,985	3%	
16323 · Inspections/Plan Review-Special	0	3%	
16323 · Inspections/Plan Review-Special - Other	0	3%	
16324 · Other Engineering Analyses-Spec	7,797	3%	
Transitional Support Services	0	3%	
16301 · General Counsel - Transitional	0	3%	
16302 · Engineering - Transitional	0	3%	
630201 · Task 22 - SER Activities	0	3%	
16302 · Engineering - Transitional - Other	0	3%	
16303 · General Manager - Transitional	0	3%	
16304 · Bookkeeping - Transitional	0	3%	
16305 · Financial Manager -Transitional	0	3%	
16306 · Misc - Transitional	0	3%	
16307 · Auditor	0	3%	
16331 · Inventory Purchases Not Funded	100,000	3%	
16332 · Leak Detection Program	75,000	3%	
16333 · SCADA Control System Maintenance	100,000	3%	
16335 · Tools & Shop Supplies	0	3%	
16336 · Computer Maintenance & Repair	26,198	3%	
16338 · Janitor/Contract Labor	2,100	3%	
16339 · Office Data & Supplies	23,391	3%	
16340 · Membership & Dues	13,645	3%	
16341 · Utilities - Office & Outside Fa	2,046	3%	
16342 · Conservation Education & Enforc	130,000	3%	
16343 · Insurance - General	97,773	3%	
16344 · Bank Charges	575	3%	
16345 · Misc. Operating Expense	3,628	3%	
16347 · Lease Expense	52,556	10%	
16410 · Salaries	389,480	3%	
16420 · FICA and Benefits	133,340	3%	
16560 · Miscellaneous Expense	77,465	3%	
17110 · Capital Outlay	0	3%	
Total O&M Expense	7,861,206		
	TRUE		
Annual Debt Service			
Wholesale Customer Debt Service and Times Coverage - Water	0		

West Travis county Public Utility Agency
FYE2014 Rate StudySchedule 4
Water Revenue Requirements

	2014	Inflation	Notes
Wholesale Customer Debt Service and Times Coverage - Wastewater	0		
Effluent Debt Service and Times Coverage	0		
Retail Customer Debt Service and Times Coverage - Water	5,974,500		
Retail Customer Debt Service and Times Coverage - Wastewater	0		
	5,974,500		
TOTAL ANNUAL EXPENSE	13,835,706		
Income			
(1) Water Department - Revenue			
14100 · Retail Revenues - Water			
14101 · Minimum Bill Revenues (W)	0		
14102 · Volumetric Revenues (W)	0		
14103 · Application Fee (W)	72,040		
14104 · Tap Fees (W)	557,615		
14105 · Late Fee (W)	224,048		
14106 · Return Check Fee (W)	1,941		
14107 · Inspection Fee (W)	1,535		
14108 · Inquiry Fee	3,288		
14110 · Wholesale Revenues - (WSW)	0		
14111 · Minimum Bill Revenues (WSW)	0		
14112 · Volumetric Revenues (WSW)	0		
14120 · Other Revenues (W)	0		
14121 · LUE Reservation Fees System-wide offset	0		
LUE Reservation Fees - Retail Off-Set	235,221		
LUE Reservation Fees - System-Wide Off-Set	83,088		
14122 · Irrigation Customer Sales (W)	0		
14123 · Meter Set Fee (W)	120,074		
14124 · Connection Fees	28,703		
14125 · Billing Services (W)	0		
14126 · Drainage Fees	30		
(2) Wastewater Department - Rev	0		
14200 · Retail & Wholesale Revenues (WW)	0		
14201 · Minimum Bill/Volumetric Rev (WW - Retail	0		
Wholesale Minimum Bill	0		
Wholesale Volumetric Rate	0		
Application Fees	0		
14204 · Tap Fee (WW)	0		
SER Fees	38,732		
Late Fees	0		
Returned Check Fees	0		
Inspection Fees	727		
14220 · Other Revenues (WW)	0		
14221 · Grinder Pump Surcharge (WW)	0		
14222 · Billing Services (WW)	0		
(3) Shared Department - Revenue	0		
14300 · Shared Department	0		
14304 · Interest Earned on Checking	0		
Total Income	1,367,042		
TOTAL REVENUE REQUIREMENT	\$ 12,468,664		

West Travis county Public Utility Agency
FYE2014 Rate Study

Schedule 4
Water Revenue Requirements

			2014	Inflation	Notes
			TRUE		

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West Travis county Public Utility Agency
FYE2014 Rate StudySchedule 5
Wastewater Revenue Requirement

	2014	Inflation	Notes
Expense			
(1) Water Department - Expense			
16100 • LCRA Raw Water Reservation Fees	71,348	3%	Related to irrigation/effluent customers.
16101 • LCRA - Raw Water Used (W)	0	3%	
16102 • LCRA - Raw Water Reservation(W)	0	3%	
16110 • Contract Operations - Water	0	3%	
16111 • Base Fee for Services (W)	0	3%	
16112 • Maintenance & Repairs (W)	0	3%	
System Wide	0	3%	
Distribution System	0	3%	
Preventative Maintenance - Plant	0	3%	
Preventative Maintenance - Distribution System	0	3%	
16113 • Customer Service (W)	0	3%	
16114 • Engineering/ Const Fees (W)	0	3%	
16120 • Material & Supplies (W)	0	3%	
16130 • Chemicals (W)	0	3%	
Sludge Removal	0	3%	
16150 • Outside Services (W)	0	3%	
16160 • Utilities - Electric (W)	0	3%	
16170 • Utilities - Telephone (W)	0	3%	
16180 • Environmental Regulatory Fee(W)	0	3%	
16190 • Other Expenses (W)	0	3%	
(2) Wastewater Department - Exp	0	3%	
16200 • Contract Operations-Wastewater	0	3%	
16201 • Base Fee for Services (WW)	244,951	4%	Added annualized cost for additional operator for Bohl's Plant.
16202 • Maintenance & Repairs (WW)	0	3%	
Lakepoint WWTP Maintenance	271,122	4%	
Bohl's WWTP Maintenance	17,200	4%	
Lift Station #14 Maintenance	89,821	4%	
Other Lift Station Maintenance	111,452	4%	
Collection System Maintenance	4,179	4%	
Preventative Maintenance - Plant	25,000	4%	
Preventative Maintenance - Collection System	15,000	4%	
I&I Study and Maintenance	100,000	4%	
Industrial Pre Treatment Program	40,000	4%	
16203 • Customer Services (WW)	38,160	4%	inflation compounded by 5% growth
16210 • Materials & Supplies (WW)	0	3%	

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Schedule 5
Wastewater Revenue Requirement

	2014	Inflation	Notes
16214 • Engineering/ Const Fees (W)	26,500	3%	
Bohl's Irrigation	4,500	3%	
16220 • Chemicals (WW)	156,746	4% inflation compounded by 5% growth	
16230 • Sludge Disposal (WW)	365,056	4% inflation compounded by 5% growth	
16240 • Utilities - Electric (WW)	0	4% inflation compounded by 5% growth	
Lakepointe WWTP	127,264	4%	
Lift Station #14	15,467	4%	
Remaining WW Electric	32,175	4%	
16250 • Utilities - Telephone (WW)	5,861	3%	
16260 • Environmental Regulatory Fe(WW)	0	3%	
16270 • Other Expense (WW)	3,837	3%	
16280 • Utilities - Gas (WW)	627	3%	
16330 • Special Programs	0	3%	
(3) Shared Department - Expense	0	3%	
16300 • Professional Services	0	3%	
General Operating	0	3%	
16311 • General Counsel - Operating	110,154	3%	
16312 • Engineering - Operating	113,951	3% with District engineer.	Removed Curtis Wilson and replaced
16313 • General Manager - Operating	0		
16314 • Bookkeeping - Operating	19,854	3%	
16315 • Financial Manager - Operating	26,269	3%	
16316 • Auditor - Operating	9,914	3%	
16317 • General Counsel-Litigation	0	3%	
Special Contract Services	0	3%	
16322 • Rate Study - Special Contract	11,015	3%	
16323 • Inspections/Plan Review-Special	0	3%	
16323 • Inspections/Plan Review-Special - Other	0	3%	
16324 • Other Engineering Analyses-Spec	2,203	3%	
Transitional Support Services	0	3%	
16301 • General Counsel - Transitional	0	3%	
16302 • Engineering - Transitional	0	3%	
630201 • Task 22 - SER Activities	0	3%	
16302 • Engineering - Transitional - Other	0	3%	
16303 • General Manager - Transitional	0	3%	
16304 • Bookkeeping - Transitional	0	3%	
16305 • Financial Manager -Transitional	0	3%	
16306 • Misc - Transitional	0	3%	

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Schedule 5
Wastewater Revenue Requirement

	2014	Inflation	Notes
16307 · Auditor	0	3%	
16331 · Inventory Purchases Not Funded	0	3%	
16332 · Leak Detection Program	0	3%	
16333 · SCADA Control System Maintenance	0	3%	
16335 · Tools & Shop Supplies	0	3%	
16336 · Computer Maintenance & Repair	7,402	3%	
16338 · Janitor/Contract Labor	0	3%	
16339 · Office Data & Supplies	6,609	3%	
16340 · Membership & Dues	3,855	3%	
16341 · Utilities - Office & Outside Fa	578	3%	
16342 · Conservation Education & Enforc	0	3%	
16343 · Insurance - General	32,917	3%	
16344 · Bank Charges	162	3%	
16345 · Misc. Operating Expense	1,025	3%	
16347 · Lease Expense	14,850	10%	
16410 · Salaries	113,304	3%	
16420 · FICA and Benefits	38,790	3%	
16560 · Miscellaneous Expense	22,535	3%	
17110 · Capital Outlay	0	3%	
Total O&M Expense	2,301,654		
Annual Debt Service			
Wholesale Customer Debt Service and Times Coverage - Water	0		
Wholesale Customer Debt Service and Times Coverage - Wastewater	0		
Effluent Debt Service and Times Coverage	36,488		
Retail Customer Debt Service and Times Coverage - Water	0		
Retail Customer Debt Service and Times Coverage - Wastewater	953,291		
	989,779		
TOTAL ANNUAL EXPENSE	3,291,433		
Income			
(1) Water Department - Revenue			
14100 · Retail Revenues - Water			
14101 · Minimum Bill Revenues (W)	0		
14102 · Volumetric Revenues (W)	0		
14103 · Application Fee (W)	20,160		
14104 · Tap Fees (W)	0		
14105 · Late Fee (W)	53,300		
14106 · Return Check Fee (W)	462		
14107 · Inspection Fee (W)	365		

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Schedule 5
Wastewater Revenue Requirement

	2014	Inflation	Notes
14108 - Inquiry Fee	782		
14110 - Wholesale Revenues - (WSW)	0		
14111 - Minimum Bill Revenues (WSW)	0		
14112 - Volumetric Revenues (WSW)	0		
14120 - Other Revenues (W)	0		
14121 - LUE Reservation Fees System-wide offset	0		
LUE Reservation Fees - Retail Off-Set	0		
LUE Reservation Fees - System Wide Off-Set	0		
14122 - Irrigation Customer Sales (W)	0		
14123 - Meter Set Fee (W)	0		
14124 - Connection Fees	0		
14125 - Billing Services (W)	7,400		
14126 - Drainage Fees	0		
(2) Wastewater Department - Rev	0		
14200 - Retail & Wholesale Revenues (WW)	0		
14201 - Minimum Bill/Volumetric Rev (WW)	0		
Wholesale Minimum Bill	0		
Wholesale Volumetric Rate	0		
Application Fees	0		
14204 - Tap Fee (WW)	175,450		
SER Fees	11,268		
Late Fees	0		
Returned Check Fee	0		
Inspection Fee	173		
14220 - Other Revenues (WW)	0		
14221 - Grinder Pump Surcharge (WW)	15,475		
14222 - Billing Services (WW)	12,300		
(3) Shared Department - Revenue	0		
14300 - Shared Department	0		
14304 - Interest Earned on Checking	0		
Total Income	297,135		
TOTAL REVENUE REQUIREMENT	\$ 2,994,298		
	TRUE		

West Travis County Public Utility Agency
Cost of Service and Rate Design Study

Schedule 6
Monthly Operating Report - 2012

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Total	106.200	95.500	113.283	185.529	191.590	268.019	229.063	295.421	236.618	204.630	172.642	152.124	2250.619
Avg	3.425	3.283	3.654	6.184	6.180	8.934	7.389	9.530	7.887	6.601	5.755	4.907	6.166
Max	3.900	4.000	4.774	11.980	8.622	12.781	10.666	13.421	11.392	9.493	7.593	6.362	13.421

Average Day	6.17
Max Day	13.42
Extra-Capacity	7.25
Peak-to-Average Ratio	2.18
Base %	45.94%
Extra Capacity %	54.06%
Total %	100.00%

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West Travis county Public Utility Agency
FYE2014 Rate Study

Schedule 7

Water System-Wide and Retail Only Costs - 2014

Expense	2014	% System- Wide	% Retail Only	System -Wide Costs	Retail Only Costs	Notes
(1) Water Department - Expense						
16100 • LCRA Raw Water Reservation Fees						
16101 • LCRA - Raw Water Used (W)	804,594		100%	0	804,594	Considered as "Retail-Only" - raw water cost for wholesale customers to be calculated later in analysis.
16102 • LCRA - Raw Water Reservation(W)	492,776		100%	0	492,776	Considered as "Retail-Only" - raw water cost for wholesale customers to be calculated later in analysis.
16110 • Contract Operations - Water	859,805	100%		859,805	0	
16111 • Base Fee for Services (W)	0			0	0	
16112 • Maintenance & Repairs (W)	481,470	100%		481,470	0	
System Wide	591,401		100%	0	591,401	
Distribution System	40,000	100%		40,000	0	
Preventative Maintenance - Plant	30,000		100%	0	30,000	
Preventative Maintenance - Distribution System	358,527		100%	0	358,527	
16113 • Customer Service (W)	34,000	100%		34,000	0	
16114 • Engineering/ Const Fees (W)	0	100%		0	0	
16120 • Material & Supplies (W)	281,956	100%		281,956	0	
16130 • Chemicals (W)	333,444	100%		333,444	0	
Sludge Removal	0	100%		0	0	
16150 • Outside Services (W)	1,286,437	100%		1,286,437	0	
16160 • Utilities - Electric (W)	18,204	100%		18,204	0	
16170 • Utilities - Telephone (W)	0	100%		0	0	
16180 • Environmental Regulatory Fee(W)	250,000	100%		250,000	0	
16190 • Other Expenses (W)	0			0	0	
(2) Wastewater Department - Exp						
16200 • Contract Operations-Wastewater	0			0	0	
16201 • Base Fee for Services (WW)	0			0	0	
16202 • Maintenance & Repairs (WW)	0			0	0	
Lakepoint WWTP Maintenance	0			0	0	
Bohl's WWTP Maintenance	0			0	0	
Lift Station #14 Maintenance	0			0	0	
Other Lift Station Maintenance	0			0	0	
Collection System Maintenance	0			0	0	

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Schedule 7

Water System-Wide and Retail Only Costs - 2014

	2014	% System- Wide	% Retail Only	System -Wide Costs	Retail Only Costs	Notes
Preventative Maintenance - Plant	0			0	0	
Preventative Maintenance - Collection System	0			0	0	
I&I Study and Maintenance	0			0	0	
Industrial Pre Treatment Program	0			0	0	
16203 · Customer Services (WW)	0			0	0	
16210 · Materials & Supplies (WW)	0			0	0	
16214 · Engineering/ Const Fees (W)	0			0	0	
Bohl's Irrigation	0			0	0	
16220 · Chemicals (WW)	0			0	0	
16230 · Sludge Disposal (WW)	0			0	0	
16240 · Utilities - Electric (WW)	0			0	0	
Lakepointe WWTP	0			0	0	
Lift Station #14	0			0	0	
Remaining WW Electric	0			0	0	
16250 · Utilities - Telephone (WW)	0			0	0	
16260 · Environmental Regulatory Fe(WW)	0			0	0	
16270 · Other Expense (WW)	0			0	0	
16280 · Utilities - Gas (WW)	0			0	0	
16330 · Special Programs	0			0	0	
(3) Shared Department - Expense	0			0	0	Preventative Maintenance
16300 · Professional Services	0			0	0	
General Operating	0			0	0	
16311 · General Counsel - Operating	389,846	67%	33%	262,372	127,474	Composite of direct expenses, excluding commodities
16312 · Engineering - Operating	136,449	67%	33%	91,832	44,617	Composite of direct expenses, excluding commodities
16313 · General Manager - Operating	0			0	0	Composite of direct expenses, excluding commodities
16314 · Bookkeeping - Operating	70,267	67%	33%	47,290	22,976	Composite of direct expenses, excluding commodities
16315 · Financial Manager - Operating	92,968	67%	33%	62,569	30,399	Composite of direct expenses, excluding commodities
16316 · Auditor - Operating	35,086	67%	33%	23,613	11,473	Composite of direct expenses, excluding commodities
16317 · General Counsel-Litigation	0	67%	33%	0	0	Composite of direct expenses, excluding commodities
Special Contract Services	0	67%	33%	0	0	Composite of direct expenses, excluding commodities

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Schedule 7
Water System-Wide and Retail Only Costs - 2014

	2014	% System- Wide	% Retail Only	System -Wide Costs	Retail Only Costs	Notes
16322 · Rate Study - Special Contract	38,985	67%	33%	26,237	12,747	Composite of direct expenses, excluding commodities
16323 · Inspections/Plan Review-Special	0	67%	33%	0	0	Composite of direct expenses, excluding commodities
16323 · Inspections/Plan Review-Special - Other	0	67%	33%	0	0	Composite of direct expenses, excluding commodities
16324 · Other Engineering Analyses-Spec	7,797	67%	33%	5,247	2,549	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	100,000		100%	0	100,000	
16332 · Leak Detection Program	75,000	50%	50%	37,500	37,500	
16333 · SCADA Control System Maintenance	100,000	100%		100,000	0	
16335 · Tools & Shop Supplies	0	67%	33%	0	0	Composite of direct expenses, excluding commodities
16336 · Computer Maintenance & Repair	26,198	67%	33%	17,631	8,566	Composite of direct expenses, excluding commodities
16338 · Janitor/Contract Labor	2,100	67%	33%	1,413	687	Composite of direct expenses, excluding commodities

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Schedule 7
Water System-Wide and Retail Only Costs - 2014

	2014	% System-Wide	% Retail Only	System-Wide Costs	Retail Only Costs	Notes
16339 · Office Data & Supplies	23,391	67%	33%	15,742	7,648	Composite of direct expenses, excluding commodities
16340 · Membership & Dues	13,645	67%	33%	9,183	4,462	Composite of direct expenses, excluding commodities
16341 · Utilities - Office & Outside Facilities	2,046	67%	33%	1,377	669	Composite of direct expenses, excluding commodities
16342 · Conservation Education & Enforcement	130,000	100%	100%	0	130,000	Based on facilities original cost.
16343 · Insurance - General	97,773	70%	30%	68,704	29,068	Composite of direct expenses, excluding commodities
16344 · Bank Charges	575	67%	33%	387	188	Composite of direct expenses, excluding commodities
16345 · Misc. Operating Expense	3,628	67%	33%	2,442	1,186	Composite of direct expenses, excluding commodities
16347 · Lease Expense	52,556	67%	33%	35,371	17,185	Composite of direct expenses, excluding commodities
16410 · Salaries	389,480	67%	33%	262,126	127,355	Composite of direct expenses, excluding commodities
16420 · FICA and Benefits	133,340	67%	33%	89,739	43,600	Composite of direct expenses, excluding commodities
16560 · Miscellaneous Expense	77,465	67%	33%	52,135	25,330	Composite of direct expenses, excluding commodities
17110 · Capital Outlay	0	100%	100%	0	0	
Total O&M Expense	7,861,206			4,798,227	3,062,979	
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	5,974,500	100%	100%	0	5,974,500	
Retail Customer Debt Service and Times Coverage - Wastewater	0	100%	100%	0	0	
	5,974,500			0	5,974,500	
TOTAL ANNUAL EXPENSE	13,835,706			4,798,227	9,037,479	
Income						
(1) Water Department - Revenue						
14100 · Retail Revenues - Water	0			0	0	
14101 · Minimum Bill Revenues (W)						

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Schedule 7

Water System-Wide and Retail Only Costs - 2014

	2014	% System-Wide	% Retail Only	System-Wide Costs	Retail Only Costs	Notes
14102 - Volumetric Revenues (W)	0			0	0	
14103 - Application Fee (W)	72,040		100%	0	72,040	Customer Count
14104 - Tap Fees (W)	557,615		100%	0	557,615	
14105 - Late Fee (W)	224,048		100%	0	224,048	Expense Composite
14106 - Return Check Fee (W)	1,941		100%	0	1,941	Expense Composite
14107 - Inspection Fee (W)	1,535		100%	0	1,535	Expense Composite
14108 - Inquiry Fee	3,288		100%	0	3,288	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 System-wide offset	0			0	0	
LUE Reservation Fees - Retail Off-Set	235,221		100%	0	235,221	
LUE Reservation Fees - System Wide off-Set	83,088	100%		83,088	0	
14122 - Irrigation Customer Sales (W)	0			0	0	
14123 - Meter Set Fee (W)	120,074		100%	0	120,074	Customer Count
14124 - Connection Fees	28,703		100%	0	28,703	Customer Count
14125 - Billing Services (W)	0		100%	0	0	Customer Count
14126 - Drainage Fees	30	100%		30	0	
(2) Wastewater Department - Rev	0			0	0	
14200 - Retail & Wholesale Revenues (WW)	0			0	0	
14201 - Minimum Bill/Volumetric Rev (WW - Retail	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)	0		100%	0	0	
SER Fees	38,732		100%	0	38,732	Allocated on Same Basis as Salaries
Late Fees	0	67%	33%	26,067	12,665	
Returned Check Fees	0		100%	0	0	Customer Count
Inspection Fees	0		100%	0	0	Customer Count
14220 - Other Revenues (WW)	727		100%	0	727	Customer Count
14221 - Grinder Pump Surcharge (WW)	0	100%		0	0	
14222 - Billing Services (WW)	0		100%	0	0	Customer Count
(3) Shared Department - Revenue	0			0	0	
14300 - Shared Department	0			0	0	
14304 - Interest Earned on Checking	0	100%		0	0	
Total Income	1,367,042	35%	65%	109,185	1,257,857	Expense Composite

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Schedule 7
Water System-Wide and Retail Only Costs - 2014

	2014	% System-Wide	% Retail Only	System-Wide Costs	Retail Only Costs	Notes
TOTAL REVENUE REQUIREMENT	\$ 12,468,664			\$ 4,689,041	\$ 7,779,622	
	TRUE			TRUE		
Direct Expenses	5,862,614			3,585,315	2,277,299	
Less Commodities	(2,865,763)			(1,568,392)	(1,297,371)	
	<u>2,996,850</u>			<u>2,016,922</u>	<u>979,928</u>	
				67%	33%	
Total Expense Composite				35%	65%	
System-Wide Water Assets	90,368,942			70%	30%	
Retail-Only Water Assets	<u>38,234,117</u>					
	<u>128,603,059</u>					

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Exhibit D

West Travis county Public Utility Agency
FYE2014 Rate Study

Schedule 8

System-Wide cost Functionalization - Composite

Expense	2014	% Base	% Extra	% Cust	Base Costs	Extra Costs	Customer Costs	Notes
(1) Water Department - Expense								
16100 • LCRA Raw Water Reservation Fees								
16101 • LCRA - Raw Water Used (W)	0				0	0	0	
16102 • LCRA - Raw Water Reservation(W)	0				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	46%	54%		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				0	0	0	
16170 • Utilities - Telephone (W)	18,204				0	0	0	
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 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	
Lakepoint WWTP	0				0	0	0	
Lift Station #14	0				0	0	0	
Remaning 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				0	0	0	
16312 • Engineering - Operating	91,832				0	0	0	