

Thank you

From: George Burriss <watermgmt@yahoo.com>
Sent: Tuesday, February 4, 2020 10:39 PM
To: James C. Smith, III <James.Smith@trwa.org>
Subject: Windermere Oaks Rate Study

James,

As we discussed this afternoon, the BOD has asked if you would run three studies based on the 2019 test year data with three hypothetical numbers for legal expenses. All the other numbers would be the actual expenses incurred during 2019, but the three hypothetical numbers for legal expenses are: \$30,000, \$48,000, and \$72,000.

We greatly appreciate all the assistance you have provided us. We all are aware we could not do this without your expertise.

Best Regards,

George

4 attachments



Windermere Oaks WSC 2019 A.xls
68K



Windermere Oaks WSC 2019 B.xls
68K



Windermere Oaks WSC 2019 C.xls
68K



Windermere Oaks WSC 2019 D.xls
68K

Joe Gimenez <1129jgg@gmail.com>
To: Rich Schaefer <richard.t.schaefer@gmail.com>

Sat, Feb 8, 2020 at 10:15 AM

Good morning Rich
George asked me to send these to you. I look forward to hearing your insights
Jg

[Quoted text hidden]

4 attachments



Windermere Oaks WSC 2019 A.xls
68K



Windermere Oaks WSC 2019 B.xls
68K

Windermere Oaks WSC 2019 C.xls

 68K

 **Windermere Oaks WSC 2019 D.xls**
68K

Richard Schaefer <schaefer@rts-services.com>
To: Joe Gimenez <1129jgg@gmail.com>

Sat, Feb 8, 2020 at 11:33 AM

I was hoping to get one for \$250K in legal fees ... which is what we have budgeted for this year ... and if use this will set the basis for nexts years rate.

[Quoted text hidden]

Joe Gimenez <1129jgg@gmail.com>
To: James.Smith@trwa.org

Sun, Feb 9, 2020 at 11:10 AM

Cc: Rich Schaefer <richard.t.schaefer@gmail.com>, George Burris <watermgmt@yahoo.com>

James,
Thank you for providing these rate calculations.

Could you please run one more calculation, based on \$250k in legal fees, which is what we expect to pay this year?
thank you.

jg

[Quoted text hidden]

James C. Smith, III <James.Smith@trwa.org>
To: Joe Gimenez <1129jgg@gmail.com>

Thu, Feb 13, 2020 at 8:00 AM

Mr. Gimenez

Here is the new rate calculation it will be letter E,

Sorry for the delay.

[Quoted text hidden]

 **Windermere Oaks WSC 2019 E.xls**
68K

Joe Gimenez <1129jgg@gmail.com>
To: Rich Schaefer <richard.t.schaefer@gmail.com>

Mon, Mar 9, 2020 at 12:37 PM

Rich,
Here is one more calculation of the impact of legal fees on rates.
I'm preparing a chart, which I will share with you soon.

[Quoted text hidden]

 **Windermere Oaks WSC 2019 E.xls**
68K

WATER REVENUE REQUIREMENT & RATE DESIGN

UTILITY:

REVENUE REQUIREMENT

BUDGET/COST OF SERVICE ITEM	Item Cost	%	Fixed	%	Variable
SALARIES	0	78	0	22	0
CONTRACT LABOR	117,865	75	88,399	25	29,466
CHEMICALS AND TREATMENT	12,035	60	7,221	40	4,814
UTILITIES	20,922	70	14,645	30	6,277
REPAIRS AND MAINTENANCE	71,060	50	35,530	50	35,530
OFFICE EXPENSES BILLING	15,679	45	7,056	55	8,623
ACCOUNTING & LEGAL	0	50	0	50	0
HEALTH INSURANCE	0	50	0	50	0
OFFICE SUPPLIES	4,707	45	2,118	55	2,589
TANK REPAIRS	0	50	0	50	0
BAD DEBT	0	50	0	50	0
PAYROLL TAXES	0	50	0	50	0
TELEPHONE	6,549	40	2,620	60	3,929
TRUCK & EQUIP. EXPENSE	0	50	0	50	0
TRAVEL & ENTERTAINMENT	1,130	50	565	50	565
EQUIPMENT RENTAL	250	50	125	50	125
INSURANCE - WC & LIABILITY	14,160	70	9,912	30	4,248
LICENSE & DUES	178	50	89	50	89
POSTAGE & FREIGHT	2,710	50	1,355	50	1,355
ADVERTISING	0	30	0	70	0
SAMPLING	8,459	50	4,230	50	4,230
EDUCATION	0	50	0	50	0
DEPRECIATION	56,273	60	33,764	40	22,509
MATERIALS & SUPPLIES	6,730	50	3,365	50	3,365
SECURITY	0	50	0	50	0
MISCELLANEOUS	1,250	50	625	50	625
LONG TERM DEBT	49,882	100	49,882	0	0
PURCHASED WATER	8,490	45	3,821	55	4,670
SLUG REMOVAL	2,363	50	1,182	50	1,182
BOOKKEEPING	4,163	50	2,082	50	2,082
	0	50	0	50	0
	0	50	0	50	0
SUB-TOTAL (LESS FIT & RETURN)	404,855		268,583	100	136,272
% OF TOTAL (FIXED + VARIABLE)		63		37	
PRINC. & INTEREST - WATER	0		0.00		0.00
MAINTENANCE RESERVE*	0		0.00		0.00
LESS OTHER REVENUE	\$0		0.00		0.00
TOTAL	\$404,855		\$268,583		\$136,272

RATE CALCULATION

GALLONAGE CHARGE

Variable Cost/Test Year Gallons/1,000 =====>

10.48 /TH.GAL.

USE ->

PROPOSED RATE

\$3.55 /TH.GAL.

MINIMUM BILL

Fixed Cost/12/Customer Equivalents =====>

88.47 /MO.

YIELDS ->

\$118.15 /MO.

88.47 /MO. incl. min. gallons

118.15 /MO.

inc. min. gall

Avg. Test-Yr Customer Equivalents =

253

Gallons Included In Minimum Bill =

0

Test Year Gallons Billed (x 1,000) =

13,000

REVENUES GENERATED:

Connection Size	# of Connections	Minimum Bill Min. Bill	Including Gals	Rev./Month	Rev./Year
5/8", 3/4"	253	\$118.15	\$118.15	\$29,892	\$358,705
3/4"	0	\$177.23	\$177.23	\$0	\$0
1"	0	\$295.38	\$295.38	\$0	\$0
1-1/2"	0	\$590.75	\$590.75	\$0	\$0
2"	0	\$945.20	\$945.20	\$0	\$0
2-1/2"	0	\$945.20	\$945.20	\$0	\$0
3"	0	\$1,181.51	\$1,181.51	\$0	\$0
4"	0	\$2,953.76	\$2,953.76	\$0	\$0
6"	0	\$5,907.53	\$5,907.53	\$0	\$0

GALLONAGE CHARGES=> TOTAL MINIMUM CHARGES=> \$358,705
 13,000 @ \$3.55 /1,000 GAL 46,150
 TOTAL REVENUE GENERATED=> \$404,855

Printed on:

time:

NOTES:

UTILITY:

Date Referenced: 1-Jan-97

**DEPRECIATION
ANALYSIS**

Description	Acquired Date	Ver./Est. Original Cost	Economic Life, yrs	Actual Deprec. Life	Annual Deprec.	Accum. Deprec.	Net Plant
Land	1-Jun-79	0	n/a	n/a	n/a	n/a	0.00
Structures:							
Masonry	1-Jun-79	0	30	17.6	0.00	0.00	
Wood	1-Jan-01	0	15	-4.0	0.00	0.00	
Well	1-Jun-79	0	30	17.6	0.00	0.00	
Pumps:							
Booster, >=7HP	1-Jan-01	0	10	-4.0	0.00	0.00	
Booster, <7HP	1-Jun-79	0	5	17.6	--	0.00	
Motor	1-May-94	0	3	2.7	0.00	0.00	
Well, <5t	1-Jan-01	0	5	-4.0	0.00	0.00	
Well, >5t	1-Jun-96	0	10	0.6	0.00	0.00	
Hypochlorinator	1-Aug-94	0	5	2.4	0.00	0.00	
Gas Chlorinator	1-Jan-01	0	10	-4.0	0.00	0.00	
Tanks:							
Pressure	1-Jun-79	0	50	17.6	0.00	0.00	
Ground :	1-Jun-79	0	50	17.6	0.00	0.00	
Distrib. System	1-Jun-79	0	50	17.6	0.00	0.00	
Distrib. System	1-Jun-93	0	50	3.6	0.00	0.00	
Services	1-Jun-79	0	20	17.6	0.00	0.00	
Services	1-Jun-93	0	20	3.6	0.00	0.00	
Meters	1-Jun-79	0	20	17.6	0.00	0.00	
Meters	1-Jun-93	0	20	3.6	0.00	0.00	
Compressor	1-Jan-01	0	10	-4.0	0.00	0.00	
Electrical Controls	1-May-94	0	30	2.7	0.00	0.00	
Furniture/Fixtures	1-Jan-81	0	10	16.0	--	0.00	
Heavy Equipment	15-Feb-89	0	10	7.9	0.00	0.00	
Light Vehicles	15-Sep-87	0	5	9.3	--	0.00	
Shop Tools	1-Jan-81	0	15	16.0	--	0.00	
Computer/Software	1-Feb-95	0	5	1.9	0.00	0.00	
Fencing	1-Jun-79	0	30	17.6	0.00	0.00	
Total:		\$0			\$0	\$0	\$0

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1999 WATER REVENUE REQUIREMENT & RATE DESIGN

Item Cost	%	Fixed	%	Variable
232,878	50	116,439	50	116,439
3,672	50	1,836	50	1,836
4,196	100	4,196	0	0
15,735	0	0	100	15,735
47,205	0	0	100	47,205
20,980	0	0	100	20,980
14,000	100	14,000	0	0
15,000	100	15,000	0	0
31,470	100	31,470	0	0
15,735	100	15,735	0	0
5,245	50	2,623	50	2,623
17,932	50	8,966	50	8,966
500	100	500	0	0
15,735	50	7,868	50	7,868
15,735	50	7,868	50	7,868
10,490	50	5,245	50	5,245
2,000	100	2,000	0	0
12,588	50	6,294	50	6,294
5,000	50	2,500	50	2,500
6000	100	6,000	0	0
7500	100	7,500	0	0
27274	100	27,274	0	0
2000	100	2,000	0	0
7987.5	100	7,988	0	0
3147	100	3,147	0	0
2098	100	2,098	0	0
5245	0	0	100	5,245
1049	100	1,049	0	0
2000	100	2,000	0	0
1995.63	0	0	100	1,996
552,271		301,474		250,798
	0.58		0.42	
532283		310498.42		221784.58
55,227				
-75,000		-43750.00		-18229.17
-75,368	1	-75368.39		
\$989,413		\$492,854		\$454,353

=====>

3.02 /TH.GAL.

USE ->

PROPOSED RATE
\$4.25 /TH.GAL.

0.7503121

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Ψ
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=====>

16.40 /MO.
22.45 /MO. incl. min. gallons

YIELDS ->

\$11.68 /MO.
20.18 /MO. incl. min. gallons

1999 WATER REVENUE CONT.

2504
2,000
NE
150,239

# of Connections	Minimum Bill			Rev./Year
	Min. Bill	Including Gr	Rev./Month	
2432	\$11.68	\$20.18	\$49,073	\$598,871
0	\$ 19.50	\$ 28.00	\$0	\$0
0	\$ 38.89	\$ 47.39	\$0	\$0
1	\$ 62.24	\$ 70.74	\$71	\$849
0	\$ 93.42	\$ 101.92	\$0	\$0
0	\$ 116.78	\$ 125.28	\$0	\$0
0	\$ 194.67	\$ 203.17	\$0	\$0
2	\$ 389.22	\$ 397.72	\$795	\$9,545
TOTAL MINIMUM CHARGES=>				\$599,266
91,799 @				\$4.25 /1,000 GAL

\$989,413

INSERT DATA:

NO OF 5/8" CUST.=	2432	5/8", 3/4"	EQUIV.	2432
NO OF 1" CUST.=	0	1"	EQUIV.	0
NO OF 1-1/2" CUST.=	0	1-1/2"	EQUIV.	0
NO OF 2" CUST.=	1	2"	EQUIV.	5.33
NO OF 2-1/2" CUST.=	0	2-1/2"	EQUIV.	0
NO OF 3" CUST.=	0	3"	EQUIV.	0
NO OF 4" CUST.=	0	4"	EQUIV.	0
NO OF 6" CUST.=	2	6"	EQUIV.	66.66
	2435			2503.99

2494.8

2435.4

ANCE RESERVE INSTEAD

i =2376 AND ENDING CONNECTIONS = 2495, WHICH IS 5% GROWTH RATE

NET REVENUE GREATER THAN OR = 1.1 DEBT SERVICE?:

\$587,510.12
\$585,511.30

WATER REVENUE REQUIREMENT & RATE DESIGN

UTILITY:

REVENUE REQUIREMENT

BUDGET/COST OF SERVICE ITEM	Item Cost	%	Fixed	%	Variable
SALARIES	0	78	0	22	0
CONTRACT LABOR	117,865	75	88,399	25	29,466
CHEMICALS AND TREATMENT	12,035	60	7,221	40	4,814
UTILITIES	20,922	70	14,645	30	6,277
REPAIRS AND MAINTENANCE	71,060	50	35,530	50	35,530
OFFICE EXPENSES BILLING	15,679	45	7,056	55	8,623
ACCOUNTING & LEGAL	30,000	50	15,000	50	15,000
HEALTH INSURANCE	0	50	0	50	0
OFFICE SUPPLIES	4,707	45	2,118	55	2,589
TANK REPAIRS	0	50	0	50	0
BAD DEBT	0	50	0	50	0
PAYROLL TAXES	0	50	0	50	0
TELEPHONE	6,549	40	2,620	60	3,929
TRUCK & EQUIP. EXPENSE	0	50	0	50	0
TRAVEL & ENTERTAINMENT	1,130	50	565	50	565
EQUIPMENT RENTAL	250	50	125	50	125
INSURANCE - WC & LIABILITY	14,160	70	9,912	30	4,248
LICENSE & DUES	178	50	89	50	89
POSTAGE & FREIGHT	2,710	50	1,355	50	1,355
ADVERTISING	0	30	0	70	0
SAMPLING	8,459	50	4,230	50	4,230
EDUCATION	0	50	0	50	0
DEPRECIATION	56,273	60	33,764	40	22,509
MATERIALS & SUPPLIES	6,730	50	3,365	50	3,365
SECURITY	0	50	0	50	0
MISCELLANEOUS	1,250	50	625	50	625
LONG TERM DEBT	49,882	100	49,882	0	0
PURCHASED WATER	8,490	45	3,821	55	4,670
SLUG REMOVAL	2,363	50	1,182	50	1,182
BOOKKEEPING	4,163	50	2,082	50	2,082
	0	50	0	50	0
	0	50	0	50	0
SUB-TOTAL (LESS FIT & RETURN)	434,855		283,583	100	151,272
% OF TOTAL (FIXED + VARIABLE)		63		37	
PRINC. & INTEREST - WATER	0		0.00		0.00
MAINTENANCE RESERVE*	0		0.00		0.00
LESS OTHER REVENUE	\$0		0.00		0.00
TOTAL	\$434,855		\$283,583		\$151,272

RATE CALCULATION

GALLONAGE CHARGE

Variable Cost/Test Year Gallons/1,000 =====>

11.64 /TH.GAL.

USE ->

PROPOSED RATE

\$3.55 /TH.GAL.

MINIMUM BILL

Fixed Cost/12/Customer Equivalents =====>

93.41 /MO.

YIELDS ->

\$128.03 /MO.

93.41 /MO. incl. min. gallons

128.03 /MO.

inc. min. gall

Avg. Test-Yr Customer Equivalents =

253

Gallons Included In Minimum Bill =

0

Test Year Gallons Billed (x 1,000) =

13,000

REVENUES GENERATED:

Connection Size	# of Connections	Minimum Bill Min. Bill	Including Gals	Rev./Month	Rev./Year
5/8", 3/4"	253	\$128.03	\$128.03	\$32,392	\$388,705
3/4"	0	\$192.05	\$192.05	\$0	\$0
1"	0	\$320.08	\$320.08	\$0	\$0
1-1/2"	0	\$640.16	\$640.16	\$0	\$0
2"	0	\$1,024.26	\$1,024.26	\$0	\$0
2-1/2"	0	\$1,024.26	\$1,024.26	\$0	\$0
3"	0	\$1,280.32	\$1,280.32	\$0	\$0
4"	0	\$3,200.80	\$3,200.80	\$0	\$0
6"	0	\$6,401.60	\$6,401.60	\$0	\$0

GALLONAGE CHARGES=> TOTAL MINIMUM CHARGES=> \$388,705
 13,000 @ \$3.55 /1,000 GAL 46,150
 TOTAL REVENUE GENERATED=> \$434,855

Printed on:

time:

NOTES:

UTILITY:

Date Referenced: 1-Jan-97

**DEPRECIATION
ANALYSIS**

Description	Acquired Date	Ver./Est. Original Cost	Economic Life, yrs	Actual Deprec. Life	Annual Deprec.	Accum. Deprec.	Net Plant
Land	1-Jun-79	0	n/a	n/a	n/a	n/a	0.00
Structures:							
Masonry	1-Jun-79	0	30	17.6	0.00	0.00	
Wood	1-Jan-01	0	15	-4.0	0.00	0.00	
Well	1-Jun-79	0	30	17.6	0.00	0.00	
Pumps:							
Booster, >=7HP	1-Jan-01	0	10	-4.0	0.00	0.00	
Booster, <7HP	1-Jun-79	0	5	17.6	--	0.00	
Motor	1-May-94	0	3	2.7	0.00	0.00	
Well, <5t	1-Jan-01	0	5	-4.0	0.00	0.00	
Well, >5t	1-Jun-96	0	10	0.6	0.00	0.00	
Hypochlorinator	1-Aug-94	0	5	2.4	0.00	0.00	
Gas Chlorinator	1-Jan-01	0	10	-4.0	0.00	0.00	
Tanks:							
Pressure	1-Jun-79	0	50	17.6	0.00	0.00	
Ground :	1-Jun-79	0	50	17.6	0.00	0.00	
Distrib. System	1-Jun-79	0	50	17.6	0.00	0.00	
Distrib. System	1-Jun-93	0	50	3.6	0.00	0.00	
Services	1-Jun-79	0	20	17.6	0.00	0.00	
Services	1-Jun-93	0	20	3.6	0.00	0.00	
Meters	1-Jun-79	0	20	17.6	0.00	0.00	
Meters	1-Jun-93	0	20	3.6	0.00	0.00	
Compressor	1-Jan-01	0	10	-4.0	0.00	0.00	
Electrical Controls	1-May-94	0	30	2.7	0.00	0.00	
Furniture/Fixtures	1-Jan-81	0	10	16.0	--	0.00	
Heavy Equipment	15-Feb-89	0	10	7.9	0.00	0.00	
Light Vehicles	15-Sep-87	0	5	9.3	--	0.00	
Shop Tools	1-Jan-81	0	15	16.0	--	0.00	
Computer/Software	1-Feb-95	0	5	1.9	0.00	0.00	
Fencing	1-Jun-79	0	30	17.6	0.00	0.00	
Total:		\$0			\$0	\$0	\$0

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1999 WATER REVENUE REQUIREMENT & RATE DESIGN

Item Cost	%	Fixed	%	Variable
232,878	50	116,439	50	116,439
3,672	50	1,836	50	1,836
4,196	100	4,196	0	0
15,735	0	0	100	15,735
47,205	0	0	100	47,205
20,980	0	0	100	20,980
14,000	100	14,000	0	0
15,000	100	15,000	0	0
31,470	100	31,470	0	0
15,735	100	15,735	0	0
5,245	50	2,623	50	2,623
17,932	50	8,966	50	8,966
500	100	500	0	0
15,735	50	7,868	50	7,868
15,735	50	7,868	50	7,868
10,490	50	5,245	50	5,245
2,000	100	2,000	0	0
12,588	50	6,294	50	6,294
5,000	50	2,500	50	2,500
6000	100	6,000	0	0
7500	100	7,500	0	0
27274	100	27,274	0	0
2000	100	2,000	0	0
7867.5	100	7,868	0	0
3147	100	3,147	0	0
2098	100	2,098	0	0
5245	0	0	100	5,245
1049	100	1,049	0	0
2000	100	2,000	0	0
1995.63	0	0	100	1,996
552,271		301,474		250,798
	0.58		0.42	
532283		310498.42		221784.58
55,227				
-75,000		-43750.00		-18229.17
-75,368	1	-75368.39		
\$989,413		\$492,854		\$454,353

=====>	3.02 /TH.GAL.	USE ->	PROPOSED RATE \$4.25 /TH.GAL.	
				0.7503121
	ψ		ψ	
=====>	16.40 /MO.	YIELDS ->	\$11.68 /MO.	
	22.45 /MO. incl. min. gallons		20.18 /MO. incl. min. gallons	

1999 WATER REVENUE CONT.

2504
2,000
NE
150,239

# of Connections	Minimum Bill			Rev./Year
	Min. Bill	Including Gs	Rev./Month	
2432	\$11.68	\$20.18	\$49,073	\$588,871
0	\$ 19.50	\$ 28.00	\$0	\$0
0	\$ 38.89	\$ 47.39	\$0	\$0
1	\$ 62.24	\$ 70.74	\$71	\$849
0	\$ 93.42	\$101.92	\$0	\$0
0	\$ 116.78	\$125.28	\$0	\$0
0	\$ 194.67	\$203.17	\$0	\$0
2	\$ 389.22	\$ 397.72	\$795	\$9,545
TOTAL MINIMUM CHARGES=>				\$599,266
GALLONAGE CHARGES=>	91,799 @	\$4.25 /1,000 GAL		390,147
				\$989,413

INSERT DATA:

NO OF 5/8" CUST.=	2432	5/8", 3/4"	EQUIV.	2432
NO OF 1" CUST.=	0	1"	EQUIV.	0
NO OF 1-1/2" CUST.=	0	1-1/2"	EQUIV.	0
NO OF 2" CUST.=	1	2"	EQUIV.	5.33
NO OF 2-1/2" CUST.=	0	2-1/2"	EQUIV.	0
NO OF 3" CUST.=	0	3"	EQUIV.	0
NO OF 4" CUST.=	0	4"	EQUIV.	0
NO OF 6" CUST.=	2	6"	EQUIV.	66.66
	2435			2503.99

2494.8

2435.4

ANCE RESERVE INSTEAD

:=2376 AND ENDING CONNECTIONS = 2495, WHICH IS 5% GROWTH RATE

NET REVENUE GREATER THAN OR = 1.1 DEBT SERVICE?:

\$587,510.12

\$585,511.30

WATER REVENUE REQUIREMENT & RATE DESIGN

UTILITY:

REVENUE REQUIREMENT

BUDGET/COST OF SERVICE ITEM	Item Cost	%	Fixed	%	Variable
SALARIES	0	78	0	22	0
CONTRACT LABOR	117,865	75	88,399	25	29,466
CHEMICALS AND TREATMENT	12,035	60	7,221	40	4,814
UTILITIES	20,922	70	14,645	30	6,277
REPAIRS AND MAINTENANCE	71,060	50	35,530	50	35,530
OFFICE EXPENSES BILLING	15,679	45	7,056	55	8,623
ACCOUNTING & LEGAL	48,000	50	24,000	50	24,000
HEALTH INSURANCE	0	50	0	50	0
OFFICE SUPPLIES	4,707	45	2,118	55	2,589
TANK REPAIRS	0	50	0	50	0
BAD DEBT	0	50	0	50	0
PAYROLL TAXES	0	50	0	50	0
TELEPHONE	6,549	40	2,620	60	3,929
TRUCK & EQUIP. EXPENSE	0	50	0	50	0
TRAVEL & ENTERTAINMENT	1,130	50	565	50	565
EQUIPMENT RENTAL	250	50	125	50	125
INSURANCE - WC & LIABILITY	14,160	70	9,912	30	4,248
LICENSE & DUES	178	50	89	50	89
POSTAGE & FREIGHT	2,710	50	1,355	50	1,355
ADVERTISING	0	30	0	70	0
SAMPLING	8,459	50	4,230	50	4,230
EDUCATION	0	50	0	50	0
DEPRECIATION	56,273	60	33,764	40	22,509
MATERIALS & SUPPLIES	6,730	50	3,365	50	3,365
SECURITY	0	50	0	50	0
MISCELLANEOUS	1,250	50	625	50	625
LONG TERM DEBT	49,882	100	49,882	0	0
PURCHASED WATER	8,490	45	3,821	55	4,670
SLUG REMOVAL	2,363	50	1,182	50	1,182
BOOKKEEPING	4,163	50	2,082	50	2,082
	0	50	0	50	0
	0	50	0	50	0
SUB-TOTAL (LESS FIT & RETURN)	452,855		292,583	100	160,272
% OF TOTAL (FIXED + VARIABLE)		63		37	
PRINC. & INTEREST - WATER	0		0.00		0.00
MAINTENANCE RESERVE*	0		0.00		0.00
LESS OTHER REVENUE	\$0		0.00		0.00
TOTAL	\$452,855		\$292,583		\$160,272

RATE CALCULATION

GALLONAGE CHARGE

Variable Cost/Test Year Gallons/1,000 =====>

12.33 /TH.GAL.

USE ->

PROPOSED RATE

\$3.55 /TH.GAL.

MINIMUM BILL

Fixed Cost/12/Customer Equivalents =====>

96.37 /MO.

YIELDS ->

\$133.96 /MO.

96.37 /MO. incl. min. gallons

133.96 /MO.

inc. min. gall

Avg. Test-Yr Customer Equivalents =

253

Gallons Included In Minimum Bill =

0

Test Year Gallons Billed (x 1,000) =

13,000

REVENUES GENERATED:

Connection Size	# of Connections	Minimum Bill Min. Bill	Including Gals	Rev./Month	Rev./Year
5/8", 3/4"	253	\$133.96	\$133.96	\$33,892	\$406,705
3/4"	0	\$200.94	\$200.94	\$0	\$0
1"	0	\$334.90	\$334.90	\$0	\$0
1-1/2"	0	\$669.80	\$669.80	\$0	\$0
2"	0	\$1,071.69	\$1,071.69	\$0	\$0
2-1/2"	0	\$1,071.69	\$1,071.69	\$0	\$0
3"	0	\$1,339.61	\$1,339.61	\$0	\$0
4"	0	\$3,349.02	\$3,349.02	\$0	\$0
6"	0	\$6,698.04	\$6,698.04	\$0	\$0

GALLONAGE CHARGES=> TOTAL MINIMUM CHARGES=> \$406,705
 13,000 @ \$3.55 /1,000 GAL 46,150
 TOTAL REVENUE GENERATED=> \$452,855

Printed on:

time:

NOTES:

UTILITY:

Date Referenced: 1-Jan-97

**DEPRECIATION
ANALYSIS**

Description	Acquired Date	Ver./Est. Original Cost	Economic Life, yrs	Actual Deprec. Life	Annual Deprec.	Accum. Deprec.	Net Plant
Land	1-Jun-79	0	n/a	n/a	n/a	n/a	0.00
Structures:							
Masonry	1-Jun-79	0	30	17.6	0.00	0.00	
Wood	1-Jan-01	0	15	-4.0	0.00	0.00	
Well	1-Jun-79	0	30	17.6	0.00	0.00	
Pumps:							
Booster, >=7HP	1-Jan-01	0	10	-4.0	0.00	0.00	
Booster, <7HP	1-Jun-79	0	5	17.6	--	0.00	
Motor	1-May-94	0	3	2.7	0.00	0.00	
Well, <5t	1-Jan-01	0	5	-4.0	0.00	0.00	
Well, >5t	1-Jun-96	0	10	0.6	0.00	0.00	
Hypochlorinator	1-Aug-94	0	5	2.4	0.00	0.00	
Gas Chlorinator	1-Jan-01	0	10	-4.0	0.00	0.00	
Tanks:							
Pressure	1-Jun-79	0	50	17.6	0.00	0.00	
Ground :	1-Jun-79	0	50	17.6	0.00	0.00	
Distrib. System	1-Jun-79	0	50	17.6	0.00	0.00	
Distrib. System	1-Jun-93	0	50	3.6	0.00	0.00	
Services	1-Jun-79	0	20	17.6	0.00	0.00	
Services	1-Jun-93	0	20	3.6	0.00	0.00	
Meters	1-Jun-79	0	20	17.6	0.00	0.00	
Meters	1-Jun-93	0	20	3.6	0.00	0.00	
Compressor	1-Jan-01	0	10	-4.0	0.00	0.00	
Electrical Controls	1-May-94	0	30	2.7	0.00	0.00	
Furniture/Fixtures	1-Jan-81	0	10	16.0	--	0.00	
Heavy Equipment	15-Feb-89	0	10	7.9	0.00	0.00	
Light Vehicles	15-Sep-87	0	5	9.3	--	0.00	
Shop Tools	1-Jan-81	0	15	16.0	--	0.00	
Computer/Software	1-Feb-95	0	5	1.9	0.00	0.00	
Fencing	1-Jun-79	0	30	17.6	0.00	0.00	
Total:		\$0			\$0	\$0	\$0

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1999 WATER REVENUE REQUIREMENT & RATE DESIGN

Item Cost	%	Fixed	%	Variable
232,878	50	116,439	50	116,439
3,672	50	1,836	50	1,836
4,196	100	4,196	0	0
15,735	0	0	100	15,735
47,205	0	0	100	47,205
20,980	0	0	100	20,980
14,000	100	14,000	0	0
15,000	100	15,000	0	0
31,470	100	31,470	0	0
15,735	100	15,735	0	0
5,245	50	2,623	50	2,623
17,932	50	8,966	50	8,966
500	100	500	0	0
15,735	50	7,868	50	7,868
15,735	50	7,868	50	7,868
10,490	50	5,245	50	5,245
2,000	100	2,000	0	0
12,588	50	6,294	50	6,294
5,000	50	2,500	50	2,500
6000	100	6,000	0	0
7500	100	7,500	0	0
27274	100	27,274	0	0
2000	100	2,000	0	0
7867.5	100	7,868	0	0
3147	100	3,147	0	0
2098	100	2,098	0	0
5245	0	0	100	5,245
1049	100	1,049	0	0
2000	100	2,000	0	0
1995.63	0	0	100	1,996
552,271		301,474		250,798
532283	0.58	310498.42	0.42	221784.58
55,227				
-75,000		-43750.00		-18229.17
-75,368	1	-75368.39		
\$989,413		\$492,854		\$454,353

=====>	3.02 /TH.GAL.	USE ->	PROPOSED RATE \$4.25 /TH.GAL.	
				0.7503121
	ψ		ψ	
=====>	16.40 /MO.	YIELDS ->	\$11.68 /MO.	
	22.45 /MO. incl. min. gallons		20.18 /MO. incl. min. gallons	

1999 WATER REVENUE CONT.

2504
2,000
NE
150,239

# of Connections	Minimum Bill			Rev./Year
	Min. Bill	Including Gs	Rev./Month	
2432	\$11.68	\$20.18	\$49,073	\$588,871
0	\$ 19.50	\$ 28.00	\$0	\$0
0	\$ 38.89	\$ 47.39	\$0	\$0
1	\$ 62.24	\$ 70.74	\$71	\$849
0	\$ 93.42	\$101.92	\$0	\$0
0	\$ 116.78	\$125.28	\$0	\$0
0	\$ 194.67	\$203.17	\$0	\$0
2	\$ 389.22	\$ 397.72	\$795	\$9,545
TOTAL MINIMUM CHARGES=>				\$599,266
GALLONAGE CHARGES=>	91,799 @	\$4.25 /1,000 GAL		390,147
				\$989,413

INSERT DATA:

NO OF 5/8" CUST.=	2432	5/8", 3/4"	EQUIV.	2432
NO OF 1" CUST.=	0	1"	EQUIV.	0
NO OF 1-1/2" CUST.=	0	1-1/2"	EQUIV.	0
NO OF 2" CUST.=	1	2"	EQUIV.	5.33
NO OF 2-1/2" CUST.=	0	2-1/2"	EQUIV.	0
NO OF 3" CUST.=	0	3"	EQUIV.	0
NO OF 4" CUST.=	0	4"	EQUIV.	0
NO OF 6" CUST.=	2	6"	EQUIV.	66.66
	2435			2503.99

2494.8

2435.4

ANCE RESERVE INSTEAD

3 =2376 AND ENDING CONNECTIONS = 2495, WHICH IS 5% GROWTH RATE

NET REVENUE GREATER THAN OR = 1.1 DEBT SERVICE?:

\$587,510.12

\$585,511.30

WATER REVENUE REQUIREMENT & RATE DESIGN

UTILITY:

REVENUE REQUIREMENT

BUDGET/COST OF SERVICE ITEM	Item Cost	%	Fixed	%	Variable
SALARIES	0	78	0	22	0
CONTRACT LABOR	117,865	75	88,399	25	29,466
CHEMICALS AND TREATMENT	12,035	60	7,221	40	4,814
UTILITIES	20,922	70	14,645	30	6,277
REPAIRS AND MAINTENANCE	71,060	50	35,530	50	35,530
OFFICE EXPENSES BILLING	15,679	45	7,056	55	8,623
ACCOUNTING & LEGAL	72,000	50	36,000	50	36,000
HEALTH INSURANCE	0	50	0	50	0
OFFICE SUPPLIES	4,707	45	2,118	55	2,589
TANK REPAIRS	0	50	0	50	0
BAD DEBT	0	50	0	50	0
PAYROLL TAXES	0	50	0	50	0
TELEPHONE	6,549	40	2,620	60	3,929
TRUCK & EQUIP. EXPENSE	0	50	0	50	0
TRAVEL & ENTERTAINMENT	1,130	50	565	50	565
EQUIPMENT RENTAL	250	50	125	50	125
INSURANCE - WC & LIABILITY	14,160	70	9,912	30	4,248
LICENSE & DUES	178	50	89	50	89
POSTAGE & FREIGHT	2,710	50	1,355	50	1,355
ADVERTISING	0	30	0	70	0
SAMPLING	8,459	50	4,230	50	4,230
EDUCATION	0	50	0	50	0
DEPRECIATION	56,273	60	33,764	40	22,509
MATERIALS & SUPPLIES	6,730	50	3,365	50	3,365
SECURITY	0	50	0	50	0
MISCELLANEOUS	1,250	50	625	50	625
LONG TERM DEBT	49,882	100	49,882	0	0
PURCHASED WATER	8,490	45	3,821	55	4,670
SLUG REMOVAL	2,363	50	1,182	50	1,182
BOOKKEEPING	4,163	50	2,082	50	2,082
	0	50	0	50	0
	0	50	0	50	0
SUB-TOTAL (LESS FIT & RETURN)	476,855		304,583	100	172,272
% OF TOTAL (FIXED + VARIABLE)		63		37	
PRINC. & INTEREST - WATER	0		0.00		0.00
MAINTENANCE RESERVE*	0		0.00		0.00
LESS OTHER REVENUE	\$0		0.00		0.00
TOTAL	\$476,855		\$304,583		\$172,272

RATE CALCULATION

GALLONAGE CHARGE

Variable Cost/Test Year Gallons/1,000 =====>

13.25 /TH.GAL.

USE ->

PROPOSED RATE

\$3.55 /TH.GAL.

MINIMUM BILL

Fixed Cost/12/Customer Equivalents =====>

100.32 /MO.

YIELDS ->

\$141.87 /MO.

100.32 /MO. incl. min. gallons

141.87 /MO.

inc. min. gall

Avg. Test-Yr Customer Equivalents =

253

Gallons Included In Minimum Bill =

0

Test Year Gallons Billed (x 1,000) =

13,000

REVENUES GENERATED:

Connection Size	# of Connections	Minimum Bill Min. Bill	Including Gals	Rev./Month	Rev./Year
5/8", 3/4"	253	\$141.87	\$141.87	\$35,892	\$430,705
3/4"	0	\$212.80	\$212.80	\$0	\$0
1"	0	\$354.66	\$354.66	\$0	\$0
1-1/2"	0	\$709.33	\$709.33	\$0	\$0
2"	0	\$1,134.93	\$1,134.93	\$0	\$0
2-1/2"	0	\$1,134.93	\$1,134.93	\$0	\$0
3"	0	\$1,418.66	\$1,418.66	\$0	\$0
4"	0	\$3,546.65	\$3,546.65	\$0	\$0
6"	0	\$7,093.30	\$7,093.30	\$0	\$0

GALLONAGE CHARGES=> TOTAL MINIMUM CHARGES=> \$430,705
 13,000 @ \$3.55 /1,000 GAL 46,150
 TOTAL REVENUE GENERATED=> \$476,855

Printed on:

time:

NOTES:

UTILITY:

Date Referenced: 1-Jan-97

**DEPRECIATION
ANALYSIS**

Description	Acquired Date	Ver./Est. Original Cost	Economic Life, yrs	Actual Deprec. Life	Annual Deprec.	Accum. Deprec.	Net Plant
Land	1-Jun-79	0	n/a	n/a	n/a	n/a	0.00
Structures:							
Masonry	1-Jun-79	0	30	17.6	0.00	0.00	
Wood	1-Jan-01	0	15	-4.0	0.00	0.00	
Well	1-Jun-79	0	30	17.6	0.00	0.00	
Pumps:							
Booster, >=7HP	1-Jan-01	0	10	-4.0	0.00	0.00	
Booster, <7HP	1-Jun-79	0	5	17.6	--	0.00	
Motor	1-May-94	0	3	2.7	0.00	0.00	
Well, <5t	1-Jan-01	0	5	-4.0	0.00	0.00	
Well, >5t	1-Jun-96	0	10	0.6	0.00	0.00	
Hypochlorinator	1-Aug-94	0	5	2.4	0.00	0.00	
Gas Chlorinator	1-Jan-01	0	10	-4.0	0.00	0.00	
Tanks:							
Pressure	1-Jun-79	0	50	17.6	0.00	0.00	
Ground :	1-Jun-79	0	50	17.6	0.00	0.00	
Distrib. System	1-Jun-79	0	50	17.6	0.00	0.00	
Distrib. System	1-Jun-93	0	50	3.6	0.00	0.00	
Services	1-Jun-79	0	20	17.6	0.00	0.00	
Services	1-Jun-93	0	20	3.6	0.00	0.00	
Meters	1-Jun-79	0	20	17.6	0.00	0.00	
Meters	1-Jun-93	0	20	3.6	0.00	0.00	
Compressor	1-Jan-01	0	10	-4.0	0.00	0.00	
Electrical Controls	1-May-94	0	30	2.7	0.00	0.00	
Furniture/Fixtures	1-Jan-81	0	10	16.0	--	0.00	
Heavy Equipment	15-Feb-89	0	10	7.9	0.00	0.00	
Light Vehicles	15-Sep-87	0	5	9.3	--	0.00	
Shop Tools	1-Jan-81	0	15	16.0	--	0.00	
Computer/Software	1-Feb-95	0	5	1.9	0.00	0.00	
Fencing	1-Jun-79	0	30	17.6	0.00	0.00	
Total:		\$0			\$0	\$0	\$0

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WATER REVENUE REQUIREMENT & RATE DESIGN

UTILITY:

REVENUE REQUIREMENT

BUDGET/COST OF SERVICE ITEM	Item Cost	%	Fixed	%	Variable
SALARIES	0	78	0	22	0
CONTRACT LABOR	117,865	75	88,399	25	29,466
CHEMICALS AND TREATMENT	12,035	60	7,221	40	4,814
UTILITIES	20,922	70	14,645	30	6,277
REPAIRS AND MAINTENANCE	71,060	50	35,530	50	35,530
OFFICE EXPENSES BILLING	15,679	45	7,056	55	8,623
ACCOUNTING & LEGAL	250,000	50	125,000	50	125,000
HEALTH INSURANCE	0	50	0	50	0
OFFICE SUPPLIES	4,707	45	2,118	55	2,589
TANK REPAIRS	0	50	0	50	0
BAD DEBT	0	50	0	50	0
PAYROLL TAXES	0	50	0	50	0
TELEPHONE	6,549	40	2,620	60	3,929
TRUCK & EQUIP. EXPENSE	0	50	0	50	0
TRAVEL & ENTERTAINMENT	1,130	50	565	50	565
EQUIPMENT RENTAL	250	50	125	50	125
INSURANCE - WC & LIABILITY	14,160	70	9,912	30	4,248
LICENSE & DUES	178	50	89	50	89
POSTAGE & FREIGHT	2,710	50	1,355	50	1,355
ADVERTISING	0	30	0	70	0
SAMPLING	8,459	50	4,230	50	4,230
EDUCATION	0	50	0	50	0
DEPRECIATION	56,273	60	33,764	40	22,509
MATERIALS & SUPPLIES	6,730	50	3,365	50	3,365
SECURITY	0	50	0	50	0
MISCELLANEOUS	1,250	50	625	50	625
LONG TERM DEBT	49,882	100	49,882	0	0
PURCHASED WATER	8,490	45	3,821	55	4,670
SLUG REMOVAL	2,363	50	1,182	50	1,182
BOOKKEEPING	4,163	50	2,082	50	2,082
	0	50	0	50	0
	0	50	0	50	0
SUB-TOTAL (LESS FIT & RETURN)	654,855		393,583	100	261,272
% OF TOTAL (FIXED + VARIABLE)		63		37	
PRINC. & INTEREST - WATER	0		0.00		0.00
MAINTENANCE RESERVE*	0		0.00		0.00
LESS OTHER REVENUE	\$0		0.00		0.00
TOTAL	\$654,855		\$393,583		\$261,272

RATE CALCULATION

GALLONAGE CHARGE

Variable Cost/Test Year Gallons/1,000 =====>

20.10 /TH.GAL.

USE ->

PROPOSED RATE

\$3.55 /TH.GAL.

MINIMUM BILL

Fixed Cost/12/Customer Equivalents =====>

129.64 /MO.

YIELDS ->

\$200.50 /MO.

Avg. Test-Yr Customer Equivalents =

253

Gallons Included In Minimum Bill =

0

Test Year Gallons Billed (x 1,000) =

13,000

129.64 /MO. incl. min. gallons

200.50 /MO.
inc. min. gall

REVENUES GENERATED:

Connection Size	# of Connections	Minimum Bill Min. Bill	Including Gals	Rev./Month	Rev./Year
5/8", 3/4"	253	\$200.50	\$200.50	\$50,725	\$608,705
3/4"	0	\$300.74	\$ 300.74	\$0	\$0
1"	0	\$ 501.24	\$ 501.24	\$0	\$0
1-1/2"	0	\$ 1,002.48	\$ 1,002.48	\$0	\$0
2"	0	\$ 1,603.97	\$ 1,603.97	\$0	\$0
2-1/2"	0	\$ 1,603.97	\$ 1,603.97	\$0	\$0
3"	0	\$ 2,004.96	\$ 2,004.96	\$0	\$0
4"	0	\$ 5,012.39	\$ 5,012.39	\$0	\$0
6"	0	\$10,024.79	\$ 10,024.79	\$0	\$0

GALLONAGE CHARGES=> TOTAL MINIMUM CHARGES=> \$608,705
 13,000 @ \$3.55 /1,000 GAL 46,150
 TOTAL REVENUE GENERATED=> \$654,855

Printed on:

time:

NOTES:

UTILITY:

Date Referenced: 1-Jan-97

**DEPRECIATION
ANALYSIS**

Description	Acquired Date	Ver./Est. Original Cost	Economic Life, yrs	Actual Deprec. Life	Annual Deprec.	Accum. Deprec.	Net Plant
Land	1-Jun-79	0	n/a	n/a	n/a	n/a	0.00
Structures:							
Masonry	1-Jun-79	0	30	17.6	0.00	0.00	
Wood	1-Jan-01	0	15	-4.0	0.00	0.00	
Well	1-Jun-79	0	30	17.6	0.00	0.00	
Pumps:							
Booster, >=7HP	1-Jan-01	0	10	-4.0	0.00	0.00	
Booster, <7HP	1-Jun-79	0	5	17.6	--	0.00	
Motor	1-May-94	0	3	2.7	0.00	0.00	
Well, <5t	1-Jan-01	0	5	-4.0	0.00	0.00	
Well, >5t	1-Jun-96	0	10	0.6	0.00	0.00	
Hypochlorinator	1-Aug-94	0	5	2.4	0.00	0.00	
Gas Chlorinator	1-Jan-01	0	10	-4.0	0.00	0.00	
Tanks:							
Pressure	1-Jun-79	0	50	17.6	0.00	0.00	
Ground :	1-Jun-79	0	50	17.6	0.00	0.00	
Distrib. System	1-Jun-79	0	50	17.6	0.00	0.00	
Distrib. System	1-Jun-93	0	50	3.6	0.00	0.00	
Services	1-Jun-79	0	20	17.6	0.00	0.00	
Services	1-Jun-93	0	20	3.6	0.00	0.00	
Meters	1-Jun-79	0	20	17.6	0.00	0.00	
Meters	1-Jun-93	0	20	3.6	0.00	0.00	
Compressor	1-Jan-01	0	10	-4.0	0.00	0.00	
Electrical Controls	1-May-94	0	30	2.7	0.00	0.00	
Furniture/Fixtures	1-Jan-81	0	10	16.0	--	0.00	
Heavy Equipment	15-Feb-89	0	10	7.9	0.00	0.00	
Light Vehicles	15-Sep-87	0	5	9.3	--	0.00	
Shop Tools	1-Jan-81	0	15	16.0	--	0.00	
Computer/Software	1-Feb-95	0	5	1.9	0.00	0.00	
Fencing	1-Jun-79	0	30	17.6	0.00	0.00	
Total:		\$0			\$0	\$0	\$0

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1999 WATER REVENUE REQUIREMENT & RATE DESIGN

Item Cost	%	Fixed	%	Variable
232,878	50	116,439	50	116,439
3,672	50	1,836	50	1,836
4,196	100	4,196	0	0
15,735	0	0	100	15,735
47,205	0	0	100	47,205
20,980	0	0	100	20,980
14,000	100	14,000	0	0
15,000	100	15,000	0	0
31,470	100	31,470	0	0
15,735	100	15,735	0	0
5,245	50	2,623	50	2,623
17,932	50	8,966	50	8,966
500	100	500	0	0
15,735	50	7,868	50	7,868
15,735	50	7,868	50	7,868
10,490	50	5,245	50	5,245
2,000	100	2,000	0	0
12,588	50	6,294	50	6,294
5,000	50	2,500	50	2,500
6000	100	6,000	0	0
7500	100	7,500	0	0
27274	100	27,274	0	0
2000	100	2,000	0	0
7867.5	100	7,868	0	0
3147	100	3,147	0	0
2098	100	2,098	0	0
5245	0	0	100	5,245
1049	100	1,049	0	0
2000	100	2,000	0	0
1995.63	0	0	100	1,996
552,271		301,474		250,798
	0.58		0.42	
532283		310498.42		221784.58
55,227				
-75,000		-43750.00		-18229.17
-75,368	1	-75368.39		
\$989,413		\$492,854		\$454,353

=====>	3.02 /TH.GAL.	USE ->	PROPOSED RATE \$4.25 /TH.GAL.	
				0.7503121
	ψ		ψ	
=====>	16.40 /MO.	YIELDS ->	\$11.68 /MO.	
	22.45 /MO. incl. min. gallons		20.18 /MO. incl. min. gallons	

1999 WATER REVENUE CONT.

2504
2,000
NE
150,239

# of Connections	Minimum Bill			Rev./Year
	Min. Bill	Including Gs	Rev./Month	
2432	\$11.68	\$20.18	\$49,073	\$588,871
0	\$ 19.50	\$ 28.00	\$0	\$0
0	\$ 38.89	\$ 47.39	\$0	\$0
1	\$ 62.24	\$ 70.74	\$71	\$849
0	\$ 93.42	\$101.92	\$0	\$0
0	\$ 116.78	\$125.28	\$0	\$0
0	\$ 194.67	\$203.17	\$0	\$0
2	\$ 389.22	\$ 397.72	\$795	\$9,545
TOTAL MINIMUM CHARGES=>				\$599,266
GALLONAGE CHARGES=>	91,799 @	\$4.25 /1,000 GAL		390,147
				\$989,413

INSERT DATA:

NO OF 5/8" CUST.=	2432	5/8", 3/4"	EQUIV.	2432
NO OF 1" CUST.=	0	1"	EQUIV.	0
NO OF 1-1/2" CUST.=	0	1-1/2"	EQUIV.	0
NO OF 2" CUST.=	1	2"	EQUIV.	5.33
NO OF 2-1/2" CUST.=	0	2-1/2"	EQUIV.	0
NO OF 3" CUST.=	0	3"	EQUIV.	0
NO OF 4" CUST.=	0	4"	EQUIV.	0
NO OF 6" CUST.=	2	6"	EQUIV.	66.66
	2435			2503.99

2494.8
2435.4

ANCE RESERVE INSTEAD

:=2376 AND ENDING CONNECTIONS = 2495, WHICH IS 5% GROWTH RATE

NET REVENUE GREATER THAN OR = 1.1 DEBT SERVICE?:

\$587,510.12
\$585,511.30



joe.gimenez <1129jjg@gmail.com>

Fw: COVID-19 Preparedness and FAQ

1 message

George Burriss <watermgmt@yahoo.com>
To: Joe Gimenez <1129jjg@gmail.com>

Tue, Mar 17, 2020 at 12:20 PM

Joe,

This email includes Covid-19 support info from TRWA. A couple issues are of interest.

First, the emergency rules allow for BOD meetings to be held by teleconferencing, i. e. by a conference call, for example. Members would need to be able to participate in the public comment period, so they would need a call-in number.

Second, there are considerations concerning disconnects for non-payment, or late payment. If the member is included in the elderly, or the high probability medical group, we should take into consideration the impact of having their water disconnected.

I don't know if you receive these communications from TRWA, but thought you would want to take a look at this.

George

----- Forwarded Message -----

From: TRWA Communications <editor@trwa.org>**To:** "watermgmt@yahoo.com" <watermgmt@yahoo.com>**Sent:** Tuesday, March 17, 2020, 10:17:38 AM CDT**Subject:** COVID-19 Preparedness and FAQ

COVID-19, the illness caused by the novel corona virus has caused numerous shutdowns and cancellations around the globe since it first appeared last December. In the past week alone, both President Trump and Governor Abbott have made federal and state disaster declarations, and local officials across Texas have issued a number of increasingly severe

restrictions on public gatherings.

Water systems play a vital role in public health and TRWA is here to help systems put measures in place that ensure seamless operations during the Coronavirus/COVID-19 pandemic. **Click [here to learn more about how you can prepare your system.](#)**

There may be systems, that due to an outbreak of COVID-19, require operational assistance. If you are in need of assistance or interested in helping a system in need in an emergency situation, please contact [**emergency.assistance@trwa.org**](mailto:emergency.assistance@trwa.org).

The TRWA Legal Department has fielded a high volume of calls about how best to conduct business, elections, and their annual meetings during these uncertain times. Please continue scrolling to view these frequently asked questions and answers.

Q: Many jurisdictions have limited the number of people who can congregate in one place, and some have restricted public gatherings altogether. Can we conduct our board meetings by phone or videoconference?

Yes, subject to a special order of Governor Greg Abbott. Under normal circumstances, the Texas Open Meetings Act (TOMA) reserves telephone and videoconference meetings strictly for emergencies, and in the case of videoconferences they are subject to extremely burdensome technical requirements that often make them impractical. While well-intentioned, these rules are simply unworkable during an ongoing pandemic. Yesterday, TRWA joined with the Texas Municipal League in requesting the governor make exceptions to these requirements. On Monday evening Governor Greg Abbott signed an executive order suspending many of these requirements until his March 13, 2020 disaster declaration is lifted or expires.

Under the order:

- Boards may meet by phone or videoconference without a quorum or presiding officer being physically present at a specified location, provided that a quorum participates in the meeting.
- Systems are not required to post physical notice of the meeting as long as their online notice includes a toll-free dial-in number or free-of-charge videoconference link, along with an electronic copy of any agenda packet.
- Systems are not required to provide the public with audio access to a phone or videoconference meeting to members of the public who are physically present at a specified location, as long as the dial-in number or videoconference link provided in the notice allows for the public's two-way communication with the board.
- The board must make a recording of any phone or videoconference meeting available to the public.
- The new law requiring a public comment period at meetings is still in effect. However, boards are not required to facilitate face-to-face interaction if they offer alternative methods for the public to communicate with them. Dial-in communications, participation in group videoconferences, submission of questions by email, or other reasonable means of communication would presumably satisfy this requirement.

Please **[click here](#)** for a complete list of the open meeting provisions that have been temporarily suspended. Systems may contact the Office of the Attorney General with question about the suspension order by telephone at (888) 672-6787 or via email at **TOMA@oag.texas.gov**. Officials with questions about teleconference and videoconference capabilities offered by the Texas Department of Information Resources should visit **dir.texas.gov** or call **[\(512\) 475-4700](tel:(512)475-4700)**.

Q: Should our water supply corporation (WSC) cancel our annual members' meeting? How can we still have it while mitigating the public's exposure to the virus?

Don't cancel if you can avoid it, but keep it simple and short. By the time you're reading this, gatherings of any size might not be allowed on a state, national, or local level. If such a restriction is enacted, TRWA recommends postponing your annual meeting and associated elections until that restriction is lifted, even if it means conducting your meeting after the statutory May 1 deadline.

If your annual meeting isn't expressly forbidden by applicable regulations, you should do away with any fun activities, such as meals or door prizes, that you have used in the past to draw in attendance. Make it clear to your membership ahead of time that the meeting will be business only, ask that members not bring non-member guests, and encourage them to drop off a ballot early instead of congregating in one area to vote in person. Additionally, notify those in vulnerable groups that it might be best for them to stay home this year whether they are voting members, directors, or employees of your corporation.

Q: Can we still disconnect customers' service for nonpayment or other violations of our tariff or rules during a declared state of emergency?

Yes, but your utility is free to decide what policy is best for your community. According to the Public Utility Commission, a utility still has the authority to disconnect for nonpayment. The recent emergency declarations from the president and governor do not automatically stop utilities from enforcing the same fees and disconnection policies they had in place before this all started. They said it's up to each utility to do what they think is best for their system. They also said that some water utilities in Texas have implemented policies to delay disconnection or waive certain fees due to hardships caused by COVID-19.

Although each utility has to take into account the financial implications for their system, our members may want to consider changing their policies during this time. While it is difficult to provide one-size-fits-all advice on this issue, systems may establish policies to recover non-payments in arrears or set up payment plans to implement once this crisis subsides.

Shut offs may become prohibited as state and federal legislators have expressed concerns about cutting off these essential services during the crisis. TRWA will continue to keep you updated on this and other issues as they evolve.

5d4ff5e794



joe gimenez <1129jjg@gmail.com>

Water and Waste Water Treatment Comparisons for Texas Water Supply Corporations

4 messages

brownsandniners@aol.com <brownsandniners@aol.com>

Mon, May 4, 2020 at 9:21 AM

Reply-To: brownsandniners@aol.com

To: "James.Smith@trwa.org" <James.Smith@trwa.org>, "Brownsandniners@aol.com" <Brownsandniners@aol.com>, "1129jjg@gmail.com" <1129jjg@gmail.com>, "watermgmt@yahoo.com" <watermgmt@yahoo.com>

Hello James,

I heard from a WOWSC member that TRWA has available comparisons of water rates and water water treatment rates for many if not all water supply corporations in Texas. Can you provide WOWSC with the comparisons of Texas water supply corporations' water and waste water treatment rates? If not, do you know who we can contact for those rate comparisons?

We want to understand how WOWSC's water and waste water treatment rates compare with other Texas water supply corporations.

Thanks,
Mike Nelson
WOWSC Secretary / Treasurer

brownsandniners@aol.com <brownsandniners@aol.com>

Sat, May 23, 2020 at 10:28 AM

Reply-To: brownsandniners@aol.com

To: "James.Smith@trwa.org" <James.Smith@trwa.org>, "Brownsandniners@aol.com" <Brownsandniners@aol.com>, "1129jjg@gmail.com" <1129jjg@gmail.com>, "watermgmt@yahoo.com" <watermgmt@yahoo.com>

Hello James,

Have you had an opportunity to start pulling together the Texas water supply corporations' water and waste water treatment rates for comparison to WOWSC's rates?

Thanks,
Mike
[Quoted text hidden]

brownsandniners@aol.com <brownsandniners@aol.com>

Sun, May 31, 2020 at 1:37 PM

Reply-To: brownsandniners@aol.com

To: "James.Smith@trwa.org" <James.Smith@trwa.org>, "Brownsandniners@aol.com" <Brownsandniners@aol.com>, "1129jjg@gmail.com" <1129jjg@gmail.com>, "watermgmt@yahoo.com" <watermgmt@yahoo.com>

Hello James,

Have you had an opportunity to start pulling together the Texas water supply corporations' water and waste water treatment rates for comparison to WOWSC's rates?

FYI. Members of WOWSC filed a rate appeal with PUC contesting the recent rate increase.

Your help is greatly appreciated.

Regards,
Mike Nelson
WOWSC Secretary / Treasurer

(512) 517 - 6893

[Quoted text hidden]

brownsandniners@aol.com <brownsandniners@aol.com>

Mon, Jun 8, 2020 at 5:34 PM

Reply-To: brownsandniners@aol.com

To: "James.Smith@trwa.org" <James.Smith@trwa.org>, "Brownsandniners@aol.com" <Brownsandniners@aol.com>, "1129jig@gmail.com" <1129jig@gmail.com>, "watermgmt@yahoo.com" <watermgmt@yahoo.com>

Hello James,

Friendly reminder of our request below.

Regards,

[Quoted text hidden]



joe.gimenez <1129jig@gmail.com>

PUC rate case rules for legal fees

2 messages

Joe Gimenez <1129jig@gmail.com>
 To: Trent Hightower <Trent.Hightower@trwa.org>
 Cc: George Burriss <watermgmt@yahoo.com>

Tue, May 19, 2020

Hi Trent,

I heard from George Burriss, the Windermere Oaks WSC water manager, that you wanted to see the PUC page that was referenced in regards to PUC not allowing legal fees in rate cases. Please see the note below which contains a link to the PUC page.

Best regards,

Joe

From: Mister Flunker <dflunker@gmail.com>

Sent: Thursday, May 14, 2020 6:35 PM

To: D Flunker <dflunker@gmail.com>

Subject: WOWSC Rate Appeal Regarding One of Our Directors

Ladies and Gentlemen,

There appears to be a lot of misinformation out there about OUR member owned Water Company including emails about the current and past litigation with our utility. The facts below cannot be disputed by ANY board member or any soldier of theirs that attempts to spread false information.

- The board raised the rates 71% to cover their legal costs, costs that the WOWSC insurance carrier refused to pick up because of violations of law and the icing on the cake is they have now hired a new law firm to go after the insurance carrier for not covering the claim, how much is this costing us?
- Patricia Gerino, the current vice president of our water company voted to raise our rates more than 71%. However, shortly thereafter, she filed her own rate appeal with the PUC challenging her water rates in Ridge Harbor where she resides. So, she wants to challenge her 50% water rate hike by Corix Utilities, but she has no problem passing on a 71% rate increase to us in the Windermere Area. You can access her filing here https://interchange.puc.texas.gov/Documents/50557_198_1057947.PDF. This is simply insane and an obvious conflict of interest. See below excerpts from the recent WOWSC ZOOM meeting where she calls the rate appeal filed by the ratepayers of WOWSC "crazy." The audacity.
- The PUC Rules for water utilities clearly state legal fees cannot be including in the cost of service, i.e. charge us for their litigation cost through our water rates, click here to see it in black and white. Rule 24.41b(2) **PUC on cost of service and legal fees**
- The WOWSC will not let the members see attorney invoices to verify legal spending so they filed a lawsuit against the Texas Attorney General, but according to director Gerino, the ratepayers are crazy for defending their right to the challenge our utility rates? <https://integritynow1.net/wowsc-v-texas-ag>

WE own this water company and have a right to redress our grievances with the PUC, specifically our rates and have the PUC investigate how our utility is being run.

"Three things cannot be long hidden: the sun, the moon, and the truth." Buddha

Sincerely,

Danny Flunker

<https://www.youtube.com/watch?v=RevIs2OKLbY>

Preview YouTube video Patri



Trent Hightower <Trent.Hightower@trwa.org>
 To: Joe Gimenez <1129jig@gmail.com>
 Cc: George Burriss <watermgmt@yahoo.com>

Tue, May 19, 2020 at 3:22 PM

Hi Joe and George,

I know you're working with an attorney on your rate appeal, so you should run this by him to be sure. I was mainly concerned when I spoke to James because he thought we had something on our website talking about attorneys' fees, but it looks like Mr. Flunker was actually referring to the PUC's rules. The rule Mr. Flunker cites only directly applies to for-profit utilities (the term "utility" is defined to mean only this type of utility – water supply corporations are either mentioned by name or included in the term "retail public utility" which means all types of utilities). That said, the PUC often looks to its rules for IOUs for guidance on issues relating to other types of utilities.

My understanding was that the rate increase was run by your attorneys and that they are working on this appeal. Is that correct? If so, I'd be interested in knowing what they have to say about the specific issue of legal fees as it relates to a WSC's rates.

--

Trent Hightower

Assistant General Counsel

Texas Rural Water Association

1616 Rio Grande | Austin, Texas 78701

Phone: (512) 472-8591, x106

Cell: (512) 923-5850

Fax: (512) 472-5186

www.trwa.org

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joe.gimenez <1129jjg@gmail.com>

PUC rate case rules for legal fees

Trent Hightower <Trent.Hightower@trwa.org>
To: Joe Gimenez <1129jjg@gmail.com>
Cc: George Burris <watermgmt@yahoo.com>

Tue, May 19, 2020 at 3:22 PM

Hi Joe and George,

I know you're working with an attorney on your rate appeal, so you should run this by him to be sure. I was mainly concerned when I spoke to James because he thought we had something on our website talking about attorneys' fees, but it looks like Mr. Flunker was actually referring to the PUC's rules. The rule Mr. Flunker cites only directly applies to for-profit utilities (the term "utility" is defined to mean only this type of utility – water supply corporations are either mentioned by name or included in the term "retail public utility" which means all types of utilities). That said, the PUC often looks to its rules for IOUs for guidance on issues relating to other types of utilities.

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Trent Hightower

Assistant General Counsel

Texas Rural Water Association

1616 Rio Grande | Austin, Texas 78701

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[Quoted text hidden]

From: Brittney Melancon <brittney.melancon@trwa.org>
Subject: FW: Methods to produce CCR [Windermere Oaks WSC]
Date: June 24, 2020 at 10:46:13 AM CDT
To: "dtaylor27@me.com" <dtaylor27@me.com>

Ms. Dorothy,

Please see below.

Brittney Melancon, ACP
NALA Advanced Certified Paralegal
Texas Rural Water Association
1616 Rio Grande | Austin, Texas 78701
Phone: (512) 472-8591, x110
Fax: (512) 472-5186
www.trwa.org

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From: Brittney Melancon [[[L]]]**Sent:** Tuesday, June 23, 2020 4:37 PM [[[L]]]**To:** watermgmt@yahoo.com [[[L]]]**Cc:** Trent Hightower <Trent.Hightower@trwa.org> [[[L]]]**Subject:** Methods to produce CCR [Windermere Oaks WSC]

Ms. Dorothy,


Amanda said you called with a question with regards to sending out your CCR. I tried to reach you by phone, but I received your voicemail.

Below I have pasted a blurb from TCEQ's website that addresses this topic.

Every community public water system (PWS) is required to create and

distribute a CCR that includes information about drinking water. Deliver the CCR to customers by July 1 of every year, 30 TAC 290.274(a). Your delivery method(s) depends on the population you serve. To check, please visit [Texas Drinking Water Watch](#) and search for your system. All of the CCR rules can be found at [30 Texas Administrative Code Chapter 290 Subchapter: H Consumer Confidence Reports](#) . If you have questions about how the population was established contact the [TCEQ Regional Office](#).


Since January 2013, the TCEQ allows water systems to electronically direct deliver their CCR to customers per EPA guidance. This EPA interpretive memorandum [SDWA – Consumer Confidence Report Rule Delivery Options](#) , clarifies the requirements of the Rule associated with the delivery of the CCR.

 For *communities serving* **500 or fewer people**:

- **Provide notice** at least once per year by July 1 to your customers by mail, door-to-door delivery, or by posting in an appropriate location that the **report is available upon request**
- Make a good faith effort to reach consumers who do not receive water bills such as apartment complexes, businesses, community centers, schools, etc.
- Make your CCR available upon request.

 For *communities serving* **over 500 people**:

- Directly deliver a copy of the CCR to each bill paying customer
- Make a good faith effort to reach consumers who do not receive water bills such as apartment complexes, businesses, community centers, schools, etc.
- Make your CCR available upon request.

 If you are a *community PWS* that **serves 100,000 or more people**, in addition to the requirements above, you must post the

current years CCR to a publicly accessible site on the Internet.

Here is the [link](#) where you can find the complete process. If you have any additional questions please feel free to contact me on my cell at (225) 678-4620.

Brittney Melancon, ACP
NALA Advanced Certified Paralegal
Texas Rural Water Association
1616 Rio Grande | Austin, Texas 78701
Phone: (512) 472-8591, x110
Fax: (512) 472-5186
www.trwa.org

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joe.gimenez <1129jgg@gmail.com>

PUC Questions of WOWSC and TRWA Rate Analysis

3 messages

Joe Gimenez <1129jgg@gmail.com>

Wed, Oct 21, 2020 at 10:42 AM

To: Trent Hightower <Trent.Hightower@trwa.org>, James.Smith@trwa.org

Cc: Jamie Mauldin <jmauldin@lglawfirm.com>, Mike Nelson <brownsandniners@aol.com>

Trent, James,

As you may know, Patti Flunker and Josie Fuller filed a rate case against WOWSC.

We have been asked by PUC staff to supply documents including the following:

Please state the methodology Windermere used to establish the water and sewer revenue requirements that were used to calculate the rates that are the subject of this appeal. In your response, please specify whether Windermere used the utility method or cash needs method, if applicable.

We are somewhat in the dark here about the methods they reference, particularly since we utilized the TRWA spreadsheet software to determine our 2020 rates. Could you all guide us with respect to method?

thank you,

Joe Gimenez

President

WOWSC

Trent Hightower <Trent.Hightower@trwa.org>

Wed, Oct 21, 2020 at 12:35 PM

To: Joe Gimenez <1129jgg@gmail.com>, "James C. Smith, III" <James.Smith@trwa.org>

Cc: Jamie Mauldin <jmauldin@lglawfirm.com>, Mike Nelson <brownsandniners@aol.com>

Hi Joe,

James can probably better answer that question than I can. I know there are various methods for calculating those things, but I'm not the one calculating them so I don't really know a lot about the differences. Have your attorneys reviewed the PUC's request?

--

Trent Hightower

Assistant General Counsel

Texas Rural Water Association

1616 Rio Grande | Austin, Texas 78701

Phone: (512) 472-8591, x106

Cell: (512) 923-5850

Fax: (512) 472-5186

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[Quoted text hidden]

Joe Gimenez <1129jgg@gmail.com>

Wed, Oct 21, 2020 at 12:41 PM

To: Trent Hightower <Trent.Hightower@trwa.org>

Cc: "James C. Smith, III" <James.Smith@trwa.org>, Jamie Mauldin <jmauldin@lglawfirm.com>, Mike Nelson <brownsandniners@aol.com>

Thanks Trent. Yes, they have, but they are unfamiliar with the methodology component of the question. My guess is that that is part of the black box calculation underlying the spreadsheet which TRWA provided us as service. My thought was that this may have been asked in previous PUC challenges to water companies using TRWA spreadsheets so you all might know its origination. thanks, Joe

[Quoted text hidden]



joe gimenez <1129jjg@gmail.com>

Rate Sheet

4 messages

James C. Smith, III <James.Smith@trwa.org>
To: Joe Gimenez <1129jjg@gmail.com>

Thu, Oct 22, 2020 at 1:19 PM

Mr. Gimenez,

TRWA's rate sheet looks at the (cash need) of the system, with this being said you look at the systems audit and gallons of water sold to the members for the year.

This rate sheet also lets you look or ad any known adjustments, system upgrades, legal, tank repairs, treatment plant upgrades, etc.

Hope This Helps.

James Smith
Circuit Rider, Technical
Assistance Departmental
Texas Rural Water Association
1616 Rio Grande
Austin, TX. 78701
Office (512) 472-8591
Fax (512) 472-5186

Please note my email address has changed to:

James.Smith@trwa.org
www.trwa.org

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Thank you

Joe Gimenez <1129jgg@gmail.com>
 To: "James C. Smith, III" <James.Smith@trwa.org>

Thu, Oct 22, 2020 at 1:20 PM

Thank you for your help! Yes, this does help. I appreciate all you do for WOWSC!
 Best regards,
 Joe

[Quoted text hidden]

Joe Gimenez <1129jgg@gmail.com>

Thu, Oct 22, 2020 at 1:21 PM

To: Jamie Mauldin <jmauldin@lglawfirm.com>, Mike Nelson <brownsandniners@aol.com>, Patrick Dinnin <pdinnin@lglawfirm.com>

See note below from TRWA regarding the PUC question about methodology. I'm going to insert this in the appropriate folder on Dropbox. best regards, Joe

[Quoted text hidden]

Jamie Mauldin <jmauldin@lglawfirm.com>

Thu, Oct 22, 2020 at 1:23 PM

To: Joe Gimenez <1129jgg@gmail.com>, Mike Nelson <brownsandniners@aol.com>, Patrick Dinnin <pdinnin@lglawfirm.com>

Thanks, Joe!



JAMIE L. MAULDIN

Principal

512-322-5890 Direct

512-771-5232 Cell

Lloyd Gosselink Rochelle & Townsend, P.C.

816 Congress Ave., Suite 1900, Austin, TX 78701

www.lglawfirm.com | 512-322-5800

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joe gimenez <1129jjg@gmail.com>

PUC Question

8 messages

Joe Gimenez <1129jjg@gmail.com>

Thu, Nov 5, 2020 at 3:51 PM

To: "James C. Smith, III" <James.Smith@trwa.org>, George Burris <watermgmt@yahoo.com>

Cc: Mike Nelson <brownsandniners@aol.com>

Hi James, George,

We are being asked by the PUC for information regarding the worksheet James produced for us. Here is their question.

For any expenses that are not exclusively incurred to provide either water or sewer service, please explain how Windermere allocated these expenses between the revenue requirement used to calculate the appealed water rates and the revenue requirement used to calculate the appealed sewer rates.

Our response follows, but in yellow highlight you will see a question about the worksheet. Could you help us with this? We need to file this response Monday so your earliest assistance is appreciated.

best regards,

Joe

Staff 1-1 For any expenses that are not exclusively incurred to provide either water or sewer service, please explain how Windermere allocated these expenses between the revenue requirement used to calculate the appealed water rates and the revenue requirement used to calculate the appealed sewer rates.

Our response:

TRWA Employee James Smith's analysis supports a WOWSC rate increase of \$65.73 per month. In Mr. Smith's analysis, he only applied an increase to water services and not to both water and waste water services. The analysis shows Water min charge increase from \$50.95 to \$116.68.

$$\$50.95 + \$65.73 = \$116.68$$

Approximately 60% of WOWSC's service revenue is for water and the other ~40% of service revenue is for waste water. Partitioning the rate increase:

1. $\$65.73 \times 0.60 = \39.44
2. $\$65.73 \times 0.40 = \26.29

The Rate analysis supports new Water min charge: $\$50.95 + \$39.44 = \$90.39$ and new Waste Water min charge: $\$40.12 + \$26.29 = \$66.41$

The Rate analysis supports new Total min charge: $\$90.39 + \$66.41 = \$156.80$.

Cost increases to be spread evenly across all members and are not based on water usage.

In James' analysis worksheet, column D has Item Cost, column E has (Fixed) %, column F has Fixed (cost), column G has (Variable) %, and column H has Variable (cost). James' analysis used the Fixed cost to determine a base rate of \$116.68.

Why does James' analysis say \$174.59 minimum bill???

James C. Smith, III <James.Smith@trwa.org>
To: Joe Gimenez <1129jgg@gmail.com>

Wed, Nov 11, 2020 at 10:41 AM

Mr. Gimenez,

Here is what I found in the Attachment.

If you look at the spread sheet above the \$116.68 you will see \$17.07, and if you look above the \$174.59 you will see \$3.55 this is what is making the monthly minimum different. You can go to the yellow square above the \$174.59 where the \$3.55 is and back that number out and put in \$17.07 and you should get the same on the monthly minimum, within a few pennies.

James Smith
Circuit Rider, Technical
Assistance Departmental
Texas Rural Water Association
1616 Rio Grande
Austin, TX. 78701
Office (512) 472-8591
Fax (512) 472-5186

Please note my email address has changed to:

James.Smith@trwa.org
www.trwa.org

This message may contain information that is confidential. The information is intended solely for the use of the addressee(s). If you are not an addressee, you disclosure, copying, distribution or use of the contents of this message is prohibited. If this message has been sent to you in error, please notify the sender by return e-mail.

Thank you

[Quoted text hidden]

 **Windermere Oaks WSC 2019.xls**
68K

Joe Gimenez <1129jgg@gmail.com>
To: "James C. Smith, III" <James.Smith@trwa.org>

Wed, Nov 11, 2020 at 11:13 AM

Thank you James. I appreciate the clarification.

WATER REVENUE REQUIREMENT & RATE DESIGN

UTILITY:

REVENUE REQUIREMENT

BUDGET/COST OF SERVICE ITEM	Item Cost	%	Fixed	%	Variable
SALARIES	0	78	0	22	0
CONTRACT LABOR	117,865	75	88,399	25	29,466
CHEMICALS AND TREATMENT	12,035	60	7,221	40	4,814
UTILITIES	20,922	70	14,645	30	6,277
REPAIRS AND MAINTENANCE	71,060	50	35,530	50	35,530
OFFICE EXPENSES BILLING	15,679	45	7,056	55	8,623
ACCOUNTING & LEGAL	171,337	50	85,669	50	85,669
HEALTH INSURANCE	0	50	0	50	0
OFFICE SUPPLIES	4,707	45	2,118	55	2,589
TANK REPAIRS	0	50	0	50	0
BAD DEBT	0	50	0	50	0
PAYROLL TAXES	0	50	0	50	0
TELEPHONE	6,549	40	2,620	60	3,929
TRUCK & EQUIP. EXPENSE	0	50	0	50	0
TRAVEL & ENTERTAINMENT	1,130	50	565	50	565
EQUIPMENT RENTAL	250	50	125	50	125
INSURANCE - WC & LIABILITY	14,160	70	9,912	30	4,248
LICENSE & DUES	178	50	89	50	89
POSTAGE & FREIGHT	2,710	50	1,355	50	1,355
ADVERTISING	0	30	0	70	0
SAMPLING	8,459	50	4,230	50	4,230
EDUCATION	0	50	0	50	0
DEPRECIATION	56,273	60	33,764	40	22,509
MATERIALS & SUPPLIES	6,730	50	3,365	50	3,365
SECURITY	0	50	0	50	0
MISCELLANEOUS	1,250	50	625	50	625
LONG TERM DEBT	49,882	100	49,882	0	0
PURCHASED WATER	8,490	45	3,821	55	4,670
SLUG REMOVAL	2,363	50	1,182	50	1,182
BOOKKEEPING	4,163	50	2,082	50	2,082
	0	50	0	50	0
	0	50	0	50	0
SUB-TOTAL (LESS FIT & RETURN)	576,192		354,252	100	221,940
% OF TOTAL (FIXED + VARIABLE)		63		37	
PRINC. & INTEREST - WATER	0		0.00		0.00
MAINTENANCE RESERVE*	0		0.00		0.00
LESS OTHER REVENUE	\$0		0.00		0.00
TOTAL	\$576,192		\$354,252		\$221,940

RATE CALCULATION

GALLONAGE CHARGE

Variable Cost/Test Year Gallons/1,000 =====>

17.07 /TH.GAL.

USE ->

PROPOSED RATE

\$3.55 /TH.GAL.

MINIMUM BILL

Fixed Cost/12/Customer Equivalents =====>

116.68 /MO.

YIELDS ->

\$174.59 /MO.

116.68 /MO. incl. min. gallons

174.59 /MO.

inc. min. gall

Avg. Test-Yr Customer Equivalents =

253

Gallons Included In Minimum Bill =

0

Test Year Gallons Billed (x 1,000) =

13,000

REVENUES GENERATED:

Connection Size	# of Connections	Minimum Bill Min. Bill	Including Gals	Rev./Month	Rev./Year
5/8", 3/4"	253	\$174.59	\$174.59	\$44,170	\$530,042
3/4"	0	\$261.88	\$261.88	\$0	\$0
1"	0	\$436.46	\$436.46	\$0	\$0
1-1/2"	0	\$872.93	\$872.93	\$0	\$0
2"	0	\$1,396.69	\$1,396.69	\$0	\$0
2-1/2"	0	\$1,396.69	\$1,396.69	\$0	\$0
3"	0	\$1,745.86	\$1,745.86	\$0	\$0
4"	0	\$4,364.64	\$4,364.64	\$0	\$0
6"	0	\$8,729.28	\$8,729.28	\$0	\$0

GALLONAGE CHARGES=> TOTAL MINIMUM CHARGES=> \$530,042
 13,000 @ \$3.55 /1,000 GAL 46,150
 TOTAL REVENUE GENERATED=> \$576,192

Printed on:

time:

NOTES:

UTILITY:

Date Referenced: 1-Jan-97

**DEPRECIATION
ANALYSIS**

Description	Acquired Date	Ver./Est. Original Cost	Economic Life, yrs	Actual Deprec. Life	Annual Deprec.	Accum. Deprec.	Net Plant
Land	1-Jun-79	0	n/a	n/a	n/a	n/a	0.00
Structures:							
Masonry	1-Jun-79	0	30	17.6	0.00	0.00	
Wood	1-Jan-01	0	15	-4.0	0.00	0.00	
Well	1-Jun-79	0	30	17.6	0.00	0.00	
Pumps:							
Booster, >=7HP	1-Jan-01	0	10	-4.0	0.00	0.00	
Booster, <7HP	1-Jun-79	0	5	17.6	--	0.00	
Motor	1-May-94	0	3	2.7	0.00	0.00	
Well, <5t	1-Jan-01	0	5	-4.0	0.00	0.00	
Well, >5t	1-Jun-96	0	10	0.6	0.00	0.00	
Hypochlorinator	1-Aug-94	0	5	2.4	0.00	0.00	
Gas Chlorinator	1-Jan-01	0	10	-4.0	0.00	0.00	
Tanks:							
Pressure	1-Jun-79	0	50	17.6	0.00	0.00	
Ground :	1-Jun-79	0	50	17.6	0.00	0.00	
Distrib. System	1-Jun-79	0	50	17.6	0.00	0.00	
Distrib. System	1-Jun-93	0	50	3.6	0.00	0.00	
Services	1-Jun-79	0	20	17.6	0.00	0.00	
Services	1-Jun-93	0	20	3.6	0.00	0.00	
Meters	1-Jun-79	0	20	17.6	0.00	0.00	
Meters	1-Jun-93	0	20	3.6	0.00	0.00	
Compressor	1-Jan-01	0	10	-4.0	0.00	0.00	
Electrical Controls	1-May-94	0	30	2.7	0.00	0.00	
Furniture/Fixtures	1-Jan-81	0	10	16.0	--	0.00	
Heavy Equipment	15-Feb-89	0	10	7.9	0.00	0.00	
Light Vehicles	15-Sep-87	0	5	9.3	--	0.00	
Shop Tools	1-Jan-81	0	15	16.0	--	0.00	
Computer/Software	1-Feb-95	0	5	1.9	0.00	0.00	
Fencing	1-Jun-79	0	30	17.6	0.00	0.00	
Total:		\$0			\$0	\$0	\$0

- - - - - - - - - -

1999 WATER REVENUE REQUIREMENT & RATE DESIGN

Item Cost	%	Fixed	%	Variable
232,878	50	116,439	50	116,439
3,672	50	1,836	50	1,836
4,196	100	4,196	0	0
15,735	0	0	100	15,735
47,205	0	0	100	47,205
20,980	0	0	100	20,980
14,000	100	14,000	0	0
15,000	100	15,000	0	0
31,470	100	31,470	0	0
15,735	100	15,735	0	0
5,245	50	2,623	50	2,623
17,932	50	8,966	50	8,966
500	100	500	0	0
15,735	50	7,868	50	7,868
15,735	50	7,868	50	7,868
10,490	50	5,245	50	5,245
2,000	100	2,000	0	0
12,588	50	6,294	50	6,294
5,000	50	2,500	50	2,500
6000	100	6,000	0	0
7500	100	7,500	0	0
27274	100	27,274	0	0
2000	100	2,000	0	0
7867.5	100	7,868	0	0
3147	100	3,147	0	0
2098	100	2,098	0	0
5245	0	0	100	5,245
1049	100	1,049	0	0
2000	100	2,000	0	0
1995.63	0	0	100	1,996
552,271		301,474		250,798
	0.58		0.42	
532283		310498.42		221784.58
55,227				
-75,000		-43750.00		-18229.17
-75,368	1	-75368.39		
\$989,413		\$492,854		\$454,353

=====>	3.02 /TH.GAL.	USE ->	PROPOSED RATE \$4.25 /TH.GAL.	
				0.7503121
	ψ		ψ	
=====>	16.40 /MO.	YIELDS ->	\$11.68 /MO.	
	22.45 /MO. incl. min. gallons		20.18 /MO. incl. min. gallons	

1999 WATER REVENUE CONT.

2504
2,000
NE
150,239

# of Connections	Minimum Bill			Rev./Year
	Min. Bill	Including Gs	Rev./Month	
2432	\$11.68	\$20.18	\$49,073	\$588,871
0	\$ 19.50	\$ 28.00	\$0	\$0
0	\$ 38.89	\$ 47.39	\$0	\$0
1	\$ 62.24	\$ 70.74	\$71	\$849
0	\$ 93.42	\$101.92	\$0	\$0
0	\$ 116.78	\$125.28	\$0	\$0
0	\$ 194.67	\$203.17	\$0	\$0
2	\$ 389.22	\$397.72	\$795	\$9,545
TOTAL MINIMUM CHARGES=>				\$599,266
GALLONAGE CHARGES=>	91,799 @	\$4.25 /1,000 GAL		390,147
				\$989,413

INSERT DATA:

NO OF 5/8" CUST.=	2432	5/8", 3/4"	EQUIV.	2432
NO OF 1" CUST.=	0	1"	EQUIV.	0
NO OF 1-1/2" CUST.=	0	1-1/2"	EQUIV.	0
NO OF 2" CUST.=	1	2"	EQUIV.	5.33
NO OF 2-1/2" CUST.=	0	2-1/2"	EQUIV.	0
NO OF 3" CUST.=	0	3"	EQUIV.	0
NO OF 4" CUST.=	0	4"	EQUIV.	0
NO OF 6" CUST.=	2	6"	EQUIV.	66.66
	2435			2503.99

2494.8

2435.4

ANCE RESERVE INSTEAD

3 =2376 AND ENDING CONNECTIONS = 2495, WHICH IS 5% GROWTH RATE

NET REVENUE GREATER THAN OR = 1.1 DEBT SERVICE?:

\$587,510.12

\$585,511.30



joe.gimenez <1129jgg@gmail.com>

Windermere Oaks PUC Filing

3 messages

Joe Gimenez <1129jgg@gmail.com>

Thu, Mar 11, 2021 at 9:45 AM

To: Trent Hightower <Trent.Hightower@trwa.org>

Good morning Trent,

Windermere Oaks filed testimony yesterday in regards to the PUC rate case filed by ratepayer representatives Josie Fuller and Patti Flunker. They are protesting the WOWSC rate increase in 2020 caused in 2019 by legal fees of \$166,000 for various cases and PIA requests. The rate case itself will cost more than the legal fees in 2019. I am at some point going to file my experience in this whole matter with the Texas Sunset Commission for their review in 2024 of the Public Utility Commission and its processes, especially in view of how financially destructive their process is to small systems. I hope you will share this information with Mr. McManus as I do not have his email address, but I do appreciate his – and your – work in support of our water system.

Best regards,

Joe

- | | | | |
|-----------|-----------|--|---|
| 79 | 3/10/2021 | WINDERMERE OAKS
WATER SUPPLY
CORPORATION | Direct Testimony of George Burriss on behalf of
Windermere Oaks Water Supply Corporation |
| 80 | 3/10/2021 | WINDERMERE OAKS
WATER SUPPLY
CORPORATION | CONFIDENTIAL- ATTACHMENT GB-2 TO
DIRECT TESTIMONY OF GEORGE BURRISS
ON BEHALF OD WINDEREMERE OAKS
WSC BATE STAMP 1-9 |
| 81 | 3/10/2021 | WINDERMERE OAKS
WATER SUPPLY
CORPORATION | Direct Testimony of Joe Gimenez, III on behalf
of Windermere Oaks Water Supply Corporation |
| 82 | 3/10/2021 | WINDERMERE OAKS
WATER SUPPLY
CORPORATION | Direct Testimony of Mike Nelson on behalf of
Windermere Oaks Water Supply Corporation |
| 83 | 3/10/2021 | WINDERMERE OAKS
WATER SUPPLY
CORPORATION | Direct Testimony of Jamie Mauldin on behalf of
Windermere Oaks Water Supply Corporation |

Trent Hightower <Trent.Hightower@trwa.org>

Thu, Mar 11, 2021 at 9:47 AM

To: Joe Gimenez <1129jgg@gmail.com>

Thank you for that information, Joe, and you're welcome for any help we can provide! I'll definitely share this with our leadership.

Trent Hightower

Assistant General Counsel

Texas Rural Water Association

1616 Rio Grande | Austin, Texas 78701

Phone: (512) 472-8591, x106

Cell: (512) 923-5850

Fax: (512) 472-5186

www.trwa.org

[Quoted text hidden]

Joe Gimenez <1129jgg@gmail.com>

Thu, Mar 11, 2021 at 10:25 AM

To: Trent Hightower <Trent.Hightower@trwa.org>

Trent,
I joke with Dorothy that you are like Batman to us — she has a direct line to a red phone in your office for you to help us with our system! We appreciate it.

jg

[Quoted text hidden]



joe gimenez <1129jjg@gmail.com>

Successful Election -- TRWA "Voodoo Mathematics"

2 messages

Joe Gimenez <1129jjg@gmail.com>

Sun, Mar 28, 2021 at 2:33 PM

To: Trent Hightower <Trent.Hightower@trwa.org>

Cc: Dorothy Taylor <dtaylor27@me.com>, Jamie Mauldin <jmauldin@lglawfirm.com>

Trent,

I appreciate all the support that you have provided to Dorothy Taylor as we worked through all the issues with regards to this election. We held a very problem free election yesterday. We could not have done it without you and support from the TRWA. I'm attaching the Election Auditors report with the results. I hope you will pass the compliments to your supervisors.

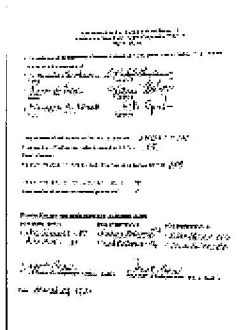
As heads-up, I'm also attaching a recent communication from Patti Flunker and Josie Fuller, in their capacity as ratepayer representatives in our PUC case, to their email list of supporters. I bring it to your attention because Flunker/Fuller have deemed our calculations using the TRWA spreadsheet to have been "voodoo mathematics." I think that the TRWA spreadsheet is a valuable tool for small water companies and I would hate for it to suffer demonization at the PUC based on whatever testimony Ms. Fuller and Ms. Flunker might give in coming weeks. That characterization seems like it may be a part of it.

Again, thank you.

Best regards,

Joe Gimenez

713.478.8034

2 attachments**Election Auditor Report.jpeg**
2534K**Fuller - 2nd Update of the Rate Appeal at the PUC.pdf**

681K

Trent Hightower <Trent.Hightower@trwa.org>

Mon, Mar 29, 2021 at 9:02 AM

To: Joe Gimenez <1129jjg@gmail.com>

Cc: Dorothy Taylor <dtaylor27@me.com>, Jamie Mauldin <jmauldin@lglawfirm.com>

I'm glad you had a successful election guys! I know y'all put a lot of hard work into making it go smoothly as possible.

That's definitely an interesting filing on their part, and I'll pass it along to folks over here. Thanks for sending!

Trent Hightower

Assistant General Counsel

Texas Rural Water Association

1616 Rio Grande | Austin, Texas 78701

Phone: (512) 472-8591, x106

Cell: (512) 923-5850

Fax: (512) 472-5186

www.trwa.org

[Quoted text hidden]

Josie Fuller

Second Update of the Rate Appeal at the PUC

March 22, 2021 at 12:02 AM

Ratepayers Representative

As promised we are passing on updates from the PUC Rate Appeal. Listed below is what we have discovered by the recent testimony of Joe Gimenez and Mike Nelson submitted to the PUC on March 10, 2021.

- Mike Nelson admitted in his testimony they made a mistake in the calculation of the 2020 rate study. Instead of using the correct number of taps which is 271 they used 253 to determine the new water and sewer rates. Had they used the correct number of 271 for the water rates, the rates would be much lower. Mr. Nelson goes on to say the mistake is tied to a carryover from the old 2018 water rate study which included 253 taps, however Mr. Nelson fails to review this study before submitting this testimony, the 2018 water rate study included only 240 taps not 253. Another mistake/oversight by the WOWSC?
- Exhibits submitted by the WOWSC in their testimony included the February 1, 2020 Annual Members Minutes which records board conversations on the rate increase, specifically discussions which confirm that the 2020 rate study was ONLY for water. This is not true, upon inspection of their 2020 rate study the WOWSC combined all water and sewer expenses into one study which yielded a combined water and sewer rate of \$116.68 based on 253 customers.
- After considerable amount of time analyzing their 2020 rate study, we determined that the board then tacked on an additional \$40.00 to the \$116.68 water/sewer rate amount. Why did they do this and how did they decide to add \$40.00 to \$116.68?

Here's what they did to increase our rates (aka voodoo mathematics)

- They looked at the 2018 water rate of \$50.95.
- Then they took the 2020 rate study that produced an amount of \$116.68, subtracted \$50.95 (2018 water rate) and then came up with \$63.73.
- Then they took 60% of \$63.73 (\$38.24) and added this to the old water rate of \$50.95 to produce our new water rate of \$89.19.
- Finally, they took 40% of \$63.73 (\$25.50) and added this to the old sewer rate of \$40.12 to produce our new sewer rate of \$65.62.
- This produced a combined base rate for water and sewer of roughly \$154.81 which does not include taxes or any galloni charges.

If you are confused by these irrational mathematical methodologies cited above, so too were we, and the best we can describe it is voodoo mathematics.

THE FLAWS in the 2020 Water/Sewer Rate Study

- The 2020 combined water/sewer rate study compared to the 2018 water study and 2018 sewer study does not apply consistent methodology and is flawed. Instead of comparing apples to apples it compares apples to oranges.
- They reference the 2018 water rates to determine the 2020 rates in an inconsistent manner. The 2018 water rate was inapplicable to the 2020 water and sewer rate determination.
- There are customers that only have water service, these customers are charged for wastewater expenses, specifically the treatment plant loan is being passed onto them through the water rates.
- The WOWSC uses cash basis accounting and their depreciation has been included in the 2020 rate study. PUC has previously ruled depreciation cannot be used in cash basis accounting.
- The overcharge in the rates appears to be around \$40.12 a month per customer.

We believe the water rates should be roughly \$52.00 for water and roughly \$65.00 for sewer (fewer sewer customers v. water customers), hence what the 2020 rate study produced - \$116.00. Our rates must be recalculated as there are obvious flaws in their methodology which results in a \$40.00/month overcharge. The data used to determine what believe are the correct rates simply comes from their own 2020 rate analysis the WOWSC submitted to the PUC.

Customers must ask the WOWSC board why so many mistakes and oversights when it comes to running our corporation, specifically overcharging us for water and sewer rates. If you would like us to send you the rate studies to verify this information, please let us know.

In closing, please show up on Saturday to vote in this important election so we get the rates back down to what they should be. Remember voting is from 8:30 – 10:00 AM at the Windermere Pavilion. If you did not receive your election packet (as we understand a handful of customers have not) it's probably too late to get one mailed to you and returned back to them to be counted, so please show up Saturday to vote in this important election.

Meet your neighbors, candidates and enjoy coffee and donuts.

Josie Fuller and Patti Flunker/Your Ratepayer Representatives at the PUC

Supplemental Attachment Ratepayers 7-9
240 of 590

Independent Election Auditor Official Report for
Windermere Oaks Water Supply Corporation Election
March 27, 2021

I, the undersigned **Independent Election Auditor**, do hereby certify that all ballots received were counted with the assistance of:

1. <u>T. Michele Christenson</u>	<u>T. Michele Christenson</u>
Name	Signature
2. <u>Karri Gibson</u>	<u>Karri Gibson</u>
Name	Signature
3. <u>KENNETH R. EPICH</u>	<u>KA Epich</u>
Name	Signature

Total number of ballots received by mail or drop box 140 + 1 = 141

Total number of ballots cast today in person on 3/27/21 47

Total of above ..

Number of ballots received by mail, drop box or in person 3/27/21 188

Total number of ballots not counted due to defects 4

Total number of ballots not counted provisional 1

Director Election vote totals (start with the highest count)

FOR POSITION 1:

1. Joe Gimenez - 97
2. Allen Hicks - 91

FOR POSITION 2:

1. Richard Schaefer - 102
2. Mark McDonald - 86

FOR POSITION 3:

1. Mike Nelson - 106
2. Josie Fuller - 82

Janet Crow
Printed Name of Independent Election Auditor

Janet Crow
Signature of Independent Election Auditor

Date March 27, 2021



joe.gimenez <1129jig@gmail.com>

PUC Rate Case -- Depreciation in the TRWA Analysis

3 messages

Joe Gimenez <1129jig@gmail.com>

Tue, Apr 20, 2021 at 9:59 AM

To: Trent Hightower <Trent.Hightower@trwa.org>, "James C. Smith, III" <James.Smith@trwa.org>

Cc: Mike Nelson <brownsandniners@aol.com>, Jamie Mauldin <jmauldin@lglawfirm.com>, Reid Barnes <rbarnes@lglawfirm.com>

Good morning Trent and James,

Yesterday, the PUC Staff asked WOWSC to respond to an inquiry about WOWSC's use of depreciation in its rate calculation. Staff has previously expressed that depreciation cannot be used in a cash-basis budget. I'm not an accountant or finance major so I cannot specifically describe their problem with this, except to say that they were critical during mediation about the fact that WOWSC had paid off most of its assets and yet was still claiming depreciation on the TRWA rate analysis sheet.

Here is the question from staff:

Reference Mike Nelson's testimony, Attachment MN-2, Water Revenue and Rate Design. Provide the basis for the calculation used to determine the Budget/Cost of Service Item, Depreciation, in the amount of \$56,273.

I've attached the PDF of the TRWA rate analysis spreadsheet which WOWSC used to develop the rate.

Right now, our response to Staff might be something like "We used the TRWA rate analysis spreadsheet." But they obviously want more as to why depreciation was considered and not some other calculation, like "Capital Renewals and Replacements" or some such. James and I have discussed this previously. But since this matter has ramifications for other WSCs which may wind up in PUC rate cases using the TRWA spreadsheet, I want us to be on the same page with you all.

Finally, as fyi, WOWSC asked NewGen Strategies to help us develop Financial Policies, which is here. At the bottom of page 1 is what they came up with for the definition of 'depreciation' for our cash-basis system.

Hopefully, I've laid this out appropriately, and will defer to Jamie Mauldin or Mike Nelson for any corrections.

Otherwise, do you have any thoughts on how we should handle this Staff question so as to align with any future inquiry of a TRWA-assisted WSC would be much appreciated.

Thanks,
Joe

2 attachments **Mike Nelson Attachment 2.pdf**
117K **50788 Staff's Third RFIs to Windermere AIS Final.pdf**
115K

Trent Hightower <Trent.Hightower@trwa.org>

Tue, Apr 20, 2021 at 10:19 AM

To: Joe Gimenez <1129jig@gmail.com>, James Smith <james.smith@trwa.org>

Cc: Mike Nelson <brownsandniners@aol.com>, Jamie Mauldin <jmauldin@lglawfirm.com>, Reid Barnes <rbarnes@lglawfirm.com>

Joe,

I don't have much in the way of an accounting or finance background either, so I'm probably not much help here. The spreadsheet was created before I came to work for TRWA, so maybe James has some more institutional knowledge about the various factors that went into it. I'll circulate this email around on our end to see if the people more in the know think it's something we need to update based on the PUC's recent feedback.

Trent Hightower

Assistant General Counsel

Texas Rural Water Association

1616 Rio Grande | Austin, Texas 78701

Phone: (512) 472-8591, x106

Cell: (512) 923-5850

Fax: (512) 472-5186

www.trwa.org

[Quoted text hidden]

Joe Gimenez <1129jig@gmail.com>

Tue, Apr 20, 2021 at 10:30 AM

To: Trent Hightower <Trent.Hightower@trwa.org>

thanks Trent.

[Quoted text hidden]

**SOAH DOCKET NO. 473-20-4071.WS
PUC DOCKET NO. 50788**

RATEPAYERS APPEAL OF THE	§	BEFORE THE STATE OFFICE
DECISION BY WINDERMERE	§	
OAKS WATER SUPPLY	§	OF
CORPORATION TO CHANGE	§	
WATER AND SEWER RATES	§	ADMINISTRATIVE HEARINGS

**COMMISSION STAFF'S THIRD REQUEST FOR INFORMATION
TO WINDERMERE OAKS WATER SUPPLY CORPORATION
QUESTION NO. STAFF 3-1**

The Staff (Staff) of the Public Utility Commission of Texas (Commission) requests that Windermere Oaks Water Supply Corporation (Windermere) provide the following information and answer the following questions under oath. The questions shall be answered in sufficient detail to fully present all of the relevant facts, within the time limit provided by the Presiding Officer or within 20 days, if the Presiding Officer has not provided a time limit. Please copy the question immediately above the answer to each question. These questions are continuing in nature, and, if there is a relevant change in circumstances, Windermere must submit an amended answer, under oath, as a supplement to its original answer. State the name of the witness in this cause who will sponsor the answer to the question and can vouch for the truth of that answer.

Provide responses to the Requests for Information by filing with the Commission solely through the Interchange on the Commission's website and provide notice, by email, to all other parties that the pleading or document has been filed with the Commission, unless otherwise ordered by the presiding officer pursuant to the Order Suspending Rules in Docket No. 50664.

Dated: April 19, 2021

Respectfully submitted,

**PUBLIC UTILITY COMMISSION OF TEXAS
LEGAL DIVISION**

Rachelle Nicolette Robles
Division Director

Eleanor D' Ambrosio
Managing Attorney

/s/ Merritt Lander
Merritt Lander
State Bar No. 24106183
1701 N. Congress Avenue
P.O. Box 13326
Austin, Texas 78711-3326
(512) 936-7290
(512) 936-7268 (facsimile)
Merritt.Lander@puc.texas.gov

**SOAH DOCKET NO. 473-20-4071.WS
PUC DOCKET NO. 50788**

CERTIFICATE OF SERVICE

I certify that, unless otherwise ordered by the presiding officer, notice of the filing of this document was provided to all parties of record on April 19, 2021 in accordance with the Order Suspending Rules filed in Project No. 50664.

/s/ Merritt Lander
Merritt Lander

**SOAH DOCKET NO. 473-20-4071.WS
PUC DOCKET NO. 50788**

**COMMISSION STAFF'S THIRD REQUEST FOR INFORMATION
TO WINDERMERE OAKS WATER SUPPLY CORPORATION
QUESTION NO. STAFF 3-1**

DEFINITIONS

- 1) "Windermere," or "you" refers to Windermere Oaks Water Supply Corporation and any person acting or purporting to act on its behalf, including, without limitation, attorneys, agents, advisors, investigators, representatives, employees or other persons.

**SOAH DOCKET NO. 473-20-4071.WS
PUC DOCKET NO. 50788**

**COMMISSION STAFF'S THIRD REQUEST FOR INFORMATION
TO WINDERMERE OAKS WATER SUPPLY CORPORATION
QUESTION NO. STAFF 3-1**

INSTRUCTIONS

- 1) Pursuant to 16 TAC § 22.144(c)(2), Staff requests that answers to the requests for information be made under oath.
- 2) Please copy the question immediately above the answer to each question. State the name of the witness in this cause who will sponsor the answer to the question and can vouch for the truth of the answer.
- 3) These questions are continuing in nature, and if there is a relevant change in circumstances, submit an amended answer, under oath, as a supplement to your original answer.
- 4) Words used in the plural shall also be taken to mean and include the singular. Words used in the singular shall also be taken to mean and include the plural.
- 5) The present tense shall be construed to include the past tense, and the past tense shall be construed to include the present tense.
- 6) If any document is withheld under any claim of privilege, please furnish a list identifying each document for which a privilege is claimed, together with the following information: date, sender, recipients or copies, subject matter of the document, and the basis upon which such privilege is claimed.
- 7) Pursuant to 16 TAC § 22.144(h)(4), if the response to any request is voluminous, please provide a detailed index of the voluminous material.
- 8) Staff requests that each item of information be made available as it is completed, rather than upon completion of all information requested.

**SOAH DOCKET NO. 473-20-4071.WS
PUC DOCKET NO. 50788**

**COMMISSION STAFF'S THIRD REQUEST FOR INFORMATION
TO WINDERMERE OAKS WATER SUPPLY CORPORATION
QUESTION NO. STAFF 3-1**

Staff 3-1 Reference Mike Nelson's testimony, Attachment MN-2, Water Revenue and Rate Design. Provide the basis for the calculation used to determine the Budget/Cost of Service Item, Depreciation, in the amount of \$56,273.

WATER REVENUE REQUIREMENT & RATE DESIGN

UTILITY:

REVENUE REQUIREMENT

BUDGET/COST OF SERVICE ITEM	Item Cost	%	Fixed	%	Variable
SALARIES	0	78	0	22	0
CONTRACT LABOR	117,865	75	88,399	25	29,466
CHEMICALS AND TREATMENT	12,035	60	7,221	40	4,814
UTILITIES	20,922	70	14,645	30	6,277
REPAIRS AND MAINTENANCE	71,060	50	35,530	50	35,530
OFFICE EXPENSES BILLING	15,679	45	7,056	55	8,623
ACCOUNTING & LEGAL	171,337	50	85,669	50	85,669
HEALTH INSURANCE	0	50	0	50	0
OFFICE SUPPLIES	4,707	45	2,118	55	2,589
TANK REPAIRS	0	50	0	50	0
BAD DEBT	0	50	0	50	0
PAYROLL TAXES	0	50	0	50	0
TELEPHONE	6,549	40	2,620	60	3,929
TRUCK & EQUIP. EXPENSE	0	50	0	50	0
TRAVEL & ENTERTAINMENT	1,130	50	565	50	565
EQUIPMENT RENTAL	250	50	125	50	125
INSURANCE - WC & LIABILITY	14,160	70	9,912	30	4,248
LICENSE & DUES	178	50	89	50	89
POSTAGE & FREIGHT	2,710	50	1,355	50	1,355
ADVERTISING	0	30	0	70	0
SAMPLING	8,459	50	4,230	50	4,230
EDUCATION	0	50	0	50	0
DEPRECIATION	56,273	60	33,764	40	22,509
MATERIALS & SUPPLIES	6,730	50	3,365	50	3,365
SECURITY	0	50	0	50	0
MISCELLANEOUS	1,250	50	625	50	625
LONG TERM DEBT	49,882	100	49,882	0	0
PURCHASED WATER	8,490	45	3,821	55	4,670
SLUG REMOVAL	2,363	50	1,182	50	1,182
BOOKKEEPING	4,163	50	2,082	50	2,082
	0	50	0	50	0
	0	50	0	50	0
SUB-TOTAL (LESS FIT & RETURN)	576,192		354,252	100	221,940
% OF TOTAL (FIXED + VARIABLE)		63		37	
PRINC. & INTEREST - WATER	0		0.00		0.00
MAINTENANCE RESERVE*	0		0.00		0.00
LESS OTHER REVENUE	\$0		0.00		0.00
TOTAL	\$576,192		\$354,252		\$221,940

RATE CALCULATION

GALLONAGE CHARGE

Variable Cost/Test Year Gallons/1,000 =====>

17.07 /TH.GAL.

USE ->

PROPOSED RATE

\$3.55 /TH.GAL.

MINIMUM BILL

Fixed Cost/12/Customer Equivalents =====>

116.68 /MO.

YIELDS ->

\$174.59 /MO.

116.68 /MO. incl. min. gallons

174.59 /MO.

inc. min. gall

Avg. Test-Yr Customer Equivalents = 253
 Gallons Included In Minimum Bill = 0
 Test Year Gallons Billed (x 1,000) = 13,000

REVENUES GENERATED:

Connection Size	# of Connections	Min. Bill	Minimum Bill Including Gals	Rev./Month	Rev./Year
5/8", 3/4"	253	\$174.59	\$174.59	\$44,170	\$530,042
3/4"	0	\$261.88	\$ 261.88	\$0	\$0
1"	0	\$ 436.46	\$ 436.46	\$0	\$0
1-1/2"	0	\$ 872.93	\$ 872.93	\$0	\$0
2"	0	\$ 1,396.69	\$ 1,396.69	\$0	\$0
2-1/2"	0	\$ 1,396.69	\$ 1,396.69	\$0	\$0
3"	0	\$ 1,745.86	\$ 1,745.86	\$0	\$0
4"	0	\$ 4,364.64	\$ 4,364.64	\$0	\$0
6"	0	\$ 8,729.28	\$ 8,729.28	\$0	\$0
		TOTAL MINIMUM CHARGES=>			\$530,042
GALLONAGE CHARGES=>		13,000 @		\$3.55 /1,000 GAL	46,150
TOTAL REVENUE GENERATED=>					\$576,192

Printed on:

time:

NOTES:



joe gimenez <1129jjg@gmail.com>

PUC RFI

15 messages

Joe Gimenez <1129jjg@gmail.com>

Thu, Apr 22, 2021 at 10:50 AM

To: Trent Hightower <Trent.Hightower@trwa.org>

Cc: Jamie Mauldin <jmauldin@lglawfirm.com>, Robyn Katz <rkatz@lglawfirm.com>, Mike Nelson <brownsandniners@aol.com>

Good morning Trent,

I received this yesterday from our attorneys and unfortunately once again they are asking for a lot of information that only trwa would be able to provide. I'm wondering whether y'all have had previous inquiries from the PUC about your spreadsheet. Anyway any help you can provide us would be greatly appreciated.

----- Forwarded message -----

From: **Robyn Katz** <rkatz@lglawfirm.com>

Date: Wed, Apr 21, 2021, 2:33 PM

Subject: Docket No. 50788 Staff's 4th RFI

To: Joe Gimenez <1129jjg@gmail.com>

Cc: Mike Nelson <brownsandniners@aol.com>, Jamie Mauldin <jmauldin@lglawfirm.com>, Reid Barnes <rbarnes@lglawfirm.com>, Patricia Martinez <pmartinez@lglawfirm.com>, Jessica Shipley <jshipley@lglawfirm.com>

Good Afternoon, Joe and Mike,

My name is Robyn Katz, and I am Jamie's associate who is working on this case with her. It's great to "virtually" meet you both—hopefully we can meet in person sometime soon. In the meantime, I'm attaching Staff's 4th RFI to this email that we received yesterday. I'm also attaching the tracking sheet for you that has the calendared deadlines in there, as well as the Word document for your responses.

As an overview, the notable deadlines (others are included in the document) are as follows:

Identify Objections by 4/28, as they are due by 4/30.

Provide Responses to us at LG: 5/6, as they must be filed by 5/10.

Please let us know if you want us to help you with this, and, if so, what we can do to assist. Do you want me to set up a time for a conference call later this week or early next week to talk about any issues?

ROBYN F. KATZ



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****ATTENTION TO PUBLIC OFFICIALS AND OFFICIALS WITH OTHER INSTITUTIONS SUBJECT TO THE OPEN MEETINGS ACT ****

A "REPLY TO ALL" OF THIS EMAIL COULD LEAD TO VIOLATIONS OF THE TEXAS OPEN MEETINGS ACT. PLEASE REPLY ONLY TO LEGAL COUNSEL.




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3 attachments

-  **50788 WOWSC_s Response to Staff_s Fourth RFI (Shell).DOCX**
27K
-  **50788 Staff_s Fourth RFIs to Windermere AIS Final.pdf**
124K
-  **Staff_s 4th RFI Tracking Sheet (form).DOCX**
13K

Trent Hightower <Trent.Hightower@trwa.org>

Thu, Apr 22, 2021 at 10:59 AM

To: Joe Gimenez <1129jgg@gmail.com>

Cc: Larry Bell <larry.bell@trwa.org>, Paul King <paul.king@trwa.org>, James Smith <james.smith@trwa.org>

Hi Joe,

I'm forwarding this to Larry, Paul, and James because I think they'll be better suited to answer your questions. Guys, can yall help Joe out? Thanks!

Trent Hightower

Assistant General Counsel

Texas Rural Water Association

1616 Rio Grande | Austin, Texas 78701

Phone: (512) 472-8591, x106

Cell: (512) 923-5850

Fax: (512) 472-5186

www.trwa.org

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3 attachments

 **50788 WOWSC_s Response to Staff_s Fourth RFI (Shell).DOCX**
27K

 **50788 Staff_s Fourth RFIs to Windermere AIS Final.pdf**
124K

 **Staff_s 4th RFI Tracking Sheet (form).DOCX**
13K

Joe Gimenez <1129jgg@gmail.com>

Fri, Apr 23, 2021 at 10:21 AM

To: George Burris <watermgmt@yahoo.com>, WOWSC billing <windmerewater@gmail.com>

Cc: Mike Nelson <brownsandniners@aol.com>

Good morning George and Lori,

The Public Utilities Commission Staff is asking Windermere Oaks for additional information related to the rate appeal filed by Patti Flunker and Josie Fuller.

Specifically, in the attached document, you will see inquiries for gallon usage and other measures for the year in question, **2019**. Namely, they are questions 4-6, 4-7 and 4-8.

Could you all help us get that data from 2019?

thanks,
Joe

 **50788 WOWSC_s Response to Staff_s Fourth RFI (Shell).DOCX**
27K

WOWSC billing <windmerewater@gmail.com>

Fri, Apr 23, 2021 at 11:58 AM

To: Joe Gimenez <1129jgg@gmail.com>, GEORGE BURRISS <watermgmt@yahoo.com>

I am sorry, but I am in Austin. I needed to drive my mom to see my dad.

My dad is at Encompass Health Rehabilitation Center on Ben White. He has COPD and he is having congestive heart failure. He fell at the house and broke his L5.

I should be home later today and will pull that information together if that will work for you?

VR,
Lori

[Quoted text hidden]

Joe Gimenez <1129jgg@gmail.com>

Fri, Apr 23, 2021 at 12:11 PM

To: WOWSC billing <windmerewater@gmail.com>

Cc: GEORGE BURRISS <watermgmt@yahoo.com>

Oh my, so sorry to hear about your Dad.

We don't need to deal with this PUC request until next week. So please don't worry about this until you are able.

prayers...

Joe

[Quoted text hidden]

brownsandniners@aol.com <brownsandniners@aol.com>

Wed, Apr 28, 2021 at 1:04 PM

Reply-To: brownsandniners@aol.com

To: "1129jig@gmail.com" <1129jig@gmail.com>, "watermgmt@yahoo.com" <watermgmt@yahoo.com>, "windermerewater@gmail.com" <windermerewater@gmail.com>, brownsandniners@aol.com

Hello George and Lori,

Have you been able to work on PUC staff's questions 4-6, 4-7, and 4-8 (see pages 8, 9, 10 of attached Word file)? The test year was Y2019.

Thanks,
Mike

[Quoted text hidden]



50788 WOWSC_s Response to Staff_s Fourth RFI (Shell).DOCX

27K

Joe Gimenez <1129jig@gmail.com>

Mon, May 3, 2021 at 12:36 PM

To: WOWSC billing <windermerewater@gmail.com>

Cc: George Burris <watermgmt@yahoo.com>

Lori,

I hope your father is doing as well as can be expected.

I need to follow up on the email below because our deadline for submission to the PUC is fast approaching. I have a 2 p.m. phone call for me today to update the lawyers on this information.

Have you had the chance to work on it?

Thanks,
Joe

----- Forwarded message -----

From: **Joe Gimenez** <1129jig@gmail.com>

Date: Fri, Apr 23, 2021 at 10:21 AM

Subject: Fwd: PUC RFI

To: George Burris <watermgmt@yahoo.com>, WOWSC billing <windermerewater@gmail.com>

Cc: Mike Nelson <brownsandniners@aol.com>

[Quoted text hidden]



50788 WOWSC_s Response to Staff_s Fourth RFI (Shell).DOCX

27K

WOWSC billing <windermerewater@gmail.com>

Mon, May 3, 2021 at 1:58 PM

To: Joe Gimenez <1129jig@gmail.com>

I have been running around like a crazy horse. My dad came home Saturday, but we had to call ems and take him to Burnet hospital. Then they have transferred him to St David's South Hospital in Austin. I am sitting here with my mom waiting to see what's happening.

[Quoted text hidden]

WOWSC billing <windermerewater@gmail.com>

Tue, May 4, 2021 at 9:10 AM

To: Joe Gimenez <1129jgg@gmail.com>

I am sorry that this took me this long.

The past three weeks have been hard on me, but I should not have slacked in my responsibilities.

The Staff 4-6 question is attached in excel format.

Staff 4-7 total gallonage used is 12,930,390

Staff 4-8 total number of meters - 271 water and 245 sewage

VR,

Lori

[Quoted text hidden]

--

Please see attached

Have a wonderful day!

Sincerely,

Lori Lynn Cantrell

WOWSC Billing Department

(830)598-7511x1



Staff 4-6.xlsx

13K

WOWSC billing <windermerewater@gmail.com>

Tue, May 4, 2021 at 9:13 AM

To: Joe Gimenez <1129jgg@gmail.com>

I forwarded to George and Mike as well

[Quoted text hidden]

Joe Gimenez <1129jgg@gmail.com>

Tue, May 4, 2021 at 9:38 AM

To: WOWSC billing <windermerewater@gmail.com>

Thank you Lori.

In my opinion you did right -- your father's care takes precedence.

Prayers are being said for you all.

best regards,

Joe

On Tue, May 4, 2021 at 9:10 AM WOWSC billing <windermerewater@gmail.com> wrote:

[Quoted text hidden]

Joe Gimenez <1129jgg@gmail.com>

Tue, May 4, 2021 at 9:40 AM

To: Robyn Katz <rkatz@lglawfirm.com>, Reid Barnes <rbarnes@lglawfirm.com>, Jamie Mauldin <jmauldin@lglawfirm.com>, Mike Nelson <brownsandniners@aol.com>, "Taylor P. Denison" <tdenison@lglawfirm.com>

Hi Everyone,

Here are responses to staff 4-6, 4-7 and 4-8.

best regards,

Joe

----- Forwarded message -----

From: **WOWSC billing** <windermerewater@gmail.com>

Date: Tue, May 4, 2021 at 9:10 AM

Subject: Re: PUC RFI

To: Joe Gimenez <1129jgg@gmail.com>

[Quoted text hidden]

 **Staff 4-6.xlsx**
13K

Jamie Mauldin <jmauldin@lglawfirm.com>

Tue, May 4, 2021 at 9:42 AM

To: Joe Gimenez <1129jgg@gmail.com>, Robyn Katz <rkatz@lglawfirm.com>, Reid Barnes <rbarnes@lglawfirm.com>, Mike Nelson <brownsandniners@aol.com>, "Taylor P. Denison" <tdenison@lglawfirm.com>

Thank you!



JAMIE L. MAULDIN

Principal

512-322-5890 Direct

512-771-5232 Cell

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****ATTENTION TO PUBLIC OFFICIALS AND OFFICIALS WITH OTHER INSTITUTIONS SUBJECT TO THE OPEN MEETINGS ACT ****

A "REPLY TO ALL" OF THIS EMAIL COULD LEAD TO VIOLATIONS OF THE TEXAS OPEN MEETINGS ACT. PLEASE REPLY ONLY TO LEGAL COUNSEL.

[Quoted text hidden]

Joe Gimenez <1129jgg@gmail.com>

Tue, May 4, 2021 at 9:47 AM

To: Jamie Mauldin <jmauldin@lglawfirm.com>

Cc: Robyn Katz <rkatz@lglawfirm.com>, Reid Barnes <rbarnes@lglawfirm.com>, Mike Nelson <brownsandniners@aol.com>, "Taylor P. Denison" <tdenison@lglawfirm.com>

Jamie,

I want you to know that the gallon usage numbers are a bit inflated from the perspective that the wsc in 2019 was using treated water for various processes and was the single largest consumer of water in the system. In other words, the water company was incurring losses because it was using treated water and 'eating' the costs for that water in other processes. That is why the WOWSC's commitment of \$34,000 in funds (in 2019) for receipt of a \$14,000 matching grant from the LCRA in 2019 was so important to the WSC. The company's monthly treated water consumption has been dramatically reduced in late 2020 and more savings have been realized in 2021.

jg

[Quoted text hidden]

Jamie Mauldin <jmauldin@lglawfirm.com>

Tue, May 4, 2021 at 9:51 AM

To: Joe Gimenez <1129jgg@gmail.com>

Thanks, Joe.

[Quoted text hidden]



joe gimenez <1129jjg@gmail.com>

Staff Recommendations about TRWA Rate Analysis spreadsheet

2 messages

Joe Gimenez <1129jjg@gmail.com>

Wed, May 5, 2021 at 4:53 PM

To: Trent Hightower <Trent.Hightower@trwa.org>

Trent,

In hope that TRWA might consider its rate analysis tools as it might be used for other WSCs right now, please take a look at PUC staff's criticism in this link in WoWSCs case: https://interchange.puc.texas.gov/Documents/50788_107_1126030.PDF

Best regards,
Joe

Trent Hightower <Trent.Hightower@trwa.org>

Wed, May 5, 2021 at 4:56 PM

To: Joe Gimenez <1129jjg@gmail.com>

Cc: Larry Bell <larry.bell@trwa.org>, Paul King <paul.king@trwa.org>, William White <william.white@trwa.org>, James Smith <james.smith@trwa.org>

Thanks,

Joe – I'm sending this on to our Circuit Rider team since they're who generally utilize this tool. Thanks!

Trent Hightower

Assistant General Counsel

Texas Rural Water Association

1616 Rio Grande | Austin, Texas 78701

Phone: (512) 472-8591, x106

Cell: (512) 923-5850

Fax: (512) 472-5186

www.trwa.org

[Quoted text hidden]



joe.gimenez <1129jjg@gmail.com>

PUC Staff Recommends Disallowing Legal Fees in Windermere Oaks WSC Rate Case

2 messages

Joe Gimenez <1129jjg@gmail.com>

Mon, May 10, 2021 at 5:46 PM

To: Trent Hightower <Trent.Hightower@trwa.org>, "Lara N. Zent" <Lara.zent@trwa.org>

Good afternoon Lara and Trent,

I was speaking with Brian M about litigation matters for WOWSC (namely that the "Take Nothing" judgment against plaintiffs from last week changed the case) and I mentioned that PUC staff recommended disallowing all legal expenses for 2019. He said I should send that to you both.

Here is the link to staff testimony in our case, which was out last week. **M. Gilford testimony** is the truly objectionable instance, especially because she becomes judge and juror in the case which was mostly resolved in WOWSC favor last Monday.

106	5/5/2021	PUC LEGAL	S. English - Direct Testimony
107	5/5/2021	PUC LEGAL	S. Mendoza - Direct Testimony
108	5/5/2021	PUC LEGAL	H. Graham - Direct Testimony
109	5/5/2021	PUC LEGAL	M. Gilford - Direct Testimony

Fyi and best regards,
Joe Gimenez

Lara Zent <lara.zent@trwa.org>

Mon, May 10, 2021 at 5:46 PM

To: Joe Gimenez <1129jjg@gmail.com>, Trent Hightower <Trent.Hightower@trwa.org>

Joe,

Thanks for this update. I don't know where the PUCT thinks you're going to get the money to pay legal fees. Your only source of revenue is rates. Very odd. I'm sorry to hear that.

Best,

Lara

Lara Zent
Executive Director & General Counsel
Texas Rural Water Association

1616 Rio Grande
Austin, TX 78701
Phone: (512) 472-8591, x101
Fax: (512) 472-5186
Lara.Zent@trwa.org

www.trwa.org

-

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[Quoted text hidden]



joe.gimenez <1129jjg@gmail.com>

Windermere Oaks Response to Staff 3-1

1 message

Joe Gimenez <1129jjg@gmail.com>

Wed, May 12, 2021 at 1:19 PM

To: "James C. Smith, III" <James.Smith@trwa.org>, larry.bell@trwa.org

Hi James, Larry,

Just closing the loop, I did not write back to you all because our attorneys thought we had enough already for a response without further input from you all. Let us know if you feel otherwise after seeing the following:

Staff 3-1 Reference Mike Nelson's testimony, Attachment MN-2, Water Revenue and Rate Design. Provide the basis for the calculation used to determine the Budget/Cost of Service Item, Depreciation, in the amount of \$56,273.

RESPONSE: The basis for the calculation of \$56,273 for depreciation in the 2020 rate analysis was based on the Y2017 actual of \$55,908 Depreciation Reserve. See cell E195 in Attachment Staff 3-1. This amount was used in the Y2018 budget of \$56,000 (see cell H195 in the same worksheet), and was then carried into both the Y2019 & Y2020 budgets (\$56,000 both). The basis for the \$273 of the \$56,273 is not known.

WOWSC used the spreadsheet that it had developed in prior collaboration with the Texas Rural Water Association (TRWA) in 2017 for determination of a rate increase in 2018. Through discussion with TRWA, their spreadsheet used the generally accepted accounting practice of "Depreciation" for its rate analysis, in the manner preferred by the Texas Commission on Environmental Quality. The TCEQ was the oversight agency for water utilities when TRWA developed its rate analysis spreadsheet.

WOWSC treats this "depreciation" amount as a reserve for future capital expenditures related to aging infrastructure.

Prepared by: Joe Gimenez

Sponsored by: Joe Gimenez



joe gimenez <1129jgg@gmail.com>

Testimony rebuttal -- Patti assertions re waste water gallonage

1 message

Joe Gimenez <1129jgg@gmail.com>

Wed, May 12, 2021 at 1:24 PM

To: "James C. Smith, III" <James.Smith@trwa.org>

Cc: larry.bell@trwa.org

James,

In her testimony to the PUC, Patti Flunker makes the following assertions:

While working at TRWA I understood that the water rate study required the water system to determine how many gallons were pumped in one year and how many gallons of water were billed to the customers for the test year. This also includes number of connections typically and is for a 12-month period. The wastewater study requires the total number of gallons treated and is often calculated by using the wastewater customers average winter bill usage.

Q Did the 2020 WOWSC rate study which is the subject of this rate appeal include this formula?

A. No, the WOWSC did not include any number of gallons treated to determine their wastewater rate.

Q When you were employed at TRWA did the WOWSC do a wastewater study in 2018 which included total number of gallons treated to determine the wastewater rate?

A. Yes, please see attachment. 3

James, could you comment on Patti's assertions here, that WOWSC in 2020 did not include gallons treated? And also her assertion for the 2018 wastewater study?

thank you,
Joe



joe gimenez <1129jgg@gmail.com>

Testimony rebuttal -- Patti assertions re waste water gallonage

1 message

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Wed, May 12, 2021 at 1:24 PM

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Cc: larry.bell@trwa.org

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James, could you comment on Patti's assertions here, that WOWSC in 2020 did not include gallons treated? And also her assertion for the 2018 wastewater study?

thank you,
Joe



joe.gimenez <1129jjg@gmail.com>

Waste Water Study

3 messages

Joe Gimenez <1129jjg@gmail.com>

Wed, May 12, 2021 at 2:35 PM

To: "James C. Smith, III" <James.Smith@trwa.org>

Cc: larry.bell@trwa.org, George Burris <watermgmt@yahoo.com>, Mike Nelson <brownsandniners@aol.com>, Robyn Katz <rkatz@lglawfirm.com>

James,

The WOWSC is also being asked about whether in January 2020 we did two separate studies (one for water, one for waste water) to come up with the 2020 rates. Patti points to the 2018 rate case study which had two sheets, and were provided in the testimony from her brother Bill. (see attached).

In January 2020, when you visited with Mike, George and I at the WOWSC plant, did you perform two different analysis? Is there a second rate sheet that you did that you can provide us? I only seemed to have had one for the water, which I assumed, possibly mistakenly, included the waste water rates.

Let me know what you find in your records.

thank you
Joe

**Bill Stein Exhibits 1 and 2.pdf**

453K

James Smith <james.smith@trwa.org>

Fri, May 14, 2021 at 8:49 AM

To: Joe Gimenez <1129jjg@gmail.com>

Cc: Larry Bell <larry.bell@trwa.org>, George Burris <watermgmt@yahoo.com>, Mike Nelson <brownsandniners@aol.com>, Robyn Katz <rkatz@lglawfirm.com>

Mr. Gimenez,

I have looked back and cannot find anything in my records.

James Smith

Circuit Rider, Technical

Assistance Departmental

Texas Rural Water Association

1616 Rio Grande

Austin, TX. 78701

Office (512) 472-8591

Fax (512) 472-5186

Please note my email address has changed to:

James.Smith@trwa.org

www.trwa.org

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Thank you

[Quoted text hidden]

Joe Gimenez <1129jjg@gmail.com>

Fri, May 14, 2021 at 9:14 AM

To: James Smith <james.smith@trwa.org>

Cc: Larry Bell <larry.bell@trwa.org>, George Burris <watermgmt@yahoo.com>, Mike Nelson <brownsandniners@aol.com>, Robyn Katz <rkatz@lglawfirm.com>

James,

Ok, thanks for the look. We thought that was the case but we wanted to be sure. I appreciate your looking into it.

best regards,

Joe

[Quoted text hidden]

WATER REVENUE REQUIREMENT & RATE DESIGN

UTILITY:

This is the WOWSC 2018 water rate study

REVENUE REQUIREMENT
BUDGET/COST OF SERVICE ITEM

SALARIES
CONTRACT LABOR
CHEMICALS AND TREATMENT
UTILITIES
REPAIRS AND MAINTENANCE
OFFICE EXPENSES BILLING
ACCOUNTING & LEGAL
HEALTH INSURANCE
OFFICE SUPPLIES
TANK REPAIRS
BAD DEBT
PAYROLL TAXES
TELEPHONE
TRUCK & EQUIP. EXPENSE
TRAVEL & ENTERTAINMENT
EQUIPMENT RENTAL
INSURANCE - WC & LIABILITY
LICENSE & DUES
POSTAGE & FREIGHT
ADVERTISING
SAMPLING
EDUCATION
DEPRECIATION
MATERIALS & SUPPLIES
SECURITY
MISCELLANEOUS
LONG TERM DEBT
PURCHASED WATER
SLUG REMOVAL
BOOKKEEPING
SUB-TOTAL (LESS FIT & RETURN)
% OF TOTAL (FIXED + VARIABLE)
PRINC. & INTEREST - WATER
MAINTENANCE RESERVE*
LESS OTHER REVENUE

Exhibit 1

Item Cost	%	Fixed	%	Variable	
0	78	0		22	0
117,865	75	88,399		25	29,466
12,035	60	7,221		40	4,814
20,922	70	14,645		30	6,277
71,060	50	35,530		50	35,530
15,679	45	7,056		55	8,623
171,337	50	85,669		50	85,669
0	50	0		50	0
4,707	45	2,118		55	2,589
0	50	0		50	0
0	50	0		50	0
0	50	0		50	0
6,549	40	2,620		60	3,929
0	50	0		50	0
1,130	50	565		50	565
250	50	125		50	125
14,160	70	9,912		30	4,248
178	50	89		50	89
2,710	50	1,355		50	1,355
0	30	0		70	0
8,459	50	4,230		50	4,230
0	50	0		50	0
56,273	60	33,764		40	22,509
6,730	50	3,365		50	3,365
0	50	0		50	0
1,250	50	625		50	625
49,882	100	49,882		0	0
8,490	45	3,821		55	4,670
2,363	50	1,182		50	1,182
4,163	50	2,082		50	2,082
0	50	0		50	0
0	50	0		50	0
576,192		354,252		100	221,940
	63			37	
0		0.00			0.00
0		0.00			0.00
\$0		0.00			0.00
TOTAL		\$576,192		\$354,252	\$221,940

RATE CALCULATION

GALLONAGE CHARGE					
Variable Cost/Test Year Gallons/1,000 =====>			17.07 /TH.GAL.	USE ->	PROPOSED RATE \$3.55 /TH.GAL.
MINIMUM BILL					
Fixed Cost/12/Customer Equivalents =====>			116.68 /MO	YIELDS ->	\$174.59 /MO.
			116.68 /MO incl min gallons		174.59 /MO.
					inc. min. gall-
Avg Test-Yr Customer Equivalents =		253			
Gallons Included In Minimum Bill =		0			
Test Year Gallons Billed (x 1,000) =		13,000			

REVENUES GENERATED

Connection Size	# of Connections	Min Bill	Minimum Bill Including Gals	Rev /Month	Rev /Year
5/8", 3/4"	253	\$174.59	\$174.59	\$44,170	\$530,042
3/4"	0	\$261.88	\$ 261.88	\$0	\$0
1"	0	\$ 436.46	\$ 436.46	\$0	\$0
1-1/2"	0	\$ 872.93	\$ 872.93	\$0	\$0
2"	0	\$ 1,396.69	\$ 1,396.69	\$0	\$0
2-1/2"	0	\$ 1,396.69	\$ 1,396.69	\$0	\$0
3"	0	\$ 1,745.86	\$ 1,745.86	\$0	\$0
4"	0	\$ 4,364.64	\$ 4,364.64	\$0	\$0
6"	0	\$ 8,729.28	\$ 8,729.28	\$0	\$0
		TOTAL MINIMUM CHARGES=>			\$530,042
GALLONAGE CHARGES=>		13,000 @		\$3.55 /1,000 GAL	46,150
TOTAL REVENUE GENERATED=>					\$576,192

NOTES

2

UTILITY.

Date Referenced: 1-Jan-97

DEPRECIATION
ANALYSIS

Description	Acquired Date	Ver./Est. Original Cost	Economic Life, yrs	Actual Deprec Life	Annual Deprec	Accum Deprec	Net Plant
Land	1-Jun-79	0	n/a	n/a	n/a	n/a	0 00
Structures:							
Masonry	1-Jun-79	0	30	17.6	0.00	0.00	
Wood	1-Jan-01	0	15	-4.0	0.00	0.00	
Well	1-Jun-79	0	30	17.6	0.00	0.00	
Pumps							
Booster >=7HP	1-Jan-01	0	10	-4.0	0.00	0.00	
Booster <7HP	1-Jun-79	0	5	17.6	--	0.00	
Motor	1-May-94	0	3	2.7	0.00	0.00	
Well, <5l	1-Jan-01	0	5	-4.0	0.00	0.00	
Well, >5l	1-Jun-96	0	10	0.6	0.00	0.00	
Hypochlorinator	1-Aug-94	0	5	2.4	0.00	0.00	
Gas Chlorinator	1-Jan-01	0	10	-4.0	0.00	0.00	
Tanks:							
Pressure	1-Jun-79	0	50	17.6	0.00	0.00	
Ground	1-Jun-79	0	50	17.6	0.00	0.00	
Distrib. System	1-Jun-79	0	50	17.6	0.00	0.00	
Distrib. System	1-Jun-93	0	50	3.6	0.00	0.00	
Services	1-Jun-79	0	20	17.6	0.00	0.00	
Services	1-Jun-93	0	20	3.6	0.00	0.00	
Meters	1-Jun-79	0	20	17.6	0.00	0.00	
Meters	1-Jun-93	0	20	3.6	0.00	0.00	
Compressor	1-Jan-01	0	10	-4.0	0.00	0.00	
Electrical Controls	1-May-94	0	30	2.7	0.00	0.00	
Furniture/Fixtures	1-Jan-81	0	10	16.0	--	0.00	
Heavy Equipment	15-Feb-89	0	10	7.9	0.00	0.00	
Light Vehicles	15-Sep-87	0	5	9.3	--	0.00	
Shop Tools	1-Jan-81	0	15	16.0	--	0.00	
Computer/Software	1-Feb-95	0	5	1.9	0.00	0.00	
Fencing	1-Jun-79	0	30	17.6	0.00	0.00	
Total:		\$0			\$0	\$0	\$0

- - - - -

1999 WATER REVENUE CONT.		
Avg. Test-Yr Customer Equivalents =		2504
Gallons Included In Minimum Bill =		2,000
Test Year Gallons Pumped (x 1,000) =	NE	
Test Year Gallons Billed (x 1,000) =		150,239

REVENUES GENERATED

Connection Size	# of Connections	Minimum Bill			Rev /Year
		Min. Bill	Including G	Rev /Month	
5/8", 3/4"	2432	\$11 68	\$20 18	\$49,073	\$588,871
1"	0	\$ 19 50	\$ 28 00	\$0	\$0
1-1/2"	0	\$ 38 89	\$ 47 39	\$0	\$0
2"	1	\$ 62 24	\$ 70 74	\$71	\$849
2-1/2"	0	\$ 93 42	\$ 101 92	\$0	\$0
3"	0	\$ 116 78	\$ 125 28	\$0	\$0
4"	0	\$ 194 67	\$ 203 17	\$0	\$0
6"	2	\$ 389 22	\$ 397 72	\$795	\$9,545
		TOTAL MINIMUM CHARGES=>			\$599,266
GALLONAGE CHARGES=>		91,799 @	\$4 25	/1,000 GAL	390,147
					\$989,413

NOTES: NO DEPRECIATION, MAINTENANCE RESERVE INSTEAD
BASED ON BEGINNING CONNECTIONS =2376 AND ENDING CONNECTIONS = 2495, WHICH IS 5% GROWTH RATE
NET REVENUE GREATER THAN OR = 1 1 DEBT SERVICE?
NET REVENUE = \$587,510 12
1 1 DEBT SERVICE = \$585,511 30

WASTEWATER RATE CALCULATIONS

UTILITY:

REVENUE REQUIREMENT

BUDGET/COST OF SERVICE ITEM

	Item Cost	% Fixed	\$ Value Fixed	% Variable	\$ Value Variable	2015	2016	Average	
SALARIES	\$29,622.00	50	\$14,811.00	50	\$14,811.00	11,480	10,480	10,980	Water Sold (1,000 gal)
SALARIES OT			\$0.00	100	\$0.00				
UNIFORMS			\$0.00	100	\$0.00	7,000	7,000	7,000	Wastewater Treated (1,000 gal)
HOSPITAL/DENTAL INSURANCE	\$5,868.00	60	\$3,520.80	40	\$2,347.20			60.98%	66.79%
FICA			\$0.00	100	\$0.00				
RETIREMENT			\$0.00	100	\$0.00				
WORKER COMPENSATION			\$0.00	100	\$0.00				
UNEMPLOYMENT INSURANCE			\$0.00	100	\$0.00				
FUEL & LUBRICANTS			\$0.00	100	\$0.00				
CHEMICALS	\$661.00	70	\$462.70	30	\$198.30				
OPERATIONAL SUPPLIES	\$542.00	70	\$379.40	30	\$162.60				
MAINTENANCE SEWER PLANT			\$0.00	100	\$0.00				
MAINTENANCE SEWER LINES	\$17,314.00	80	\$13,851.20	20	\$3,462.80				
MAINTENANCE IRRIGATION	\$822.00	70	\$575.40	30	\$246.60				
MAINTENANCE VEHICALS	\$4,233.00	70	\$2,963.10	30	\$1,269.90				
MAINTENANCE EQUIPMENT	\$175.00	80	\$140.00	20	\$35.00				
MEETING/MILEAGE			\$0.00	100	\$0.00				
SCHOOLS/SIMINARS	\$822.00	70	\$575.40	30	\$246.60				
INSURANCE & BONDS			\$0.00	100	\$0.00				
PROFESSIONAL SERVICES	\$11,486.00	70	\$8,040.20	30	\$3,445.80				
TELEPHONE/PAGER	\$1,970.00	60	\$1,182.00	40	\$788.00				
UTILITIES	\$4,531.00	70	\$3,171.70	30	\$1,359.30				
STATE INSPECTION FEE			\$0.00	100	\$0.00				
LABORATORY FEES	\$3,911.00	80	\$3,128.80	20	\$782.20				
LCRA COMPOSTING EXP	\$568.00	50	\$284.00	50	\$284.00				
MISCELLANEOUS	\$3,299.00	60	\$1,979.40	40	\$1,319.60				
TRANSFER TO DEBT SERVICE			\$0.00	100	\$0.00				
USDA RD RUS LOAN PAYMENT	\$49,892.00	100	\$49,892.00	0	\$0.00				
CIP			\$0.00	100	\$0.00				
			\$0.00	100	\$0.00				
			\$0.00	100	\$0.00				
			\$0.00	100	\$0.00				
			\$0.00	100	\$0.00				
SUB-TOTAL			\$104,957.10	100	\$30,758.90				
% OF TOTAL (FIXED + VARIABLE)		68		32					
MAINTENANCE RESERVE*			\$0.00		\$0.00				
LESS OTHER REVENUE	\$0.00		\$0.00		\$0.00				
TOTAL	\$135,716.00		\$104,957.10		\$30,758.90				

Use average and per cent
for gallonage of WW billed

RATE CALCULATION

GALLONAGE CHARGE					
Variable Cost/Test Year Gallons/1,000 =====>			\$3 94 /TH GAL	USE ->	PROPOSED RATE \$2.50 /TH.GAL.
MINIMUM BILL					
Fixed Cost/12/Customer Equivalents =====>			\$40 12 /MO.	YIELDS ->	\$44.43 /MO.
Avg Test-Yr Customer Equivalents =		218			
Gallons Included In Minimum Bill =		2,000			
Test Year Gallons Billed (x 1,000) =		7,800			

REVENUES GENERATED

Connection Size	# of Connections	Min Bill	Rev /Month	Rev /Year
	218	\$44 43	\$0 00	\$0 00

		TOTAL MINIMUM CHARGES=>		\$0 00
GALLONAGE CHARGES=>		7,800 @	\$2 50 /1,000 GAL	\$19,500 00
TOTAL REVENUE GENERATED=>				\$19,500 00

NOTES



joe gimenez <1129jjg@gmail.com>

Fw: SWP Plan

2 messages

George Burriss <watermgmt@yahoo.com>
To: Joe Gimenez <1129jjg@gmail.com>

Mon, Aug 9, 2021 at 2:34 PM

Joe,

Here is the Source Water Protection Plan, which was prepared for us by Deborah McMullan with TRWA.

George

----- Forwarded Message -----

From: Deborah McMullan <deborah.mcmullan@trwa.org>
To: watermgmt@yahoo.com <watermgmt@yahoo.com>
Sent: Monday, August 9, 2021, 11:58:16 AM CDT
Subject: SWP Plan

Let me know if you need anything else.

Regards,

Deborah McMullan

Source Water Protection Specialist

Texas Rural Water Association

1616 Rio Grande, Austin, TX 78701

Phone: 512-472-8591

Cell: 512-923-5842

www.trwa.org

Deborah.McMullan@TRWA.org

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 **WINDERMERE OAKS WSC - FINAL 2021.pdf**
999K

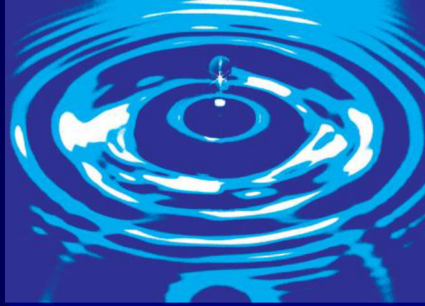
Joe Gimenez <1129jjg@gmail.com>
To: George Burriss <watermgmt@yahoo.com>

Mon, Aug 9, 2021 at 4:33 PM

thank you George

[Quoted text hidden]

**USDA/FSA
SOURCE WATER
PROTECTION**



2021-2022



**Windermere Oaks
Water Supply Corporation**
PWS ID 0270035



**Texas Rural Water Association
1616 Rio Grande
Austin, Texas 78701-1122**



USDA/FSA SOURCE WATER PROTECTION PLAN

Prepared by:
Deborah McMullan
USDA/FSA Source Water Protection Specialist

This project was funded in part by the United States Department of Agriculture/Farm Service Agency (USDA/FSA), through National Rural Water Association (NRWA) and completed by Texas Rural Water Association (TRWA). This report has been reviewed by the Texas Commission on Environmental Quality (TCEQ) and is approved for purposes of the Drinking Water State Revolving Fund



Chris Boyd, President
Lara Zent, Executive Director
Jason Knobloch, Environmental Services Director
Deborah McMullan, USDA/FSA Source Water Protection Specialist

Disclaimer

This report was completed in compliance with the USDA Water Protection Grant Program procedures. This report includes information gathered by Texas Rural Water Association ("TRWA") from the files and reports of various agencies and utilities, including but not limited to the Texas Commission on Environmental Quality and the Texas Water Development Board. TRWA has compiled this information for the purposes of making the same available in a convenient, usable format for communities that are in the process of developing source water supply protection strategies. TRWA relied on readily available informational resources to complete major sections of this report, and TRWA is not therefore responsible for any errors, omissions, or inconsistencies in said information. This report is provided with the understanding that TRWA is not engaged in rendering legal, accounting, engineering, or other professional service.

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1616 Rio Grande
Austin, Texas 78701-1122

Review and Update Annually

Date Reviewed	Reviewer	Changes or Comments



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PROCLAMATION



Jamestown, Va. (1610)

Since the beginning of civilization communities have always needed to find a safe, clean supply of water. People have always used surface water because it was easy to obtain. However, surface water was often polluted or unavailable; in this case they dug wells. One of the earliest protections for water wells in the Americas was by Governor Gage of Virginia in 1610, he said:

"There shall be no man or woman dare to wash any unclean linen, wash clothes,...nor rinse or make clean any kettle, pot, or pan or any suchlike vessel within twenty feet of the old well or new pump. Nor shall anyone aforesaid, within less than a quarter mile of the fort, dare to do the necessities of nature, since by these unmanly, slothful, and loathsome immodesties, the whole fort may be choked and poisoned."

--Governor Gage of Virginia, Proclamation for Jamestown, Va.
(1610)

Until the 1970s groundwater was thought to be naturally protected from contaminants because the layers of soil and rocks would act like a filter and remove and trap the contaminants before they could reach the groundwater. This is when many people began to realize that their actions affect the environment and ultimately their health and well being. This is the period when many environmental laws were passed at the federal, state and local levels.

INTRODUCTION TO SOURCE WATER PROTECTION PROGRAM

Acknowledgments

Texas Rural Water Association (TRWA) would like to extend special thanks to the staff Windermere Oaks WSC who voluntarily participated in this venture by being very concerned and pro-active about their public water system. Also, thanks to the Texas Commission on Environmental Quality's Source Water Assessment and Protection Program (SWAP) and the USDA/FSA for making this project a success.

Special thank you goes to several individuals that graciously donated their time and knowledge. Those include:

Sean Ables, TCEQ Geologist, Drinking Water Protection
Mason Miller, TCEQ Drinking Water Protection
Jeffery Dudensing, USDA/FSA

Source Water Protection Plan Steering Committee

George Burriss, General Manager provided background information about Windermere Oaks Water Supply Corporation and assisted in the development of protection strategies. Therefore, a special thank you goes to George.

Research and Writing:

Deborah McMullan, Source Water Protection Specialist – Texas Rural Water Association (TRWA)

Primary Contacts

George Burriss, General Manager

Tel: 830-613-8137

watermgmt@yahoo.com

Deborah McMullan, Source Water Protection Specialist – Texas Rural Water Assoc.

Tel: 512-923-5842

Email: Deborah.mcmullan@trwa.org

1616 Rio Grande

Austin, TX 78701

BACKGROUND

The Source Water Protection Program is designed to assist public water systems with protecting sources of drink water (aquifers, rivers, streams, and lakes) from contamination. Whether a public water system relies on surface water, groundwater, or a combination of the two, protection of a water system's source is important. If the source becomes contaminated, threats to public health are increased. In addition, expensive treatment, replacement, or relocation of the water supply may be required. Treatment or relocation costs are passed on to every user served by the public water system and local property values may be at risk. **Water is a limited resource.** If a source becomes contaminated, there may not be another source available that can be developed. Therefore, protection of existing sources of water is a prudent way to protect public health and keep treatment costs to a minimum.

The Source Water Protection Program is created in two phases. The first phase of the program was conducted by the Texas Rural Water Association (TRWA) and includes delineating the protection area, identifying the known potential sources of contamination (PSOC's) in that area, and determining the susceptibility of the source water to contamination. The second phase is developing a protection plan and training of a local source water protection Steering Committee. This effort is led by the public water system with assistance from other stakeholders and is the subject of this report.

This report describes a cooperative venture between the Windermere Water Supply Corporation, the Texas Rural Water Association (TRWA), the United States Department of Agriculture/Farm Service Agency (USDA/FSA), and the Texas Commission on Environmental Quality (TCEQ). Funding for this project was made possible through grant monies from the USDA Headquarters in Washington D.C.

SOURCE WATER PROTECTION (SWP) PROGRAM

The SWP program is designed for every public water system to take an active role in maintaining their drinking water quality by preventing the pollution of groundwater, lakes, rivers, and streams which may be used for public drinking water.

The main areas we would like to focus on in the SWP project are as follows:

- Public Education
- Steering Committee (Stakeholders)
- Best Management Practices

The SWP program encourages that communities voluntarily participating, promote their SWP program by increasing the public's awareness of potentially hazardous activities and how they affect our drinking water. Through **public education** and the designation of a **steering committee**, our public water systems can be protected for generations to come.

The single most important factor contributing to the success of any source water protection effort is the **Steering Committee**. The committee is comprised of key stakeholders in the Windermere Oaks WSC's community, and their role is to provide continuity between the written plan and its implementation within each stakeholder's area of responsibility. It is recognized that public water systems have limited time and resources at their disposal to protect their water supply. Therefore, the protection strategies for source water protection are developed by the public water system in cooperation with the counties and municipalities in which the wellhead protection area is located as well as with local citizens. Solicitation of the local government and citizens can assist in distributing responsibilities.

Best Management Practices (BMP's) – These are practices determined to be the most efficient, practical, and cost-effective measures identified to guide a particular activity based upon the results of a PSOC inventory. Cities may elect to pass ordinances governing their Source Water Protection Area (SWPA) if they currently do not have applicable provisions. Examples may include zoning ordinances and subdivision controls, construction and operating standards, health regulations (such as storage tanks, and septic tank requirements), permitting and inspections.

Although cities are the only political subdivisions that can enact ordinances, all water systems can adopt and implement **A Hazardous Spill Contingency Plan**. These plans help determine a water system's course of action in the event of a spill or accident. A copy of this plan can be found beginning on Page 31.

Your community may also participate in the following TCEQ programs designed to provide you with additional ideas and tools for your continued SWP project.

Household Hazardous Waste Collection Program – TCEQ developed a household hazardous waste collection and waste management program to provide communities with technical assistance on organizing collections and education about alternative products. Household hazardous wastes are regulated under Texas Household Hazardous Waste rules (Texas Administrative Code, Title 30, Chapter 334, Subchapter N). For more information on the Household Hazardous Collection Program visit the TCEQ website.

Texas Country Cleanup Program – The Texas Country Cleanup Program offers rural residents a disposal outlet for properly rinsed pesticide containers. In 1994, the program was expanded to include waste oil, oil filters, tires, and automotive batteries. For more information on the Texas Country Cleanup Program visit the TCEQ website.

Agricultural Waste Pesticide Collection – TCEQ, in cooperation with the Texas Agricultural Extension Service and Texas Department of Agriculture, organizes regional waste pesticide collections for agricultural producers who apply pesticides. This is an opportunity to dispose of unwanted product that may pose a hazard to agriculture producers, their families and their surrounding farming and ranching community at no expense and with no questions asked. For more information on the Agricultural Waste Pesticide Collection visit the TCEQ website. All programs have been instrumental in collecting and removing hazardous substances from sensitive regions of the state.

BASICS OF POTENTIAL SOURCES OF CONTAMINATION AND TERMINOLOGY

Nonpoint Source: contaminants are potential pollutants that can originate from multiple points and cannot be traced back to a specific location and are usually distributed over large areas. Example: the draining of pesticides from lawns after a rainfall. Nonpoint sources are minimized by changes in land practice (for example, reduced pesticide applications) and/or implementation of best management practices.

Point Source: contaminants are those that originate at a single location and can be either short-term releases (for example, spills) or long-term releases (for example, slow leaks) and can be traced back to a specific point. Example: gasoline leaking from an underground storage tank at a gas station. However, point sources that have gone unnoticed for a long period can result in widespread contamination of an aquifer as the pollutant moves with the groundwater. Point sources can be mitigated by elimination of the problem (for example, fixing a leak) or appropriate treatment before discharge.

Contaminant Occurrence: TCEQ assembled numerous databases to determine if the occurrence of contaminants in the water is due to natural conditions in the watershed.

TCEQ provides a website designed to help you find tools, forms, and guidance via the Internet. For additional help with your continued source water protection program visit the TCEQ website.

Volatile Organic Compounds (VOCs)?

Volatile Organic Compounds (VOC's) are a group of commonly used chemicals that evaporate, or volatilize, when exposed to air. Since they dissolve many other substances, VOCs are widely used as cleaning and liquefying agents in fuels, degreasers, polishes, cosmetics, drugs, and dry-cleaning solutions.

VOCs are found at airports, and service stations; machine, print and paint shops; electronics and chemical plants, dry cleaning establishments, and in household products.

Some common VOCs are trichloroethylene (TCE), tetrachloroethylene (also called perchloroethylene which is dry cleaning fluid), trichloroethane, benzene, toluene, and xylenes.

How do VOC's contaminate ground and surface waters?

When VOCs are spilled or dumped, a portion will evaporate, but some usually soaks into the ground. In soil the VOCs can be carried deeper with percolating rainwater or melting snow. If they reach the water table, they can persist for years because the cool,

dark, low-bacteria environment does not promote decomposition. If the VOCs in the groundwater migrate to nearby wells, they can end up in someone's drinking water.

VOCs can reach surface waters via runoff after a rain event.

What makes a well vulnerable to VOC contamination?

One factor is the distance between the well/surface water and the source or sources of contamination. Many of the VOC-contaminated wells are located near industrial or commercial areas, gas stations, landfills, or railroad tracks.

Second factor is the amount of VOC which has been dumped or spilled. Often VOC contamination is caused by local spills or dumping and is confined to a rather small geographical area (although there may often be more than one suspected source of VOCs in the area). When a large quantity of contaminant is released, as sometimes occurs with industrial spills or leaking underground storage tanks, a larger geographical area can be affected.

A third factor is the depth of the well casing. Since contaminants are seeping from the ground surface, a shallow well will be affected sooner than a deeper well.

A fourth factor is the local geology. Areas with highly porous or "thin" soil and shallow depths to groundwater are most vulnerable. On the other hand, areas with thick layers of certain types of soil can absorb and significantly slow down the movement of some contaminants. This is particularly important because many organic chemicals can be broken down by soil bacteria if they are held near the ground surface long enough for the bacteria to work.

A fifth factor is time. Groundwater typically moves very slowly, and it can sometimes take years for a spill to reach nearby wells. The time and distance contaminants must travel are extremely important because many wells which presently show no contaminants may eventually become contaminated by spills which have already occurred. In other words, we will not know the full impacts to the contamination we have already caused for many years to come. Therefore we cannot be complacent and must continue to test our water supplies.

Synthetic Organic Contaminants (SOC's): Synthetic Organic Contaminants (SOC's) are basically manmade elements which include pesticides and herbicides, these chemicals can enter source water through runoff or leaching. Drinking water standards have been established to protect against risk of adverse health effects.

Inorganic chemicals (IOCs): Include metals and minerals. Some of these have the potential to cause chronic health effects. For example, lead has the potential to cause stroke, kidney disease, and cancer from a lifetime exposure, especially at levels above the MCL.

Microbes - Coliform bacteria, Fecal Coliform and E Coli, Turbidity, Cryptosporidium, and Giardia Lamblia: presence of these bacteria in drinking water, is usually a result of a problem with the treatment system or the pipes which distribute water and indicates that the water may be contaminated with germs that can cause disease.

Radionuclide (Radiochemical): Alpha emitters, Beta/photon emitters, Combined Radium 226/228 and Radon: Certain minerals are radioactive and may emit a form of radiation known as alpha, beta/photon, Combined Radium 226/228 and Radon. This can occur naturally or because of oil and gas production or mining. Some people who drink water containing these substances over many years may have an increased risk of cancer. Note that these gases can dissolve and accumulate in underground water sources such as wells and in the air in your home. Radon in air can be more "dangerous" than radon in water.

Disinfection Byproducts (DBP) Total Trihalomethanes (THM's) and Halo acetic Acids (HAA's): Are chemicals by-products that are formed when water is treated with chlorine. They are also referred to as disinfection by-products or DBP's. Many organic chemicals can cause cancer if consumed at levels greater than the maximum contaminant level (MCL) for many years.

Sources of Drinking Water Contamination And Water Quality Degradation

Drinking Water Quality Problems that Originate on the Land Surface

- Infiltration of polluted surface water
- Land disposal of either solid or liquid wastes
- Stockpiles
- Dumps
- Disposal of sewage and water treatment plant sludge
- De-icing salt usage and storage
- Animal feedlots
- Fertilizers and pesticides
- Accidental spills
- Particulate matter from airborne sources
- Grain storage bins and silos (including rice dryers)
- Industrial activities
- Aboveground storage tanks
- Urban runoff

Drinking Water Quality Problems that Originate in the Ground Above the Water Table

- Septic tanks, cesspools, and privies
- Holding ponds and lagoons
- Sanitary landfills
- Waste disposal in excavations
- Leakage from underground storage tanks
- Leakage from underground pipelines
- Artificial recharge
- Sumps and dry wells
- Graveyards

Drinking Water Quality Problems that Originate in the Ground Below the Water Table

- Waste disposal in well excavations
- Drainage wells and canals
- Well disposal of wastes
- Underground storage

- Secondary recovery
- Mines
- Exploratory wells
- Abandoned wells
- Active water wells
- Groundwater development

DEFINITION AND FACTORS OF HYDROGEOLOGY

Hydrogeology is the area of geology that deals with the distribution of ground water in the soil and rocks of the Earth's crust commonly known as aquifers. Groundwater does not always flow in the subsurface down-hill following the surface topography; groundwater follows pressure gradients (flow from high pressure gradients to low) often following fractures and conduits in circuitous paths.

Hydrogeology Factors:

Storm Water Runoff: Water that originates during precipitation events. It may also be used to apply to water that originates with snowmelt that enters the stormwater system. Stormwater that does not soak into the ground becomes surface runoff, which either flows directly into surface waterways or is channeled into storm sewers, which eventually discharge to surface waters.

Surface Runoff: Water flow that occurs when the soil is infiltrated to full capacity and excess water from rain, meltwater or other sources flows over the land.

Surface Water: Lakes, reservoirs and/or rivers in which water may be obtained for human consumption.

Total Watershed Area: the entire watershed upstream from the PWS intake on a stream or the entire watershed for the reservoir/river on which the PWS intake is located.

Contributing Watershed Area: the watershed for the reservoir on which the surface water intake is located or the watershed upstream of a surface water intake located on a stream excluding all non-PWS reservoirs/streams with normal storage capacity greater than 1000-acre feet.

Riparian Zone or Riparian Area: the interface between land and a river or stream. Plant habitats and communities along the river margins and banks are called riparian vegetation, characterized by hydrophilic plants. Riparian zones are significant in ecology, environmental management, and civil engineering because of their role in soil conservation, their habitat biodiversity, and the influence they have on fauna and aquatic ecosystems, including grassland, woodland, wetland or even non-vegetative.

WINDERMERE OAKS WSC AND THE LAKE TRAVIS/COLORADO RIVER

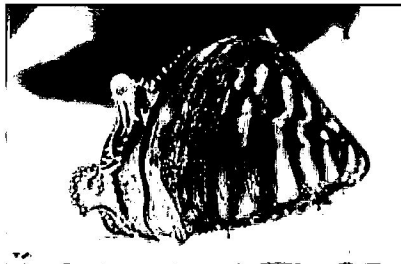
The Windermere Oaks WSC uses surface water from Lake Travis to provide all drinking water needs for the citizens within the Windermere Oaks subdivision.

Lake Travis is not a natural lake, in fact, it is a reservoir. The lake was created when the Lower Colorado River Authority (LCRA) constructed Mansfield Dam. The massive structure is 26 stories high and 7,000 feet long. It was built to control the floodwaters of the 600 miles of the Colorado River that comprise the LCRA's service area. Construction of the dam began in 1938. Four years later the dam was completed, and Lake Travis became official in 1942. The cost of the project of \$28.7 million dollars.

This large water mass is quite impressive. It is 63.75 miles in length, 4.50 miles wide, encompasses 271 miles of shoreline and covers 18,929 acres. It is capable of storing over 626 billion gallons of water.

Besides being used for flood control and as a public water supply, the lake is also used for electrical power generation and recreation.

Zebra Mussels



In August of 2017 it was discovered that the lake was invested with Zebra Mussels. These are small, destructive invasive freshwater mussel that can be transported from waterway to waterway by boats and trailers.

They pose an economic and environmental danger by attaching themselves to hard surfaces and clogging infrastructure such as water intakes thus reducing the flow and causing millions of dollars in repair and manhours. Their presence can affect the taste and odor of drinking water. Some water systems have begun to feed low dosage of liquid copper sulfate pentahydrate to kill off any Zebra Mussels in the pipes and deter others from attaching to the water treatment infrastructure. This, however, is an expensive control method and can affect other aquatic species in or near the water intakes.

WINDERMERE OAKS WSC SYSTEM INFORMATION

Windermere Oaks WSC is a community water system that serves a total of 281 retail water service and wastewater connections, with a population of approximately 440. The water system is composed of 1 surface water intake. The system's phone number is 830-613-8137.

Table 1 Identifies the System and basic information regarding each water source included in this project.

Source/Name	Water Body Name
S0270035A	Lake Travis

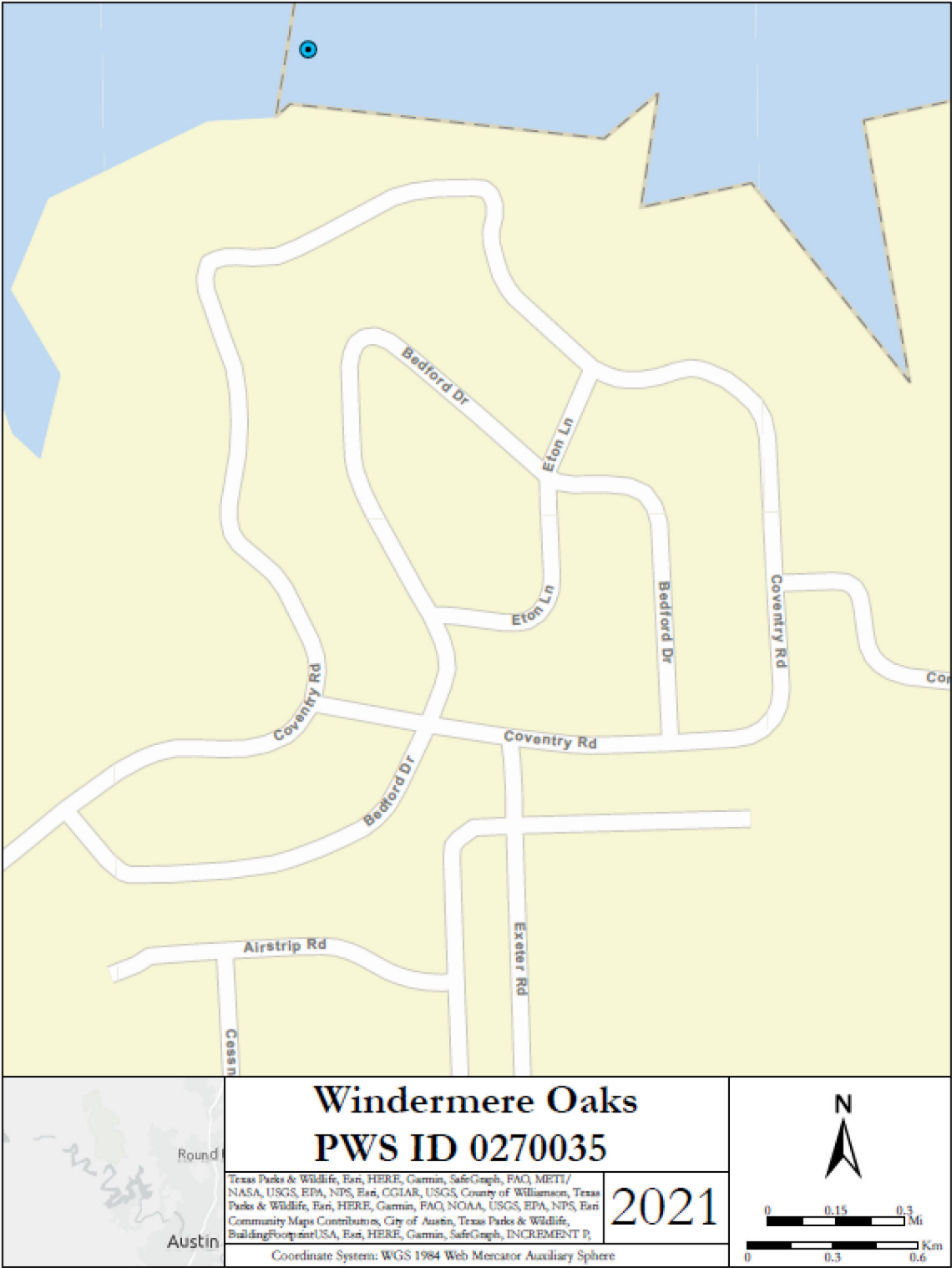
Source Water Protection Area

A source water protection area is the surface water contributing watershed that has the greatest influence on the drinking water supply. This is the priority focus area for protection of drinking water supplies. For surface water sources the focus area for source water protection efforts is termed the area of primary influence (API). In Texas source water protection areas are delineated by the TCEQ.

The following maps show the API (area of primary influence).

DISCLAIMER

THE FOLLOWING MAPS WERE MADE WITH DATA COLLECTED OR VERIFIED BY TRWA SOURCE WATER PROTECTION TEAM, USING GPS DATA. EVERY EFFORT HAS BEEN MADE TO INITIATE A THOROUGH SURVEY OF POTENTIAL SOURCE CONTAMINANTS (PSOCs) WITHIN THE WELL CAPTURE ZONE. THESE MAPS ARE A REPRESENTATION OF THE PSOCs BUT MAKES NO FINDINGS OF WHETHER ANY PSOCs IS, OR MAY BECOME AN ACTUAL SOURCE OF CONTAMINATION. TRWA IS NOT RESPONSIBLE FOR ANY ERROR, OMISSIONS, OR INCONSISTENCIES IN DATA OR IN DEPICTING THE FINDINGS. THIS INFORMATION IS PROVIDED WITH THE UNDERSTANDING THAT TRWA IS NOT ENGAGED IN RENDERING LEGAL, ACCOUNTING, ENGINEERING OR OTHER PROFESSIONAL OPINIONS OR SERVICES.



Inventory of Potential Sources of Contamination

The objectives of developing an inventory of potential sources of contamination (PSOC's) were to:

- Verify TCEQ database attributes including location coordinates, PSOC type, sub-type, and auxiliary information for existing and newly found PSOC'S; and
- Identify and document any new and/or additional PSOCs.

Existing PSOCs were evaluated for accuracy based on location (latitude/longitude coordinates), site name, address, PSOC type and subtype. New PSOCs were marked as "new PSOC found" in the database and new data were collected for each.

Results of Inventory

An assessment of the number of various types of potential sources of contamination (PSOCs) within each capture zone or API was conducted. This assessment revealed the following occurrence and frequencies:

Inventoried Fieldwork List

PSOC 's
Household Hazardous Waste
Pesticide, Fertilizer Applications
Septic Systems

Best Management Practices Implementation Plan

A necessary component to a useful protection plan is determining feasible Best Management Practices (BMPs) based on potential contaminants and establishing an implementation plan that is supported by the local community.

Targeted Best Management Practices

To address the identified, high frequency PSOC's the BMP's listed within the following discussion are suggested for further evaluation and possible implementation. This information provides suggested BMP's for each PSOC.

Household Hazardous Waste (HHW), Pharmaceuticals and Personal Care Products (PPCP'S)



Household hazardous waste (HHW) is a part of our everyday life, and these products are commonly discarded from homes along with other household waste. How does one know if a product is considered hazardous? To be hazardous the product must meet one of the following four criteria:

- Corrosive (damaging to living tissue)
- Ignitable (catches fire under certain conditions)
- Toxic (causing injury or death if eaten or swallowed)
- Reactive (capable of causing an explosions)

Batteries, drain openers, pesticides, household cleaners are just a few products on the household hazardous waste list. If these products are completely used up according to the directions, most household hazardous products provide benefits such as reducing cleaning time, disinfecting surfaces, and controlling pests without posing a threat to human health or the environment. However, if misused, stored, or disposed of improperly HHW can contaminate ground/surface water, injure homeowners or solid waste management personnel, and/or harm septic tank systems.

For instance, one gallon of used oil improperly poured on the ground has the potential to contaminate over one million gallons of drinking water. When chemicals are poured down a storm sewer, the vapors could collect and cause fires or explosions in the pipes. Under certain conditions, some aerosol cans may explode when compacted.

in a solid waste collection vehicle, and products such as pool chemicals can injure workers if they leak, spill, or mix with other incompatible chemicals.

Personal care products include cosmetics and cleaning products: lotions, sunscreens, shampoos, laundry detergent, nutritional supplements, and even veterinary medications. Some of these PPCP's have been causing disturbing changes to fish that live in our waters. In some streams, researchers are finding male fish with female sex characteristics and that female fish are starting to outnumber male fish. Some studies indicate that even small concentrations of PPCP's in the water may be harmful to aquatic life. At this time, no one knows for certain whether PPCP's in the water are harmful to humans. Researchers are exploring if the cumulative effects of long-term exposure can cause problems for humans.

Sources of PPCPs:

- Human activity (bathing, shaving, swimming)
- Illicit drugs (a less visible source)
- Veterinary drug use, especially antibiotics and steroids
- Agribusiness
- Residues from pharmaceutical manufacturing (well defined and controlled)
- Residues from hospitals

People contribute PPCPs to the environment when:

- Medication residues pass out of the body and into sewer systems,
- Externally applied drugs and personal care products are washed down the drain,
- Unused or expired medications are flushed or placed in the trash without being contained in a sealed container.

How do most people manage their HHW and PPCP's? Most people typically dispose of a HHW/PPCP's by throwing it into the trash, including lawn and garden chemicals, leftover paint, batteries, household cleaners and even drugs and medications. Therefore, public education on the proper way to dispose of HHW/PPCP's is paramount to any Source Water Protection Plan.

BMP's for Household Hazardous Waste and PPCP's:

The best way to do your part in preventing PPCP's from contaminating our source water is by following common sense and the Federal Guidelines for proper disposal of prescription drugs.

- ❖ Reduce the amount of personal care products used.
- ❖ Buy products that consist of natural ingredients and are biodegradable or unscented.
- ❖ Avoid products that are labeled as antibacterial, such as hand and bath soaps.
- ❖ **DO NOT FLUSH** prescription drugs down the toilet or drain unless the label or accompanying patient information specifically instructs you to do so. For information on drugs that should be flushed visit <http://www.fda.gov/Drugs/ResourcesForYou/Consumers/BuyingUsingMedicineSafely/EnsuringSafeUseofMedicine/SafeDisposalofMedicines/ucm186187.htm>.
- ❖ To dispose of prescription drugs not labeled to be flushed, you may be able to take advantage of community drug take-back programs or other programs, such as household hazardous waste collection events, that collect drugs at a central location for proper disposal.
- ❖ If a drug take-back or collection program is not available:

- Take your prescription drugs out of their original containers.
- Mix drugs with an undesirable substance, such as cat litter or used coffee grounds.
- Put the mixture into a disposable container with a lid, such as an empty margarine tub, or into a sealable bag.
- Conceal or remove any personal information, including Rx number, on the empty containers by covering it with black permanent marker or duct tape, or by scratching it off.
- Place the sealed container with the mixture and the empty drug container in the trash.

Likewise, the following are steps to prevent HHW from contaminating our source water.

- ❖ Do not dispose of household hazardous waste in the streets, gutters, storm drains or natural waterways.
- ❖ Properly dispose of household hazardous waste at a HHW collection center.
- ❖ Properly dispose of used motor oil at a used oil recycling center or at a HHW collection center.
- ❖ Clean paint brushes and tools covered with latex, water-based paint in sinks connected to sanitary sewers or in portable containers that can be dumped into a sink, toilet, or other drain that is plumbed to the sanitary sewer.
- ❖ Paint brushes and tools covered with non-water based or oil-based paint must be cleaned in a manner that enables collection of solvents (e.g., paint thinner, turpentine, etc.) for recycling or proper disposal.
- ❖ Clean up leaks and spills immediately.
- ❖ Utilize dry cleaning methods to clean up spills to minimize the use of water. Use a rag for small spills, a damp mop for general cleanup, and absorbent material for larger spills. Remember if the spilled material is hazardous the used cleanup materials are also hazardous and must be disposed of at a HHW collection center.
- ❖ Place a stockpile of spill cleanup materials where they will be readily accessible (e.g., near storage or workshop areas).
- ❖ Properly store and handle household chemicals.
- ❖ Store materials indoors or undercover to prevent exposure to rain or wind.
- ❖ Keep household chemicals in their original containers.
- ❖ Keep containers well labeled according to their contents (e.g., solvent, gasoline).
- ❖ Label hazardous substances regarding the potential hazard (corrosive, radioactive, flammable, explosive, poisonous).
- ❖ Reporting
- ❖ Report spills that pose an immediate threat to human health or the environment to local agencies or call 911.
- ❖ Federal regulations require that any oil spill into a water body or onto an adjoining shoreline be reported to the National Response Center (NRC) at 800-424-8802 with 24 hours of the spill.