

**CHARTER TOWNSHIP OF WHITE LAKE
ORDINANCE NO. 129
FEE ORDINANCE**

ARTICLE I – AMENDMENT

SECTION 5 – WATER SYSTEM (CHAPTER 38; ARTICLE II CODE OF ORDINANCE):

A. Water Rate:

Meter Size	Allowed Consumption*	Minimum Quarterly Charge
1.00 inch(or smaller)	1,100 cubic feet	\$ 51.92
1.50 inch	1,100 cubic feet	\$ 58.34
2.00 inch	2,000 cubic feet	\$ 99.13
3.00 inch	2,000 cubic feet	\$131.34
4.00 inch	2,000 cubic feet	\$201.08
6.00 inch	4,000 cubic feet	\$324.50

*Should more water be consumed by any premise in a quarter beyond which is allowed, as specified above, then an additional water commodity charge per one hundred cubic feet shall be due. This minimum charge shall increase by 5% each year (i.e. 2021 - \$51.92; 2022 - \$54.92; 2023 - \$57.24; 2024 - \$60.10; 2025 - \$63.11; 2026 - \$66.26 The additional water commodity charge described in this section shall increase 5% per year (i.e. 2021 - \$2.05; 2022 - \$2.15; 2023 - \$2.26; 2024 – \$2.37; 2025 – \$2.49; 2026 - \$2.62)

B. Fees:

- a. Tapping Fee Cost, plus 20%
- b. New Water Service Permit and Inspection\$75.00
- c. Re-inspection Fee (i.e. not ready)\$50.00
- d. Lawn Sprinkler Permit and Inspection\$50.00
- e. Water Meter Test Fee.....\$50.00
- f. Fire Hydrant Minimum Usage up to 1100 c. f.\$150.00
plus..... \$500.00 deposit
for ea. 100 cubic feet thereafter, current rates apply per Section 5 A
i.e. 2021 – \$2.05 for each 100 cubic feet thereafter
- g. (Non repair) Turn off/on Charge (each) Mon.-Fri. 9a.m.- 5p.m.\$25.00
After normal business hours\$60.00
- h. Meter Installation\$75.00
- i. Meters and related components cost plus 20%

D. Water Connection Charges

Direct Connection Charge applies where the new customer has immediate access to the Township Water System.

- E. Cross Connection Control Fees
 - a. Re-inspection due to violation cost plus 20%

- G. Professional Service Fees
 - a. Fee for Township Attorney review of documents for water main acceptance\$250.00 for first review
Attorney standard hourly rate for each review thereafter.
 - b. Fee for Township Attorney for additional work /agreements attorney standard hourly rate

SECTION 22 SEWER SYSTEM (CHAPTER 38 ARTICLES III, IV, V CODE OF ORDINANCE)

Capital Connection Charge (Amended Portion of Table Displayed)

Usage Charge per Residential Equivalent Unit (connected to public water supply)	Oakland County Water Resources Commissioner	Oakland County Water Resources Commissioner	\$81.25 beginning with 2021 1 st quarter usage
			\$84.25 beginning with 2022 1 st quarter usage
Usage Charge per Residential Equivalent Unit (not connected to public water supply)	Oakland County Water Resources Commissioner	Oakland County Water Resources Commissioner	\$142.94 beginning with 2021, 1st quarter usage
			\$146.52 beginning with 2022, 1st quarter usage
Usage Charge Per 100 CCF (connected to public water supply) - Commodity Charge	Oakland County Water Resources Commissioner	Oakland County Water Resources Commissioner	\$3.35 beginning with 2021, 1st quarter usage
			\$3.35 beginning with 2022, 1 st quarter usage
Industrial Pre-Treatment Program (IPP) for all uses other than residential, churches, schools, and government buildings	Oakland County Water Resources Commissioner	Oakland County Water Resources Commissioner	\$5.28 per quarter per Residential Equivalent Unit

ARTICLE II - SEVERABILITY

The various parts, sections and clauses of this Ordinance are hereby declared to be severable. If any part, sentence, paragraph, section or clause is adjudged unconstitutional or invalid by any court of competent jurisdiction, the remainder of the Ordinance shall remain in full force and effect.

ARTICLE III – REPEALER

All other ordinances or parts of ordinances in conflict herewith are hereby repealed only to the extent necessary to give this Ordinance full force and effect.

ARTICLE IV – SAVINGS CLAUSE

Nothing in this ordinance shall be construed to affect any suit or proceeding pending in any court or any rights acquired or any liability incurred, or any cause or causes of action acquired or existing, under any act or ordinance hereby repealed as cited in Section 36 of this ordinance; nor shall any just or legal right or remedy of any character be lost, impaired, or affected by this ordinance.

ARTICLE V- EFFECTIVE DATE

The provisions of this Ordinance are hereby ordered to take effect upon subsequent adoption publication.

ARTICLE VI - ADOPTION

This Ordinance is hereby declared to have been adopted by the Township Board of the Charter Township of White Lake at a meeting duly called and held on _____, 2021, and ordered to be given publication in the manner prescribed by law.

Rik Kowall, Supervisor

Anthony L. Noble

Rik Kowall, Supervisor
Anthony Noble, Clerk
Mike Roman, Treasurer



Trustees
Scott Ruggles
Michael Powell
Andrea C. Voorheis
Liz Fessler Smith

WHITE LAKE TOWNSHIP
DEPARTMENT OF PUBLIC SERVICES

7525 Highland Road , White Lake, Michigan 48383-2900, (248) 698-7700, www.whitelaketwp.com

January 14, 2021

White Lake Township Board of Trustees
Charter Township of White Lake
7525 Highland Road
White Lake, MI 48383

RE: Fee Ordinance Amendment

Honorable Board of Trustees,

Attached is the report provided by Bakertilly for a water system rate study approved at the April 16, 2019 Board of Trustees meeting. Also attached is the Fee Ordinance amendment that incorporates the study.

The findings of the study include necessary funding for operations and capital maintenance and improvements of the Township Water System as outlined in the CIP through 2026. Also included is the addition of iron filtration to the Aspen Meadows Wellhouse. This would supply iron free water to the majority of the Township system during normal use periods. As I have spoken of many times, iron is the number one water quality complaint in White Lake Township.

DPS requests that the Board approve the attached amendments of the Fee Ordinance Section 5- Water System.

Please feel free to call with any questions.

Sincerely,

Aaron D. Potter
Director, Department of Public Services
Charter Township of White Lake

WHITE LAKE TOWNSHIP (MICHIGAN) WATER FUND

COMPARATIVE STATEMENT OF NET POSITION

	As of				
	12/31/2015	12/31/2016	12/31/2017	12/31/2018	12/31/2019
	(----- Per Audit -----)				
Assets					
Current assets:					
Cash and cash equivalents	\$1,178,157	5%	\$1,775,322	\$2,004,755	\$2,226,164
Receivables:					
Property taxes receivable	27,932	56,161	40,178	38,950	40,637
Special assessments receivable	31,056	20,930	31,216	31,532	26,470
Receivables from sales to customers on account	221,528	215,746	236,988	243,124	252,034
Accrued interest receivable	4,972	4,115	5,845	4,793	4,424
Other receivables	2,388	67,278	13,226	59,104	11,930
Due from other funds	-	-	131,870	142,245	151,272
Total current assets	<u>1,466,033</u>	<u>364,230</u>	<u>2,234,645</u>	<u>2,524,503</u>	<u>2,712,931</u>
Noncurrent assets:					
Restricted assets	4,890,701	3,508,349	2,680,533	2,428,763	2,344,046
Special assessment receivables - Greater than one year:	154,024	192,722	272,124	230,318	196,002
Capital Assets:					
Assets not subject to depreciation	526,992	2,209,125	285,934	299,421	345,953
Assets subject to depreciation	5,498,649	5,396,147	7,945,016	7,786,139	7,648,987
Total noncurrent assets	<u>11,070,366</u>	<u>11,306,343</u>	<u>11,183,607</u>	<u>10,744,641</u>	<u>10,534,988</u>
Total Assets	<u>\$12,536,399</u>	<u>\$11,670,573</u>	<u>\$13,418,252</u>	<u>\$13,269,144</u>	<u>\$13,247,919</u>
Deferred Outflows					
Deferred pension costs	18,370	113,212	19,555	14,189	33,134
Deferred OPEB costs	-	-	-	9,101	877
Total deferred outflows	<u>18,370</u>	<u>113,212</u>	<u>19,555</u>	<u>23,290</u>	<u>34,011</u>
Liabilities					
Current liabilities					
Accounts payable	\$20,865	\$261,908	\$227,923	\$67,704	\$61,214
Due to other funds	42,485	38,776	46,583	40,714	44,864
Accrued liabilities and other	7,564	10,834	10,785	11,954	14,503
Current portion of long-term debt	50,000	55,355	61,885	61,885	61,885
Total current liabilities	<u>120,914</u>	<u>366,873</u>	<u>347,176</u>	<u>182,257</u>	<u>182,466</u>
Noncurrent liabilities					
Net pension liability	357,621	291,225	66,896	62,842	106,849
Net OPEB liability	112,041	284,927	225,667	366,688	261,348
Long-term debt	870,000	885,457	823,559	761,674	699,789
Total noncurrent liabilities	<u>1,339,662</u>	<u>1,461,609</u>	<u>1,116,122</u>	<u>1,191,204</u>	<u>1,067,986</u>
Total Liabilities	<u>1,460,576</u>	<u>1,828,482</u>	<u>1,463,298</u>	<u>1,373,461</u>	<u>1,250,452</u>
Deferred Inflows					
Deferred OPEB	-	-	-	-	65,907
Deferred pension	-	-	423	4,084	4,286
Total deferred inflows	<u>-</u>	<u>-</u>	<u>423</u>	<u>4,084</u>	<u>70,193</u>
Net Position					
Net investment in capital assets	5,105,641	6,664,460	7,345,506	7,262,001	7,233,266
Restricted - Water debt and system improvements	4,890,701	-	-	-	-
Unrestricted	1,097,851	4,775,993	4,628,580	4,652,888	4,728,019
Total Net Position	<u>11,094,193</u>	<u>11,440,453</u>	<u>11,974,086</u>	<u>11,914,889</u>	<u>11,961,285</u>
Total Liabilities and Net Position	<u>\$12,554,769</u>	<u>\$13,268,935</u>	<u>\$13,437,384</u>	<u>\$13,288,350</u>	<u>\$13,211,737</u>

WHITE LAKE TOWNSHIP (MICHIGAN) WATER FUND

COMPARATIVE STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET POSITION

	Fiscal Year Ended				
	12/31/2015	12/31/2016	12/31/2017	12/31/2018	12/31/2019
	(----- Per Audit -----)				
Operating Revenues					
Sale of water	\$849,035	\$964,390	\$1,047,359 #	\$1,043,900	\$999,842
Interest and penalty charges	12,203	67,278	10,660	10,384	9,758
Installation fees	1,875	10,129	6,645	1,500	1,425
Other revenue	-	2,625	-	-	-
Total operating revenue	<u>863,113</u>	<u>1,044,422</u>	<u>1,064,664</u>	<u>1,055,784</u>	<u>1,011,025</u>
Operating Expenses					
Salaries and wages	203,240	147,059	115,896	133,676	149,896
Fringe benefits	114,526	168,545	39,684	209,986	222,830
Workers' compensation & general liability insurance	32,166	51,657	51,063	60,858	31,780
Other operating expenses	21,257	96,059	116,134	49,343	87,905
Utilities	54,212	68,923	78,292	71,915	69,939
Tools and supplies	69,069	108,923	118,752	102,718	79,978
Repairs and maintenance	75,488	100,886	52,105	112,822	93,526
Operating expenses before depreciation	<u>569,958</u>	<u>742,052</u>	<u>571,926</u>	<u>741,318</u>	<u>735,854</u>
Depreciation	276,514	277,661	318,458	352,456	343,397
Total operating expense	<u>846,472</u>	<u>1,019,713</u>	<u>890,384</u>	<u>1,093,774</u>	<u>1,079,251</u>
Net operating income (loss)	<u>16,641</u>	<u>24,709</u>	<u>174,280</u>	<u>(37,990)</u>	<u>(68,226)</u>
Nonoperating Revenue (Expense)					
Investment income	36,473	25,724	44,709	57,892	75,550
Interest expense	(23,312)	(22,842)	(22,677)	(20,584)	(19,382)
Gain on sale of assets	-	-	4,000	-	-
Total nonoperating revenues	<u>13,161</u>	<u>2,882</u>	<u>26,032</u>	<u>37,308</u>	<u>56,168</u>
Income - Before Contributions	<u>29,802</u>	<u>27,591</u>	<u>200,312</u>	<u>(682)</u>	<u>(12,058)</u>
Capital Contributions					
Capital grants	-	-	-	31,441	-
Tap-in and recovery fees	61,842	234,414	209,066	52,298	58,454
Special assessments	-	84,255	124,255	7,254	-
Total capital contributions	<u>61,842</u>	<u>318,669</u>	<u>333,321</u>	<u>90,993</u>	<u>58,454</u>
Change in Net Position	91,644	346,260	533,633	90,311	46,396
Net Position - Beginning of Year	<u>11,002,549</u>	<u>11,094,193</u>	<u>11,440,453</u>	<u>11,824,578</u>	<u>11,914,889</u>
Net Position - End of Year	<u>\$11,094,193</u>	<u>\$11,440,453</u>	<u>\$11,974,086</u>	<u>\$11,914,889</u>	<u>\$11,961,285</u>

WHITE LAKE TOWNSHIP (MICHIGAN) WATER FUND

COMPARATIVE DETAIL OF OPERATING EXPENSES

Operating Expenditures	Fiscal Year Ended					Test Year	Multiplier	
	12/31/2016	12/31/2017	12/31/2018	12/31/2019	12/31/2020			
	(-----Per Client-----)							
Fund 591 - Water			5%					
591-000-703.000	Manager Salaries	\$23,549	\$67,755	\$78,097	\$85,151	\$87,041	\$87,041	2.00%
591-000-706.000	Wages Clerical	46,818	83,047	88,547	91,687	95,894	95,894	2.00%
591-000-707.000	Wages Maintenance	41,538	83,936	101,057	108,102	112,060	112,060	2.00%
591-000-707.001	Wages Part Time	18,119	-	-	10,107	20,000	20,000	0.00%
591-000-707.002	Weekend On Call Water Operator	1,455	2,268	1,206	1,667	4,000	4,000	2.00%
591-000-709.000	Wages Overtime	15,330	10,250	7,014	-	5,000	5,000	2.00%
591-000-710.000	Fees And Per Diem	250	-	-	4,454	-	-	0.00%
591-000-711.000	GF Personnel Support Costs	-	-	-	-	-	-	0.00%
591-000-715.000	Social Security	10,884	18,159	20,332	22,344	24,800	24,800	2.00%
591-000-716.000	Hosp & Optical Insurance	56,143	108,186	103,284	102,870	116,080	116,080	2.00%
591-000-717.000	Group Life Insurance	181	582	657	711	725	725	1.00%
591-000-718.000	Pension	84,423	(111,098)	18,799	40,311	16,150	16,150	3.00%
591-000-718.001	Health Care Savings Plan	880	4,160	6,000	6,000	6,000	6,000	3.00%
591-000-719.000	Workers Comp Insurance	5,930	7,339	8,015	8,021	9,330	9,330	2.00%
591-000-720.000	Other Post Retirement Benefits	3,604	4,442	52,412	38,791	70,000	70,000	3.00%
591-000-722.000	Unemployment Insurance	864	1,061	994	1,010	1,620	1,620	2.00%
591-000-724.000	Dental Insurance	2,385	4,977	5,898	5,862	6,110	6,110	2.00%
591-000-725.000	Administration Fee	5,473	5,917	-	-	-	-	1.00%
591-000-727.000	Office Supplies	6,018	6,410	4,774	3,504	5,000	5,000	1.00%
591-000-729.000	Printed Forms & Ordinances	117	-	-	-	-	-	1.00%
591-000-730.000	Postage	724	1,453	784	3,464	2,500	2,500	1.00%
591-000-740.000	Operating Supplies	15,537	7,459	6,167	7,396	7,500	7,500	1.00%
591-000-744.000	Safety Gear And Clothing	1,890	4,034	663	3,349	5,000	5,000	1.00%
591-000-745.000	System Chemicals	49,276	43,777	38,474	29,915	50,000	50,000	1.00%
591-000-748.000	Testing Water Systems	4,471	4,746	9,465	5,642	10,000	10,000	1.00%
591-000-750.000	Operating Supplies Meters	10,965	31,556	20,435	10,371	100,000	100,000	0.00%
591-000-750.001	Operating Supp Meter Transmit	14,695	5,605	9,673	2,040	40,000	40,000	0.00%
591-000-755.000	Operating Supplies Tools	474	7,799	5,484	7,510	15,000	15,000	1.00%
591-000-801.000	Financial Consult Fees	240	-	-	3,807	-	-	1.00%
591-000-802.000	Eng & Arch Fees	61,435	68,021	8,486	21,848	50,000	50,000	0.00%
591-000-803.000	Iron Filtration Expenses	-	13,205	1,540	-	15,000	15,000	1.00%
591-000-807.000	Accounting & Auditing	3,000	3,000	3,000	3,000	4,000	4,000	1.00%
591-000-818.000	Contracted Serv Computer	13,171	22,187	27,312	43,940	40,000	40,000	1.00%
591-000-826.000	Attorney Fees	3,013	1,413	839	6,139	2,000	2,000	1.00%
591-000-853.000	Telephone/Cell Phone Services	2,013	2,773	3,762	3,424	4,000	4,000	1.00%
591-000-860.000	Travel Expense	-	-	-	-	-	-	1.00%
591-000-863.000	Repairs & Maint Vehicles	756	4,845	3,094	2,894	5,000	5,000	1.00%
591-000-867.000	Gasoline/Fuel	3,302	4,392	5,724	5,255	6,000	6,000	1.00%
591-000-903.000	Legal Notices	4,595	285	-	83	2,000	2,000	1.00%
591-000-911.000	General Liab Insurance	45,727	43,724	52,843	23,759	55,000	55,000	1.00%
591-000-921.000	Electricity Tower	215	390	227	422	350	350	1.00%
591-000-921.001	Electricity TL	14,782	14,491	9,917	3,344	5,000	5,000	1.00%
591-000-921.002	Electricity Hillview	18,107	16,441	2,697	1,847	3,000	3,000	1.00%
591-000-921.004	Electricity Village Acres	14,067	27,626	38,457	37,973	40,000	40,000	1.00%
591-000-921.005	Electricity Suburban Knolls	6,876	2,134	407	174	500	-	0.00%
591-000-921.006	Electricity Grass Lake	8,723	12,496	14,490	18,721	18,000	18,000	1.00%
591-000-921.007	Electricity Tower #2	872	705	724	1,027	1,000	1,000	1.00%
591-000-921.008	Electricity-Hurondale	3,061	1,373	1,121	1,403	1,500	1,500	1.00%
591-000-921.009	Electricity-Williams Lk Rd	-	-	-	-	-	-	1.00%
591-000-921.010	Electricity 933 Williams-Hurondale	232	214	277	210	500	500	1.00%
591-000-923.001	Gas Twin Lakes	497	784	496	961	1,000	1,000	1.00%
591-000-923.002	Gas Hillview	550	631	819	657	1,000	1,000	1.00%
591-000-923.004	Gas Grass Lake	615	485	670	858	1,000	1,000	1.00%
591-000-923.005	Gas Village Acres-Satellite Rd	326	522	1,613	2,342	2,000	2,000	1.00%
591-000-931.000	Repair & Maint Bldg & Equip	18,817	21,007	62,889	41,072	275,000	275,000	0.00%
591-000-931.001	Ground Maintenance	24,352	22,201	15,091	16,265	1,500	1,500	1.00%
591-000-934.000	Repair & Maint Water System	46,560	1,692	21,649	31,423	100,000	100,000	0.00%
591-000-934.001	Repair & Maint Tower 1	95	2,360	8,301	1,361	25,000	25,000	0.00%
591-000-934.002	Repair & Maint Tower 2	8,956	-	750	511	25,000	25,000	0.00%
591-000-935.000	Repair Meters	-	-	1,048	-	-	-	0.00%
591-000-958.000	Dues & Misc	4,812	5,250	4,404	5,664	5,000	5,000	1.00%
591-000-960.000	Education & Training	1,904	2,704	1,323	2,340	3,000	3,000	1.00%
591-000-962.000	Miscellaneous	1,804	594	289	2,590	5,000	5,000	1.00%
591-000-968.000	Depreciation Water System	-	-	-	-	- [1]	-	0.00%
591-000-969.000	Depreciation & Amortization	-	-	-	-	- [1]	-	0.00%
591-000-974.000	Capital Outlay Equipment	-	-	-	-	- [2]	-	0.00%
591-000-976.000	Bond Interest-DWRF	-	-	-	-	- [3]	-	0.00%
591-000-976.004	Bond Interest-Castlewood	-	-	-	-	- [3]	-	0.00%
591-000-976.005	Bond Interest Nordic Dr Main	-	-	-	-	- [3]	-	0.00%
591-000-977.000	Vehicles	1,350	-	-	-	40,000 [2]	-	0.00%
591-000-995.000	Misc Service Charges	1,454	1,523	1,554	1,532	1,000	1,000	1.00%
	Total Water Operating Expenditures	\$738,270	\$703,287	\$884,044	\$887,124	\$1,548,160	\$1,507,660	

[1] Depreciation and Amortization Expenses are removed from this report as it is performed on the cash basis.
 [2] Capital Outlay is removed from this section of the report. This item is discussed later in the report.
 [3] Principal and Interest are removed from this section of the report. This item is discussed later in the report.

WHITE LAKE TOWNSHIP (MICHIGAN) WATER FUND

**SCHEDULE OF AMORTIZATION OF \$765,000 PRINCIPAL AMOUNT OUTSTANDING
OF DWRF BONDS, SERIES 2010**

Payment Date	Principal Balance (In Dollars)	Interest Rate (%)	Debt Service			Fiscal Year Total
			Principal	Interest	Total	
			-----In Dollars-----			
			#			
04/01/19	\$765,000	2.50	\$55,000	\$9,562.50	\$64,562.50	
10/01/19	710,000			8,875.00	8,875.00	\$73,437.50
04/01/20	710,000	2.50	55,000	8,875.00	63,875.00	
10/01/20	655,000			8,187.50	8,187.50	72,062.50
04/01/21	655,000	2.50	60,000	8,187.50	68,187.50	
10/01/21	595,000			7,437.50	7,437.50	75,625.00
04/01/22	595,000	2.50	60,000	7,437.50	67,437.50	
10/01/22	535,000			6,687.50	6,687.50	74,125.00
04/01/23	535,000	2.50	60,000	6,687.50	66,687.50	
10/01/23	475,000			5,937.50	5,937.50	72,625.00
04/01/24	475,000	2.50	65,000	5,937.50	70,937.50	
10/01/24	410,000			5,125.00	5,125.00	76,062.50
04/01/25	410,000	2.50	65,000	5,125.00	70,125.00	
10/01/25	345,000			4,312.50	4,312.50	74,437.50
04/01/26	345,000	2.50	65,000	4,312.50	69,312.50	
10/01/26	280,000			3,500.00	3,500.00	72,812.50
04/01/27	280,000	2.50	65,000	3,500.00	68,500.00	
10/01/27	215,000			2,687.50	2,687.50	71,187.50
04/01/28	215,000	2.50	70,000	2,687.50	72,687.50	
10/01/28	145,000			1,812.50	1,812.50	74,500.00
04/01/29	145,000	2.50	70,000	1,812.50	71,812.50	
10/01/29	75,000			937.50	937.50	72,750.00
04/01/30	75,000	2.50	75,000	937.50	75,937.50	75,937.50
	Totals		<u>\$765,000</u>	<u>\$120,562.50</u>	<u>\$885,562.50</u>	<u>\$885,562.50</u>

WHITE LAKE TOWNSHIP (MICHIGAN) WATER FUND

CASH FLOW ANALYSIS

	2020	2021	Increases Per Year	2022	2023	2024	2025	2026
Assumptions								
Meter equivalents billed - quarter	2,273	2,273		2,273	2,273	2,273	2,273	2,273
Minimum charge - quarter	\$44.00	\$51.92	5.00%	\$54.52	\$57.24	\$60.10	\$63.11	\$66.26
Billable flow - annual (per 100 cf)	421,000	421,000		421,000	421,000	421,000	421,000	421,000
Commodity charge - (per 100 cf)	\$1.74	\$2.05	5.00%	\$2.15	\$2.26	\$2.37	\$2.49	\$2.62
<i>Typical homeowner's quarterly domestic bill (assumes 16 ccf/quarter)</i>	\$52.70	\$62.17		\$65.28	\$68.54	\$71.97	\$75.57	\$79.35
Revenues								
Rates & charges								
Minimum charge	\$400,028	\$472,034		\$495,635	\$520,417	\$546,438	\$573,760	\$602,448
Commodity charge	732,540	863,050		906,203	951,513	999,088	1,049,043	1,101,495
Total rates & charges revenue	1,132,568	1,335,084		1,401,838	1,471,930	1,545,526	1,622,802	1,703,942
Other	10,000	10,000		10,000	10,000	10,000	10,000	10,000
Total revenues	1,142,568	1,345,084		1,411,838	1,481,930	1,555,526	1,632,802	1,713,942
Less: Total operating expenditures	(1,548,160)	(1,507,660)		(1,222,849)	(1,193,337)	(1,209,132)	(1,225,239)	(1,241,666)
Net operating revenue	(405,592)	(162,576)		188,989	288,592	346,394	407,563	472,276
Less: Current debt service payments	(72,063)	(75,625)		(74,125)	(72,625)	(76,063)	(74,438)	(72,813)
Estimated cash-funded capital improvements - Hillview	(580,000)	-		-	-	-	-	-
Estimated cash-funded capital improvements - Twin Lakes	-	-		-	-	(800,000)	-	-
Estimated debt service #1 2021 Bonds [1]	-	-		(211,000)	(211,000)	(211,000)	(211,000)	(211,000)
Net cash flow	(\$1,057,654)	(\$238,201)		(\$96,136)	\$4,967	(\$740,669)	\$122,125	\$188,464
Cash & investments [2]	\$4,529,765	\$3,233,909		\$3,137,773	\$3,142,740	\$2,402,072	\$2,524,197	\$2,712,661

[1] Estimated debt service payments based on a \$3,500,000 20-year bond issue at current DWRP rates (1.875%).

[2] Cash & investments includes both operating and capital cash balances