Monterey One Water

2021
Wastewater Treatment Rate Update
to 2017
Comprehensive Rate & Fee Study

Background

During Fiscal Year 2016-17, Monterey One Water ("M1W"), which was then known as the Monterey Regional Water Pollution Control Agency, engaged Bartel Wells Associates ("BWA") to undertake a comprehensive analysis of M1W's revenues and budget to make recommendations regarding M1W's wastewater treatment rates and all of M1W's other rates and charges. As part of its work, BWA delivered to M1W a detailed report entitled "Monterey Regional Water Pollution Control Agency, Comprehensive Rate & Fee Study" (the "BWA Study").

In 2017, M1W adopted a three-year schedule (FY 2017-18 through 2019-20) of wastewater treatment rates that was based on the analysis and recommendations in the BWA Study. For FY 2020-21, which began during the height of the COVID-19 pandemic, rather than proposing a multi-year rate schedule, M1W adopted a one-time rate increase that was based on BWA's work.

The purpose of this Update is to recommend a five-year schedule of wastewater treatment rates proposed to begin July 1, 2021, that will meet M1W's current projections of the expenses necessary to provide wastewater treatment services, as well as build operating and capital reserves that meet the reserve policies adopted by the M1W Board. Because much of M1W's infrastructure is aging, M1W has adopted a 10-year Capital Improvement Plan that is designed to replace and improve much of M1W's infrastructure so that M1W can continue to provide reliable, high-quality, and environmentally sensitive wastewater treatment services to its existing customers. M1W intends to undertake its capital improvement projects on a pay-as-you-go basis, and make at most limited use of the new debt. Therefore, the, the expense budgets described in this Update for each year include debt service payable during that year on outstanding debt, as well as current expenses for capital improvement projects.

Methodology

This Update was prepared by M1W staff.

The BWA Study, which is not even five years old, contained BWA's expert analysis regarding the proportional burden different types of users and system use put on the M1W system. That analysis and the resulting calculations are unlikely to change significantly over a few years, and it would be unnecessary and prohibitively expensive to redo this analysis every time M1W considers rate increases.

Therefore, this update limits itself to setting forth budget projections for each of the next five fiscal years, determining the total wastewater treatment rate revenue necessary each year to cover the costs of providing wastewater treatment services, determining the percentage increase in revenue between prior year wastewater treatment rate revenue and the revenue requirement for that year, and then increasing, each wastewater rates by that percentage. In that way, the proportionality of the rates for different users types is maintained, and the rates will continue to meet the requirements of Article XIII D, Section 6(b) of the California Constitution. This update incorporates the BWA Study.

M1W's wastewater treatment rates fund the costs of the services used by the customers who are charged these rates. The rates do not fund costs associated with the Castroville Seawater Intrusion Project or the Pure Water Monterey Groundwater Replenishment Project, which are projects that produce usable water that is sold to customers.

Budget

The following is a cash flow and expenses analysis that projects the wastewater treatment rates necessary to fund wastewater treatment expenses over the next five fiscal years:

Wastewater Fund Five Year Projections

	Actual 19-20	Projected 20-21	Projected with Proposed Increase 21-22	Projected with Proposed Increase 22-23	Projected with Proposed Increase 23-24	Projected with Proposed Increase 24-25	Projected with Proposed Increase 25-26
Wastewater Treatment Charges	28,952,230	31,786,190	42,626,771	50,943,683	55,661,367	59,811,390	63,788,768
Military Wastewater Charges	380,778	383,155	383,155	383,155	383,155	383,155	383,155
Other Fees	1,108,872	1,049,438	1,081,000	1,113,000	1,146,000	1,180,000	1,215,000
Other Revenues	4,110,229	4,812,632	2,399,126	2,838,000	2,838,000	2,838,000	2,838,000
Total Projected Wastewater Revenues	**34,552,137**	**38,031,443**	**46,490,100**	**55,277,888**	**60,028,574**	**64,212,600**	**68,224,981**
Prefunding PERS Obligation	-	-	400,000	400,000	400,000	400,000	400,000
Administration	6,041,569	6,410,850	7,521,518	8,311,277	9,183,961	10,148,277	11,213,846
Plant Operations	17,308,734	20,955,111	23,908,716	26,735,131	29,762,320	32,887,364	36,340,537
Debt Service	2,095,514	2,129,507	2,129,507	2,129,507	2,129,507	2,129,507	2,129,507
10 Year CIP	5,706,755	4,780,000	4,065,000	14,185,000	16,280,000	13,551,000	14,530,000
Total Projected Expenses	**31,152,572**	**34,275,468**	**38,024,741**	**51,760,915**	**57,755,788**	**59,116,148**	**64,613,890**
Total Projected Additions to Reserves	**3,399,565**	**3,755,975**	**8,465,359**	**3,516,973**	**2,272,786**	**5,096,452**	**3,611,091**
Ending Reserves	**10,307,144**	**14,063,119**	**22,528,478**	**26,045,451**	**28,318,237**	**33,414,689**	**37,025,780**
Operating Reserves	**6,307,144**	**8,063,119**	**9,361,778**	**12,878,751**	**15,151,537**	**20,247,989**	**23,859,080**
% of Debt / Operating Budget	**25%**	**27%**	**28%**	**35%**	**37%**	**45%**	**50%**
Capital Reserves	**4,000,000**	**6,000,000**	**13,166,700**	**13,166,700**	**13,166,700**	**13,166,700**	**13,166,700**
% of Ten Year CIP	**3%**	**5%**	**10%**	**10%**	**10%**	**10%**	**10%**

Increase in Revenue Requirement

The following shows the percentage increase in wastewater treatment rate revenue that is necessary to meet the expenses each year of providing wastewater treatment services to customers who are subject to wastewater treatment rates:

Projected Rate Revenue Increases

Fiscal Year	21-22	22-23	23-24	25-26	26-27
Projected Rate Increases	46.84%	19.69%	9.62%	7.72%	6.87%

Proposed Rates

The table on the next page shows the rate schedule for the wastewater treatment rate that is proposed for each of the next five fiscal years. Each year's proposed rates are calculated by increasing the prior year's rates by the percentage shown in the revenue requirement table.

Code	Category	Avg. Flow (gpd)	Wastewater Strength BOD (mg/l)	SS (mg/l)	Monthly Rate FY 19-20	Proposed Monthly Rate Effective 8/6/21	Proposed Monthly Rate Effective 7/1/22	Proposed Monthly Rate Effective 7/1/23	Proposed Monthly Rate Effective 7/1/24	Proposed Monthly Rate Effective 7/1/25	Billing Unit
245	Animal Hospital	292	250	100	40.70	53.10	63.10	73.10	84.65	89.75	Location/each business
341-346	Auto/Paint/Body Shops and Stores	117	150	150	15.45	20.15	23.95	27.75	32.15	34.10	Every 10 employees
270	Bakery	230	1000	600	63.35	82.60	98.10	113.60	131.55	139.45	Location / each business
265	Bar	254	200	200	36.20	47.20	56.05	64.95	75.25	79.80	Location / each business
222	Bed & Breakfast Inn - Per Unit	43	310	120	6.35	8.30	9.90	11.50	13.35	14.15	Each room
282	Bowling Center	1146	150	150	151.15	197.05	234.00	270.95	313.80	332.60	Location / each business
211	Business - Vacant	117	150	150	9.25	12.10	14.40	16.70	19.35	20.55	Location / each business
001-099	Business/Government	117	150	150	15.45	20.15	23.95	27.75	32.15	34.10	Every 10 employees
296	Church 1-100 Members	117	150	150	15.45	20.15	23.95	27.75	32.15	34.10	Location / each business
297	Church Over 100 Members	117	150	150	30.90	40.30	47.90	55.50	64.30	68.20	Location / each business
205	Demolished	117	150	150	-	-	-	-	-	-	Each living unit
242	Dental Office (Per Dentist)	215	130	80	26.50	34.55	41.05	47.55	55.10	58.45	Each licensed dentist
353	Dry Cleaner	386	150	150	50.90	66.35	78.80	91.25	105.70	112.05	Location / each business
244	General Hospital - (per Bed)	256	250	100	35.70	46.55	55.30	64.05	74.20	78.65	Each bed of licensed capacity
283-289	Gym	117	150	150	15.45	20.15	23.95	27.75	32.15	34.10	Every 500 members
295	Instructional Facility (per student)	117	150	150	15.45	20.15	23.95	27.75	32.15	34.10	Each business
311-312	Laboratory	117	150	150	15.45	20.15	23.95	27.75	32.15	34.10	Every 10 employees
354	Laundromat (per washing machine)	102	150	110	13.05	17.05	20.25	23.45	27.20	28.85	Each washing machine
241	Medical Office - (per physician)	156	130	80	19.20	25.05	29.75	34.45	39.90	42.30	Each Licensed Physician
416	Mobile Washers (Annual)	34	20	150	40.70	53.10	63.10	73.10	84.65	89.75	Each business
290	Mortuary	310	800	800	83.60	109.00	129.45	149.90	173.60	184.00	Location / each business
221	Motel / Hotel - (per room)	66	310	120	9.80	12.80	15.20	17.60	20.40	21.65	Each room
266	Nightclub	760	200	200	108.30	141.20	167.70	194.20	224.90	238.40	Location / each business
301	Photo Developer	117	150	150	15.45	20.15	23.95	27.75	32.15	34.10	Location / each business
321-326	Printer	117	150	150	15.45	20.15	23.95	27.75	32.15	34.10	Every 10 employees
101,106	Residential - Vacant	117	150	150	14.75	19.25	22.90	26.55	30.75	32.60	Each living unit
102,105,107,109	Residential/Apartments/Condos (per unit)	150	300	300	24.55	32.00	38.00	44.00	50.95	54.00	Each living unit
243	Rest Home/Convalescent - (per bed)	43	250	100	6.00	7.85	9.35	10.85	12.60	13.40	Each bed of licensed capacity
261	Restaurant (1 meal/day per seat)	6	1000	600	1.65	2.15	2.60	3.05	3.55	3.80	Each restaurant seat
262	Restaurant (2 meals/day per seat)	9	1000	600	2.45	3.20	3.80	4.40	5.10	5.45	Each restaurant seat
263	Restaurant (3 meals/day per seat)	17	1000	600	4.65	6.10	7.25	8.40	9.75	10.35	Each restaurant seat
264	Restaurant with Bar (per seat)	17	1000	600	4.65	6.10	7.25	8.40	9.75	10.35	Each restaurant seat
107,109	Retirement Community	50	300	300	24.55	32.00	38.00	44.00	50.95	54.00	Each living unit
291	School (Minimum)	117	150	150	15.45	20.15	23.95	27.75	32.15	34.10	Each business
292	School (Grades 0-6) (per student)	2	130	100	0.25	0.33	0.40	0.47	0.55	0.59	School Population
293	School (Grades 7-College) (per student)	4	130	100	0.50	0.66	0.79	0.92	1.07	1.14	School Population
294	School (Boarding) (per student)	40	233	165	5.70	7.45	8.85	10.25	11.90	12.65	School Population
331-332	Service Station/Garage (per 10 employees)	112	180	280	16.50	21.55	25.60	29.65	34.35	36.40	Every 10 employees
231	Supermarkets	638	800	800	172.15	224.40	266.50	308.60	357.40	378.80	Location
267	Takeout Food - Small	283	500	300	53.10	69.25	82.25	95.25	110.30	116.90	1 cash register / checkout line
268	Takeout Food – Medium	697	500	300	130.85	170.60	202.60	234.60	271.70	288.00	2-3 cash registers / checkout lines
269	Takeout Food – Large	1270	500	300	238.40	310.75	369.05	427.35	494.90	524.55	4 or more cash registers / checkout lines
281	Theater (per screen)	377	150	150	49.75	64.85	77.05	89.25	103.35	109.55	Per screen at each location

Special User Charge Formula Accounts

Code	Category	Avg. Flow	BOD	SS	Rate
351	Laundry: Industrial	Usage	*	*	Based on "Special User Charge Formula" *
352	Laundry: Commercial	Usage	450	240	Based on "Special User Charge Formula" *
366	Car Wash	Usage	20	150	Based on "Special User Charge Formula" *
361	Major Hotel	Usage	500	600	Based on "Special User Charge Formula" *
367	Truck Wash	Usage	180	270	Based on "Special User Charge Formula" *
401	Misc. Special User	Usage	*	*	Based on "Special User Charge Formula" *
402	Plastics	Usage	*	*	Based on "Special User Charge Formula" *
403	Chemicals	Usage	*	*	Based on "Special User Charge Formula" *
404	Etching	Usage	*	*	Based on "Special User Charge Formula" *
405	Water Softener	Usage	*	*	Based on "Special User Charge Formula" *
406	Food Processing	Usage	*	*	Based on "Special User Charge Formula" *
407	Rec/Sports Center	Usage	150	150	Based on "Special User Charge Formula" *
408	Inedible Render	Usage	*	*	Based on "Special User Charge Formula" *
409	Electronics	Usage	*	*	Based on "Special User Charge Formula" *
410	Groundwater	Usage	*	*	Based on "Special User Charge Formula" *

Note: The above rates do not include additional collection/conveyance fees assessed by the member entities

* These are set through samples taken by Source Control.

Special User Formulas

In addition, the special charge formulas for the special users mentioned on the schedule of fees for each of the five years are as follows:

PROPOSED SPECIAL USER FORMULA: Effective August 5, 2021
K = (1,564,293.45 x V) + (1877.05 x V x B) + (1442.65 x V x S)

PROPOSED SPECIAL USER FORMULA: Effective July 1, 2022
K = (1,857,598.47x V) + (2,229.00 x V x B) + (1,713.15 x V x S)

PROPOSED SPECIAL USER FORMULA: Effective July 1, 2023
K = (2,150,913.27 x V) + (2,580.96 x V x B) + (1983.66 x V x S)

PROPOSED SPECIAL USER FORMULA: Effective July 1, 2024
K = (2,490,757.57 x V) + (2,988.75 x V x B) + (2297.08 x V x S)

PROPOSED SPECIAL USER FORMULA: Effective July 1, 2025
K = (2,639,953,95 x V) + (3,167.78 x V x B) + (2,434.68 x V x S)

<u>Whereas for all formulas:</u>

K = Annual User Charge for Each User

V = Average Daily Sewage Flow in Million Gallons per Day (MGD)

B = Average Sewage BOD Concentration in mg/l

S = Average Sewage SS Concentration in mg/l

Monterey Regional Water Pollution Control Agency



Comprehensive Rate & Fee Study

May 30, 2017

BARTLE WELLS ASSOCIATES
INDEPENDENT PUBLIC FINANCE ADVISORS

BARTLE WELLS ASSOCIATES
INDEPENDENT PUBLIC FINANCE ADVISORS

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May 30, 2017

Monterey Regional Water Pollution Control Agency
5 Harris Court, Building D
Monterey, CA 93940

Attn: Tori Hannah, Chief Financial Officer

Re: Comprehensive Rate & Fee Study

Bartle Wells Associates is pleased to submit the attached *Comprehensive Rate & Fee Study.* The study develops long-term financial projections, calculates wastewater rates designed to fund operating and capital needs over the next three years, and includes updates to MRWPCA's Capacity Charges and Additional Fees and Charges. Recommended rates, fees and charges were developed with substantial input from MRWPCA and are designed to reflect the cost of providing service, comply with legal requirements, and be fair and equitable to all customers.

I enjoyed working with MRWPCA on this assignment and appreciate the ongoing collaboration, assistance, and input received throughout the project. Please contact me anytime if you have questions about the recommendations presented in this report or any related issues.

Sincerely,

BARTLE WELLS ASSOCIATES

Alex Handlers

Alex Handlers, CIPMA
Principal/Vice-President

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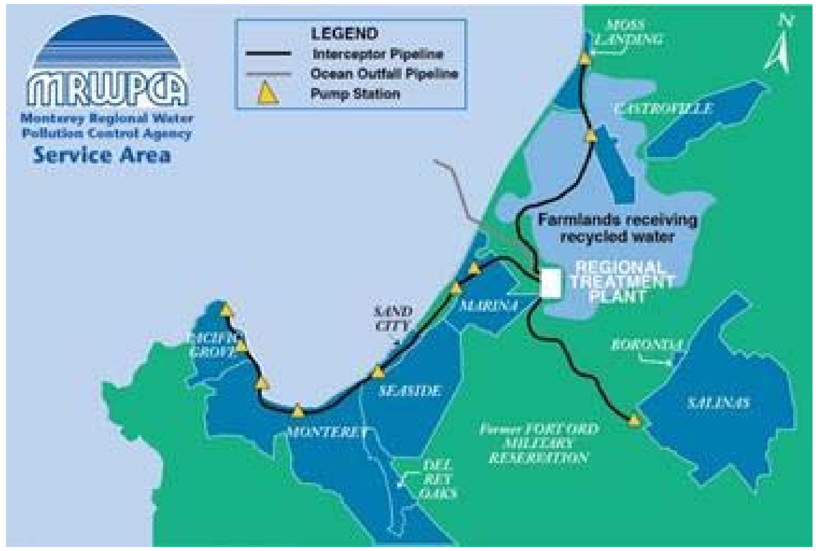
1.1 Background



The Monterey Regional Water Pollution Control Agency (MRWPCA or Agency) is a Joint Powers Authority that provides wastewater conveyance, treatment and effluent disposal services to a population of roughly 250,000 and businesses in northern Monterey County. Member agencies include the Cities of Monterey, Pacific Grove, Seaside, Sand City, Salinas, Del Rey Oaks, and the Marina Coast Water District, Fort Ord Military Reservation, Castroville Community Services District, Moss Landing County Sanitation District, Boronda County Sanitation District, and the County of Monterey. MRWPCA was originally formed in 1972 and expanded in subsequent years as additional agencies joined. MRWPCA is governed by an 11-member Board of Directors with one Director representing each member agency.

1.2 Wastewater System Overview

MRWPCA owns and operates a regional wastewater treatment plant with treatment capacity of approximately 29.6 million gallons per day (average dry weather flow), a 60-inch diameter outfall pipeline extending 2 miles into the Monterey Bay, 25 wastewater pump stations, 35 pressure-vacuum stations, and approximately 30 miles of pipelines that convey wastewater from each of the member agencies to the regional treatment plant, and water recycling facilities. Each of the agencies operates its own local wastewater collection system.

MRWPCA's aging wastewater conveyance and treatment facilities are in need of a substantial amount of capital improvements to address current deficiencies and rehabilitate and replace aging infrastructure. A 10-year capital improvement program developed by the MRWPCA's Engineering Services Department identifies over $92 million of capital improvements with future funding needs averaging approximately $10 million per year. MRWPCA is currently working with an engineering consulting firm on a comprehensive evaluation of its wastewater conveyance system to identify and prioritize capital improvements, and plans on subsequently conducting a similar analysis for the wastewater treatment plant. These studies may identify additional infrastructure improvement needs.

MRWPCA is a leader in water recycling. MRWPCA participates in a partnership with Monterey County Water Resources Agency to provide recycled water for agricultural purposes and to help minimize groundwater overdraft and seawater intrusion into underground aquifers. Roughly 60% of MRWPCA's treated wastewater effluent is currently recycled each year. Additionally, MRWPCA is in the process of moving forward with Pure Water Monterey, an advanced water recycling project being developed in partnership with the Monterey Peninsula Water Management District and other regional agencies. Pure Water Monterey will provide highly-treated recycled water for irrigation and groundwater replenishment to augment regional water supplies and provide a sustainable solution for the region's water supply challenges. With Pure Water Monterey, MRWPCA anticipates that approaching 100% of its treated wastewater will be recycled for beneficial purposes.

1.3 Study Objectives

In 2016, MRWPCA retained Bartle Wells Associates (BWA) to develop a comprehensive rate and fee study. Key goals and objectives of the study include:

Wastewater Financial Plan & Rate Study

- Develop a 10-year financial plan to identify future revenue requirements, evaluate financial scenarios, and determine rate increases needed to fund MRWPCA's operating and capital programs while maintaining long-term financial stability.
- Develop wastewater treatment rates that:
  - Recover the costs of providing service,
  - Are fair and equitable to all customer classes,
  - Comply with the legal requirements of the California Constitution, Article 13D, Section 6 (established by Proposition 218) and other California law;
  - Provide adequate funding for projected capital improvement needs,
  - Maintain a prudent level of fund reserves.
- Aim for steady, gradual annual rate increases, to the extent possible, to help minimize the annual impact on customers and mitigate the need for larger, periodic rate spikes.

Capacity Charge Update

- Review current capacity charges and evaluate approaches for developing updated charges.
- Develop updated capacity charges designed to:
  - Recover the cost of wastewater system infrastructure and assets benefitting new development,
  - Are consistent with industry standards and practices, and
  - Comply with Government Code 66013.

Additional Fee & Charge Update

- Review and update MRWPCA's additional fees and charges to reflect the current cost of providing service for each type of fee or charge and comply with Proposition 26.
- Work with MRWPCA to identify the staffing needs, time, and materials associated with each type of fee. Evaluate overhead allocation alternatives, calculate billable rates for staff time including salary and benefits, and calculate appropriate levels of facility cost recovery when applicable.

This report summarizes key findings and recommendations. Final recommendations were developed with substantial input from MRWPCA staff and input from the Budget/Personnel Committee (BPC) and Board of Directors.

1.4 Process

BWA worked closely with MRWPCA during development of the financial plan and rate study, capacity charge update, and fee update. In addition to a number of meetings and phone conferences with staff, the process included a number of public meetings with the BPC and Board to review findings, discuss draft recommendations and alternatives, and receive input from Board Members and the community. A schedule of public meetings is listed below:

Date	Meeting	Purpose
January 13	BPC Meeting	Study introduction; present preliminary findings
January 30	Board Meeting	Study introduction; present preliminary findings
February 10	BPC Meeting	Receive preliminary input on rates & finances
February 27	Board Meeting	Review draft financial & rate scenarios & receive input
March 10	BPC Meeting	Receive additional input on rates
March 27	Board Meeting	Present final rate recommendations
April 7	BPC Meeting	Review preliminary updates of capacity charges & interruptible rates
April 24	Board Meeting	Review draft recommendations for capacity charges & interruptible rates
May 12	BPC Meeting	Review preliminary update of additional fees & charges
May 22	Board Meeting	Review draft recommendations for update of additional fees & charges
June 5	Board Meeting	Hold Proposition 218 Public Hearing for proposed rate increases; Consider adoption of proposed rates, capacity charges, & fee updates

1.5 Summary of Recommendations

The tables on the following pages show recommended rates, capacity charges, and additional fees and charges. To keep future charges aligned with the costs of providing service, capacity charges can be adjusted annually by the change in the Engineering News-Record (ENR) Construction Cost Index, a widely-used measure of construction cost inflation; and Additional Fees & Charges can be adjusted annually by the Consumer Price Index (CPI).

Proposed MRWPCA Wastewater Treatment Rates

User Category			Average Flow (gpd)	Wastewater Strength BOD (mg/l)	SS (mg/l)	Current Monthly Rate	Monthly Rate per Unit Effective July 1 2017	July 1 2018	July 1 2019	Billing Unit
RESIDENTIAL										
B.	102/105 107/109	Residential	150	300	300	$15.85	$17.40	$19.15	$21.05	Each living unit
COMMERCIAL/INSTITUTIONAL										
A.	001	Business/Government	117	150	150	$10.75	$11.50	$12.35	$13.25	Location/each business
C.	102	Transient Occupancy (Resid)	150	300	300	15.85	17.40	19.15	21.05	Each living unit
D.	221	Hotel/Motel	66	310	120	6.70	7.20	7.80	8.40	Each room
E.	222	Bed & Breakfast Inn	43	310	120	4.45	4.75	5.10	5.45	Each room
F.	231	Supermarket	638	800	800	107.00	119.10	132.60	147.60	Location
G.	241	Medical Office	156	130	80	13.75	14.60	15.50	16.45	Each licensed physician
H.	242	Dental Office	215	130	80	18.80	20.00	21.30	22.70	Each licensed dentist
I.	243	Rest Home/Convalescent	43	250	100	4.20	4.50	4.80	5.15	Each bed of licensed capacity
J.	244	General Hospital	256	250	100	24.70	26.50	28.50	30.60	Each bed of licensed capacity
K.	245	Animal Hospital	292	250	100	28.55	30.50	32.65	34.90	Location/each business
L.	261	Restaurant–One Meal	6	1000	600	1.05	1.15	1.30	1.40	Each restaurant seat
	262	Restaurant–Two Meals	9	1000	600	1.55	1.70	1.90	2.10	Each restaurant seat
	263	Restaurant–Three Meals	17	1000	600	3.00	3.30	3.65	4.00	Each restaurant seat
M.	264	Restaurant w/Bar	17	1000	600	3.00	3.30	3.65	4.00	Each restaurant seat
N.	265	Bar	254	200	200	24.60	26.60	28.70	31.05	Location/each business
O.	266	Nightclub	760	200	200	73.05	79.15	85.75	92.85	Location/each business
P.	267	Takeout Food–Small	283	500	300	35.65	38.70	41.95	45.55	Location/each business
	268	Takeout Food–Medium	697	500	300	87.20	94.85	103.15	112.20	Location/each business
	269	Takeout Food–Large	1,270	500	300	159.00	172.90	188.00	204.40	Location/each business
Q.	270	Bakery	230	1000	600	41.20	45.15	49.50	54.30	Location/each business
R.	281	Theater	377	150	150	33.85	36.55	39.50	42.65	Per screen at each location
S.	282	Bowling Center	1,146	150	150	103.00	111.20	120.05	129.60	Location/each business
T.	290	Mortuary	310	800	800	52.25	58.05	64.55	71.70	Location/each business
U.	291	School (Minimum)	117	150	150	10.75	11.50	12.35	13.25	Each business
	292	School (Grades 0-6)	2	130	100	0.13	0.15	0.18	0.21	School population
	293	School (Grade 7-College)	4	130	100	0.28	0.32	0.37	0.43	School population
	294	Boarding School	40	233	165	3.25	3.75	4.30	4.90	School population
V.	331	Service Station/Repair	112	180	280	11.20	12.10	13.10	14.15	Location/each business
	332	Svc Station/Repair (11-20)	112	180	280	11.20	12.10	13.10	14.15	Location/each business
W.	353	Dry Cleaners	386	150	150	35.05	37.70	40.55	43.65	Location/each business
X.	354	Laundromats	102	150	110	9.00	9.70	10.40	11.20	Each washing machine
CC.	101	Vacant Residence	---	---	---	9.15	10.45	11.50	12.65	Each living unit
	211	Vacant Business	---	---	---	7.90	6.90	7.40	7.95	Each location/each business
	416	Mobile Washers (per year)	34	20	150	25.00	29.40	34.60	40.70	Each mobile washer per year
SPECIAL USER CHARGE FORMULA ACCOUNTS										
Y.	351	Laundry: Industrial	Usage	Sample	Sample	Based on "Special User Charge Formula" *				
	352	Laundry: Commercial	Usage	450	240	Based on "Special User Charge Formula" *				
Z.	366	Car Wash	Usage	20	150	Based on "Special User Charge Formula" *				
AA.	361	Major Hotel	Usage	500	600	Based on "Special User Charge Formula" *				
BB.	367	Truck Wash	Usage	180	270	Based on "Special User Charge Formula" *				
	407	Rec/Sports Center	Usage	150	150	Based on "Special User Charge Formula" *				
	401-410	Other	Usage	Sample	Sample	Based on "Special User Charge Formula" *				
SPECIAL USER CHARGE FORMULA RATES										
		Flow Charge				$687,000	$786,093	$899,480	$1,029,221	$ per mgd
		BOD Charge				815	936	1,075	1,235	$ per mgd x BOD strength
		SS Charge				337	476	672	950	$ per mgd x SS strength
		Fixed Charge				2.84	---	---	---	

SPECIAL USER CHARGE FORMULA

"Special User" means any establishment, which cannot be classified in any other category, based on individual flow and strength characteristics. The special user charge is determined based on applying the formula shown below. Actual water usage is ordinarily the basis for the special user's average daily flow.

Charge = (Flow Charge x V) + (BOD Charge x V x B) + (SS Charge x V x S)

Where: V = Average Daily Sewage Flow in Million Gallons per Day (mgd)

B = Average Sewage Biological Oxygen Demand (BOD) Concentration in mg/l

C = Average Sewage Suspended Solids (SS) Concentration in mg/l

Proposed Capacity Charges

Customer Class				Wastewater Flow Flow/Unit gpd	Flow Factor[1]	Wastewater Strength BOD mg/l	SS mg/l	Strength Factor[2]	EDUs Flow Factor x Strength Factor	Capacity Charge per Unit
RESIDENTIAL										
	102/105 107/109	Residential	Each living unit	150	1.00	300	300	1.00	1.000	$3,389.13
COMMERCIAL/INSTITUTIONAL										
A.	001	Business/Government	Location/each business	117	0.78	150	150	0.79	0.613	2,076.75
D.	221	Hotel/Motel	Each room	66	0.44	310	120	0.86	0.380	1,287.00
E.	222	Bed & Breakfast Inn	Each room	43	0.29	310	120	0.86	0.247	838.50
F.	231	Supermarket	Location	638	4.25	800	800	1.71	7.293	24,717.09
G.	241	Medical Office	Each licensed physician	156	1.04	130	80	0.72	0.746	2,527.96
H.	242	Dental Office	Each licensed dentist	215	1.43	130	80	0.72	1.028	3,484.05
I.	243	Rest Home/Convalescent	Each bed of licensed capacity	43	0.29	250	100	0.81	0.232	786.11
J.	244	General Hospital	Each bed of licensed capacity	256	1.71	250	100	0.81	1.381	4,680.12
K.	245	Animal Hospital	Location/each business	292	1.95	250	100	0.81	1.575	5,338.26
L.	261	Restaurant–One Meal	Each restaurant seat	6	0.04	1,000	600	1.68	0.067	228.04
	262	Restaurant–Two Meals	Each restaurant seat	9	0.06	1,000	600	1.68	0.101	342.06
	263	Restaurant–Three Meals	Each restaurant seat	17	0.11	1,000	600	1.68	0.191	646.11
M.	264	Restaurant w/Bar	Each restaurant seat	17	0.11	1,000	600	1.68	0.191	646.11
N.	265	Bar	Location/each business	254	1.69	200	200	0.86	1.451	4,918.64
O.	266	Nightclub	Location/each business	760	5.07	200	200	0.86	4.342	14,717.20
P.	267	Takeout Food–Small	Location/each business	283	1.89	500	300	1.13	2.126	7,204.09
	268	Takeout Food–Medium	Location/each business	697	4.65	500	300	1.13	5.235	17,742.92
	269	Takeout Food–Large	Location/each business	1,270	8.47	500	300	1.13	9.539	32,329.29
Q.	270	Bakery	Location/each business	230	1.53	1,000	600	1.68	2.579	8,741.49
R.	281	Theater	Per screen at each location	377	2.51	150	150	0.79	1.974	6,691.75
S.	282	Bowling Center	Location/each business	1,146	7.64	150	150	0.79	6.002	20,341.50
T.	290	Mortuary	Location/each business	310	2.07	800	800	1.71	3.544	12,009.87
U.	291	School (Minimum)	Each business	117	0.78	150	150	0.79	0.613	2,076.75
	292	School (0-6)	School population	2	0.01	130	100	0.73	0.010	33.13
	293	School (7-College)	School population	4	0.03	130	100	0.73	0.020	66.26
	294	Boarding School	School population	40	0.27	233	165	0.85	0.227	768.30
V.	331	Service Station/Repair	Location/each business	112	0.75	180	280	0.91	0.678	2,297.94
	332	Service Station/Repair (11-20)	Location/each business	112	0.75	180	280	0.91	0.678	2,297.94
W.	353	Dry Cleaners	Location/each business	386	2.57	150	150	0.79	2.022	6,851.50
X.	354	Laundromats	Each washing machine	102	0.68	150	110	0.75	0.513	1,737.12
			Mobile washers	34	0.23	20	150	0.70	0.159	540.25
SPECIAL USERS (Billed Individually)										
		Separate Billed Industrial/Commercial								
		Flow ($ per gpd)								1,935.73
		BOD ($ per lb / year)								643.94
		SS ($ per lb / year)								809.46

1 Flow Factor = Wastewater Flow in gallons per day (gpd) / 150

2 Strength Factor = 0.5712 + [0.1900 x BOD strength / 300] + [0.2388 x SS strength / 300]

With BOD and SS strengths in milligrams per liter (mg/l)

Updated Additional Fees & Charges		
Fee Description	**Current Fees**	**Updated Fees**
Interruptible Rates		
Agricultural Wash Water	$203.83 / Acre foot	$242.40 / Acre Foot
Blanco Drain	$76.34 / Acre foot	$94.22 / Acre Foot
Reclamation Ditch	$94.02 / Acre foot	$96.58 / Acre Foot
Salinas Storm Water	$70.78 / Acre foot	$91.26 / Acre Foot
Lake El Estero	$70.57 / Acre foot	$90.88 / Acre Foot
Pond Water (Ag Wash & Stormwater)	n/a	$95.88 / Acre Foot
Tembladero Slough	n/a	$112.63 / Acre Foot
Fee for Outside Services	Cost of service	Cost of service
Salinas Pond (User fees are assessed by the City of Salinas)	Cost of service	Cost of service
Return Item Fee	$10 / $15	$27.40 + bank return item fee (currently $17)
Lien Filing Fee	30	$30 per lien
Service Charge Billing Fee: Member Agencies	$0.20 per account	$0.44 per bill
Service Charge Billing Ree: Monterey County	$0.93 per account	$1.23 per bill
Lift Station Maintenance	Cost of service	Cost of service
Industrial Discharge Permit Non-Compliance Fee	Cost of service	Cost of service
Liquid Waste Discharge Fees		
Liquid Waste (Septage)	$0.04 / gallon	$0.085 / gallon
Grease	$0.11 / gallon	$0.11 / gallon
Biocell	$0.11 / gallon	$0.07 / gallon
Special	$0.11 / gallon	$0.05 / gallon
Annual Source Control Permit & Inspection Fees	*Current Classes & Permit Fees*	
ORIU	*Class A: $25*	$1,865
SIU	*Class C: $600*	$4,125
CIU		$4,125
Additional fees to the standard fees listed above may apply on a cost of service basis when additional services are provided, such as for dealing with issues, violations, and non-compliance.		
Annual Liquid Waste Hauler Permit Fee	$100	$200
Liquid Waste Deposit	$1,000	$1,000 minimum *With discretion to set a higher deposit, such as for larger customers or accts with delinquencies*
Brine (1)		
Brine w/Chemicals		$0.05 / gallon
All Other Brine	Varies from $0.025 to $0.11	$0.035 / gallon

1 Some brine costs are based on an Agreement between MRWPCA and other entities.

Note: Cost of service includes billable wages and benefits, overhead, materials, vehicle usage, mileage, lab fees, on-call costs, and other costs directly or indirectly incurred for providing the service for which a fee is charged.

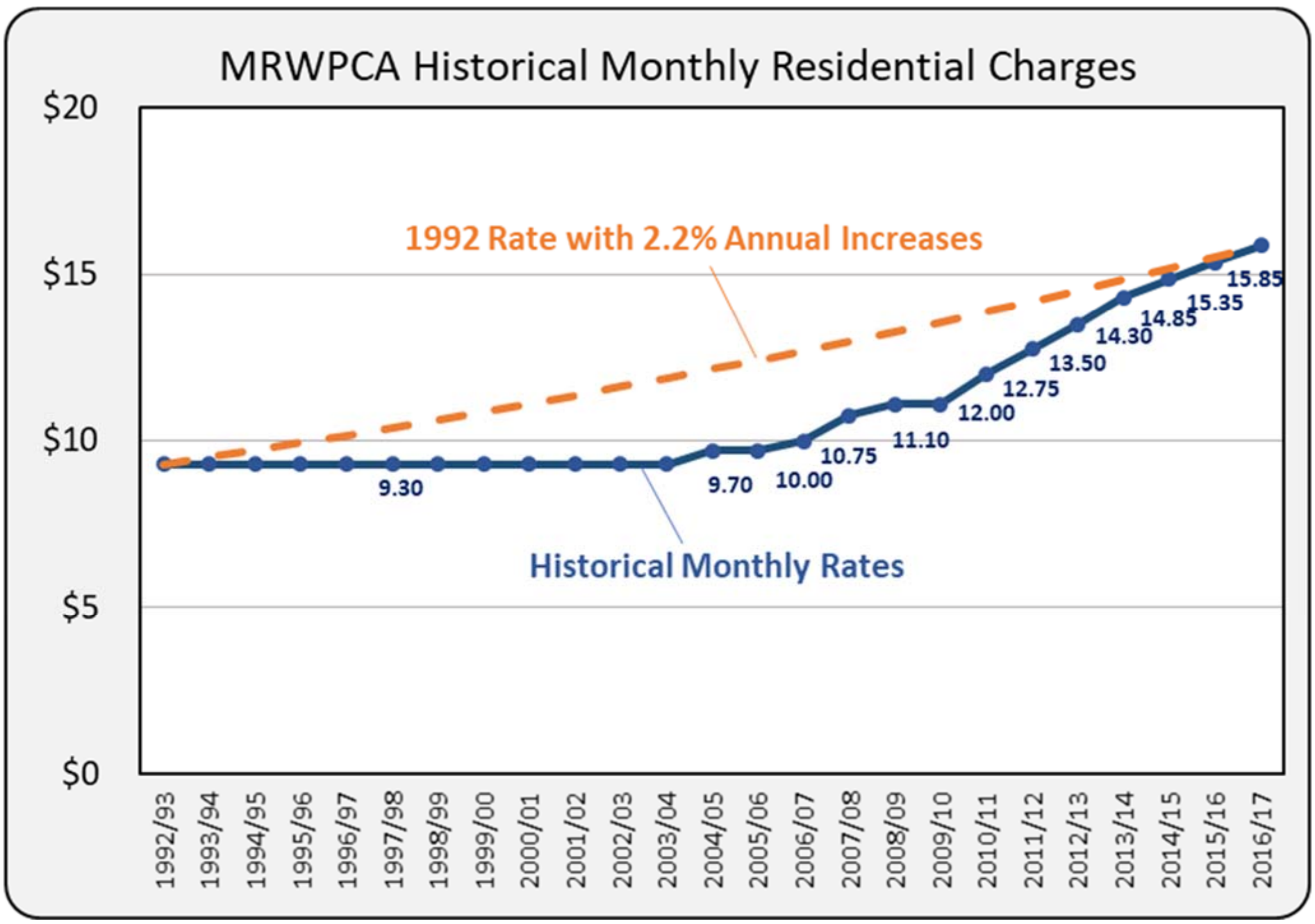
Standard fees and charges are shown above. Different fees or charges may be levied on case-by-case basis to better reflect the actual cost for providing a service, as determined by MRWPCA.

2 WASTEWATER FINANCIAL PLAN & RATE STUDY

2.1 Historical Rates

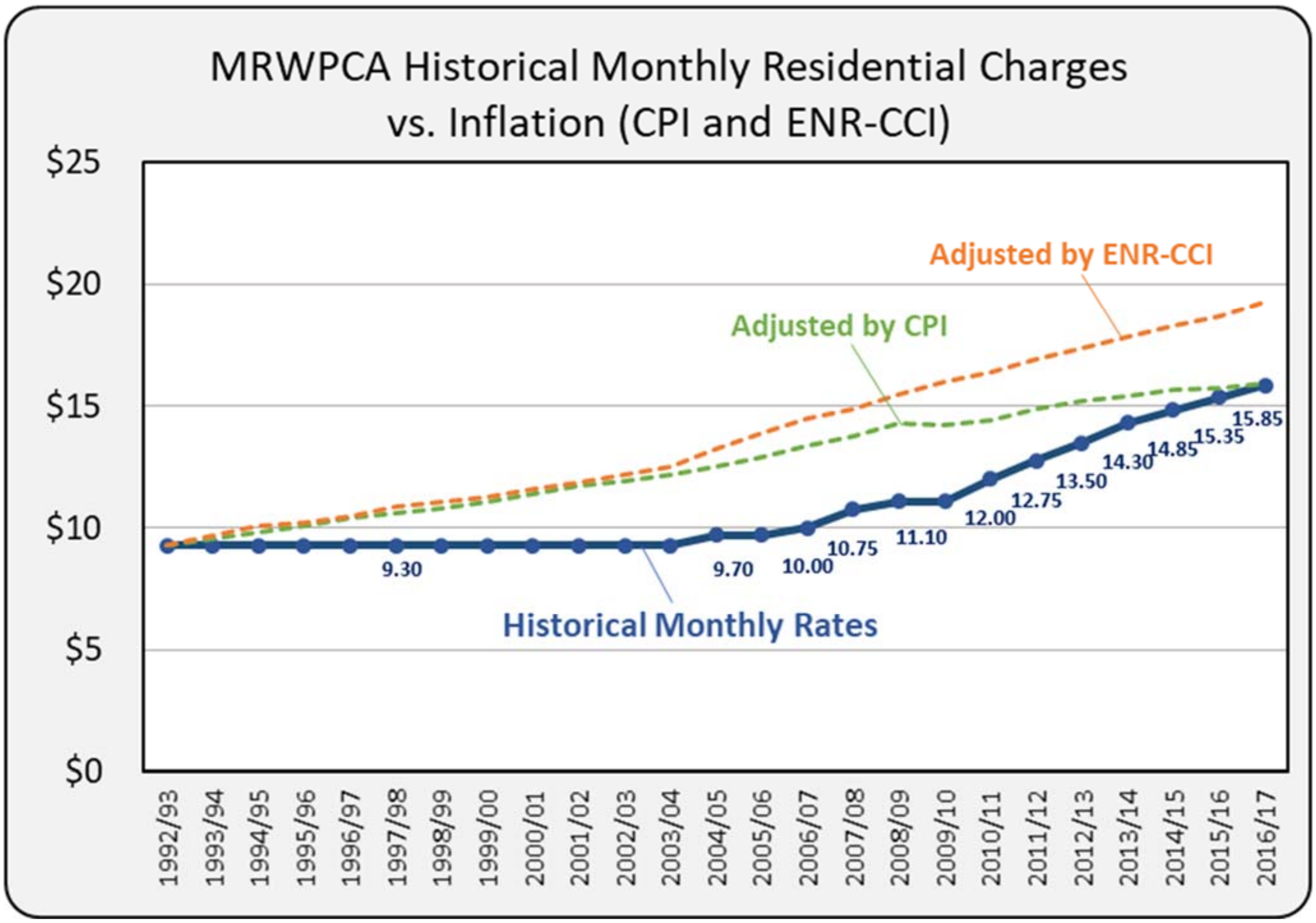
MRWPCA has provided good financial stewardship by gradually raising sewer rates in 9 of the past 10 years to keep rates in line with escalating costs of providing service and maintain financial stability. The following chart shows a long-term history of monthly residential wastewater treatment charges. MRWPCA did not adjust rates for over 10 years from 1992/93 to 2003/04 and subsequently began adopting small, gradual rate increases most years including each of the past 7 years. Since 1992, rates have risen at an average rate of approximately 2.2%. Since 2003/04, rates have risen by an average of approximately 4.2% per year.

Figure 1 – Historical Monthly Residential Charges



The following chart compares MRWPCA's historical residential rates to two measures of inflation including a) the Consumer Price Index (CPI), US City Average for Urban Consumers, and b) the Engineering News-Record Construction Cost Index (20-Cities Average), a widely-used measure of construction cost inflation. Cost inflation for utility agencies tends to be higher than CPI as utility agencies expenses are labor and capital intensive.

Figure 2 – Historical Monthly Residential Charges vs. Inflation



The table on the following page shows a breakdown of accounts by customer class along with rates from the past 3 years. MRWPCA levies fixed monthly charges that vary by customer type. Residential customers are billed per dwelling unit. Charges for commercial and institutional customers vary by type of business, and major industrial customers are billed on an individual basis based on wastewater flow and strength.

MRWPCA bills most customers on a monthly basis for wastewater treatment services via a combined bill that also includes the local wastewater collection system charges levied by its member agencies. Revenues collected on behalf of member agencies are maintained in a separate account and passed through to each member agency.

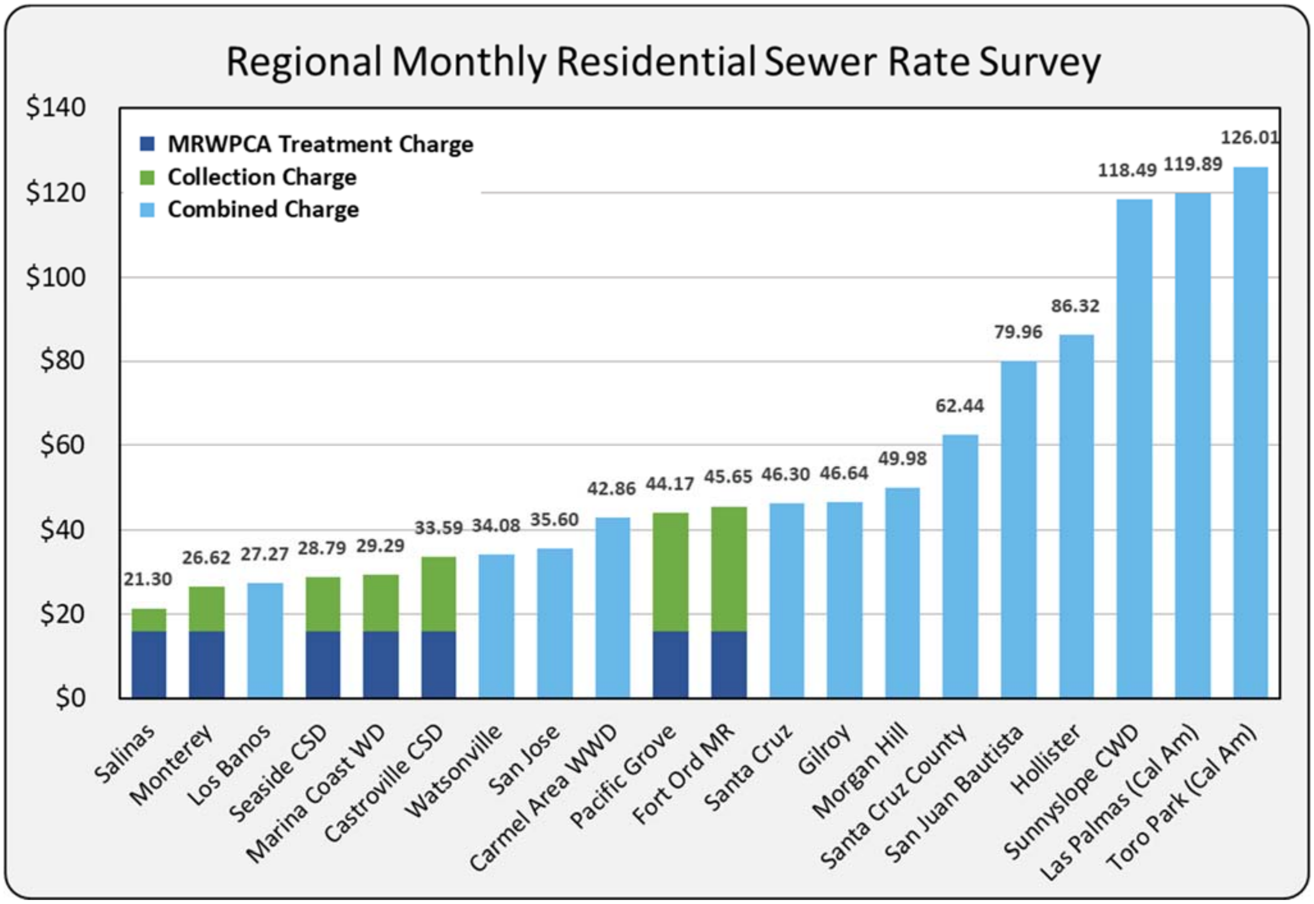
Table 1 – Accounts & Monthly Rates

Customer Class			Accounts (Est)	Billing Units		Historical Rates Effective 2014/15	2015/16	2016/17
RESIDENTIAL								
	102/105 107/109	Residential	51,778	86,971	Each living unit	$14.85	$15.35	$15.85
SUBTOTAL			**51,778**	**86,971**				
COMMERCIAL/INSTITUTIONAL								
A.	001	Business/Government	6,100	8,348	Location/each business	10.05	10.40	10.75
D.	221	Hotel/Motel	156	6,402	Each room	6.30	6.50	6.70
E.	222	Bed & Breakfast Inn	13	201	Each room	4.15	4.30	4.45
F.	231	Supermarket	53	53	Location	100.00	104.00	107.00
G.	241	Medical Office	660	660	Each licensed physician	12.85	13.30	13.75
H.	242	Dental Office	231	231	Each licensed dentist	17.60	18.20	18.80
I.	243	Rest Home/Convalescent	46	1,852	Each bed of licensed capacity	3.90	4.05	4.20
J.	244	General Hospital	5	5	Each bed of licensed capacity	23.15	23.95	24.70
K.	245	Animal Hospital	20	20	Location/each business	26.70	27.65	28.55
L.	261	Restaurant–One Meal	37	2,237	Each restaurant seat	0.95	1.00	1.05
	262	Restaurant–Two Meals	203	12,183	Each restaurant seat	1.45	1.50	1.55
	263	Restaurant–Three Meals	48	3,366	Each restaurant seat	2.80	2.90	3.00
M.	264	Restaurant w/Bar	80	11,895	Each restaurant seat	2.80	2.90	3.00
N.	265	Bar	37	37	Location/each business	23.05	23.85	24.60
O.	266	Nightclub	2	2	Location/each business	68.40	70.80	73.05
P.	267	Takeout Food–Small	308	308	Location/each business	33.40	34.55	35.65
	268	Takeout Food–Medium	62	62	Location/each business	81.65	84.50	87.20
	269	Takeout Food–Large	30	30	Location/each business	149.00	154.00	159.00
Q.	270	Bakery	98	98	Location/each business	38.55	39.90	41.20
R.	281	Theater	11	56	Per screen at each location	31.70	32.80	33.85
S.	282	Bowling Center	2	2	Location/each business	97.00	100.00	103.00
T.	290	Mortuary	7	7	Location/each business	48.95	50.65	52.25
U.	291	School (Minimum)	121	121	Each business	10.05	10.40	10.75
	292	School (0-6)	72	30,446	School population	0.13	0.13	0.13
	293	School (7-College)	42	30,016	School population	0.26	0.27	0.28
	294	Boarding School	7	1,387	School population	3.05	3.15	3.25
V.	331	Service Station/Repair	236	236	Location/each business	10.50	10.85	11.20
	332	Service Station/Repair (11-20)	4	4	Location/each business	10.50	10.85	11.20
W.	353	Dry Cleaners	18	18	Location/each business	32.80	33.95	35.05
X.	354	Laundromats	17	1,888	Each washing machine	8.40	8.70	9.00
SUBTOTAL			**8,726**					
SPECIAL USERS (Billed Individually)								
		Separate Billed Ind/Comm	120	120				
		Special Unit Rates						
		Flow ($ per mgd)				644,000	666,000	687,000
		BOD ($ per BOD x mgd)				763	789	815
		SS ($ per SS x mgd)				315	326	337
		Cust Svc ($ per account)				2.66	2.75	2.84
SUBTOTAL			**120**	**120**				
TOTAL ACCOUNTS			**60,624**					

2.2 Sewer Rate Surveys

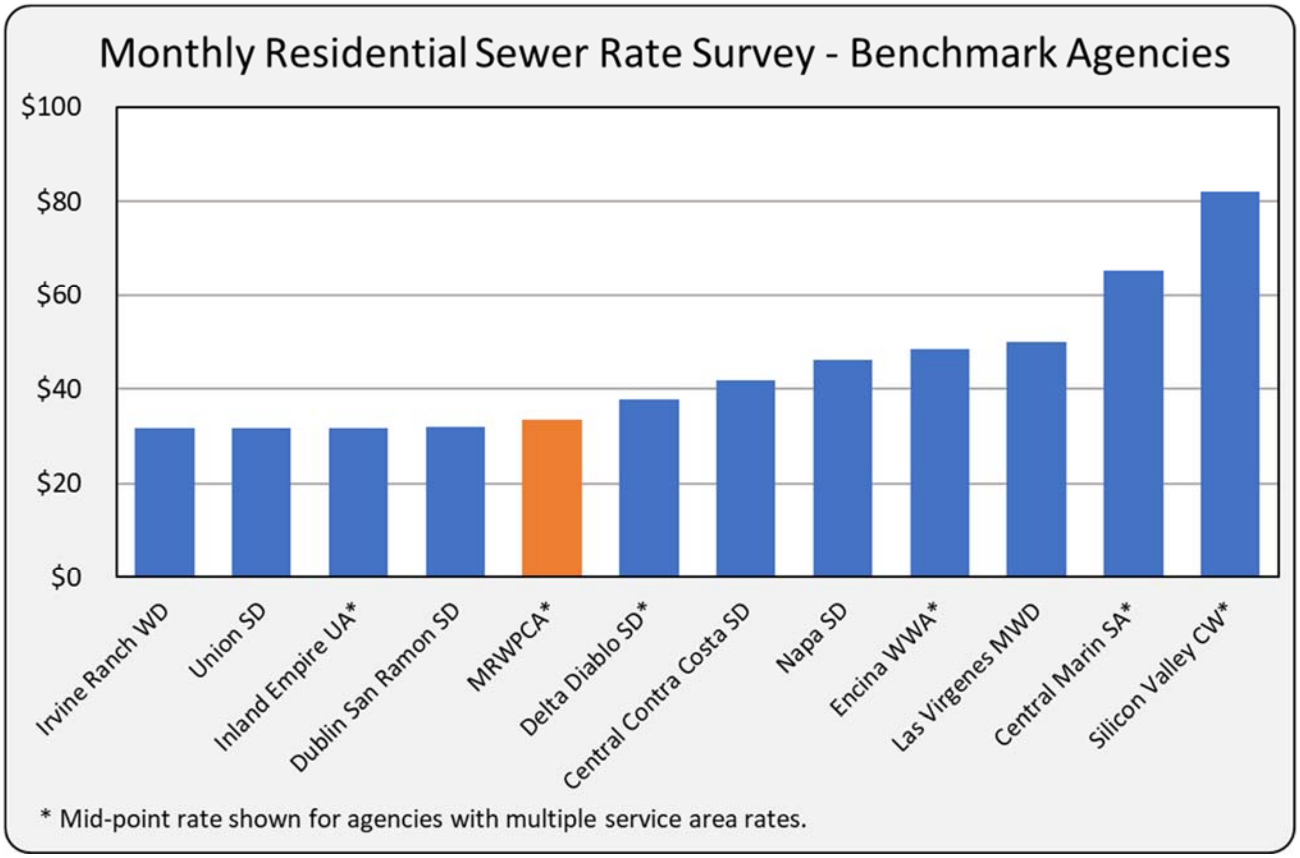
The following chart shows a survey of regional sewer rates. Rates for MRWPCA member agencies include two components as shown on the charge, including a) MRWPCA's wastewater treatment charge plus b) each agency's local charge for wastewater collection.

Figure 3 – Regional Sewer Rate Survey



The chart on the following page shows a survey of monthly residential sewer rates for a number of larger benchmark agencies in California. For agencies with multiple service area areas, the survey shows the mid-point rate (half way between the lowest and highest rate) as a representation of each agency's rates.

Figure 4 – Benchmark Agency Sewer Rate Survey



MRWPCA member agency sewer rates are in the low to middle range compared to the other regional and benchmark agencies. Rates can vary widely from agency to agency due to a wide range of factors. With the proposed rate increases, MRWPCA member agency rates are expected to remain in the lower to middle range in future years. Many of the other agencies on the surveys are also anticipating sewer rate increases in upcoming years.

2.3 Constitutional Rate Requirements

The wastewater treatment rates developed in this study were designed to comply with provisions of Article 13D, Section 6 of the California Constitution, established by Proposition 218. In accordance with these requirements, the proposed rates are designed to a) not exceed the cost of providing service, b) recover revenues in proportion to the cost for serving each customer.

Proposition 218 was adopted by California voters in 1996 and added Articles 13C and 13D to the California Constitution. Article 13D, Section 6 governs property-related charges, which the California Supreme Court subsequently ruled includes ongoing utility system charges such as water, sewer, and garbage rates. Article 13D, Section 6 establishes a) procedural requirements for imposing or increasing property-related charges, and b) substantive requirements for those charges. Article 13D also requires voter approval for new or increased property-related charges but exempts rates for water, sewer, and garbage service from this voting requirement if the rates comply with the substantive and procedural requirements established by Proposition 218.

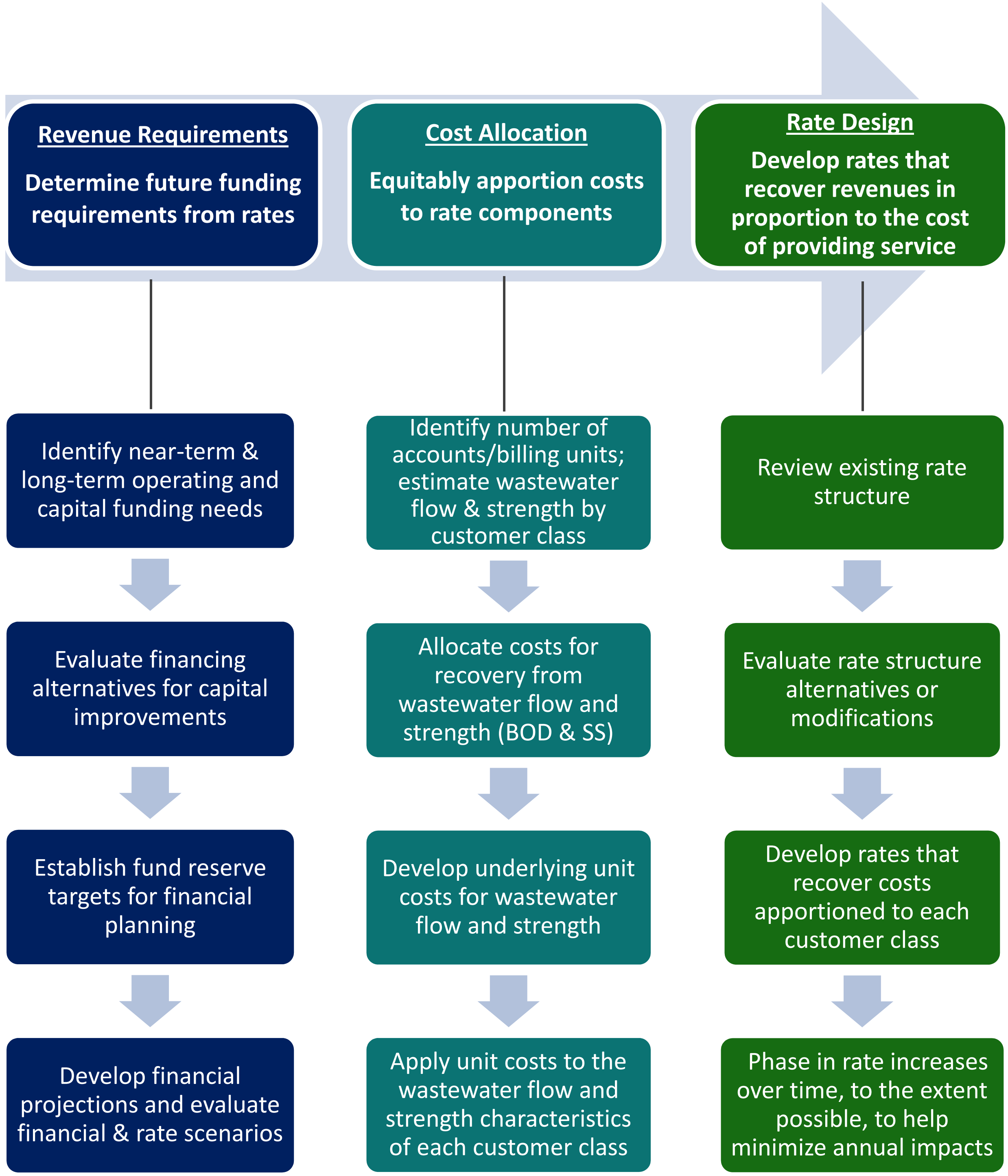
The substantive requirements of Article 13D, Section 6 require MRWPCA's wastewater treatment rates to meet the following conditions:

1) Revenues derived from the fee or charge shall not exceed the funds required to provide the property related service.
2) Revenues derived from the fee or charge shall not be used for any purpose other than that for which the fee or charge was imposed.
3) The amount of a fee or charge imposed upon any parcel or person as an incident of property ownership shall not exceed the proportional cost of the service attributable to the parcel.
4) No fee or charge may be imposed for a service unless that service is actually used by, or immediately available to, the owner of the property in question.
5) No fee or charge may be imposed for general governmental services, such as police or fire services, where the service is available to the public at large in substantially the same manner as it is to property owners.

2.4 Rate-Setting Methodology

The rates developed in this report use a straightforward methodology to develop rates that reflect the cost of providing service and fairly apportion costs to each customer. The general methodology used in this study is summarized on the diagram on the following page.

Cost of Service Rate-Setting Methodology



2.5 Sewer Financial Overview & Financial Challenges

Bartle Wells Associates conducted an independent evaluation of MRWPCA finances. Key observations include:

- MRWPCA's wastewater utility is a self-supporting enterprise funded primarily from wastewater service charges and other fees for service. The Agency does not receive property taxes. As such, rates and fees need to be set at levels adequate to support the costs of providing service.
- MRWPCA has provided good financial stewardship by adopting small annual sewer rate increases in 9 of the past 10 years to keep rates aligned with escalating costs of service.
- MRWPCA's fund reserves are on the low side based on standard financial metrics and compared to other benchmark agencies. However, the wastewater enterprise anticipates receiving reimbursement from an anticipated Clean Water State Revolving Fund Loan for prior expenses incurred for Pure Water Monterey. This reimbursement is roughly estimated at $4 million for financial planning purposes and is expected to restore available fund reserves/working capital to a prudent minimal level.
- MRWPCA capital improvement expenditures have averaged about $4.3 million over the 5 prior fiscal years (2011/12 – 2015/16) including about $3.8 million per year of infrastructure improvements and $500,000 of annual funding for capital equipment. Current rates generate roughly $4.0 million per year for capital needs. However, MRWPCA's facilities are aging and will require substantial increased investment for repair, maintenance, rehabilitation and replacement in upcoming years as described below.
- MRWPCA has a relatively low level of outstanding wastewater debt and does not anticipate issuing additional debt for wastewater system capital improvements in the foreseeable future.

2.6 Financial Challenges / Key Drivers of Rate Increases

Going forward, MRWPCA is facing a number of financial challenges that will require rate increases in upcoming years. Key drivers of rate increases include:

2.6.1 Capital Improvements / Aging Infrastructure

MRWPCA's wastewater system faces a substantial amount of capital improvements needed to address current deficiencies and rehabilitate and replace aging infrastructure. The wastewater treatment plant is now 27 years old and MRWPCA's pump stations are substantially older. A 10-year capital improvement program developed by MRWPCA's Engineering Department identifies over $92 million of infrastructure funding needs with future improvements averaging approximately $10 million per year. Additional capital funding needs may be identified by a comprehensive evaluation of MRWPCA's conveyance system that is currently underway, and a subsequent planned evaluation of the wastewater treatment plant.

MRWPCA plans to fund its wastewater system capital improvement needs on a pay-as-you-go basis, without reliance on debt financing. The proposed rate increases over the next 3 years will gradually phase-in increases in annual funding for capital improvements from the current level of approximately $4 million, generated by current rates, to almost $8 million per year when the rate increases are fully phased-in. The proposed rate increases over the next 3 years are gradual and significant steps in the right direction, however, the financial projections indicated additional rate increases will be needed in future years to continue the phase-in of capital funding to required levels.

2.6.2 Increased Operating Costs

MRWPCA also faces annual increases in operating costs due to inflation – including rising costs for utilities, staffing, insurance, supplies, etc. – and other factors. Cost inflation for wastewater utility agencies has historically been higher than the Consumer Price Index (CPI). MRWPCA may face additional funding needs in future years for maintenance of the wastewater treatment plant, which is now 27 years old, and conveyance system, which is even older.

MRWPCA is also facing increases in annual funding requirements for the California Public Employee Retirement System (PERS). Based on information provided by PERS, annual payments are projected to roughly triple over the next 6 years from approximately $800,000 per year in 2016/17 to over $2.3 million by 2022/23, largely due to a reduction in the projected earnings rate of future investments.

2.7 10-Year Cash Flow Projections

BWA developed 10-year cash flow projections to identify annual revenue requirements, evaluate financial scenarios, and determine future rate increases. The table on the next page shows 10-year wastewater cash flow projections. The projections incorporate the latest information available as well as a number of reasonable and slightly conservative assumptions. Key assumptions include:

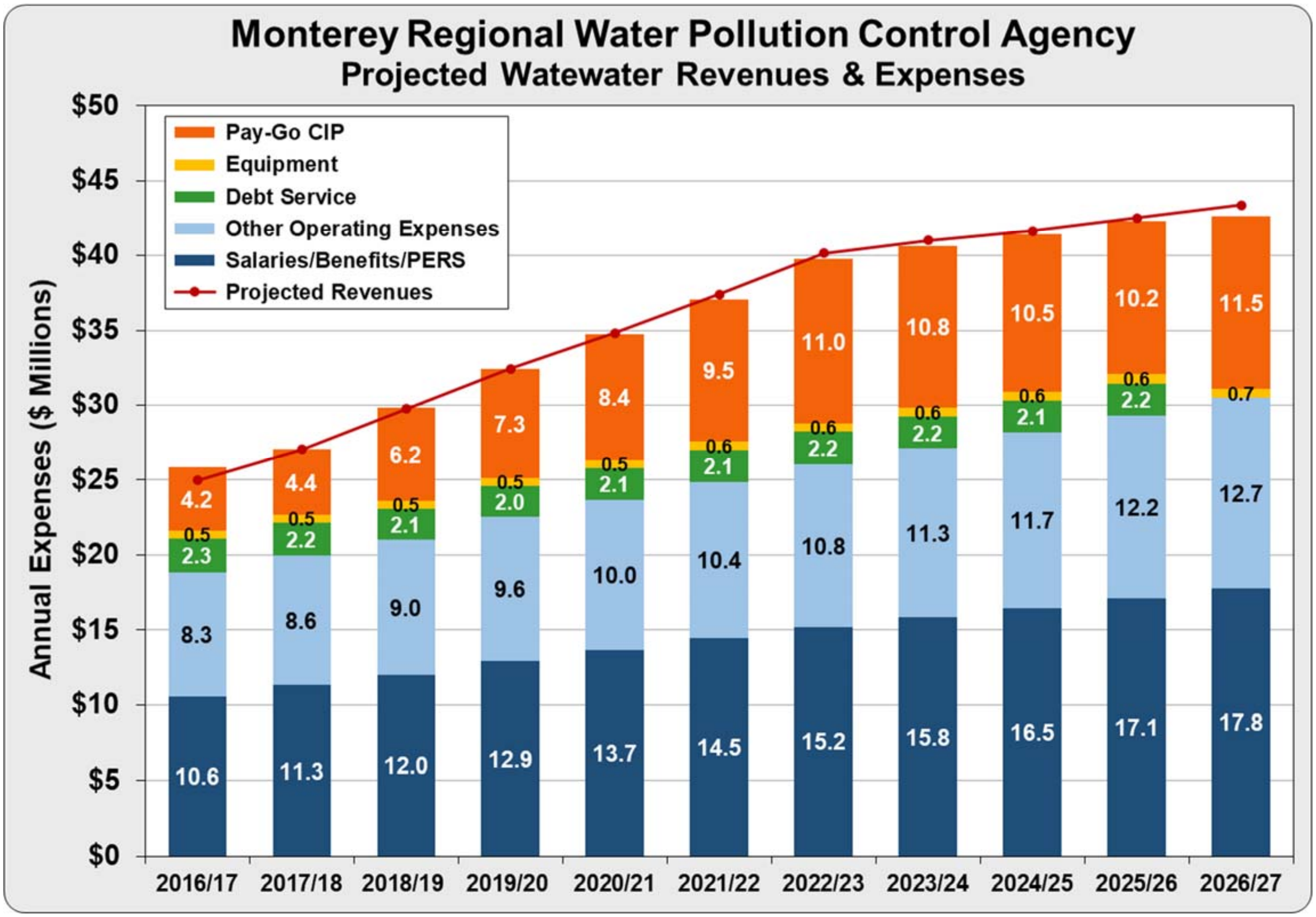
- Operating and maintenance costs are based on the 2016/17 budget and generally escalate at the annual rate of 4.0% to account for future cost inflation.
- Growth from new development and/or redevelopment is projected at the equivalent of 150 new single family homes per year for financial planning purposes.
- Capital improvement funding phases in corresponding with projected rate increases to levels that support MRWPCA's future annual CIP funding needs. The projections assume capital projects are funded on a pay-as-you-go basis with no debt financing.
- The projections include costs for new approved staff positions for public relations and administrative assistant.
- The projections account for future anticipated changes in operating costs and revenue reimbursements related to Pure Water Monterey.
- Other revenues and expenses are projected as shown on the table.
- The projections include a minimum fund reserve target for financial planning purposes set at 25% (3 months) of operating and maintenance expenses, plus $2 million for emergency CIP funding. The total minimum fund reserve target escalated over time from roughly $6.7 million in the current fiscal year 2016/17 to $8.2 million in 5 years.

Table 2 - 10-Year Cash Flow Projections

MRWPCA Wastewater Cash Flow Projections	Esc %	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27
Rate Adjustment %		3.26%	10.0%	10.0%	10.0%	8.0%	8.0%	8.0%	2.0%	2.0%	2.0%	2.0%
Projected Monthly Residential Charge		$15.85	$17.42	$19.15	$21.06	$22.74	$24.56	$26.52	$27.05	$27.59	$28.14	$28.70
Rate Adjustment $ (to Residential Charge)		$0.50	$1.57	$1.73	$1.91	$1.68	$1.82	$1.96	$0.53	$0.54	$0.55	$0.56
Residential Billing Equivalents		111,761	111,961	112,111	112,261	112,411	112,561	112,711	112,861	113,011	113,111	113,211
Growth (Residential Equivalents)		200	150	150	150	150	150	150	150	100	100	100
Interest Earnings Rate		0.7%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%
Capacity Charge per Residential Equivalent +2%		$3,506	$3,389	$3,457	$3,526	$3,597	$3,669	$3,742	$3,817	$3,893	$3,971	$4,050
Beginning Unrestricted Fund Reserves		$3,690,000	$6,845,000	$6,833,000	$6,784,000	$6,797,000	$6,897,000	$7,219,000	$7,595,000	$7,965,000	$8,197,000	$8,421,000
REVENUES												
Wastewater Treatment Charges	-	21,257,000	23,447,000	25,821,000	28,444,000	30,763,000	33,264,000	35,974,000	36,740,000	37,514,000	38,294,000	39,089,000
Military Wastewater Charges	-	374,000	374,000	374,000	374,000	374,000	374,000	374,000	374,000	374,000	374,000	374,000
Liquid Waste & Grease Haulers	2%	630,000	643,000	656,000	669,000	682,000	696,000	710,000	724,000	738,000	753,000	768,000
Brine	0%	183,000	183,000	183,000	183,000	183,000	183,000	183,000	183,000	183,000	183,000	183,000
Interruptible Rates (rate may change)	0%	365,000	365,000	365,000	365,000	365,000	365,000	365,000	365,000	365,000	365,000	365,000
User Penalties/Lien Penals & Trans	0%	425,000	425,000	425,000	425,000	425,000	425,000	425,000	425,000	425,000	425,000	425,000
NSD Agency Billing Fees	0%	86,000	86,000	86,000	86,000	86,000	86,000	86,000	86,000	86,000	86,000	86,000
Fee for Services - Outside Entities	2%	189,000	193,000	197,000	201,000	205,000	209,000	213,000	217,000	221,000	225,000	230,000
Lift Station Maintenance	2%	150,000	153,000	156,000	159,000	162,000	165,000	168,000	171,000	174,000	177,000	181,000
WRA Reclamation Indirect Charges	4%	426,000	443,000	461,000	479,000	498,000	518,000	539,000	561,000	583,000	606,000	630,000
Pure Water Monterey Indirect Charges	4%	0	0	300,000	312,000	324,000	337,000	350,000	364,000	379,000	394,000	410,000
Interest Earnings	-	30,000	68,000	68,000	68,000	68,000	69,000	72,000	76,000	80,000	82,000	84,000
Capacity Charges	-	700,000	508,000	519,000	529,000	540,000	550,000	561,000	573,000	389,000	397,000	405,000
Miscellaneous Income	0%	181,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000
Total Revenues		24,996,000	27,038,000	29,761,000	32,444,000	34,825,000	37,391,000	40,170,000	41,009,000	41,661,000	42,511,000	43,380,000
SRF Reimbursement to WW		4,000,000										
EXPENSES												
Operating & Maintenance												
Salaries & Benefits	4%	11,158,000	11,604,000	12,068,000	12,551,000	13,053,000	13,575,000	14,118,000	14,683,000	15,270,000	15,881,000	16,516,000
CalPERS Payments	-	790,000	947,000	1,219,000	1,516,000	1,809,000	2,109,000	2,369,000	2,464,000	2,563,000	2,666,000	2,773,000
Less Sals/Bens Charged to WRA & CIP	4%	(1,361,000)	(1,415,000)	(1,472,000)	(1,351,000)	(1,405,000)	(1,461,000)	(1,519,000)	(1,580,000)	(1,643,000)	(1,709,000)	(1,777,000)
New Positions: Adm Asst/Public Outreach	4%	0	208,000	216,000	225,000	234,000	243,000	253,000	263,000	274,000	285,000	296,000
New Positions: Back from GWR	4%	0	0	0	300,000	312,000	324,000	337,000	350,000	364,000	379,000	394,000
Professional/Contract Svcs/Op Supplie	4%	1,778,000	1,849,000	1,923,000	2,000,000	2,080,000	2,163,000	2,250,000	2,340,000	2,434,000	2,531,000	2,632,000
Chemicals	4%	1,454,000	1,512,000	1,572,000	1,635,000	1,700,000	1,768,000	1,839,000	1,913,000	1,990,000	2,070,000	2,153,000
Utilities	4%	2,274,000	2,365,000	2,460,000	2,558,000	2,660,000	2,766,000	2,877,000	2,992,000	3,112,000	3,236,000	3,365,000
Maintenance & Repairs	4%	1,213,000	1,262,000	1,312,000	1,364,000	1,419,000	1,476,000	1,535,000	1,596,000	1,660,000	1,726,000	1,795,000
Office Expense/Info Systems/Other	4%	1,092,000	1,136,000	1,181,000	1,228,000	1,277,000	1,328,000	1,381,000	1,436,000	1,493,000	1,553,000	1,615,000
Major O&M	4%	460,000	500,000	520,000	541,000	563,000	586,000	609,000	633,000	658,000	684,000	711,000
Subtotal		18,858,000	19,968,000	20,999,000	22,567,000	23,702,000	24,877,000	26,049,000	27,090,000	28,175,000	29,302,000	30,473,000
Debt Service												
2006 Wastewater Rev Bonds		127,000	1,024,000	0	0	0	0	0	0	0	0	0
2012 Wastewater Rev Refi Bonds		811,000	843,000	871,000	905,000	941,000	974,000	1,009,000	1,047,000	1,086,000	1,125,000	0
2013 Pension Obligation Bonds		1,313,000	315,000	1,225,000	1,129,000	1,136,000	1,156,000	1,157,000	1,106,000	1,054,000	1,028,000	0
Subtotal		2,251,000	2,182,000	2,096,000	2,034,000	2,077,000	2,130,000	2,166,000	2,153,000	2,140,000	2,153,000	0
Capital Improvements												
Capital Improvement Projects	3%	2,710,000	4,400,000	6,200,000	7,300,000	8,400,000	9,500,000	11,000,000	10,800,000	10,500,000	10,200,000	11,500,000
CIP Carry-Forward & GWR Contribution		1,522,000	0	0	0	0	0	0	0	0	0	0
Capitalized Equipment	3%	500,000	500,000	515,000	530,000	546,000	562,000	579,000	596,000	614,000	632,000	651,000
Subtotal		4,732,000	4,900,000	6,715,000	7,830,000	8,946,000	10,062,000	11,579,000	11,396,000	11,114,000	10,832,000	12,151,000
Total Expenses		25,841,000	27,050,000	29,810,000	32,431,000	34,725,000	37,069,000	39,794,000	40,639,000	41,429,000	42,287,000	42,624,000
Revenues Less Expenses		3,155,000	(12,000)	(49,000)	13,000	100,000	322,000	376,000	370,000	232,000	224,000	756,000
Ending Fund Reserves/Working Capital		6,845,000	6,833,000	6,784,000	6,797,000	6,897,000	7,219,000	7,595,000	7,965,000	8,197,000	8,421,000	9,177,000
Fund Rsrv Target (25% O&M +$2M CIP)		6,710,000	6,990,000	7,250,000	7,640,000	7,930,000	8,220,000	8,510,000	8,770,000	9,040,000	9,330,000	9,620,000
Debt Service Coverage: Wastewater Only		2.73	3.24	4.18	4.86	5.36	5.88	6.52	6.46	6.30	6.14	-
Debt Service Coverage: All Debt		1.95	2.19	2.13	2.34	2.54	2.75	3.00	3.00	2.96	2.93	4.37

The chart below graphically shows a 10-year breakdown of projected expenses and revenues.

Figure 5 –Projected Revenues & Expenses



2.8 Debt Service Coverage Projections

The table on the next page shows 10-year debt service coverage projections for debt secured by the wastewater agency, the Water Reclamation Authority, and Pure Water Monterey. As required by the State Revolving Fund (SRF) Financing Program, MRWPCA's SRF loan for financing Pure Water Monterey facilities is secured by net revenues from Pure Water Monterey and MRWPCA's wastewater system.

Table 3 - 10-Year Debt Service Coverage Projections

MRWPCA Debt Service Coverage Projections

	Esc %	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27
REVENUES												
Wastewater Revenues												
Wastewater Treatment Charges		21,257,000	23,447,000	25,821,000	28,444,000	30,763,000	33,264,000	35,974,000	36,740,000	37,514,000	38,294,000	39,089,000
Other Wastewater Revenues		3,739,000	3,591,000	3,940,000	4,000,000	4,062,000	4,127,000	4,196,000	4,269,000	4,147,000	4,217,000	4,291,000
Subtotal		24,996,000	27,038,000	29,761,000	32,444,000	34,825,000	37,391,000	40,170,000	41,009,000	41,661,000	42,511,000	43,380,000
Reclamation Reimbursements												
Operating Reimbursements		4,365,000	4,496,000	4,631,000	4,770,000	4,913,000	5,060,000	5,212,000	5,368,000	5,529,000	5,695,000	5,866,000
Debt Service Reimbursements		1,767,000	1,752,000	1,105,000	1,090,000	1,075,000	1,060,000	1,045,000	1,030,000	1,015,000	1,000,000	985,000
Subtotal		6,132,000	6,248,000	5,736,000	5,860,000	5,988,000	6,120,000	6,257,000	6,398,000	6,544,000	6,695,000	6,851,000
Pure Water Monterey Revenues												
Water Sales (Cal-Am)	2%	-	-	6,020,000	6,140,000	6,263,000	6,388,000	6,516,000	6,646,000	6,779,000	6,915,000	7,053,000
Other Revenues	2%	-	-	1,368,000	1,395,000	1,423,000	1,451,000	1,480,000	1,510,000	1,540,000	1,571,000	1,602,000
Subtotal		-	-	7,388,000	7,535,000	7,686,000	7,839,000	7,996,000	8,156,000	8,319,000	8,486,000	8,655,000
Total Revenues		31,128,000	33,286,000	42,885,000	45,839,000	48,499,000	51,350,000	54,423,000	55,563,000	56,524,000	57,692,000	58,886,000
OPERATING EXPENSES												
Wastewater O&M		18,858,000	19,968,000	20,999,000	22,567,000	23,702,000	24,877,000	26,049,000	27,090,000	28,175,000	29,302,000	30,473,000
Reclamation O&M	3%	4,365,000	4,496,000	4,631,000	4,770,000	4,913,000	5,060,000	5,212,000	5,368,000	5,529,000	5,695,000	5,866,000
Pure Water Monterey O&M	1.5%	-	-	3,400,000	3,451,000	3,503,000	3,556,000	3,609,000	3,663,000	3,718,000	3,774,000	3,831,000
Total Operating Expenses		23,223,000	24,464,000	29,030,000	30,788,000	32,118,000	33,493,000	34,870,000	36,121,000	37,422,000	38,771,000	40,170,000
NET REVENUES		7,905,000	8,822,000	13,855,000	15,051,000	16,381,000	17,857,000	19,553,000	19,442,000	19,102,000	18,921,000	18,716,000
DEBT SERVICE												
2006 Bonds (MRWPCA)		127,000	1,024,000	-	-	-	-	-	-	-	-	-
2012 Bonds (MRWPCA)		811,000	843,000	871,000	905,000	941,000	974,000	1,009,000	1,047,000	1,086,000	1,125,000	-
2013 Bonds (MRWPCA)		1,313,000	315,000	1,225,000	1,129,000	1,136,000	1,156,000	1,157,000	1,106,000	1,054,000	1,028,000	-
Future Bonds/Loans (MRWPCA)		0	0	0	0	0	0	0	0	0	0	0
1999 SRF Loan (SVRP)		632,000	632,000	-	-	-	-	-	-	-	-	-
2003 USBR Loan (SVRP)		1,135,000	1,120,000	1,105,000	1,090,000	1,075,000	1,060,000	1,045,000	1,030,000	1,015,000	1,000,000	985,000
2017 SRF Loan (PWM)		-	-	3,300,000	3,300,000	3,300,000	3,300,000	3,300,000	3,300,000	3,300,000	3,300,000	3,300,000
Line of Credit Payments (PWM)		30,000	100,000	-	-	-	-	-	-	-	-	-
Total Debt Service		4,048,000	4,034,000	6,501,000	6,424,000	6,452,000	6,490,000	6,511,000	6,483,000	6,455,000	6,453,000	4,285,000
DEBT SERVICE COVERAGE												
Wastewater Agency		2.73	3.24	4.18	4.86	5.36	5.88	6.52	6.46	6.30	6.14	-
Water Reclamation Authority		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Pure Water Monterey		-	-	1.21	1.24	1.27	1.30	1.33	1.36	1.39	1.43	1.46
Total Debt Service Coverage		**1.95**	**2.19**	**2.13**	**2.34**	**2.54**	**2.75**	**3.00**	**3.00**	**2.96**	**2.93**	**4.37**
REMAINING NET REVENUES												
Wastewater Agency		3,887,000	4,888,000	6,666,000	7,843,000	9,046,000	10,384,000	11,955,000	11,766,000	11,346,000	11,056,000	12,907,000
Water Reclamation Authority		0	0	0	0	0	0	0	0	0	0	0
Pure Water Monterey		(30,000)	(100,000)	688,000	784,000	883,000	983,000	1,087,000	1,193,000	1,301,000	1,412,000	1,524,000
Total Remaining Net Revenues		3,857,000	4,788,000	7,354,000	8,627,000	9,929,000	11,367,000	13,042,000	12,959,000	12,647,000	12,468,000	14,431,000

2.9 Rate Revenue Increases

The cash flow projections indicate the need for rate increases over the next 3 years and beyond in order to fund MRWPCA's future revenue requirements and maintain financial stability. The proposed increases are designed to increase revenues from rates by 10% each year for the next 3 years as shown on the table below. However, while the overall level of increase is projected at 10% each year, the impacts to the rates for each customer class may vary as the proposed rates also account for adjustments due to updated cost allocations and a realignment of rates with the cost of service.

Table 4 – Projected Rate Revenue Increases

	2017/18	2018/19	2019/20
Projected Rate Increases	**10%**	**10%**	**10%**

In future years, MRWPCA can re-evaluate its finances and revenue requirements and adjust rates as needed based on future updated projections. While MRWPCA always has the flexibility to implement rate adjustments that are lower than adopted pursuant to the Proposition 218 process, future rates cannot exceed adopted increases without going through the Proposition 218 process again. As such, rates adopted pursuant to Proposition 218 are essentially future rate caps.

2.10 Sewer Rate Increase Alternatives

As part of the rate study process, BWA worked with MRWPCA to evaluate a number of financial and rate scenarios, including scenarios with both lower and higher levels of rate increases. Lower levels of rate increases would have generated inadequate funding or required debt financing to help fund capital improvement needs, and would have resulted in the need for higher rate increases after the next 3 years. Higher levels of rate increases would have phased-in additional capital funding quicker, and would have resulted in the need for lower future rate increases. Ultimately, MRWPCA is proposing to move forward with a balanced approach that attempts to minimize the near-term and long-term impact on ratepayers while prudently phasing in higher levels funding for capital improvement needs.

2.11 Cost Recovery Allocations

BWA worked closely with MRWPCA staff to develop rates that equitably apportion costs to each of the Agency's customer classes. Costs were allocated to wastewater flow, BOD and SS for purposes of developing underlying rates for each of these parameters that are subsequently applied to the wastewater flow and strength characteristics of each customer class to determine a rate that reflects the costs of providing service to each customer class. For development of rates, costs were allocated for fiscal year 2019/20, the third and final year of the proposed rate increases.

- Future anticipated increases in CalPERS contribution requirements are allocated to each department based on each department's share of budgeted CalPERS funding requirements.
- Operating and maintenance expenses and capital improvement program costs are allocated for recovery from wastewater flow, BOD and SS based on input from MRWPCA's Engineering Department. These allocations reflect engineering estimates of the share of costs related to wastewater flow and strength for each expense item. For example, costs for MRWPCA's conveyance system are predominantly allocated to wastewater flow, while costs for the wastewater treatment plant are allocated to mix of flow, BOD and SS based on a reasonable estimate of the share of costs associated with each parameter.
- For purposes of rate recovery, net costs are allocated for recovery as follows:

Table 5 – Cost Allocations

Cust Svc/Accts	Flow	BOD	SS
3.27%	57.84%	22.49%	16.40%

2.12 Unit Cost Derivation

Unit costs for wastewater flow, BOD and SS were developed based on a) the total amount of costs allocated to each parameter, divided by b) the estimated billable volume of wastewater flow or pounds of BOD and SS generated by MRWPCA's customer base. These unit costs are then applied to the wastewater flow and strength characteristics of each customer class.

- Wastewater flow per residential dwelling unit has declined over the past decade, including a significant decrease in recent years as customers have cut back water use, and correspondingly sewer discharge, in response to California's recent drought. As flows have decreased, wastewater strength concentrations have increased. Residential wastewater discharge is estimated as follows:

Table 6 – Projected Rate Revenue Increases

	Flow (gpd)	BOD (mg/l)	SS (mg/l)
Prior Estimates	189	265	265
Updated Estimates	150	300	300

- Flows from commercial and institutional customers were estimated at 80% of historical flow factors to account for reductions in water use and wastewater discharge over the past 5-10 years as customers have reduced water and sewer use due to conservation and improved efficiency.

- Wastewater flow and strength loading from major industrial customers was estimated based on metered flow from calendar year 2016 and estimated wastewater strength for each customer based on industry type or actual wastewater sampling data.

The following table shows the derivation of underlying unit rates for fiscal year 2019/20, which are subsequently applied to the wastewater flow and strength characteristics of each customer class to derive rates that reflect the cost of providing service to each type of customer. These unit rates are designed to support the revenue requirements for 2019/20 as determined based on the financial projections. Unit rates are calculated by dividing the costs allocated to wastewater flow, BOD, SS, and customer service by the volume of annual billable flow, BOD and SS.

Table 7 – Unit Rates for Wastewater Flow & Strength

	Cust Svc/Accts	Flow	BOD	SS	Total
2019/20 Rate Recovery	$930,241	$16,452,983	$6,397,224	$4,663,553	$28,444,000
	3.27%	57.84%	22.49%	16.40%	100.00%
Billing Units for Cost Recovery					
Residential	13,045,650	13,045,650	11,913,679	11,913,679	
Commercial	2,771,609	2,771,609	2,796,949	1,845,673	
Special Users	1,004,928	1,004,928	996,986	1,130,695	
Growth (Res Equivs)	67,500	67,500	56,506	56,506	
Total	16,889,687	16,889,687	15,764,121	14,946,554	
	gpd	gpd	lbs	lbs	
Cost per Unit	**$0.0551**	**$0.9741**	**$0.4058**	**$0.3120**	
	per gpd	**per gpd**	**per lb**	**per lb**	
Cost per Unit for Special User Formula					
	Included>	$1,029,221	$1,235	$950	
		per mgd	per BOD x mgd	per SS x mgd	

2.13 Proposed Wastewater Treatment Rates

The table on the next page shows estimated wastewater flows and loadings for each customer class along with proposed rates for the next 3 fiscal years. To help minimize the annual impact on ratepayers and facilitate a gradual transition, rates are phased in over 3 years from current levels to rates derived for 2019/20.

Table 8 – Proposed Wastewater Treatment Rates

Proposed MRWPCA Wastewater Treatment Rates										
User Category			Average Flow (gpd)	Wastewater Strength BOD (mg/l)	Wastewater Strength SS (mg/l)	Current Monthly Rate	Monthly Rate per Unit Effective July 1 2017	July 1 2018	July 1 2019	Billing Unit
RESIDENTIAL										
B.	102/105 107/109	Residential	150	300	300	$15.85	$17.40	$19.15	$21.05	Each living unit
COMMERCIAL/INSTITUTIONAL										
A.	001	Business/Government	117	150	150	$10.75	$11.50	$12.35	$13.25	Location/each business
C.	102	Transient Occupancy (Resid)	150	300	300	15.85	17.40	19.15	21.05	Each living unit
D.	221	Hotel/Motel	66	310	120	6.70	7.20	7.80	8.40	Each room
E.	222	Bed & Breakfast Inn	43	310	120	4.45	4.75	5.10	5.45	Each room
F.	231	Supermarket	638	800	800	107.00	119.10	132.60	147.60	Location
G.	241	Medical Office	156	130	80	13.75	14.60	15.50	16.45	Each licensed physician
H.	242	Dental Office	215	130	80	18.80	20.00	21.30	22.70	Each licensed dentist
I.	243	Rest Home/Convalescent	43	250	100	4.20	4.50	4.80	5.15	Each bed of licensed capacity
J.	244	General Hospital	256	250	100	24.70	26.50	28.50	30.60	Each bed of licensed capacity
K.	245	Animal Hospital	292	250	100	28.55	30.50	32.65	34.90	Location/each business
L.	261	Restaurant–One Meal	6	1000	600	1.05	1.15	1.30	1.40	Each restaurant seat
	262	Restaurant–Two Meals	9	1000	600	1.55	1.70	1.90	2.10	Each restaurant seat
	263	Restaurant–Three Meals	17	1000	600	3.00	3.30	3.65	4.00	Each restaurant seat
M.	264	Restaurant w/Bar	17	1000	600	3.00	3.30	3.65	4.00	Each restaurant seat
N.	265	Bar	254	200	200	24.60	26.60	28.70	31.05	Location/each business
O.	266	Nightclub	760	200	200	73.05	79.15	85.75	92.85	Location/each business
P.	267	Takeout Food–Small	283	500	300	35.65	38.70	41.95	45.55	Location/each business
	268	Takeout Food–Medium	697	500	300	87.20	94.85	103.15	112.20	Location/each business
	269	Takeout Food–Large	1,270	500	300	159.00	172.90	188.00	204.40	Location/each business
Q.	270	Bakery	230	1000	600	41.20	45.15	49.50	54.30	Location/each business
R.	281	Theater	377	150	150	33.85	36.55	39.50	42.65	Per screen at each location
S.	282	Bowling Center	1,146	150	150	103.00	111.20	120.05	129.60	Location/each business
T.	290	Mortuary	310	800	800	52.25	58.05	64.55	71.70	Location/each business
U.	291	School (Minimum)	117	150	150	10.75	11.50	12.35	13.25	Each business
	292	School (Grades 0-6)	2	130	100	0.13	0.15	0.18	0.21	School population
	293	School (Grade 7-College)	4	130	100	0.28	0.32	0.37	0.43	School population
	294	Boarding School	40	233	165	3.25	3.75	4.30	4.90	School population
V.	331	Service Station/Repair	112	180	280	11.20	12.10	13.10	14.15	Location/each business
	332	Svc Station/Repair (11-20)	112	180	280	11.20	12.10	13.10	14.15	Location/each business
W.	353	Dry Cleaners	386	150	150	35.05	37.70	40.55	43.65	Location/each business
X.	354	Laundromats	102	150	110	9.00	9.70	10.40	11.20	Each washing machine
CC.	101	Vacant Residence	---	---	---	9.15	10.45	11.50	12.65	Each living unit
	211	Vacant Business	---	---	---	7.90	6.90	7.40	7.95	Each location/each business
	416	Mobile Washers (per year)	34	20	150	25.00	29.40	34.60	40.70	Each mobile washer per year
SPECIAL USER CHARGE FORMULA ACCOUNTS										
Y.	351	Laundry: Industrial	Usage	Sample	Sample	Based on "Special User Charge Formula" *				
	352	Laundry: Commercial	Usage	450	240	Based on "Special User Charge Formula" *				
Z.	366	Car Wash	Usage	20	150	Based on "Special User Charge Formula" *				
AA.	361	Major Hotel	Usage	500	600	Based on "Special User Charge Formula" *				
BB.	367	Truck Wash	Usage	180	270	Based on "Special User Charge Formula" *				
	407	Rec/Sports Center	Usage	150	150	Based on "Special User Charge Formula" *				
	401-410	Other	Usage	Sample	Sample	Based on "Special User Charge Formula" *				
SPECIAL USER CHARGE FORMULA RATES										
		Flow Charge				$687,000	$786,093	$899,480	$1,029,221	$ per mgd
		BOD Charge				815	936	1,075	1,235	$ per mgd x BOD strength
		SS Charge				337	476	672	950	$ per mgd x SS strength
		Fixed Charge				2.84	---	---	---	

SPECIAL USER CHARGE FORMULA

"Special User" means any establishment, which cannot be classified in any other category, based on individual flow and strength characteristics. The special user charge is determined based on applying the formula shown below. Actual water usage is ordinarily the basis for the special user's average daily flow.

Charge = (Flow Charge x V) + (BOD Charge x V x B) + (SS Charge x V x S)

Where: V = Average Daily Sewage Flow in Million Gallons per Day (mgd)

B = Average Sewage Biological Oxygen Demand (BOD) Concentration in mg/l

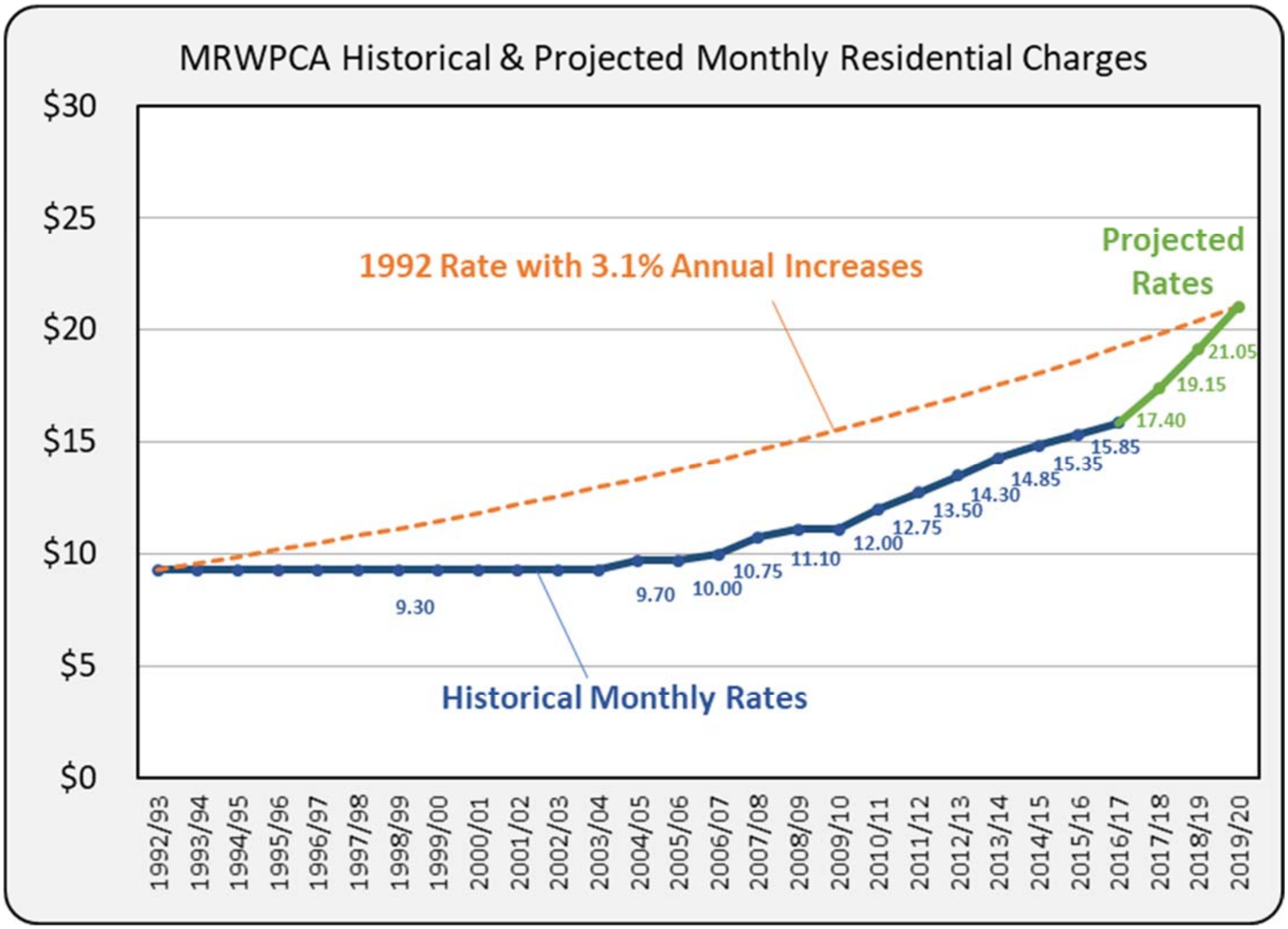
C = Average Sewage Suspended Solids (SS) Concentration in mg/l

2.14 Rate Impacts

With MRWPCA's proposed wastewater treatment rate increases, the total sewer service charges of MRWPCA member agencies are projected to remain in the lower to middle range compared to other regional agencies.

The following chart shows historical and projected monthly residential wastewater treatment rates. From a long-term perspective, residential rates with the full 3-year phase-in of proposed rate increases will equal the 1992 rate adjusted at the annual rate of 3.1%.

Figure 6 – Historical & Projected Sewer Charges



The dollar impact of the proposed rate increases on residential customers is summarized below. With full implementation of proposed rate increases over the next 3 years, residential rates will increase by a total of $5.20 per month.

Table 9 – Residential Rate Impact

	Current	2017/18	2018/19	2019/20
Monthly Residential Rate	$15.85	$17.40	$19.15	$21.05
Increase		1.55	1.75	1.90

MRWPCA's proposed rate increases only apply to a portion of the total combined sewer service charge for each member agency. Currently, MRWPCA's charges account for anywhere from about 35% of total sewer charges (for Pacific Grove and Fort Ord) to as high as 75% of the total charge in Salinas (which has the lowest regional rates for wastewater collection based on the survey).

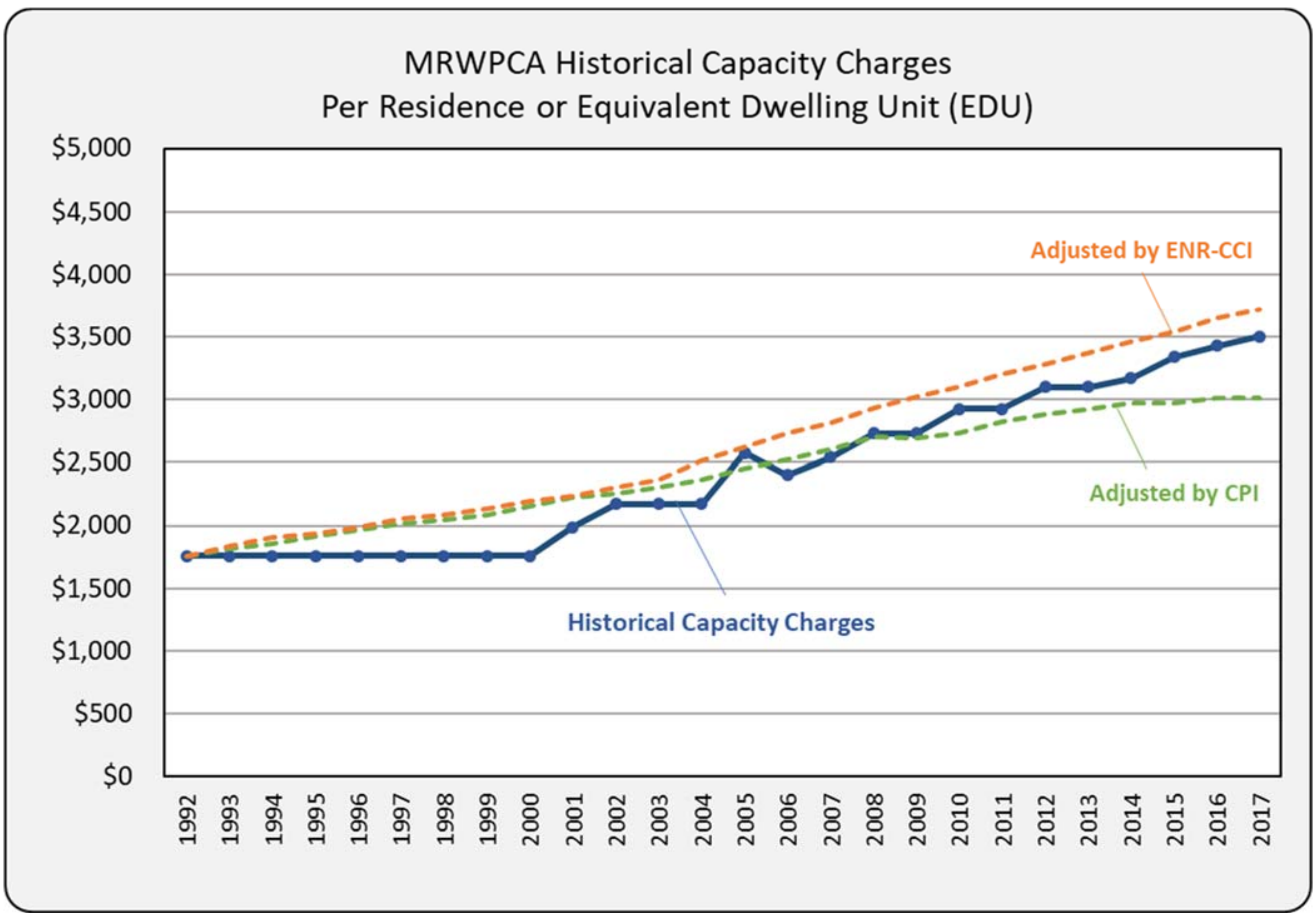
3 CAPACITY CHARGE UPDATE

3.1 Capacity Charges

MRWPCA levies capacity charges on new or expanded connections to MRWPCA's wastewater system. Capacity charges are levied as a condition of development or change in use, and are designed to recover the cost of capacity in infrastructure and assets benefitting new development. MRWPCA's capacity charges have not been independently reviewed or updated in many years. Since the early 2000s, MRWPCA has adjusted its capacity charges most years by the change in the Engineering News-Record (ENR) Construction Cost Index, a widely-used measure of construction cost inflation.

The following chart shows a history of MRWPCA's capacity charges per Equivalent Dwelling Unit (EDU). One EDU represents the wastewater demand of a typical residential dwelling unit. MRWPCA's current capacity charge of $3,505 per EDU is equivalent to the charge per EDU levied in 1992 adjusted by roughly 2.8% per year for the past 25 years. This level of escalation falls between CPI and the ENR Construction Cost Index.

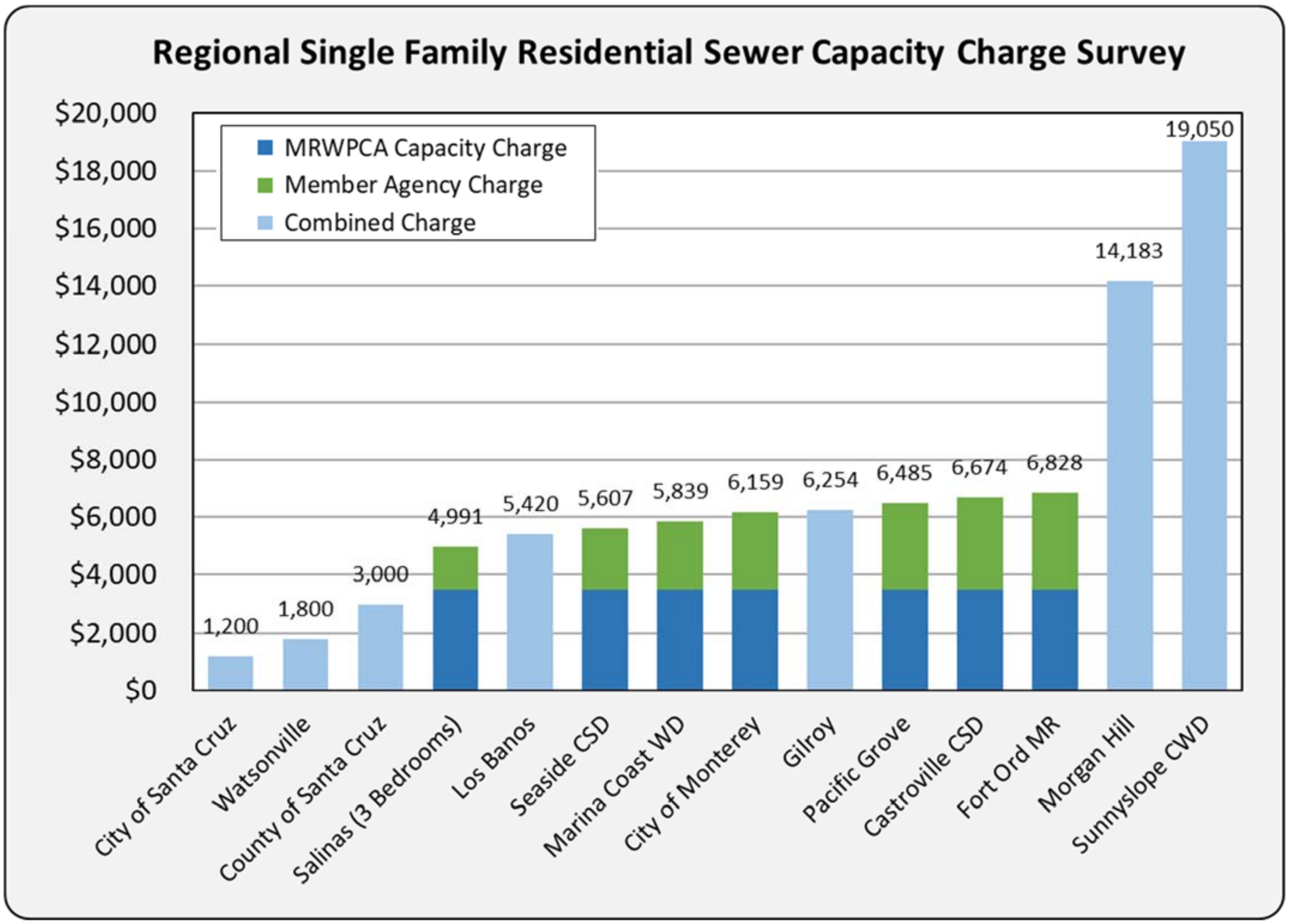
Figure 7 – Historical Capacity Charges per EDU



3.2 Capacity Charge Surveys

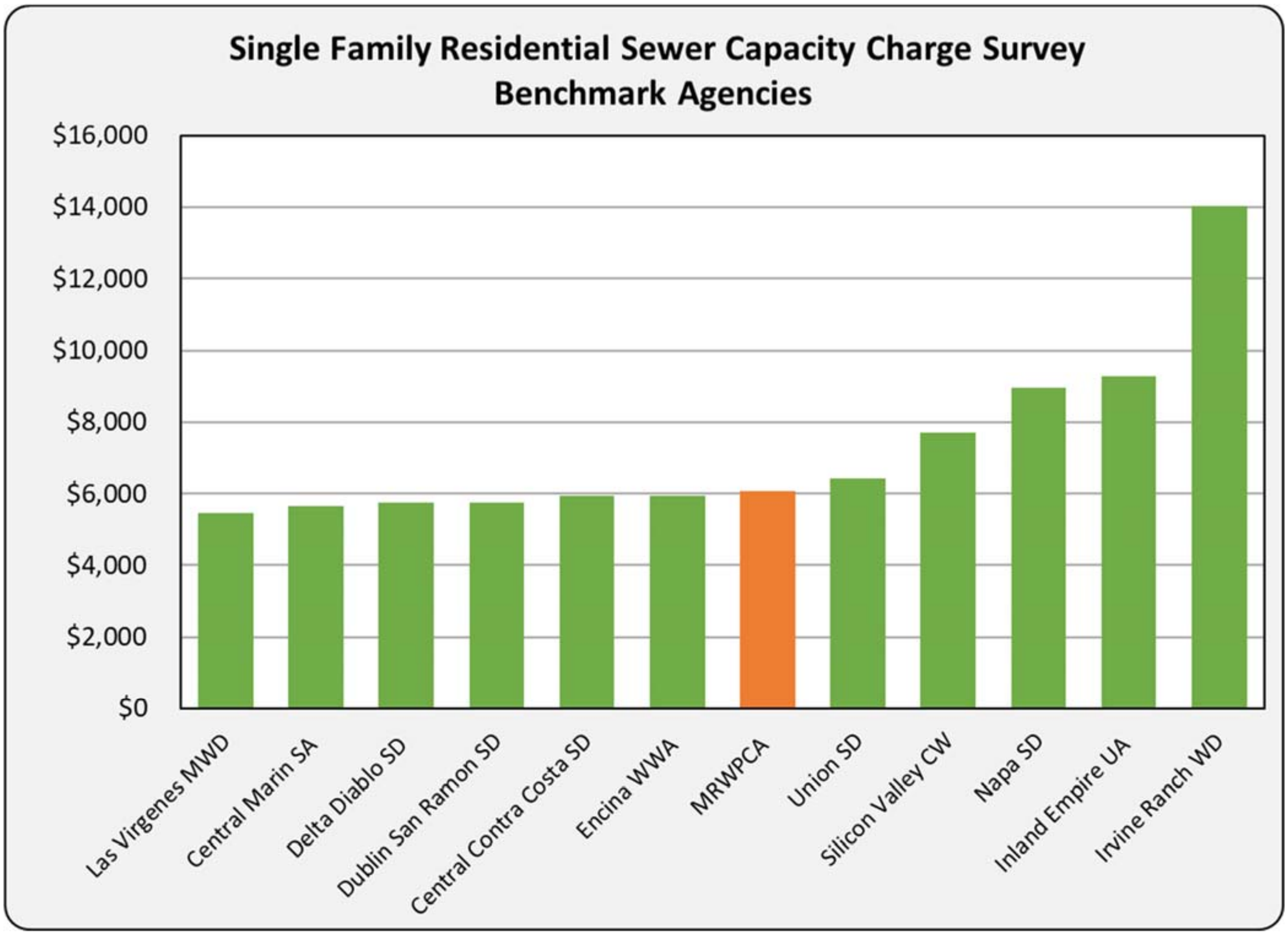
The following chart shows a survey of regional sewer capacity charges. Charges for agencies served by MRWPCA include both MRWPCA's capacity charge for wastewater treatment facilities as well as each member agency's capacity charge for local wastewater collection facilities.

Figure 8 – Regional Sewer Capacity Charge Survey



The following chart shows a survey of residential sewer capacity charges of a number of MRWPCA benchmark agencies. A midpoint or average charge is shown for agencies with multiple service areas to provide an overall estimate of the charge for a typical new home.

Figure 9 –Sewer Capacity Charge Survey of Benchmark Agencies



3.3 Government Code

Development impact fees are governed by California Government Code Section 66000 et. seq This section of the Code was initially established by Assembly Bill 1600 (AB 1600) and is commonly referred to as the Mitigation Fee Act. Pursuant to the Code, a development impact fee is not a tax or special assessment, but is instead voluntary charge levied to defray the cost of public facilities needed to serve a new development.

Section 66013 of the Code specifically governs water and wastewater capacity charges. This section of the Code defines a "capacity charge" to mean "a charge for public facilities in existence at the time a charge is imposed or charges for new public facilities to be acquired or constructed in the future that are of proportional benefit to the person or property being charged." The Code distinguishes "capacity charges" from "connection fees" which are defined as fees for the physical facilities necessary to make a water or sewer connection, such as costs related to installation of meters and pipelines from a new building to a water or sewer main.

According to the Section 66013, a water or wastewater capacity charge "shall not exceed the estimated reasonable cost of providing the service for which the fee or charge is imposed" unless approved by a two-thirds vote. Section 66013 does not detail any specific methodology for calculating capacity charges.

Section 66016 of the Code identifies the procedural requirements for adopting or increasing water and wastewater capacity charges and Section 66022 summarizes the general process by which the charges can be legally challenged

3.4 Fee Methodology: Average Cost Approach

Based on evaluation of alternatives, BWA recommends use of an *average cost approach* to calculate updated capacity charges. Under this approach, new connections buy in for a proportionate share of capacity needs in existing and planned wastewater conveyance and treatment facilities and assets. The charges are calculated based on the total cost of facilities including planned upgrades and expansions, divided by the total service capacity of MRWPCA's facilities with completion of the improvements. The average cost approach is a widely used and accepted approach for calculating capacity charges, particularly for service areas that are largely built out but require some additional infrastructure improvements to meet the demands of anticipated growth or redevelopment.

The general methodology used to calculate updated water and sewer capacity charges is summarized below.

Capacity Charge Methodology

Step 1 - Determine Cost of Facilities & Assets for Fee Recovery

Determine the recoverable cost of facilities and assets benefiting new development to be recovered by the capacity charge.

Step 2 - Identify Capacity of Facilities

Identify the corresponding capacity of facilities and assets identified in Step 1; capacity may be limited by the amount of development facilities can serve without substantial additional expansion or improvements.

Step 3 - Calculate Cost per Unit of Capacity

Calculate the cost per unit of capacity by dividing the costs identified for fee recovery in Step 1 by the capacity of those facilities identified in Step 2.

Step 4 - Apply Cost per Unit to the Capacity Needs of Customer Classes

Apply the unit cost for capacity to the infrastructure capacity needs for each customer class to determine an equitable capacity charge per new connection.

There are a number of widely-used methods for valuing infrastructure and assets for cost recovery. The capacity charges calculated in this report are designed to recover the estimated replacement cost of existing MRWPCA facilities as estimated based on acquisition cost escalated into current dollars (as of January 2017) based on the change in the ENR Construction Cost Index.

3.5 Cost Recovery Allocation

BWA worked with staff from MRWPCA's Engineering Department to allocate costs for recovery from capacity charge components for wastewater flow and strength, as measured by BOD and SS.

- Costs of existing wastewater system facilities were first broken down into various functional components. Subsequently, costs for each component were allocated for recovery from flow, BOD and SS based on input from MRWPCA staff.

- Capital improvement program costs were first allocated to a) rehab & replacement, and b) upgrade & expansion. Costs allocated to upgrade and expansion were subsequently allocated for cost recovery from flow, BOD and SS based on input from MRWPCA staff. Costs allocated to rehab & replacement were excluded from fee recovery to ensure the updated capacity charge does not double-count by including both an asset as well as its replacement.
- Costs included for fee recovery are adjusted to a) include prior interest payments and issuance costs incurred for debt used to finance MRWPCA facilities, and b) exclude outstanding debt principal. This ensures that the updated charge recovers financing costs incurred for funding facilities but excludes unpaid principal, which represents costs of existing facilities that have not yet been funded.
- The updated fee calculation also includes a buy-in for unrestricted operating fund reserves to ensure new connection buy-in on parity with existing customers.

As shown on the following table, $470 million of costs are identified for recovery from the updated capacity charges.

Table 10 – Costs Allocation of Facilities & Assets

		Cost Allocation			
		Flow	BOD	SS	
Existing Wastewater System Assets (Jan-2017 Cost)					
Acquisition Cost Adjusted by ENR Construction Cost Index	$444,074,555	49.3%	23.2%	27.5%	100.0%
Allocation		$218,839,512	$102,909,796	$122,325,247	$444,074,555
10-Year Capital Improvement Projects (Current $)					
Upgrades/Expansions	15,760,000				
Rehab/Replacement	Excluded				
Subtotal	15,760,000	53.4%	18.1%	28.5%	100.0%
Allocation		8,420,000	2,853,250	4,486,750	15,760,000
Additional Capital Improvements Needed to Serve Growth	Excluded				
Debt Adjustment **(Excludes Pension Obligation Bonds)**					
Plus Prior Interest Pymts & Issuance Costs Through 06/30/17	18,897,937				
Less Outstanding Principal as of 06/30/17	(12,439,840)				
Net Debt Adjustment	6,458,097	49.3%	23.2%	27.5%	100.0%
Allocation		3,182,544	1,496,599	1,778,954	6,458,097
Unrestricted Operating Fund Reserves 06/30/16	3,690,569	50.0%	25.0%	25.0%	100.0%
Allocation		1,845,285	922,642	922,642	3,690,569
Total	**469,983,221**	**232,287,340**	**108,182,287**	**129,513,594**	**469,983,221**
% of Total		49.4%	23.0%	27.6%	100.0%

3.6 Unit Rate Derivation & Capacity Charge per EDU

The costs allocated to flow, BOD and SS in the prior table, are subsequently divided by the total capacity of each fee component resulting in unit cost for flow, BOD and SS.

Table 11 – Capacity Charge Components

	Flow	BOD	SS
Cost Recovery			
Existing Wastewater System Assets	$218,839,512	$102,909,796	$122,325,247
10-Year Capital Improvement Projects (Current $)	8,420,000	2,853,250	4,486,750
Debt Adjustment (Excludes Pension Obligation Bonds)	3,182,544	1,496,599	1,778,954
Unrestricted Operating Fund Reserves 06/30/16	1,845,285	922,642	922,642
Total	**232,287,340**	**108,182,287**	**129,513,594**
Projected Service Capacity of Customer Base	18.0	420	400
	mgd	mg/l	mg/l
Wastewater Loadings	18,000,000	23,013,396	21,917,520
	gpd	lbs / year	lbs / year
Unit Charges	$12.90	$4.70	$5.91
	per gpd	per lb / year	per lb / year

These unit costs are applied to the wastewater system capacity requirement of an EDU resulting in an updated capacity charge of approximately $3,389 per EDU. This charge is slightly lower than MRWPCA's current charge of about $3,505 per EDU.

Table 12 – Capacity Charge per EDU

	Flow	BOD	SS	TOTAL
Capacity Charge per Unit	$12.9049 per gpd	$4.70 per lbs / year	$5.91 per lbs / year	
CAPACITY CHARGE PER EDU				
Residential Flow & Strength	150 gpd	300 mg/l	300 mg/l	
Residential Wastewater Loadings	150 gpd	137 lbs / year	137 lbs / year	
Capacity Charge per EDU	$1,935.73	$643.94	$809.46	**$3,389.13**
% of Capacity Charge per EDU	57.12%	19.00%	23.88%	

The table on the following page shows updated capacity charges for all customer classes. Capacity charges for major new industrial connections are calculated on a case-by-case basis according to the estimated wastewater flow and strength of each connection.

Table 13 – Proposed Capacity Charges

Proposed Capacity Charges										
Customer Class				Wastewater Flow		Wastewater Strength			EDUs	Capacity Charge per Unit
				Flow/Unit gpd	Flow Factor[1]	BOD mg/l	SS mg/l	Strength Factor[2]	Flow Factor x Strength Factor	
RESIDENTIAL										
	102/105 107/109	Residential	Each living unit	150	1.00	300	300	1.00	1.000	$3,389.13
COMMERCIAL/INSTITUTIONAL										
A.	001	Business/Government	Location/each business	117	0.78	150	150	0.79	0.613	2,076.75
D.	221	Hotel/Motel	Each room	66	0.44	310	120	0.86	0.380	1,287.00
E.	222	Bed & Breakfast Inn	Each room	43	0.29	310	120	0.86	0.247	838.50
F.	231	Supermarket	Location	638	4.25	800	800	1.71	7.293	24,717.09
G.	241	Medical Office	Each licensed physician	156	1.04	130	80	0.72	0.746	2,527.96
H.	242	Dental Office	Each licensed dentist	215	1.43	130	80	0.72	1.028	3,484.05
I.	243	Rest Home/Convalescent	Each bed of licensed capacity	43	0.29	250	100	0.81	0.232	786.11
J.	244	General Hospital	Each bed of licensed capacity	256	1.71	250	100	0.81	1.381	4,680.12
K.	245	Animal Hospital	Location/each business	292	1.95	250	100	0.81	1.575	5,338.26
L.	261	Restaurant–One Meal	Each restaurant seat	6	0.04	1,000	600	1.68	0.067	228.04
	262	Restaurant–Two Meals	Each restaurant seat	9	0.06	1,000	600	1.68	0.101	342.06
	263	Restaurant–Three Meals	Each restaurant seat	17	0.11	1,000	600	1.68	0.191	646.11
M.	264	Restaurant w/Bar	Each restaurant seat	17	0.11	1,000	600	1.68	0.191	646.11
N.	265	Bar	Location/each business	254	1.69	200	200	0.86	1.451	4,918.64
O.	266	Nightclub	Location/each business	760	5.07	200	200	0.86	4.342	14,717.20
P.	267	Takeout Food–Small	Location/each business	283	1.89	500	300	1.13	2.126	7,204.09
	268	Takeout Food–Medium	Location/each business	697	4.65	500	300	1.13	5.235	17,742.92
	269	Takeout Food–Large	Location/each business	1,270	8.47	500	300	1.13	9.539	32,329.29
Q.	270	Bakery	Location/each business	230	1.53	1,000	600	1.68	2.579	8,741.49
R.	281	Theater	Per screen at each location	377	2.51	150	150	0.79	1.974	6,691.75
S.	282	Bowling Center	Location/each business	1,146	7.64	150	150	0.79	6.002	20,341.50
T.	290	Mortuary	Location/each business	310	2.07	800	800	1.71	3.544	12,009.87
U.	291	School (Minimum)	Each business	117	0.78	150	150	0.79	0.613	2,076.75
	292	School (0-6)	School population	2	0.01	130	100	0.73	0.010	33.13
	293	School (7-College)	School population	4	0.03	130	100	0.73	0.020	66.26
	294	Boarding School	School population	40	0.27	233	165	0.85	0.227	768.30
V.	331	Service Station/Repair	Location/each business	112	0.75	180	280	0.91	0.678	2,297.94
	332	Service Station/Repair (11-20)	Location/each business	112	0.75	180	280	0.91	0.678	2,297.94
W.	353	Dry Cleaners	Location/each business	386	2.57	150	150	0.79	2.022	6,851.50
X.	354	Laundromats	Each washing machine	102	0.68	150	110	0.75	0.513	1,737.12
			Mobile washers	34	0.23	20	150	0.70	0.159	540.25
SPECIAL USERS (Billed Individually)										
		Separate Billed Industrial/Commercial								
		Flow ($ per gpd)								1,935.73
		BOD ($ per lb / year)								643.94
		SS ($ per lb / year)								809.46

1 Flow Factor = Wastewater Flow in gallons per day (gpd) / 150

2 Strength Factor = 0.5712 + [0.1900 x BOD strength / 300] + [0.2388 x SS strength / 300]

With BOD and SS strengths in milligrams per liter (mg/l)

3.7 Capacity Charge Ordinance: Purpose of Charge

Pursuant to Government Code, revenues derived from MRWPCA's capacity charges can only be used for the purpose for which the charges are collected. In order to maximize flexibility for use of capacity charge revenues, BWA recommends that the ordinance or resolution adopting the updated charges broadly define the purpose of the capacity charge.

3.8 Capacity Charge Credits for Redevelopment

Capacity charges for redevelopment projects and/or expansions should be based on the incremental demand generated from each project. Under this approach, future redevelopment projects would get credited for the capacity purchased by the prior development.

3.9 Future Fee Adjustments & Updates

In future years, BWA recommends that MRWPCA continue to adjust its capacity charges annually by the change in the ENR Construction Cost Index to keep the charges aligned with future construction cost inflation. The capacity charge ordinance or resolution should allow for implementation of a multi-year adjustment if MRWPCA ever opts to temporarily defer any annual adjustments. Additionally, BWA recommends that capacity charges be independently reviewed and/or updated approximately once every three to five years.

4 ADDITIONAL FEE & CHARGE UPDATE

4.1 Additional Fees & Charges

In addition to rates and capacity charges, MRWPCA levies a number of additional fees and charges to help recover the cost of providing various services. Some of these fees have not been updated in many years while others have been periodically adjusted, but have not been recently reviewed or recalculated. Many of MRWPCA's additional fees no longer reflect the cost of providing service.

BWA worked with MRWPCA to develop updated fees and charges designed to reflect the current cost of providing service for which each fee is levied. Updated fee recommendations were developed with substantial input from MRWPCA staff.

4.2 Legal Requirements

Fees and charges levied by state and local governmental agencies must meet the requirements of Proposition 26, a Constitutional Amendment that was narrowly approved by California voters on the November 2010 ballot. Proposition 26 redefines fees and charges levied by local agencies as "taxes", which are subject to voter approval. However, Proposition 26 included seven exceptions under which local fees are not considered taxes and are therefore not subject to voter approval. All of the fees imposed by the District meet one or more of these criteria to be exempted from voter approval as a tax. These exceptions include:

- A fee that is imposed for a special benefit or privilege provided to an individual, does not exceed the reasonable cost of service, and does not provide broad, general benefits to others in the community;
- A fee imposed for a specific government service or product provided directly to the person paying the fee, that does not exceed the reasonable cost of providing service;
- A charge imposed for reasonable regulatory costs (i.e. licenses, audits, inspections, permits) that does not exceed the reasonable cost of service;
- Rental or lease fees charged for the use of or entrance to governmental property;
- Fines or penalties imposed for violations of the law;
- A charge imposed as a condition of property development (such charges are governed by California Government Code Section 66000 et. seq. with Water and Sewer Capacity Charges governed specifically by Section 66013);
- Assessments and property-related fees imposed under the provisions of Proposition 218, such as the District's water and sewer service charges.

4.3 Fee Update Methodology

Updated fees and charges were developed based on a detailed evaluation of the amount of staff time and materials required to provide each type of service. Most of the updated fees include cost recovery for:

- **Staff Time & Billable Rates** – MRWPCA staff identified the staff positions and amount of time required for providing each type of service. Billable rates per position includes a fully-burdened hourly rate that includes cost recovery for salary and benefits for each position. In cases where MRWPCA employs multiple people for the same position, the average rate per position was used in the fee update.
- **Overhead Allocation** – MRWPCA provides a number of administrative and internal support services through various departments (e.g. Administration, Human Resources, Finance, Information Technology, etc.) BWA worked with MRWPCA staff to evaluate a number of alternative approaches for allocating these internal overhead costs. The updated fees calculated in this report incorporate a conservative overhead allocation of 16.9% based on the overhead departments share of total budgeted expenses. The allocation excludes cost recovery for expenses incurred on behalf of the Water Reclamation Authority or other entities.
- **Materials/Vehicles/Other Costs** – A number of fees include recovery for external costs incurred for providing each type of service such as materials, vehicles, equipment, printing, postage, and/or fees charged by other entities. The updated fees include cost recovery for these expenses, without markup.
- **Facility Cost Recovery** – Some fees include a component for facility cost recovery. For example, fees for liquid waste haulers include cost recovery for the share of specific facilities required for receiving and processing septage, grease, brine and other types of hauled waste. These customers were not required to pay capacity charges to buy-in to MRWPCA facilities. When applicable, facility cost recovery is based on the current (ENR-adjusted) cost for the share of each type of facility identified by MRWPCA staff as required for providing each service.

Some fees were updated based on an alternative approach including:

- **Interruptible Rates** – MRWPCA provides conveyance and treatment for various types of source waters (e.g. Ag Wash). This service is mutually beneficial to both MRWPCA and the source water dischargers. The dischargers benefit via a cost-effective means for disposal and treatment, while MRWPCA benefits from access to additional water supply for Pure Water Monterey. These interruptible rates are calculated to recover the marginal (or incremental) cost of collection and treatment of various source waters, essentially a break-even rate for MRWPCA.

- **Cost of Service Fees** - For some fees, the cost of providing service can vary widely each time the service is provided (e.g. Lift Station Maintenance). These fees do not have a standard charge and are instead billed on a cost-of-service basis each time the service is provided. For these types of fees, MRWPCA tracks staff time and expenses incurred to ensure the fee accurately recovers the cost of service to each customer.

4.4 Updated Fee Recommendations

The table on the following page shows a schedule of current and updates fees and charges. The proposed fees represent standard fees that would apply in most situations. In situations requiring additional staff time and costs, MRWPCA should reserve the right to collect additional fees to reflect the actual cost of service on a time and materials basis.

4.5 Future Fee Adjustments & Updates

In future years, BWA recommends that MRWPCA adjust its additional fees and charges annually by the change in the CPI to keep the fees aligned with future cost inflation. The ordinance or resolution should allow for implementation of a multi-year adjustment if MRWPCA ever opts to temporarily defer any annual adjustments. Additionally, BWA recommends that MRWPCA's additional fees and charged be independently reviewed and/or updated approximately once every three to five years. However, MRWPCA can revise specific fees on a case-by-case in between comprehensive fee updates basis when warranted.

Table 14 – Updated Fees & Charges

Updated Additional Fees & Charges		
Fee Description	**Current Fees**	**Updated Fees**
Interruptible Rates		
Agricultural Wash Water	$203.83 / Acre foot	$242.40 / Acre Foot
Blanco Drain	$76.34 / Acre foot	$94.22 / Acre Foot
Reclamation Ditch	$94.02 / Acre foot	$96.58 / Acre Foot
Salinas Storm Water	$70.78 / Acre foot	$91.26 / Acre Foot
Lake El Estero	$70.57 / Acre foot	$90.88 / Acre Foot
Pond Water (Ag Wash & Stormwater)	n/a	$95.88 / Acre Foot
Tembladero Slough	n/a	$112.63 / Acre Foot
Fee for Outside Services	Cost of service	Cost of service
Salinas Pond (User fees are assessed by the City of Salinas)	Cost of service	Cost of service
Return Item Fee	$10 / $15	$27.40 + bank return item fee (currently $17)
Lien Filing Fee	30	$30 per lien
Service Charge Billing Fee: Member Agencies	$0.20 per account	$0.44 per bill
Service Charge Billing Ree: Monterey County	$0.93 per account	$1.23 per bill
Lift Station Maintenance	Cost of service	Cost of service
Industrial Discharge Permit Non-Compliance Fee	Cost of service	Cost of service
Liquid Waste Discharge Fees		
Liquid Waste (Septage)	$0.04 / gallon	$0.085 / gallon
Grease	$0.11 / gallon	$0.11 / gallon
Biocell	$0.11 / gallon	$0.07 / gallon
Special	$0.11 / gallon	$0.05 / gallon
Annual Source Control Permit & Inspection Fees	*Current Classes & Permit Fees*	
ORIU	*Class A: $25*	$1,865
SIU	*Class C: $600*	$4,125
CIU		$4,125
Additional fees to the standard fees listed above may apply on a cost of service basis when additional services are provided, such as for dealing with issues, violations, and non-compliance.		
Annual Liquid Waste Hauler Permit Fee	$100	$200
Liquid Waste Deposit	$1,000	$1,000 minimum *With discretion to set a higher deposit, such as for larger customers or accts with delinquencies*
Brine (1)		
Brine w/Chemicals		$0.05 / gallon
All Other Brine	Varies from $0.025 to $0.11	$0.035 / gallon

1 Some brine costs are based on an Agreement between MRWPCA and other entities.

Note: Cost of service includes billable wages and benefits, overhead, materials, vehicle usage, mileage, lab fees, on-call costs, and other costs directly or indirectly incurred for providing the service for which a fee is charged.

Standard fees and charges are shown above. Different fees or charges may be levied on case-by-case basis to better reflect the actual cost for providing a service, as determined by MRWPCA.

APPENDIX A

MRWPCA Financial Plan & Rate Study Tables

MRWPCA

Monterey Regional Water Pollution Control Agency



MRWPCA Financial Plan & Rate Study Tables

BARTLE WELLS ASSOCIATES
INDEPENDENT PUBLIC FINANCE ADVISORS

Table 1 - MRWPCA Wastewater Cash Flow Projections

	Esc %	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27
Rate Adjustment %		3.26%	10.0%	10.0%	10.0%	8.0%	8.0%	8.0%	2.0%	2.0%	2.0%	2.0%
Projected Monthly Residential Charge		$15.85	$17.42	$19.15	$21.06	$22.74	$24.56	$26.52	$27.05	$27.59	$28.14	$28.70
Rate Adjustment $ (to Residential Charge)		$0.50	$1.57	$1.73	$1.91	$1.68	$1.82	$1.96	$0.53	$0.54	$0.55	$0.56
Residential Billing Equivalents		111,761	111,961	112,111	112,261	112,411	112,561	112,711	112,861	113,011	113,111	113,211
Growth (Residential Equivalents)		200	150	150	150	150	150	150	150	100	100	100
Interest Earnings Rate		0.7%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%
Capacity Charge per Residential Equivalent +2%		$3,506	$3,389	$3,457	$3,526	$3,597	$3,669	$3,742	$3,817	$3,893	$3,971	$4,050
Beginning Unrestricted Fund Reserves		$3,690,000	$6,845,000	$6,833,000	$6,784,000	$6,797,000	$6,897,000	$7,219,000	$7,595,000	$7,965,000	$8,197,000	$8,421,000
REVENUES												
Wastewater Treatment Charges	-	21,257,000	23,447,000	25,821,000	28,444,000	30,763,000	33,264,000	35,974,000	36,740,000	37,514,000	38,294,000	39,089,000
Military Wastewater Charges	-	374,000	374,000	374,000	374,000	374,000	374,000	374,000	374,000	374,000	374,000	374,000
Liquid Waste & Grease Haulers	2%	630,000	643,000	656,000	669,000	682,000	696,000	710,000	724,000	738,000	753,000	768,000
Brine	0%	183,000	183,000	183,000	183,000	183,000	183,000	183,000	183,000	183,000	183,000	183,000
Interruptible Rates (rate may change)	0%	365,000	365,000	365,000	365,000	365,000	365,000	365,000	365,000	365,000	365,000	365,000
User Penalties/Lien Penals & Trans	0%	425,000	425,000	425,000	425,000	425,000	425,000	425,000	425,000	425,000	425,000	425,000
NSD Agency Billing Fees	0%	86,000	86,000	86,000	86,000	86,000	86,000	86,000	86,000	86,000	86,000	86,000
Fee for Services - Outside Entities	2%	189,000	193,000	197,000	201,000	205,000	209,000	213,000	217,000	221,000	225,000	230,000
Lift Station Maintenance	2%	150,000	153,000	156,000	159,000	162,000	165,000	168,000	171,000	174,000	177,000	181,000
WRA Reclamation Indirect Charges	4%	426,000	443,000	461,000	479,000	498,000	518,000	539,000	561,000	583,000	606,000	630,000
Pure Water Monterey Indirect Charges	4%	0	0	300,000	312,000	324,000	337,000	350,000	364,000	379,000	394,000	410,000
Interest Earnings	-	30,000	68,000	68,000	68,000	68,000	69,000	72,000	76,000	80,000	82,000	84,000
Capacity Charges	-	700,000	508,000	519,000	529,000	540,000	550,000	561,000	573,000	389,000	397,000	405,000
Miscellaneous Income	0%	181,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000
Total Revenues		24,996,000	27,038,000	29,761,000	32,444,000	34,825,000	37,391,000	40,170,000	41,009,000	41,661,000	42,511,000	43,380,000
SRF Reimbursement to WW		4,000,000										
EXPENSES												
Operating & Maintenance												
Salaries & Benefits	4%	11,158,000	11,604,000	12,068,000	12,551,000	13,053,000	13,575,000	14,118,000	14,683,000	15,270,000	15,881,000	16,516,000
CalPERS Payments	-	790,000	947,000	1,219,000	1,516,000	1,809,000	2,109,000	2,369,000	2,464,000	2,563,000	2,666,000	2,773,000
Less Sals/Bens Charged to WRA & CIP	4%	(1,361,000)	(1,415,000)	(1,472,000)	(1,351,000)	(1,405,000)	(1,461,000)	(1,519,000)	(1,580,000)	(1,643,000)	(1,709,000)	(1,777,000)
New Positions: Adm Asst/Public Outreach	4%	0	208,000	216,000	225,000	234,000	243,000	253,000	263,000	274,000	285,000	296,000
New Positions: Back from GWR	4%	0	0	0	300,000	312,000	324,000	337,000	350,000	364,000	379,000	394,000
Professional/Contract Svcs/Op Supplies	4%	1,778,000	1,849,000	1,923,000	2,000,000	2,080,000	2,163,000	2,250,000	2,340,000	2,434,000	2,531,000	2,632,000
Chemicals	4%	1,454,000	1,512,000	1,572,000	1,635,000	1,700,000	1,768,000	1,839,000	1,913,000	1,990,000	2,070,000	2,153,000
Utilities	4%	2,274,000	2,365,000	2,460,000	2,558,000	2,660,000	2,766,000	2,877,000	2,992,000	3,112,000	3,236,000	3,365,000
Maintenance & Repairs	4%	1,213,000	1,262,000	1,312,000	1,364,000	1,419,000	1,476,000	1,535,000	1,596,000	1,660,000	1,726,000	1,795,000
Office Expense/Info Systems/Other	4%	1,092,000	1,136,000	1,181,000	1,228,000	1,277,000	1,328,000	1,381,000	1,436,000	1,493,000	1,553,000	1,615,000
Major O&M	4%	460,000	500,000	520,000	541,000	563,000	586,000	609,000	633,000	658,000	684,000	711,000
Subtotal		18,858,000	19,968,000	20,999,000	22,567,000	23,702,000	24,877,000	26,049,000	27,090,000	28,175,000	29,302,000	30,473,000
Debt Service												
2006 Wastewater Rev Bonds		127,000	1,024,000	0	0	0	0	0	0	0	0	0
2012 Wastewater Rev Refi Bonds		811,000	843,000	871,000	905,000	941,000	974,000	1,009,000	1,047,000	1,086,000	1,125,000	0
2013 Pension Obligation Bonds		1,313,000	315,000	1,225,000	1,129,000	1,136,000	1,156,000	1,157,000	1,106,000	1,054,000	1,028,000	0
Subtotal		2,251,000	2,182,000	2,096,000	2,034,000	2,077,000	2,130,000	2,166,000	2,153,000	2,140,000	2,153,000	0
Capital Improvements												
Capital Improvement Projects	3%	2,710,000	4,400,000	6,200,000	7,300,000	8,400,000	9,500,000	11,000,000	10,800,000	10,500,000	10,200,000	11,500,000
CIP Carry-Forward & GWR Contribution		1,522,000	0	0	0	0	0	0	0	0	0	0
Capitalized Equipment	3%	500,000	500,000	515,000	530,000	546,000	562,000	579,000	596,000	614,000	632,000	651,000
Subtotal		4,732,000	4,900,000	6,715,000	7,830,000	8,946,000	10,062,000	11,579,000	11,396,000	11,114,000	10,832,000	12,151,000
Total Expenses		25,841,000	27,050,000	29,810,000	32,431,000	34,725,000	37,069,000	39,794,000	40,639,000	41,429,000	42,287,000	42,624,000
Revenues Less Expenses		3,155,000	(12,000)	(49,000)	13,000	100,000	322,000	376,000	370,000	232,000	224,000	756,000
Ending Fund Reserves/Working Capital		6,845,000	6,833,000	6,784,000	6,797,000	6,897,000	7,219,000	7,595,000	7,965,000	8,197,000	8,421,000	9,177,000
Fund Rsrv Target (25% O&M +$2M CIP)		6,710,000	6,990,000	7,250,000	7,640,000	7,930,000	8,220,000	8,510,000	8,770,000	9,040,000	9,330,000	9,620,000
Debt Service Coverage: Wastewater Only		2.73	3.24	4.18	4.86	5.36	5.88	6.52	6.46	6.30	6.14	-
Debt Service Coverage: All Debt		1.95	2.19	2.13	2.34	2.54	2.75	3.00	3.00	2.96	2.93	4.37

Table 2 - MRWPCA Debt Service Coverage Projections

	Esc %	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27
REVENUES												
Wastewater Revenues												
Wastewater Treatment Charges		21,257,000	23,447,000	25,821,000	28,444,000	30,763,000	33,264,000	35,974,000	36,740,000	37,514,000	38,294,000	39,089,000
Other Wastewater Revenues		3,739,000	3,591,000	3,940,000	4,000,000	4,062,000	4,127,000	4,196,000	4,269,000	4,147,000	4,217,000	4,291,000
Subtotal		24,996,000	27,038,000	29,761,000	32,444,000	34,825,000	37,391,000	40,170,000	41,009,000	41,661,000	42,511,000	43,380,000
Reclamation Reimbursements												
Operating Reimbursements		4,365,000	4,496,000	4,631,000	4,770,000	4,913,000	5,060,000	5,212,000	5,368,000	5,529,000	5,695,000	5,866,000
Debt Service Reimbursements		1,767,000	1,752,000	1,105,000	1,090,000	1,075,000	1,060,000	1,045,000	1,030,000	1,015,000	1,000,000	985,000
Subtotal		6,132,000	6,248,000	5,736,000	5,860,000	5,988,000	6,120,000	6,257,000	6,398,000	6,544,000	6,695,000	6,851,000
Pure Water Monterey Revenues												
Water Sales (Cal-Am)	2%	-	-	6,020,000	6,140,000	6,263,000	6,388,000	6,516,000	6,646,000	6,779,000	6,915,000	7,053,000
Other Revenues	2%	-	-	1,368,000	1,395,000	1,423,000	1,451,000	1,480,000	1,510,000	1,540,000	1,571,000	1,602,000
Subtotal		-	-	7,388,000	7,535,000	7,686,000	7,839,000	7,996,000	8,156,000	8,319,000	8,486,000	8,655,000
Total Revenues		31,128,000	33,286,000	42,885,000	45,839,000	48,499,000	51,350,000	54,423,000	55,563,000	56,524,000	57,692,000	58,886,000
OPERATING EXPENSES												
Wastewater O&M		18,858,000	19,968,000	20,999,000	22,567,000	23,702,000	24,877,000	26,049,000	27,090,000	28,175,000	29,302,000	30,473,000
Reclamation O&M	3%	4,365,000	4,496,000	4,631,000	4,770,000	4,913,000	5,060,000	5,212,000	5,368,000	5,529,000	5,695,000	5,866,000
Pure Water Monterey O&M	1.5%	-	-	3,400,000	3,451,000	3,503,000	3,556,000	3,609,000	3,663,000	3,718,000	3,774,000	3,831,000
Total Operating Expenses		23,223,000	24,464,000	29,030,000	30,788,000	32,118,000	33,493,000	34,870,000	36,121,000	37,422,000	38,771,000	40,170,000
NET REVENUES		7,905,000	8,822,000	13,855,000	15,051,000	16,381,000	17,857,000	19,553,000	19,442,000	19,102,000	18,921,000	18,716,000
DEBT SERVICE												
2006 Bonds (MRWPCA)		127,000	1,024,000	-	-	-	-	-	-	-	-	-
2012 Bonds (MRWPCA)		811,000	843,000	871,000	905,000	941,000	974,000	1,009,000	1,047,000	1,086,000	1,125,000	-
2013 Bonds (MRWPCA)		1,313,000	315,000	1,225,000	1,129,000	1,136,000	1,156,000	1,157,000	1,106,000	1,054,000	1,028,000	-
Future Bonds/Loans (MRWPCA)		0	0	0	0	0	0	0	0	0	0	0
1999 SRF Loan (SVRP)		632,000	632,000	-	-	-	-	-	-	-	-	-
2003 USBR Loan (SVRP)		1,135,000	1,120,000	1,105,000	1,090,000	1,075,000	1,060,000	1,045,000	1,030,000	1,015,000	1,000,000	985,000
2017 SRF Loan (PWM)		-	-	3,300,000	3,300,000	3,300,000	3,300,000	3,300,000	3,300,000	3,300,000	3,300,000	3,300,000
Line of Credit Payments (PWM)		30,000	100,000	-	-	-	-	-	-	-	-	-
Total Debt Service		4,048,000	4,034,000	6,501,000	6,424,000	6,452,000	6,490,000	6,511,000	6,483,000	6,455,000	6,453,000	4,285,000
DEBT SERVICE COVERAGE												
Wastewater Agency		2.73	3.24	4.18	4.86	5.36	5.88	6.52	6.46	6.30	6.14	-
Water Reclamation Authority		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Pure Water Monterey		-	-	1.21	1.24	1.27	1.30	1.33	1.36	1.39	1.43	1.46
Total Debt Service Coverage		**1.95**	**2.19**	**2.13**	**2.34**	**2.54**	**2.75**	**3.00**	**3.00**	**2.96**	**2.93**	**4.37**
REMAINING NET REVENUES												
Wastewater Agency		3,887,000	4,888,000	6,666,000	7,843,000	9,046,000	10,384,000	11,955,000	11,766,000	11,346,000	11,056,000	12,907,000
Water Reclamation Authority		0	0	0	0	0	0	0	0	0	0	0
Pure Water Monterey		(30,000)	(100,000)	688,000	784,000	883,000	983,000	1,087,000	1,193,000	1,301,000	1,412,000	1,524,000
Total Remaining Net Revenues		3,857,000	4,788,000	7,354,000	8,627,000	9,929,000	11,367,000	13,042,000	12,959,000	12,647,000	12,468,000	14,431,000

Table 3
MRWPCA
Wastewater Accounts & Loadings

Customer Class		Accounts (est)	Billing Units	Units	Flow per Unit (gpd) Historical	Flow per Unit (gpd) Updated	Flow gpd	Flow mgd	BOD mg/l	SS mg/l	BOD lbs	SS lbs
RESIDENTIAL						80%						
102	Residential	51,778	86,971		189	150	13,045,650	13.05	300	300	11,913,679	11,913,679
	Vacant/Minimum Chg				7.7	6.1						
COMMERCIAL						80%						
001	Business	6,100	8,348	Location/each business	146	117	976,716	0.98	150	150	445,983	445,983
221	Hotel/Motel	156	6,402	Each room	82	66	422,532	0.42	310	120	398,731	154,348
222	Bed & Breakfast	13	201	Each room	54	43	8,643	0.01	310	120	8,156	3,157
231	Supermarket	53	53	Location	797	638	33,814	0.03	800	800	82,347	82,347
241	Medical office	660	660	Each licensed physician	195	156	102,960	0.10	130	80	40,745	25,074
242	Dental Office	231	231	Each licensed dentist	269	215	49,665	0.05	130	80	19,654	12,095
243	Rest Home	46	1,852	Each bed of licensed capacity	54	43	79,636	0.08	250	100	60,605	24,242
244	Hospital	5	5	Each bed of licensed capacity	320	256	1,280	0.00	250	100	974	390
245	Animal Hospital	20	20	Location/each business	365	292	5,840	0.01	250	100	4,444	1,778
261	Restaurant 1 meals	37	2,237	Each restaurant seat	7	6	13,422	0.01	1000	600	40,858	24,515
262	Restaurant 2 meals	203	12,183	Each restaurant seat	11	9	109,647	0.11	1000	600	333,776	200,266
263	Restaurant 3 meals	48	3,366	Each restaurant seat	21	17	57,222	0.06	1000	600	174,189	104,514
264	Restaurant w/bar	80	11,895	Each restaurant seat	21	17	202,215	0.20	1000	600	615,563	369,338
265	Bar	37	37	Location/each business	317	254	9,398	0.01	200	200	5,722	5,722
266	Night Club	2	2	Location/each business	950	760	1,520	0.00	200	200	925	925
267	Take-Out small	308	308	Location/each business	354	283	87,164	0.09	500	300	132,668	79,601
268	Take-Out medium	62	62	Location/each business	871	697	43,214	0.04	500	300	65,774	39,464
269	Take-Out large	30	30	Location/each business	1,588	1,270	38,100	0.04	500	300	57,990	34,794
270	Bakery	98	98	Location/each business	287	230	22,540	0.02	1000	600	68,614	41,168
281	Theatre	11	56	Per screen at each location	471	377	21,112	0.02	150	150	9,640	9,640
282	Bowling Center	2	2	Location/each business	1,433	1,146	2,292	0.00	150	150	1,047	1,047
290	Mortuary	7	7	Location/each business	387	310	2,170	0.00	800	800	5,285	5,285
	School, Minimum	121	121	Location/each business	146	117	14,157	0.01	150	150	6,464	6,464
292	School K-5	72	30,446	School population	2	2	60,892	0.06	130	100	24,097	18,536
293	School 6-college	42	30,016	School population	4	4	120,064	0.12	130	100	47,513	36,549
294	Boarding School	7	1,387	School population	40	40	55,480	0.06	233	165	39,351	27,866
331	Garage Repair	236	236	Location/each business	140	112	26,432	0.03	180	280	14,483	22,529
332	Garage Repair (11-20)	4	4	Location/each business	140	112	448	0.00	180	280	245	382
353	Dry Cleaners	18	18	Location/each business	483	386	6,948	0.01	150	150	3,173	3,173
354	Laundromat	17	1,888	Each washing machine	127	102	192,576	0.19	150	110	87,933	64,484
211	Vacant/Minimum Chg		853	Location/each business								
Subtotal Commercial		8,756					2,771,609	2.77	332	219	2,796,949	1,845,673
TOTAL							**15,817,259**	**15.82**	**306**	**286**	**14,710,628**	**13,759,352**

Table 4
MRWPCA
Special Wastewater Users & Loadings (Billed Individually)

				Flow		BOD	SS	BOD	SS
Customer	Class	Account	Accts	gpd	mgd	mg/l	mg/l	lbs	lbs
Special Commercial & Industrial Users									
Chevron Ground Water	410	001683013/03-12087	1	146	0.0001	0	0	0	0
Community Hospital	401	008132011/03-7346	1	21,589	0.0216	250	100	16,430	6,572
CSUMB	401	031101001/13-322	1	59,643	0.0596	233	165	42,303	29,957
Del Monte Meat Company	406	033281024/12-4304	1	3,224	0.0032	800	800	7,851	7,851
Fairgrounds	407	013221001/03-9325	1	5,603	0.0056	233	165	3,974	2,814
Golds Gym	407	013312008/03-9871	1	1,925	0.0019	150	150	879	879
Hospice House	401	001771041/03-585	1	3,065	0.0031	250	100	2,333	933
In N Out		011401023/10-001545	1	5,995	0.0060			0	0
In Shape Fitness		013161028/03-009173	1	5,609	0.0056	150	150	2,561	2,561
Lula Chocolate		259031018/03-010823	1	343	0.0003			0	0
Marina Civic Center	407	032311002/12-1627	1	414	0.0004	150	150	189	189
Meadowbrook	407	012414040/10-4929	1	598	0.0006	150	150	273	273
Monterey Airport	401	013221020/03-10915	1	14,717	0.0147	336	251	15,053	11,245
Monterey Aquarium	407	001011001/03-11814	1	18,150	0.0182	211	198	11,658	10,940
Monterey Aquarium	407	001011001/03-11815	1	11,036	0.0110	150	150	5,039	5,039
Monterey Aquarium	407	001011001/3-12110	1	579	0.0006	0	0	0	0
Monterey Aquarium		032421012/12-4605	1	273	0.0003	0	0	0	0
Monterey Conference Cntr	401	001567016/03-4136	1	3,513	0.0035	1000	600	10,694	6,416
Monterey Fish - Wharf	406	001702001/03-10703	1	1,039	0.0010	1884	212	5,959	671
Monterey Pen Dialysis	401	013191018/3-9300	1	5,679	0.0057	130	80	2,247	1,383
Monterey Peninsula Surgery		259-222-007/03-12349	1	2,247	0.0022			0	0
Monterey Salinas Transit	367	259011067/03-8174	1	968	0.0010	180	270	530	796
Monterey Sports Cntr	407	001707005/3-5324	1	11,501	0.0115	150	150	5,252	5,252
Monterey Youth Center	407	001994001/03-7304	1	713	0.0007	150	150	326	326
National Custom Packing	406	133491034/99-1435	1	8,534	0.0085	1371	1901	35,616	49,385
Ocean Mist Farms	406	030301009/99-1619	1	45,148	0.0451	30	249	4,123	34,221
Oldemeyer Center	407	012371058/10-4498	1	2,054	0.0021	150	150	938	938
Pattulo Swim Center	407	012381018/10-4507	1	3,219	0.0032	150	150	1,470	1,470
Petsmart	401	011011045/11-877	1	1,469	0.0015	150	150	671	671
Rayne Monterey		012182005/10-002795	1	1,121	0.0011	0		0	0
Sea Harvest	406	133241018/98-1278	1	1,631	0.0016	1884	212	9,354	1,053
Steinbeck Plaza	401	001023017/3-11813	1	222	0.0002	0	0	0	0
YMCA	407	001728003/03-5517	1	203	0.0002	150	150	93	93
A-1 Moving	401	177141063/15-13344	1	1,571	0.0016	0	0	0	0
Boys And Girls Club	407	003231002/5-16756	1	2,162	0.0022	130	100	856	658
Bread Box Rec Center	407	004611004/5-16577	1	234	0.0002	150	150	107	107
Broadway Bingo	407	003631027/5-12344	1	761	0.0008	150	150	347	347
Cammachos Food Processing	406	177141071/15-10286	1	300	0.0003	2231	1453	2,037	1,327
Coca-Cola	410	002155025/05-16573	1	1,856	0.0019	0	1624	0	9,175
Culligan	405	002061027/5-16578	1	14,572	0.0146	3	55	133	2,440
Davita Corp		261716015/15017238	1	6,454	0.0065	130	80	2,554	1,572
Dayton Street Cooling	401	177141059/15-017947	1	146	0.0001	0	0	0	0
Easton	401	177181023/15-15998	1	500	0.0005	30	249	46	379
Go Kids Inc	407	003861014/5-10234	1	1,138	0.0011	150	150	520	520
Golds Gym		153621005/15-17592	1	1,207	0.0012	150	150	551	551
Hartnell College	401	002281099/05-1838	1	12,778	0.0128	130	100	5,057	3,890
Hibino Farms	406	003161018/05-6740	1	2,073	0.0021	143	324	902	2,045
Jack & The Bean Stalk Tofu		003171025/05-16846	1	251	0.0003	0	0	0	0
Jack & The Bean Stalk Sprout		003171025/05-16851	1	9,414	0.0094	0	0	0	0
In-N-Out Burger	401	003-092-002/05-6384	1	5,435	0.0054	500	300	8,272	4,963
In Shape Fitness	401	261711032/15-006462	1	7,413	0.0074	150	150	3,385	3,385
Natividad	401	003851018/05-10222	1	64,933	0.0649	250	100	49,416	19,766
NH3	410	002751009/05-5462	1	5,641	0.0056	0	0	0	0
Petsmart	401	261-146-004/15-15048	1	1,261	0.0013	150	150	576	576

Table 4
MRWPCA
Special Wastewater Users & Loadings (Billed Individually)

Customer	Class	Account	Accts	Flow gpd	mgd	BOD mg/l	SS mg/l	BOD lbs	SS lbs
Pilot Center	401	003461010/5-16680	1	15,360	0.0154	150	150	7,014	7,014
Quinn Company	367	002-952-001/5-16649	1	3,030	0.0030	180	270	1,660	2,490
Rodeo Grounds	407	003-231-002/05-16651	1	2,567	0.0026	150	150	1,172	1,172
Salinas Airport	401	003863036/05-10248	1	4,171	0.0042	483	326	6,133	4,139
Salinas Tallow	408	003011045/05-6082	1	8,282	0.0083	3186	341	80,323	8,597
Salinas Valley Aquatics	407	002231002/05-16650	1	5,921	0.0059	150	150	2,704	2,704
Salinas Valley Cooling	410	003461006/05-16684	1	6,415	0.0064	47	51	918	996
Salinas Valley Dialysis	401	016233001/15-9193	1	6,204	0.0062	130	80	2,455	1,511
Salinas Valley Memorial	401	002711002/05-5323	1	48,295	0.0483	250	100	36,754	14,701
Semco	401	177191010/15-12969	1	2,873	0.0029	47	71	411	621
Shell (GW)	401	003084040/05-16748	1	-	-	0	0	0	0
Soilserv	403	002821009/05-5520	1	6,394	0.0064	36	44	701	856
Sabor Farms LLC	406	003581013/05-016958	1	33,546	0.0335	438	2523	44,727	257,642
Tosca		177181001/15-10919	1	10,309	0.0103			0	0
Valley Weigh & Wash	367	003591019/5-16702	1	4,915	0.0049	180	270	2,693	4,040
West Valley	367	261031014/15-10465	1	146	0.0001	180	270	80	120
Western Farm Service	410	003471030/05-16239	1	120	0.0001	0	0	0	0
Ymca	407	002401014/05-2836	1	5,829	0.0058	56	51	994	905
Arco Car Wash	366	253331019/15-14229	1	3,605	0.0036	20	150	219	1,646
Arco Car Wash/Work St	366	003461014/05-16774	1	5,763	0.0058	20	150	351	2,631
Castroville	366	030253006/99-954	1	867	0.0009	20	150	53	396
Circle K (Alco)		153481021/15-11680	1	2,248	0.0022	20	150	137	1,026
Chevron	366	032171009/12-861	1	5,445	0.0054	20	150	332	2,486
Chevron/Salinas	366	253062002/15-835	1	7,675	0.0077	20	150	467	3,505
Chevron	366	261145043/15-12795	1	10,312	0.0103	20	150	628	4,709
Del Rey Car Wash	366	012471017/09-833	1	3,207	0.0032	20	150	195	1,464
Ebbs	366	013171008/03-9177	1	1,257	0.0013	20	150	77	574
El Estero	366	001733008/03-5592	1	6,327	0.0063	20	150	385	2,889
King Klean	366	003381006/05-15925	1	1,664	0.0017	20	150	101	760
Marina Car Wash	366	032312033/12-1654	1	1,008	0.0010	20	150	61	460
Oasis Car Wash	366	030166001/99-1438	1	168	0.0002	20	150	10	77
Oil Can Henry'S	366	261711065/15-10898	1	1,892	0.0019	20	150	115	864
Salinas Car Wash	366	003143011/05-6608	1	4,358	0.0044	20	150	265	1,990
Shell - Marina		032421001/12-002524	1	2,003	0.0020	20	150	122	915
Shell - Salinas (E)	366	004611017/05-14363	1	2,646	0.0026	20	150	161	1,208
Shell - Salinas (S)	366	207101026/15-11874	1	4,950	0.0050	20	150	301	2,260
Shell - Salinas (N)	366	211232023/15-11632	1	4,111	0.0041	20	150	250	1,877
Shell - Salinas N Main		003201013/05-016972	1	1,780	0.0018	20	150	108	813
Shell - Seaside	366	011561026/10-2031	1	5,387	0.0054	20	150	328	2,460
Sofa Spray	366	003041031/05-6167	1	1,533	0.0015	20	150	93	700
Soft Spray	366	003891019/05-10409	1	2,284	0.0023	20	150	139	1,043
Splash Car Wash	366	002-761012/05-5484	1	12,649	0.0126	20	50	770	1,925
Star	366	004601031/05-14295	1	1,670	0.0017	20	150	102	763
35 Cents	366	011555003/10-1967	1	1,848	0.0018	20	150	113	844
Ultra	366	011011038/11-893	1	2,627	0.0026	20	150	160	1,200
Villa Hand Car Wash	366	207091018/15-326	1	4,439	0.0044	20	150	270	2,027
Asilomar	361	006601001/04-4256	1	20,319	0.0203	500	600	30,927	37,112
Bay Park	361	001761050/03-5890	1	6,901	0.0069	500	600	10,504	12,604
Casa Munras	361	001681038/03-5090	1	13,696	0.0137	500	600	20,846	25,015
Clement The		001-012-017/03-00071	1	24,032	0.0240	500	600	36,578	43,893
Embassy Suites	361	011401031/10-7343	1	32,646	0.0326	500	600	49,689	59,627
Hilton Inn	361	001781021/03-6042	1	21,176	0.0212	500	600	32,231	38,677
Hyatt Del Monte	361	013211015/03-9313	1	17,240	0.0172	500	600	26,240	31,488
Monterey Beach Hotel	361	011422017/03-7445	1	26,330	0.0263	500	600	40,076	48,091
Monterey Marriott	361	001384003/03-3245	1	18,912	0.0189	489	487	28,152	28,037

Table 4
MRWPCA
Special Wastewater Users & Loadings (Billed Individually)

Customer	Class	Account	Accts	Flow gpd	mgd	BOD mg/l	SS mg/l	BOD lbs	SS lbs
Monterey Plaza	361	001031011/03-272	1	33,733	0.0337	500	600	51,343	61,612
Portola Plaza	361	001567019/03-4139	1	40,339	0.0403	500	600	61,398	73,678
Del Mar French	351	001704002/03-5309	1	6,853	0.0069	133	143	2,775	2,983
Mission Linen	351	002051002/05-104	1	57,836	0.0578	713	365	125,530	64,261
Mission Uniform	351	003083017/05-6355	1	27,616	0.0276	207	177	17,402	14,880
Di Maggio'S Classic		006234008/04001621	1	1,329	0.0013			0	0
Economy	352	011011029/11-839	1	1,141	0.0011	450	240	1,563	834
Ideal	352	002914005/05-5761	1	779	0.0008	450	240	1,067	569
Market	352	002164008/05-826	1	996	0.0010	450	240	1,364	728
Quality Drive Thru	352	207101038/15-335	1	1,017	0.0010	450	240	1,393	743
Vapor	352	001852016/3-6591	1	1,667	0.0017	450	240	2,284	1,218
Total			**120**	**1,004,928**	**1.0049**	**326**	**370**	**996,986**	**1,130,695**

Source: Flow data from calendary year 2016.

Table 5
MRWPCA
Projected Expenses by Department

Department		Cost Escalation	Budget 2016/17	Projected Expenses 2017/18	2018/19	2019/20
Operating & Maintenance						
10	Administration	4%	$1,188,000	$1,236,000	$1,285,000	$1,336,000
	New: Admin Asst/Public Outreach	4%	0	208,000	216,000	225,000
	New Positions: Back from GWR	4%	0	0	0	70,000
11	Human Resources	4%	412,000	428,000	445,000	463,000
12	Customer Service	4%	909,000	945,000	983,000	1,022,000
13	Finance	4%	1,046,000	1,088,000	1,132,000	1,177,000
14	Engineering Services	4%	990,000	1,030,000	1,071,000	1,114,000
	New Positions: Back from GWR	4%	0	0	0	230,000
	Reduction in Sal/Bens from WRA		0	0	0	180,000
15	Information Services	4%	423,000	440,000	458,000	476,000
16	Safety	4%	305,000	317,000	330,000	343,000
20	Boad of Directors	4%	56,000	58,000	60,000	62,000
25	Environmental Services	4%	1,223,000	1,272,000	1,323,000	1,376,000
30	RTP Administration	4%	388,000	404,000	420,000	437,000
32	Field Maintenance	4%	3,295,000	3,427,000	3,564,000	3,707,000
35	Plant Maintenance	4%	2,292,000	2,384,000	2,479,000	2,578,000
37	Cogen	4%	1,029,000	1,070,000	1,113,000	1,158,000
39	Utilities	4%	848,000	882,000	917,000	954,000
40	Operations	4%	3,994,000	4,154,000	4,320,000	4,493,000
	Add'l CalPERS Payments		0	125,000	363,000	625,000
	Major O&M	4%	460,000	500,000	520,000	541,000
	Subtotal		18,858,000	19,968,000	20,999,000	22,567,000
Debt Service						
	2006 Wastewater Rev Bonds		127,000	1,024,000	0	0
	2012 Wastewater Rev Refi Bonds		811,000	843,000	871,000	905,000
	2013 Pension Obligation Bonds		1,313,000	315,000	1,225,000	1,129,000
	Subtotal		2,251,000	2,182,000	2,096,000	2,034,000
Capital Improvements						
	Capital Improvement Projects		4,232,000	4,400,000	6,200,000	7,300,000
	Capitalized Equipment		500,000	500,000	515,000	530,000
	Subtotal		4,732,000	4,900,000	6,715,000	7,830,000
Total Expenses			25,841,000	27,050,000	29,810,000	32,431,000

Table 6
MRWPCA
Allocation of CalPERS Contributions by Department

		Budget	% of	Allocation of CalPERS Increase		
		2016/17	Total	2017/18	2018/19	2019/20
Add'l CalPERS Funding Needs				125,000	363,000	625,000
Allocation of CalPERS Contribution by Department						
10	Administration	35,800	4.8%	6,062	17,605	30,312
11	Human Resources	17,200	2.3%	2,913	8,458	14,563
12	Customer Service	43,800	5.9%	7,417	21,539	37,085
13	Finance	51,200	6.9%	8,670	25,178	43,351
14	Engineering Services	76,200	10.3%	12,904	37,472	64,518
15	Information Services	13,400	1.8%	2,269	6,590	11,346
16	Safety	12,800	1.7%	2,168	6,295	10,838
20	Boad of Directors	0	0.0%	0	0	0
25	Environmental Services	73,300	9.9%	12,413	36,046	62,063
30	RTP Administration	18,800	2.5%	3,184	9,245	15,918
32	Field Maintenance	36,800	5.0%	6,232	18,097	31,158
35	Plant Maintenance	109,500	14.8%	18,543	53,848	92,713
37	Cogen	22,400	3.0%	3,793	11,015	18,966
39	Utilities	36,400	4.9%	6,164	17,900	30,820
40	Operations	190,563	25.8%	32,270	93,712	161,349
Total		738,163	100.0%	125,000	363,000	625,000

Table 7
MRWPCA
Operating Expense Allocation by Department

	Projected 2019/20 Expenses	Additional CalPERS Contribution	Total 2019/20 Expenses
Operating & Maintenance Expenses by Department			
Administration	$1,336,000	$30,000	$1,366,000
New: Admin Asst/Public Outreach	225,000	0	225,000
New Positions: Back from GWR	70,000	0	70,000
Human Resources	463,000	15,000	478,000
Customer Service	1,022,000	37,000	1,059,000
Finance	1,177,000	43,000	1,220,000
Engineering Services	1,114,000	65,000	1,179,000
New Positions: Back from GWR	230,000	0	230,000
Reduction in Sal/Bens from WRA	180,000	0	180,000
Information Services	476,000	11,000	487,000
Safety	343,000	11,000	354,000
Boad of Directors	62,000	0	62,000
Environmental Services	1,376,000	62,000	1,438,000
RTP Administration	437,000	16,000	453,000
Field Maintenance	3,707,000	31,000	3,738,000
Plant Maintenance	2,578,000	93,000	2,671,000
Cogen	1,158,000	19,000	1,177,000
Utilities	954,000	31,000	985,000
Operations	4,493,000	161,000	4,654,000
Major O&M	541,000	0	541,000
Total	21,942,000	625,000	22,567,000

Table 8
MRWPCA
Cost Allocation 2019/20

		Cost Allocation %				Cost Allocation $			
Dept Title	2019/20	Cust Svc	Flow	BOD	SS	Cust Svc	Flow	BOD	SS
Operating & Maintenance									
Administration	$1,366,000	0%	60%	20%	20%	$0	$819,600	$273,200	$273,200
New: Admin Asst/Public Outreach	225,000	0%	60%	20%	20%	0	135,000	45,000	45,000
New Positions: Back from GWR	70,000	0%	60%	20%	20%	0	42,000	14,000	14,000
Human Resources	478,000	5%	60%	15%	20%	23,900	286,800	71,700	95,600
Customer Service	1,059,000	100%	0%	0%	0%	1,059,000	0	0	0
Finance	1,220,000	5%	60%	15%	20%	61,000	732,000	183,000	244,000
Engineering Services	1,179,000	0%	53%	34%	13%	0	624,870	400,860	153,270
New Positions: Back from GWR	230,000	0%	53%	34%	13%	0	121,900	78,200	29,900
Reduction in Sal/Bens from WRA	180,000	0%	40%	30%	30%	0	72,000	54,000	54,000
Information Services	487,000	5%	35%	30%	30%	24,350	170,450	146,100	146,100
Safety	354,000	0%	40%	30%	30%	0	141,600	106,200	106,200
Boad of Directors	62,000	0%	60%	20%	20%	0	37,200	12,400	12,400
Environmental Services	1,438,000	0%	10%	40%	50%	0	143,800	575,200	719,000
RTP Administration	453,000	0%	60%	20%	20%	0	271,800	90,600	90,600
Field Maintenance	3,738,000	0%	100%	0%	0%	0	3,738,000	0	0
Plant Maintenance	2,671,000	0%	55%	25%	20%	0	1,469,050	667,750	534,200
Cogen (net allocation)	1,177,000	0%	50%	25%	25%	0	588,500	294,250	294,250
Utilities	985,000	0%	40%	25%	35%	0	394,000	246,250	344,750
Operations	4,654,000	0%	55%	25%	20%	0	2,559,700	1,163,500	930,800
Major O&M	541,000	0%	50%	25%	25%	0	270,500	135,250	135,250
Subtotal	22,567,000	5.2%	55.9%	20.2%	18.7%	1,168,250	12,618,770	4,557,460	4,222,520
Debt Service									
2006 Wastewater Rev Bonds	0	0%	60%	25%	15%	0	0	0	0
2012 Wastewater Rev Refi Bonds	905,000	0%	60%	25%	15%	0	543,000	226,250	135,750
2013 Pension Obligation Bonds	1,129,000	5%	55%	20%	20%	56,450	620,950	225,800	225,800
Subtotal	2,034,000	2.8%	57.2%	22.2%	17.8%	56,450	1,163,950	452,050	361,550
Capital Improvements									
Capital Improvement Projects	7,300,000	0%	53%	34%	13%	0	3,869,000	2,482,000	949,000
Capitalized Equipment	530,000	0%	88%	5%	7%	0	466,400	26,500	37,100
Subtotal	7,830,000	0.0%	55.4%	32.0%	12.6%	0	4,335,400	2,508,500	986,100
Total Expenses	32,431,000	3.8%	55.9%	23.2%	17.2%	1,224,700	18,118,120	7,518,010	5,570,170
Revenue Offsets									
Liquid Waste & Grease Haulers	669,000	0%	5%	75%	20%	0	33,450	501,750	133,800
Military Wastewater	374,000	0%	50%	20%	30%	0	187,000	74,800	112,200
Brine	183,000	0%	100%	0%	0%	0	183,000	0	0
Interruptible Rates	365,000	0%	50%	20%	30%	0	182,500	73,000	109,500
User Penalties/Lien Penals & Trans	425,000	0%	50%	25%	25%	0	212,500	106,250	106,250
NSD Agency Billing Fees	86,000	100%	0%	0%	0%	86,000	0	0	0
Fee for Services - Outside Entities	201,000	100%	0%	0%	0%	201,000	0	0	0
Lift Station Maintenance	159,000	5%	95%	0%	0%	7,950	151,050	0	0
WRA Reclamation Indirect Charges	479,000	0%	50%	20%	30%	0	239,500	95,800	143,700
Pure Water Monterey Indirect Charges	312,000	0%	50%	20%	30%	0	156,000	62,400	93,600
Interest	68,000	0%	60%	20%	20%	0	40,800	13,600	13,600
Capacity Charges	529,000	0%	40%	30%	30%	0	211,600	158,700	158,700
Miscellaneous Income	150,000	0%	50%	25%	25%	0	75,000	37,500	37,500
Total	4,000,000	7.4%	41.8%	28.1%	22.7%	294,950	1,672,400	1,123,800	908,850
Total Expenses	32,431,000	3.8%	55.9%	23.2%	17.2%	1,224,700	18,118,120	7,518,010	5,570,170
Revenue Offsets	(4,000,000)	7.4%	41.8%	28.1%	22.7%	(294,950)	(1,672,400)	(1,123,800)	(908,850)
Fund Reserve/Contingency	13,000	3.8%	55.9%	23.2%	17.2%	491	7,263	3,014	2,233
Total	28,444,000	3.3%	57.8%	22.5%	16.4%	930,241	16,452,983	6,397,224	4,663,553

Table 9
MRWPCA
Cost Allocation 2019/20

	Cust Svc/Accts	Flow	BOD	SS	Total
2019/20 Rate Recovery	$930,241	$16,452,983	$6,397,224	$4,663,553	$28,444,000
	3.27%	57.84%	22.49%	16.40%	100.00%
Billing Units for Cost Recovery					
Residential	13,045,650	13,045,650	11,913,679	11,913,679	
Commercial	2,771,609	2,771,609	2,796,949	1,845,673	
Special Users	1,004,928	1,004,928	996,986	1,130,695	
Growth (Res Equivs)	67,500	67,500	56,506	56,506	
Total	16,889,687	16,889,687	15,764,121	14,946,554	
	gpd	gpd	lbs	lbs	
Cost per Unit	**$0.0551**	**$0.9741**	**$0.4058**	**$0.3120**	
	per gpd	**per gpd**	**per lb**	**per lb**	
Cost per Unit for Special User Formula					
	Included>	$1,029,221	$1,235	$950	
		per mgd	per BOD x mgd	per SS x mgd	

Table 10 - Rate Deriviation 2019/20

Customer Class			Accounts (Est)	Billing Units		Flow/Unit gpd	BOD mg/l	SS mg/l	Flow gpd	BOD lbs	SS lbs
RESIDENTIAL											
	102/105 107/109	Residential (with Growth)	52,228	87,421	Each living unit	150	300	300	13,045,650	137	137
SUBTOTAL			**52,228**	**87,421**					**13,045,650**	**11,913,679**	**11,913,679**
COMMERCIAL/INSTITUTIONAL											
A.	001	Business/Government	6,100	8,348	Location/each business	117	150	150	976,716	53	53
D.	221	Hotel/Motel	156	6,402	Each room	66	310	120	422,532	62	24
E.	222	Bed & Breakfast Inn	13	201	Each room	43	310	120	8,643	41	16
F.	231	Supermarket	53	53	Location	638	800	800	33,814	1,554	1,554
G.	241	Medical Office	660	660	Each licensed physician	156	130	80	102,960	62	38
H.	242	Dental Office	231	231	Each licensed dentist	215	130	80	49,665	85	52
I.	243	Rest Home/Convalescent	46	1,852	Each bed of licensed capacity	43	250	100	79,636	33	13
J.	244	General Hospital	5	5	Each bed of licensed capacity	256	250	100	1,280	195	78
K.	245	Animal Hospital	20	20	Location/each business	292	250	100	5,840	222	89
L.	261	Restaurant–One Meal	37	2,237	Each restaurant seat	6	1,000	600	13,422	18	11
	262	Restaurant–Two Meals	203	12,183	Each restaurant seat	9	1,000	600	109,647	27	16
	263	Restaurant–Three Meals	48	3,366	Each restaurant seat	17	1,000	600	57,222	52	31
M.	264	Restaurant w/Bar	80	11,895	Each restaurant seat	17	1,000	600	202,215	52	31
N.	265	Bar	37	37	Location/each business	254	200	200	9,398	155	155
O.	266	Nightclub	2	2	Location/each business	760	200	200	1,520	463	463
P.	267	Takeout Food–Small	308	308	Location/each business	283	500	300	87,164	431	258
	268	Takeout Food–Medium	62	62	Location/each business	697	500	300	43,214	1,061	637
	269	Takeout Food–Large	30	30	Location/each business	1,270	500	300	38,100	1,933	1,160
Q.	270	Bakery	98	98	Location/each business	230	1,000	600	22,540	700	420
R.	281	Theater	11	56	Per screen at each location	377	150	150	21,112	172	172
S.	282	Bowling Center	2	2	Location/each business	1,146	150	150	2,292	523	523
T.	290	Mortuary	7	7	Location/each business	310	800	800	2,170	755	755
U.	291	School (Minimum)	121	121	Each business	117	150	150	14,157	53	53
	292	School (0-6)	72	30,446	School population	2	130	100	60,892	1	1
	293	School (7-College)	42	30,016	School population	4	130	100	120,064	2	1
	294	Boarding School	7	1,387	School population	40	233	165	55,480	28	20
V.	331	Service Station/Repair	236	236	Location/each business	112	180	280	26,432	61	95
	332	Service Station/Repair (11-20)	4	4	Location/each business	112	180	280	448	61	95
W.	353	Dry Cleaners	18	18	Location/each business	386	150	150	6,948	176	176
X.	354	Laundromats	17	1,888	Each washing machine	102	150	110	192,576	47	34
		Mobile washers			Mobile washers	34	20	150	34	2	16
SUBTOTAL			**8,726**				**332**	**219**	**2,771,609**	**2,796,949**	**1,845,673**
SPECIAL USERS (Billed Individually)											
		Separate Billed Ind/Comm	120	120		2,753	326	370	1,004,928	996,986	1,130,695
		Special Unit Rates									
		Flow ($ per mgd)							1.005		
		BOD ($ per BOD x mgd)							326		
		SS ($ per SS x mgd)							370		
		Cust Svc ($ per account)									
SUBTOTAL			**120**	**120**		**329**	**326**	**370**	**1,004,928**	**996,986**	**1,130,695**
TOTAL			**61,074**						**16,822,187**	**15,707,614**	**14,890,048**

Table 10 - Rate Derivation 2019/20

Customer Class			Flow $0.9741 per gpd	BOD $0.4058 per lb	SS $0.3120 per lb	Cust Svc $0.0551 per gpd	Projected 2019/20 Charges		Projected 2019/20 Revenues
							Annual Charge	Monthly Charge	
RESIDENTIAL									
	102/105 107/109	Residential (with Growth)	$146.12	$55.59	$42.74	$8.27	$252.71	$21.06	$22,093,035
SUBTOTAL			**12,707,768**	**4,834,571**	**3,717,068**	**718,815**	**22,091,940**	**1,840,995**	**22,093,035**
COMMERCIAL/INSTITUTIONAL									
A.	001	Business/Government	113.97	21.68	16.67	6.45	158.76	13.23	1,325,328
D.	221	Hotel/Motel	64.29	25.27	7.52	3.64	100.72	8.39	644,553
E.	222	Bed & Breakfast Inn	41.89	16.47	4.90	2.37	65.62	5.47	13,194
F.	231	Supermarket	621.48	630.49	484.76	35.15	1,771.88	147.66	93,912
G.	241	Medical Office	151.96	25.05	11.85	8.60	197.46	16.45	130,284
H.	242	Dental Office	209.43	34.53	16.34	11.85	272.14	22.68	62,869
I.	243	Rest Home/Convalescent	41.89	13.28	4.08	2.37	61.62	5.13	114,009
J.	244	General Hospital	249.37	79.06	24.31	14.11	366.85	30.57	1,834
K.	245	Animal Hospital	284.44	90.18	27.73	16.09	418.44	34.87	8,369
L.	261	Restaurant–One Meal	5.84	7.41	3.42	0.33	17.01	1.42	38,118
	262	Restaurant–Two Meals	8.77	11.12	5.13	0.50	25.51	2.13	311,397
	263	Restaurant–Three Meals	16.56	21.00	9.69	0.94	48.18	4.02	162,376
M.	264	Restaurant w/Bar	16.56	21.00	9.69	0.94	48.18	4.02	573,815
N.	265	Bar	247.42	62.75	48.25	14.00	372.42	31.03	13,777
O.	266	Nightclub	740.32	187.76	144.36	41.88	1,114.32	92.86	2,229
P.	267	Takeout Food–Small	275.67	174.79	80.63	15.59	546.69	45.56	168,390
	268	Takeout Food–Medium	678.95	430.50	198.59	38.40	1,346.45	112.20	83,477
	269	Takeout Food–Large	1,237.11	784.41	361.86	69.98	2,453.36	204.45	73,602
Q.	270	Bakery	224.04	284.12	131.07	12.67	651.90	54.33	63,892
R.	281	Theater	367.24	69.86	53.71	20.77	511.57	42.63	28,647
S.	282	Bowling Center	1,116.32	212.35	163.26	63.14	1,555.07	129.59	3,110
T.	290	Mortuary	301.97	306.35	235.54	17.08	860.95	71.75	6,027
U.	291	School (Minimum)	113.97	21.68	16.67	6.45	158.76	13.23	19,210
	292	School (0-6)	1.95	0.32	0.19	0.11	2.57	0.21	76,724
	293	School (7-College)	3.90	0.64	0.38	0.22	5.14	0.43	154,883
	294	Boarding School	38.96	11.51	6.27	2.20	58.95	4.91	81,722
V.	331	Service Station/Repair	109.10	24.90	29.78	6.17	169.96	14.16	40,101
	332	Service Station/Repair (11-20)	109.10	24.90	29.78	6.17	169.96	14.16	680
W.	353	Dry Cleaners	376.00	71.52	54.99	21.27	523.79	43.65	9,428
X.	354	Laundromats	99.36	18.90	10.66	5.62	134.53	11.21	253,974
		Mobile washers	33.12	0.84	4.84	1.87	40.68		
SUBTOTAL			**2,699,824**	**1,135,002**	**575,850**	**152,716**	**4,563,392**	**380,282.68**	**4,559,931**
SPECIAL USERS (Billed Individually)									
		Separate Billed Ind/Comm	978,900	404,577	352,777	4,614	1,740,869	145,072	1,740,869
		Special Unit Rates							
		Flow ($ per mgd)							
		BOD ($ per BOD x mgd)							
		SS ($ per SS x mgd)							
		Cust Svc ($ per account)							
SUBTOTAL			**978,900**	**404,577**	**352,777**		**1,740,869**	**varies**	**1,740,869**
TOTAL							**28,396,201**	**varies**	**28,393,835**

Table 11 - Projected Rates

With Equal % Increases

Customer Class			Accounts (Est)	Billing Units		Current Rates	Proposed Rates Effective July 1 2017	Proposed Rates Effective July 1 2018	Proposed Rates Effective July 1 2019	3-Year Rate Increase $	3-Year Rate Increase Annual %
RESIDENTIAL											
	102/105 107/109	Residential (with Growth)	52,228	87,421	Each living unit	$15.85	$17.42	$19.15	$21.06	$5.21	9.9%
SUBTOTAL			**52,228**	**87,421**			*1.57*	*1.73*	*1.91*		
COMMERCIAL/INSTITUTIONAL											
A.	001	Business/Government	6,100	8,348	Location/each business	10.75	11.52	12.35	13.23	2.48	7.2%
D.	221	Hotel/Motel	156	6,402	Each room	6.70	7.22	7.78	8.39	1.69	7.8%
E.	222	Bed & Breakfast Inn	13	201	Each room	4.45	4.77	5.11	5.47	1.02	7.1%
F.	231	Supermarket	53	53	Location	107.00	119.13	132.63	147.66	40.66	11.3%
G.	241	Medical Office	660	660	Each licensed physician	13.75	14.60	15.50	16.45	2.70	6.2%
H.	242	Dental Office	231	231	Each licensed dentist	18.80	20.01	21.30	22.68	3.88	6.5%
I.	243	Rest Home/Convalescent	46	1,852	Each bed of licensed capa	4.20	4.49	4.80	5.13	0.93	6.9%
J.	244	General Hospital	5	5	Each bed of licensed capa	24.70	26.52	28.47	30.57	5.87	7.4%
K.	245	Animal Hospital	20	20	Location/each business	28.55	30.52	32.62	34.87	6.32	6.9%
L.	261	Restaurant–One Meal	37	2,237	Each restaurant seat	1.05	1.16	1.28	1.42	0.37	10.6%
	262	Restaurant–Two Meals	203	12,183	Each restaurant seat	1.55	1.72	1.91	2.13	0.58	11.2%
	263	Restaurant–Three Meals	48	3,366	Each restaurant seat	3.00	3.31	3.65	4.02	1.02	10.2%
M.	264	Restaurant w/Bar	80	11,895	Each restaurant seat	3.00	3.31	3.65	4.02	1.02	10.2%
N.	265	Bar	37	37	Location/each business	24.60	26.58	28.72	31.03	6.43	8.0%
O.	266	Nightclub	2	2	Location/each business	73.05	79.13	85.72	92.86	19.81	8.3%
P.	267	Takeout Food–Small	308	308	Location/each business	35.65	38.69	41.99	45.56	9.91	8.5%
	268	Takeout Food–Medium	62	62	Location/each business	87.20	94.84	103.15	112.20	25.00	8.8%
	269	Takeout Food–Large	30	30	Location/each business	159.00	172.90	188.01	204.45	45.45	8.7%
Q.	270	Bakery	98	98	Location/each business	41.20	45.18	49.54	54.33	13.13	9.7%
R.	281	Theater	11	56	Per screen at each locatio	33.85	36.55	39.47	42.63	8.78	8.0%
S.	282	Bowling Center	2	2	Location/each business	103.00	111.19	120.04	129.59	26.59	8.0%
T.	290	Mortuary	7	7	Location/each business	52.25	58.08	64.56	71.75	19.50	11.2%
U.	291	School (Minimum)	121	121	Each business	10.75	11.52	12.35	13.23	2.48	7.2%
	292	School (0-6)	72	30,446	School population	0.13	0.15	0.18	0.21	0.08	17.3%
	293	School (7-College)	42	30,016	School population	0.28	0.32	0.37	0.43	0.15	15.4%
	294	Boarding School	7	1,387	School population	3.25	3.73	4.28	4.91	1.66	14.7%
V.	331	Service Station/Repair	236	236	Location/each business	11.20	12.11	13.09	14.16	2.96	8.1%
	332	Service Station/Repair (11-20)	4	4	Location/each business	11.20	12.11	13.09	14.16	2.96	8.1%
W.	353	Dry Cleaners	18	18	Location/each business	35.05	37.71	40.57	43.65	8.60	7.6%
X.	354	Laundromats	17	1,888	Each washing machine	9.00	9.68	10.42	11.21	2.21	7.6%
	416	Mobile Washers			Each mobile washer/year	25.00	29.40	34.58	40.68	15.68	17.6%
SUBTOTAL			**8,726**								
SPECIAL USERS (Billed Individually)											
		Separate Billed Ind/Comm	120	120							
		Special User Unit Rates									
		Flow ($ per mgd)				687,000	786,093	899,480	1,029,221	342,221	14.4%
		BOD ($ per BOD x mgd)				815	936	1,075	1,235	420	14.9%
		SS ($ per SS x mgd)				337	476	672	950	613	41.3%
		Cust Svc ($ per account)				2.84					
SUBTOTAL			**120**	**120**							
TOTAL			**61,074**								

Table 12 - Projected Rates (Rounded)

Proposed MRWPCA Wastewater Treatment Rates										
User Category			Average Flow (gpd)	Wastewater Strength		Current Monthly Rate	Monthly Rate per Unit Effective			Billing Unit
				BOD (mg/l)	SS (mg/l)		July 1 2017	July 1 2018	July 1 2019	
RESIDENTIAL										
B.	102/105 107/109	Residential	150	300	300	$15.85	$17.40	$19.15	$21.05	Each living unit
COMMERCIAL/INSTITUTIONAL										
A.	001	Business/Government	117	150	150	$10.75	$11.50	$12.35	$13.25	Location/each business
C.	102	Transient Occupancy (Resid)	150	300	300	15.85	17.40	19.15	21.05	Each living unit
D.	221	Hotel/Motel	66	310	120	6.70	7.20	7.80	8.40	Each room
E.	222	Bed & Breakfast Inn	43	310	120	4.45	4.75	5.10	5.45	Each room
F.	231	Supermarket	638	800	800	107.00	119.10	132.60	147.60	Location
G.	241	Medical Office	156	130	80	13.75	14.60	15.50	16.45	Each licensed physician
H.	242	Dental Office	215	130	80	18.80	20.00	21.30	22.70	Each licensed dentist
I.	243	Rest Home/Convalescent	43	250	100	4.20	4.50	4.80	5.15	Each bed of licensed capacity
J.	244	General Hospital	256	250	100	24.70	26.50	28.50	30.60	Each bed of licensed capacity
K.	245	Animal Hospital	292	250	100	28.55	30.50	32.65	34.90	Location/each business
L.	261	Restaurant–One Meal	6	1000	600	1.05	1.15	1.30	1.40	Each restaurant seat
	262	Restaurant–Two Meals	9	1000	600	1.55	1.70	1.90	2.10	Each restaurant seat
	263	Restaurant–Three Meals	17	1000	600	3.00	3.30	3.65	4.00	Each restaurant seat
M.	264	Restaurant w/Bar	17	1000	600	3.00	3.30	3.65	4.00	Each restaurant seat
N.	265	Bar	254	200	200	24.60	26.60	28.70	31.05	Location/each business
O.	266	Nightclub	760	200	200	73.05	79.15	85.75	92.85	Location/each business
P.	267	Takeout Food–Small	283	500	300	35.65	38.70	41.95	45.55	Location/each business
	268	Takeout Food–Medium	697	500	300	87.20	94.85	103.15	112.20	Location/each business
	269	Takeout Food–Large	1,270	500	300	159.00	172.90	188.00	204.40	Location/each business
Q.	270	Bakery	230	1000	600	41.20	45.15	49.50	54.30	Location/each business
R.	281	Theater	377	150	150	33.85	36.55	39.50	42.65	Per screen at each location
S.	282	Bowling Center	1,146	150	150	103.00	111.20	120.05	129.60	Location/each business
T.	290	Mortuary	310	800	800	52.25	58.05	64.55	71.70	Location/each business
U.	291	School (Minimum)	117	150	150	10.75	11.50	12.35	13.25	Each business
	292	School (Grades 0-6)	2	130	100	0.13	0.15	0.18	0.21	School population
	293	School (Grade 7-College)	4	130	100	0.28	0.32	0.37	0.43	School population
	294	Boarding School	40	233	165	3.25	3.75	4.30	4.90	School population
V.	331	Service Station/Repair	112	180	280	11.20	12.10	13.10	14.15	Location/each business
	332	Svc Station/Repair (11-20)	112	180	280	11.20	12.10	13.10	14.15	Location/each business
W.	353	Dry Cleaners	386	150	150	35.05	37.70	40.55	43.65	Location/each business
X.	354	Laundromats	102	150	110	9.00	9.70	10.40	11.20	Each washing machine
CC.	101	Vacant Residence	---	---	---	9.15	10.45	11.50	12.65	Each living unit
	211	Vacant Business	---	---	---	7.90	6.90	7.40	7.95	Each location/each business
	416	Mobile Washers (per year)	34	20	150	25.00	29.40	34.60	40.70	Each mobile washer per year
SPECIAL USER CHARGE FORMULA ACCOUNTS										
Y.	351	Laundry: Industrial	Usage	Sample	Sample	Based on "Special User Charge Formula" *				
	352	Laundry: Commercial	Usage	450	240	Based on "Special User Charge Formula" *				
Z.	366	Car Wash	Usage	20	150	Based on "Special User Charge Formula" *				
AA.	361	Major Hotel	Usage	500	600	Based on "Special User Charge Formula" *				
BB.	367	Truck Wash	Usage	180	270	Based on "Special User Charge Formula" *				
	407	Rec/Sports Center	Usage	150	150	Based on "Special User Charge Formula" *				
	401-410	Other	Usage	Sample	Sample	Based on "Special User Charge Formula" *				
SPECIAL USER CHARGE FORMULA RATES										
		Flow Charge				$687,000	$786,093	$899,480	$1,029,221	$ per mgd
		BOD Charge				815	936	1,075	1,235	$ per mgd x BOD strength
		SS Charge				337	476	672	950	$ per mgd x SS strength
		Fixed Charge				2.84	---	---	---	

SPECIAL USER CHARGE FORMULA

"Special User" means any establishment, which cannot be classified in any other category, based on individual flow and strength characteristics. The special user charge is determined based on applying the formula shown below. Actual water usage is ordinarily the basis for the special user's average daily flow.

Charge = (Flow Charge x V) + (BOD Charge x V x B) + (SS Charge x V x S)

Where: V = Average Daily Sewage Flow in Million Gallons per Day (mgd)

B = Average Sewage Biological Oxygen Demand (BOD) Concentration in mg/l

C = Average Sewage Suspended Solids (SS) Concentration in mg/l

Table 13
MRWPCA
10-Year Capital Improvement Program

Average Annual CIP Next 9 years $9,989,292

			Projected Cost with 3% Cost Escalation										
Project Description	**Process Area**	**Current $**	**2016/17**	**2017/18**	**2018/19**	**2019/20**	**2020/21**	**2021/22**	**2022/23**	**2023/24**	**2024/25**	**2025/26**	**Total**
Energy Management Study	RTP	$400,000	$0	$0	$424,360	$0	$0	$0	$0	$0	$0	$0	$424,360
Master Plan- RTP	RTP	600,000	0	600,000	0	0	0	0	0	0	0	0	600,000
Master Plan- Cogen	RTP	250,000	0	250,000	0	0	0	0	0	0	0	0	250,000
Master Plan- Pump Stations & Conveyance System	Pump Stations	750,000	750,000	0	0	0	0	0	0	0	0	0	750,000
3rd Screw and cover for screws	Screwpress	1,250,000	0	0	0	0	0	0	0	1,537,342	0	0	1,537,342
Food Waste & FOG Facility	Digesters	tbd	0	0	0	0	0	0	0	0	0	0	0
Odor Scrubbers	Sta 15 & 13	750,000	0	750,000	0	0	0	0	0	0	0	0	750,000
Low Pressure Gas System	Digester Gas	650,000	0	0	0	710,273	0	0	0	0	0	0	710,273
Liquid Waste Automated Check In	Liquid Waste	100,000	0	0	106,090	0	0	0	0	0	0	0	106,090
- GIS	General- SCADA	50,000	50,000	0	0	0	0	0	0	0	0	0	50,000
- Ops Logging Software (Proj #26)	General- SCADA	50,000	0	50,000	0	0	0	0	0	0	0	0	50,000
- Online O&M Ph 3 of 3 (Proj 30)	General- SCADA	75,000	75,000	0	0	0	0	0	0	0	0	0	75,000
- Pump Station Uniform Asset Tagging Project (Proj #4)	General- SCADA	100,000	0	100,000	0	0	0	0	0	0	0	0	100,000
Scrubber Retrofit to Bioscrubber	Thickeners	125,000	0	0	0	136,591	0	0	0	0	0	0	136,591
Headworks Screenings Compactor and Bin Cover	Headworks	210,000	0	0	222,789	0	0	0	0	0	0	0	222,789
RTP Screwpress Manhole for Process Control Monitoring	Screwpress	150,000	0	0	159,135	0	0	0	0	0	0	0	159,135
Biosolids Storage Hopper	Screwpress	800,000	0	0	0	874,182	0	0	0	0	0	0	874,182
Reeside PS Flow Meter	Sta 7	25,000	0	0	26,523	0	0	0	0	0	0	0	26,523
Backup Generator	Harris Court	30,000	0	0	31,827	0	0	0	0	0	0	0	31,827
Salinas Pump Station PLC Upgrades (Construction)	SAPS	200,000	200,000	0	0	0	0	0	0	0	0	0	200,000
- CMMS Implementation (Proj #27)	General- SCADA	400,000	200,000	200,000	0	0	0	0	0	0	0	0	400,000
Moss Landing Pump Station Upgrades	MLPS	800,000	50,000	750,000	0	0	0	0	0	0	0	0	800,000
Station Valve Replacement and Additions	Sta 13	600,000	600,000	0	0	0	0	0	0	0	0	0	600,000
Monterey PS Drives (Design)	MOPS	1,050,000	250,000	800,000	0	0	0	0	0	0	0	0	1,050,000
Land Outfall Permanent Stabilization	Outfall	1,560,000	60,000	1,500,000	0	0	0	0	0	0	0	0	1,560,000
Trickling Filter Area Rehab (Design)	Trickling Filter	1,850,000	350,000	1,500,000	0	0	0	0	0	0	0	0	1,850,000
Plant Electrical Distribution- transfer switch, generators	Cogen/RTP	5,267,184	0	0	424,360	5,318,503	0	0	0	0	0	0	5,742,863
Primary Clarifier 5 Influent gates and actuators	Primary 5	150,000	0	0	159,135	0	0	0	0	0	0	0	159,135
Primary 5 Sludge Lines Cleanouts	Primary 5	125,000	125,000	0	0	0	0	0	0	0	0	0	125,000
Access Ramp Rehab, Liner Repair	Storm Pond	340,000	0	0	360,706	0	0	0	0	0	0	0	360,706
Headworks Bypass Upgrades	Headworks	200,000	0	0	212,180	0	0	0	0	0	0	0	212,180
FOPS Pump Replacement (Low Flow)	FOPS	870,000	0	0	922,983	0	0	0	0	0	0	0	922,983
SEPS Pump Replacement	SEPS	1,000,000	0	0	0	0	0	0	1,194,052	0	0	0	1,194,052
Grit Removal- stop logs	Grit Removal	350,000	0	0	371,315	0	0	0	0	0	0	0	371,315
FOPS Backup Controls	FOPS	50,000	0	50,000	0	0	0	0	0	0	0	0	50,000
CAPS/FOPS Door Replacement	CAPS/FOPS	100,000	0	0	106,090	0	0	0	0	0	0	0	106,090
Pavement Rehab- whole facility + repairs at lagoons	General	275,000	0	0	291,748	0	0	0	0	0	0	0	291,748
Station Valve Replacement and Additions	Sta 15	500,000	0	500,000	0	0	0	0	0	0	0	0	500,000
- Control Room Remodel (Proj #8)	General - SCADA	120,000	0	120,000	0	0	0	0	0	0	0	0	120,000
Trickling Filter Odor Scrubber Demo	Trickling Filter	50,000	0	50,000	0	0	0	0	0	0	0	0	50,000
Marina Drives	MAPS	130,000	0	0	137,917	0	0	0	0	0	0	0	137,917
Ceiling	Cogen Bldg	100,000	0	0	106,090	0	0	0	0	0	0	0	106,090
Seaside Pump Station Electrical Upgrades	SEPS	2,000,000	0	0	0	2,185,454	0	0	0	0	0	0	2,185,454
Fort Ord Pump Station Electrical Upgrades	FOPS	2,000,000	0	0	2,121,800	0	0	0	0	0	0	0	2,121,800
DAFT Center Column & VFD	Thickeners	200,000	0	200,000	0	0	0	0	0	0	0	0	200,000
Headworks Influent Sluice Gate Actuators & Gates	Headworks	60,000	0	60,000	0	0	0	0	0	0	0	0	60,000

Table 13

MRWPCA

10-Year Capital Improvement Program

Average Annual CIP Next 9 years $9,989,292

			Projected Cost with 3% Cost Escalation										
Project Description	**Process Area**	**Current $**	**2016/17**	**2017/18**	**2018/19**	**2019/20**	**2020/21**	**2021/22**	**2022/23**	**2023/24**	**2024/25**	**2025/26**	**Total**
SEPS Concrete Corrosion Rehab	SEPS	225,000	0	0	0	245,864	0	0	0	0	0	0	245,864
Headworks Area Rehab- Electrical	Headworks	1,000,000	0	0	1,060,900	0	0	0	0	0	0	0	1,060,900
Digester Area Rehab- Electrical & Digester #1 Rehab	Digesters	750,000	0	0	795,675	0	0	0	0	0	0	0	795,675
FOPS Roof Replacement	FOPS	50,000	0	50,000	0	0	0	0	0	0	0	0	50,000
Primary Clarifiers- scum pumps	Primaries	152,000	0	0	161,257	0	0	0	0	0	0	0	161,257
Cogen Compressor	Cogen	1,000,000	0	0	0	0	0	0	1,194,052	0	0	0	1,194,052
Coral St Dry Side Pump Replacement	Sta 15	100,000	0	100,000	0	0	0	0	0	0	0	0	100,000
Marina Pump Station- Generator with AST & UST Removal	MAPS	255,000	0	0	0	0	287,005	0	0	0	0	0	287,005
Relocation of Station 15	Sta 15	24,000,000	0	0	0	0	0	0	0	9,838,991	10,134,161	10,438,185	30,411,337
Mixed Liquor Distribution Structure Gates and Valves	Secondaries	119,000	0	0	0	130,035	0	0	0	0	0	0	130,035
Monterey PS Pumps	MOPS	1,500,000	0	0	0	0	1,688,263	0	0	0	0	0	1,688,263
Seismic Upgrades	RTP	475,000	0	200,000	291,748	0	0	0	0	0	0	0	491,748
Headworks Grit Bin Drain	Headworks	50,000	0	50,000	0	0	0	0	0	0	0	0	50,000
Class C Pump Station Redesign	Class C PS	2,000,000	0	2,000,000	0	0	0	0	0	0	0	0	2,000,000
Trickling Filter Mechanisms & Domes #1 & 2	Trickling Filter	6,620,000	0	0	0	0	7,450,868	0	0	0	0	0	7,450,868
Trickling Filter Mechanisms & Domes #3 & 4	Trickling Filter	6,620,000	0	0	0	0	0	0	7,904,626	0	0	0	7,904,626
Trickling Filter Mechanisms & Domes #5 & 6	Trickling Filter	6,620,000	0	0	0	0	0	7,674,394	0	0	0	0	7,674,394
Liquid Waste Facility Upgrades (design)	Liquid Waste	250,000	0	0	265,225	0	0	0	0	0	0	0	265,225
Lighting Retrofit	Harris Court	50,000	0	0	53,045	0	0	0	0	0	0	0	53,045
Trickling Filter Influent and Effluent Gates	Trickling Filter	1,250,000	0	0	0	0	0	1,449,093	0	0	0	0	1,449,093
furnishings, carpet	Harris Court	125,000	0	0	132,613	0	0	0	0	0	0	0	132,613
Carpets, Lab Layout, furnishings	RTP Admin	250,000	0	0	265,225	0	0	0	0	0	0	0	265,225
Belt Press Building Replacement	Belt Press	80,000	0	0	84,872	0	0	0	0	0	0	0	84,872
Shop Upgrades	Maint Bldg	100,000	0	0	106,090	0	0	0	0	0	0	0	106,090
Primary Launders Concrete Repairs	Primaries	150,000	0	150,000	0	0	0	0	0	0	0	0	150,000
Digesters Concrete Repairs	Digesters	80,000	0	80,000	0	0	0	0	0	0	0	0	80,000
Total		**80,583,184**	**2,710,000**	**10,110,000**	**9,401,696**	**9,600,900**	**9,426,136**	**9,123,487**	**10,292,731**	**11,376,333**	**10,134,161**	**10,438,185**	**92,613,630**

APPENDIX B

Capacity Charge Update Tables

Monterey Regional Water Pollution Control Agency



Capacity Charge Update

BARTLE WELLS ASSOCIATES
INDEPENDENT PUBLIC FINANCE ADVISORS

Table 1
MRWPCA Capacity Charge Update
Fixed Asset Cost Allocation

	Location 1	Location 2	ENR-Adjusted Cost Basis	Facility Cost Allocation % Admin/Gen'l	Flow	BOD	SS	Total	Facility Cost Allocation % Admin/Gen'l	Flow	BOD	SS	Total
Administration	90		8,456,404	100%	0%	0%	0%	100%	8,456,404	0	0	0	8,456,404
Pump Stations	1 - 30		133,934,531	0%	100%	0%	0%	100%	0	133,934,531	0	0	133,934,531
Regional Treatment Plant	80												
Control Room		80009	3,117	5%	35%	25%	35%	100%	156	1,091	779	1,091	3,117
Administration		80010	5,534,145	85%	5%	5%	5%	100%	4,704,024	276,707	276,707	276,707	5,534,145
New RTP Admin Bldg		80011	6,097,478	25%	40%	10%	25%	100%	1,524,370	2,438,991	609,748	1,524,370	6,097,478
Lab		80012	446,472	5%	0%	60%	35%	100%	22,324	0	267,883	156,265	446,472
RTP Main Phone Room		80013	79,819	25%	25%	25%	25%	100%	19,955	19,955	19,955	19,955	79,819
RTP Lunch Room		80015	438,350	25%	25%	25%	25%	100%	109,588	109,588	109,588	109,588	438,350
Maintenance		80020	3,485,285	5%	45%	20%	30%	100%	174,264	1,568,378	697,057	1,045,585	3,485,285
Modular Office Trailer		80025	29,166	25%	25%	25%	25%	100%	7,292	7,292	7,292	7,292	29,166
Old Vehicle Storage/Auto Shop		80030	1,447,010	5%	30%	25%	40%	100%	72,351	434,103	361,753	578,804	1,447,010
Cogen Building		80039	734,150	5%	0%	40%	55%	100%	36,708	0	293,660	403,783	734,150
Power Generation		80040	17,359,905	5%	0%	40%	55%	100%	867,995	0	6,943,962	9,547,948	17,359,905
Fire Pump Building (near Cogen)		80041	3,298	70%	0%	15%	15%	100%	2,309	0	495	495	3,298
Chemical		80050	3,148,813	0%	5%	5%	90%	100%	0	157,441	157,441	2,833,932	3,148,813
GWR Demonstration Facility		80051	360,254	100%	0%	0%	0%	100%	360,254	0	0	0	360,254
Trickling Filter Pump Station		80060	7,464,020	0%	0%	100%	0%	100%	0	0	7,464,020	0	7,464,020
Trickling Filter Electrical Building		80061	53,118	0%	0%	100%	0%	100%	0	0	53,118	0	53,118
Digester Control Building		80070	7,689,281	0%	0%	10%	90%	100%	0	0	768,928	6,920,353	7,689,281
Digester Electrical Building		80071	333,945	0%	0%	10%	90%	100%	0	0	33,395	300,551	333,945
Digesters		80072	499,703	0%	0%	10%	90%	100%	0	0	49,970	449,733	499,703
Brine Pond		80075	237,260	0%	100%	0%	0%	100%	0	237,260	0	0	237,260
Headworks Electrical		80080	872,478	5%	15%	15%	65%	100%	43,624	130,872	130,872	567,111	872,478
Bioflocculation Area		80089	6,043	0%	0%	55%	45%	100%	0	0	3,324	2,719	6,043
Bioflocculation Blower		80090	3,712,457	0%	0%	55%	45%	100%	0	0	2,041,851	1,670,606	3,712,457
Headworks		80100	11,850,924	0%	50%	5%	45%	100%	0	5,925,462	592,546	5,332,916	11,850,924
Headworks Bypass		80101	1,092,489	0%	100%	0%	0%	100%	0	1,092,489	0	0	1,092,489
Primary Clarifiers Pump Pit		80110	383,725	0%	0%	20%	80%	100%	0	0	76,745	306,980	383,725
Primary Clarifier #1		80111	1,858,135	0%	0%	20%	80%	100%	0	0	371,627	1,486,508	1,858,135
Primary Clarifier #2		80112	1,824,069	0%	0%	20%	80%	100%	0	0	364,814	1,459,255	1,824,069
Primary Clarifier #3		80113	1,709,912	0%	0%	20%	80%	100%	0	0	341,982	1,367,930	1,709,912
Primary Clarifier #4		80114	1,715,313	0%	0%	20%	80%	100%	0	0	343,063	1,372,250	1,715,313
Primary Clarifier #5		80115	2,075,643	0%	0%	20%	80%	100%	0	0	415,129	1,660,514	2,075,643
Scum Hopper/Dewater		80116	144,307	0%	0%	0%	100%	100%	0	0	0	144,307	144,307
Belt Press Building		80117	76,341	0%	34%	33%	33%	100%	0	25,956	25,193	25,193	76,341
Screw Press Building		80118	7,284,139	0%	0%	10%	90%	100%	0	0	728,414	6,555,725	7,284,139
SCADA		80119	4,849	15%	45%	20%	20%	100%	727	2,182	970	970	4,849
Primary Sludge Pump Station		80120	6,005,167	0%	0%	20%	80%	100%	0	0	1,201,033	4,804,134	6,005,167
Class C Water Pump Station		80121	40,889	0%	0%	34%	66%	100%	0	0	13,902	26,987	40,889
Trickling Filter Tower 1,2,3		80131	12,982,198	0%	0%	100%	0%	100%	0	0	12,982,198	0	12,982,198
Trickling Filter Tower 4,5,6		80132	12,901,979	0%	0%	100%	0%	100%	0	0	12,901,979	0	12,901,979
Secondary Clarifiers Pump Pit		80140	13,139	0%	0%	34%	66%	100%	0	0	4,467	8,672	13,139
Secondary Clarifier #1		80141	1,513,320	0%	5%	35%	60%	100%	0	75,666	529,662	907,992	1,513,320
Secondary Clarifier #2		80142	1,513,320	0%	5%	35%	60%	100%	0	75,666	529,662	907,992	1,513,320
Secondary Clarifier #3		80143	1,521,404	0%	5%	35%	60%	100%	0	76,070	532,491	912,842	1,521,404
Secondary Clarifier #4		80144	1,513,318	0%	5%	35%	60%	100%	0	75,666	529,661	907,991	1,513,318
Secondary Clarifier #5		80145	1,513,318	0%	5%	35%	60%	100%	0	75,666	529,661	907,991	1,513,318
Secondary Clarifier #6		80146	1,498,178	0%	5%	35%	60%	100%	0	74,909	524,362	898,907	1,498,178
Secondary Flow Distribution		80150	6,136,395	0%	50%	15%	35%	100%	0	3,068,197	920,459	2,147,738	6,136,395
Secondary Effluent Rapid Mix		80160	1,287,188	0%	80%	10%	10%	100%	0	1,029,750	128,719	128,719	1,287,188
CL2 Injection Water Pump Station		80170	825,908	0%	0%	50%	50%	100%	0	0	412,954	412,954	825,908
Outfall Junction		80180	2,081	0%	100%	0%	0%	100%	0	2,081	0	0	2,081
Recycle Sump #2 - East		80191	231,095	0%	10%	20%	70%	100%	0	23,110	46,219	161,767	231,095
Recycle Sump #2 - West		80192	236,197	0%	20%	40%	40%	100%	0	47,239	94,479	94,479	236,197
Daft Area		80200	29,468	0%	5%	40%	55%	100%	0	1,473	11,787	16,207	29,468
Gravity Thickener/Daft #2		80201	1,823,920	0%	5%	30%	65%	100%	0	91,196	547,176	1,185,548	1,823,920
Daft Thickener #3		80202	1,928,605	0%	5%	55%	40%	100%	0	96,430	1,060,733	771,442	1,928,605
Anaerobic Digester #1		80203	398,556	0%	5%	40%	55%	100%	0	19,928	159,422	219,206	398,556
Anaerobic Digester #2		80211	2,828,177	0%	5%	40%	55%	100%	0	141,409	1,131,271	1,555,498	2,828,177
Anaerobic Digester #3		80212	3,865,511	0%	5%	40%	55%	100%	0	193,276	1,546,204	2,126,031	3,865,511
Anaerobic Digester #4		80213	4,200,937	0%	5%	40%	55%	100%	0	210,047	1,680,375	2,310,515	4,200,937
Anaerobic Digester #1		80214	2,848,188	0%	5%	40%	55%	100%	0	142,409	1,139,275	1,566,504	2,848,188
Sludge Lagoons		80220	2,682,387	0%	0%	40%	60%	100%	0	0	1,072,955	1,609,432	2,682,387
Drying Beds		80221	11,276,083	0%	0%	40%	60%	100%	0	0	4,510,433	6,765,650	11,276,083
Odor Control Systems		80230	1,422,209	10%	0%	80%	10%	100%	142,221	0	1,137,767	142,221	1,422,209
Chlorine Contact Tank		80240							0	0	0	0	0
Bioflocculation Basin #1		80251	3,017,877	5%	10%	45%	40%	100%	150,894	301,788	1,358,045	1,207,151	3,017,877
Bioflocculation Basin #2		80252	3,017,877	5%	10%	45%	40%	100%	150,894	301,788	1,358,045	1,207,151	3,017,877
Bioflocculation Basin #3		80253	3,017,872	5%	10%	45%	40%	100%	150,894	301,787	1,358,043	1,207,149	3,017,872
Influent Junction		80260	84,222	0%	100%	0%	0%	100%	0	84,222	0	0	84,222
Thickened Sludge Pump Station		80280	2,972,791	0%	5%	40%	55%	100%	0	148,640	1,189,117	1,635,035	2,972,791
Storm Retention Pond		80290	596,683	0%	100%	0%	0%	100%	0	596,683	0	0	596,683
Low Pressure Gas Storage Tank		80301	66,922	0%	0%	45%	55%	100%	0	0	30,115	36,807	66,922
High Pressure Gas Storage Tank		80302	674,853	0%	0%	45%	55%	100%	0	0	303,684	371,169	674,853
Truck Scale		80310	12,439	0%	40%	25%	35%	100%	0	4,975	3,110	4,353	12,439
Liquid Waste Receiving		80315	257,760	0%	40%	25%	35%	100%	0	103,104	64,440	90,216	257,760
Primary Influent Structure		80320	5,386,560	0%	40%	25%	35%	100%	0	2,154,624	1,346,640	1,885,296	5,386,560
New Veh Steel - OPS Storage		80330	630,253	5%	30%	25%	40%	100%	31,513	189,076	157,563	252,101	630,253
Gasoline Fuel Tank/Pump Dispenser		80340	605,019	0%	80%	10%	10%	100%	0	484,015	60,502	60,502	605,019
Diesel Fuel Tank/Pump Dispenser		80341	174,406	15%	50%	15%	20%	100%	26,161	87,203	26,161	34,881	174,406
Waste Gas Burner		80350	40,445	0%	5%	45%	50%	100%	0	2,022	18,200	20,223	40,445
Site Throughout		80990	97,798,661	0%	40%	25%	35%	100%	0	39,119,464	24,449,665	34,229,531	97,798,661
Other Treatment Plant Assets			7,019,518	0%	40%	25%	35%	100%	0	2,807,807	1,754,880	2,456,831	7,019,518
Outfall Diffuser Port Works		80999	2,335,831	0%	100%	0%	0%	100%	0	2,335,831	0	0	2,335,831
Subtotal			300,804,539	2.9%	22.3%	34.2%	40.7%	100%	8,598,513	66,970,982	102,909,796	122,325,247	300,804,539
Portible Equipment	888		879,082	~~0.0%~~	~~100.0%~~	~~0.0%~~	~~0.0%~~	~~100.0%~~	0	879,082	0	0	879,082
Total			444,074,555	3.8%	45.4%	23.2%	27.5%	100.0%	17,054,917	201,784,594	102,909,796	122,325,247	444,074,555

Table 2
MRWPCA Capacity Charge Update
10-Year CIP Cost Allocation

Project Description	Process Area	10-Year CIP FY17-26 (Current $)	Cost Allocation % Rehab & Replacement	Cost Allocation % Upgrade & Expansion	Cost Allocation $ Rehab & Replacement	Cost Allocation $ Upgrade & Expansion
Energy Management Study	RTP	$400,000	0%	100%	$0	$400,000
Master Plan- RTP	RTP	600,000	0%	100%	0	600,000
Master Plan- Cogen	RTP	250,000	0%	100%	0	250,000
Master Plan- Pump Stations & Conveyance System	Pump Stations	750,000	0%	100%	0	750,000
3rd Screw and cover for screws	Screwpress	1,250,000	0%	100%	0	1,250,000
Food Waste & FOG Facility	Digesters	0	0%	100%	0	0
Odor Scrubbers	Sta 15 & 13	750,000	0%	100%	0	750,000
Low Pressure Gas System	Digester Gas	650,000	0%	100%	0	650,000
Liquid Waste Automated Check In	Liquid Waste	100,000	0%	100%	0	100,000
- GIS	General- SCADA	50,000	0%	100%	0	50,000
- Ops Logging Software (Proj #26)	General- SCADA	50,000	0%	100%	0	50,000
- Online O&M Ph 3 of 3 (Proj 30)	General- SCADA	75,000	0%	100%	0	75,000
- Pump Station Uniform Asset Tagging Project (Proj #4)	General- SCADA	100,000	0%	100%	0	100,000
Scrubber Retrofit to Bioscrubber	Thickeners	125,000	0%	100%	0	125,000
Headworks Screenings Compactor and Bin Cover	Headworks	210,000	0%	100%	0	210,000
RTP Screwpress Manhole for Process Control Monitoring	Screwpress	150,000	0%	100%	0	150,000
Biosolids Storage Hopper	Screwpress	800,000	0%	100%	0	800,000
Reeside PS Flow Meter	Sta 7	25,000	0%	100%	0	25,000
Backup Generator	Harris Court	30,000	0%	100%	0	30,000
Salinas Pump Station PLC Upgrades (Construction)	SAPS	200,000	0%	100%	0	200,000
- CMMS Implementation (Proj #27)	General- SCADA	400,000	0%	100%	0	400,000
Moss Landing Pump Station Upgrades	MLPS	800,000	0%	100%	0	800,000
Station Valve Replacement and Additions	Sta 13	600,000	40%	60%	240,000	360,000
Monterey PS Drives (Design)	MOPS	1,050,000	100%	0%	1,050,000	0
Land Outfall Permanent Stabilization	Outfall	1,560,000	0%	100%	0	1,560,000
Trickling Filter Area Rehab (Design)	Trickling Filter	1,850,000	100%	0%	1,850,000	0
Plant Electrical Distribution- transfer switch, generators	Cogen/RTP	5,267,184	100%	0%	5,267,184	0
Primary Clarifier 5 Influent gates and actuators	Primary 5	150,000	100%	0%	150,000	0
Primary 5 Sludge Lines Cleanouts	Primary 5	125,000	0%	100%	0	125,000
Access Ramp Rehab, Liner Repair	Storm Pond	340,000	100%	0%	340,000	0

Table 2
MRWPCA Capacity Charge Update
10-Year CIP Cost Allocation

		10-Year CIP	Cost Allocation %		Cost Allocation $	
Project Description	Process Area	FY17-26 (Current $)	Rehab & Replacement	Upgrade & Expansion	Rehab & Replacement	Upgrade & Expansion
Headworks Bypass Upgrades	Headworks	200,000	0%	100%	0	200,000
FOPS Pump Replacement (Low Flow)	FOPS	870,000	100%	0%	870,000	0
SEPS Pump Replacement	SEPS	1,000,000	100%	0%	1,000,000	0
Grit Removal- stop logs	Grit Removal	350,000	100%	0%	350,000	0
FOPS Backup Controls	FOPS	50,000	0%	100%	0	50,000
CAPS/FOPS Door Replacement	CAPS/FOPS	100,000	100%	0%	100,000	0
Pavement Rehab- whole facility + repairs at lagoons	General	275,000	100%	0%	275,000	0
Station Valve Replacement and Additions	Sta 15	500,000	40%	60%	200,000	300,000
- Control Room Remodel (Proj #8)	General - SCADA	120,000	0%	100%	0	120,000
Trickling Filter Odor Scrubber Demo	Trickling Filter	50,000	0%	100%	0	50,000
Marina Drives	MAPS	130,000	100%	0%	130,000	0
Ceiling	Cogen Bldg	100,000	100%	0%	100,000	0
Seaside Pump Station Electrical Upgrades	SEPS	2,000,000	50%	50%	1,000,000	1,000,000
Fort Ord Pump Station Electrical Upgrades	FOPS	2,000,000	50%	50%	1,000,000	1,000,000
DAFT Center Column & VFD	Thickeners	200,000	50%	50%	100,000	100,000
Headworks Influent Sluice Gate Actuators & Gates	Headworks	60,000	100%	0%	60,000	0
SEPS Concrete Corrosion Rehab	SEPS	225,000	100%	0%	225,000	0
Headworks Area Rehab- Electrical	Headworks	1,000,000	100%	0%	1,000,000	0
Digester Area Rehab- Electrical & Digester #1 Rehab	Digesters	750,000	100%	0%	750,000	0
FOPS Roof Replacement	FOPS	50,000	100%	0%	50,000	0
Primary Clarifiers- scum pumps	Primaries	152,000	100%	0%	152,000	0
Cogen Compressor	Cogen	1,000,000	100%	0%	1,000,000	0
Coral St Dry Side Pump Replacement	Sta 15	100,000	100%	0%	100,000	0
Marina Pump Station- Generator with AST & UST Removal	MAPS	255,000	0%	100%	0	255,000
Relocation of Station 15	Sta 15	24,000,000	100%	0%	24,000,000	0
Mixed Liquor Distribution Structure Gates and Valves	Secondaries	119,000	100%	0%	119,000	0
Monterey PS Pumps	MOPS	1,500,000	100%	0%	1,500,000	0
Seismic Upgrades	RTP	475,000	0%	100%	0	475,000
Headworks Grit Bin Drain	Headworks	50,000	100%	0%	50,000	0
Class C Pump Station Redesign	Class C PS	2,000,000	0%	100%	0	2,000,000

Table 2
MRWPCA Capacity Charge Update
10-Year CIP Cost Allocation

Project Description	Process Area	10-Year CIP FY17-26 (Current $)	Cost Allocation % Rehab & Replacement	Cost Allocation % Upgrade & Expansion	Cost Allocation $ Rehab & Replacement	Cost Allocation $ Upgrade & Expansion
Trickling Filter Mechanisms & Domes #1 & 2	Trickling Filter	6,620,000	100%	0%	6,620,000	0
Trickling Filter Mechanisms & Domes #3 & 4	Trickling Filter	6,620,000	100%	0%	6,620,000	0
Trickling Filter Mechanisms & Domes #5 & 6	Trickling Filter	6,620,000	100%	0%	6,620,000	0
Liquid Waste Facility Upgrades (design)	Liquid Waste	250,000	0%	100%	0	250,000
Lighting Retrofit	Harris Court	50,000	0%	100%	0	50,000
Trickling Filter Influent and Effluent Gates	Trickling Filter	1,250,000	100%	0%	1,250,000	0
furnishings, carpet	Harris Court	125,000	100%	0%	125,000	0
Carpets, Lab Layout, furnishings	RTP Admin	250,000	100%	0%	250,000	0
Belt Press Building Replacement	Belt Press	80,000	100%	0%	80,000	0
Shop Upgrades	Maint Bldg	100,000	0%	100%	0	100,000
Primary Launders Concrete Repairs	Primaries	150,000	100%	0%	150,000	0
Digesters Concrete Repairs	Digesters	80,000	100%	0%	80,000	0
Total		**80,583,184**	**80.4%**	**19.6%**	**64,823,184**	**15,760,000**

Cost allocation by MRWPCA Engineering Supervisor.

Table 3
MRWPCA Capacity Charge Update
10-Year CIP Cost Allocation

Project Description	Process Area	10-Year CIP FY17-26 (Current $)	Cost Allocation To Upgrade & Expansion	Cost Allocation %			Cost Allocation $		
				Flow	BOD	SS	Flow	BOD	SS
Energy Management Study	RTP	$400,000	$400,000	0%	35%	65%	$0	$140,000	$260,000
Master Plan- RTP	RTP	600,000	600,000	50%	20%	30%	300,000	120,000	180,000
Master Plan- Cogen	RTP	250,000	250,000	0%	35%	65%	0	87,500	162,500
Master Plan- Pump Stations & Conveyance System	Pump Stations	750,000	750,000	100%	0%	0%	750,000	0	0
3rd Screw and cover for screws	Screwpress	1,250,000	1,250,000	0%	0%	100%	0	0	1,250,000
Food Waste & FOG Facility	Digesters	tbd	0	0%	100%	0%	0	0	0
Odor Scrubbers	Sta 15 & 13	750,000	750,000	0%	100%	0%	0	750,000	0
Low Pressure Gas System	Digester Gas	650,000	650,000	0%	100%	0%	0	650,000	0
Liquid Waste Automated Check In	Liquid Waste	100,000	100,000	5%	75%	20%	5,000	75,000	20,000
- GIS	General- SCADA	50,000	50,000	50%	20%	30%	25,000	10,000	15,000
- Ops Logging Software (Proj #26)	General- SCADA	50,000	50,000	50%	20%	30%	25,000	10,000	15,000
- Online O&M Ph 3 of 3 (Proj 30)	General- SCADA	75,000	75,000	50%	20%	30%	37,500	15,000	22,500
- Pump Station Uniform Asset Tagging Project (Proj #4)	General- SCADA	100,000	100,000	100%	0%	0%	100,000	0	0
Scrubber Retrofit to Bioscrubber	Thickeners	125,000	125,000	0%	0%	100%	0	0	125,000
Headworks Screenings Compactor and Bin Cover	Headworks	210,000	210,000	50%	20%	30%	105,000	42,000	63,000
RTP Screwpress Manhole for Process Control Monitoring	Screwpress	150,000	150,000	0%	0%	100%	0	0	150,000
Biosolids Storage Hopper	Screwpress	800,000	800,000	0%	0%	100%	0	0	800,000
Reeside PS Flow Meter	Sta 7	25,000	25,000	100%	0%	0%	25,000	0	0
Backup Generator	Harris Court	30,000	30,000	60%	15%	25%	18,000	4,500	7,500
Salinas Pump Station PLC Upgrades (Construction)	SAPS	200,000	200,000	100%	0%	0%	200,000	0	0
- CMMS Implementation (Proj #27)	General- SCADA	400,000	400,000	60%	15%	25%	240,000	60,000	100,000
Moss Landing Pump Station Upgrades	MLPS	800,000	800,000	100%	0%	0%	800,000	0	0
Station Valve Replacement and Additions	Sta 13	600,000	360,000	100%	0%	0%	360,000	0	0
Monterey PS Drives (Design)	MOPS	1,050,000	0	100%	0%	0%	0	0	0
Land Outfall Permanent Stabilization	Outfall	1,560,000	1,560,000	100%	0%	0%	1,560,000	0	0
Trickling Filter Area Rehab (Design)	Trickling Filter	1,850,000	0	0%	100%	0%	0	0	0
Plant Electrical Distribution- transfer switch, generators	Cogen/RTP	5,267,184	0	0%	35%	65%	0	0	0
Primary Clarifier 5 Influent gates and actuators	Primary 5	150,000	0	0%	0%	100%	0	0	0
Primary 5 Sludge Lines Cleanouts	Primary 5	125,000	125,000	0%	0%	100%	0	0	125,000
Access Ramp Rehab, Liner Repair	Storm Pond	340,000	0	50%	20%	30%	0	0	0
Headworks Bypass Upgrades	Headworks	200,000	200,000	50%	20%	30%	100,000	40,000	60,000
FOPS Pump Replacement (Low Flow)	FOPS	870,000	0	100%	0%	0%	0	0	0
SEPS Pump Replacement	SEPS	1,000,000	0	100%	0%	0%	0	0	0
Grit Removal- stop logs	Grit Removal	350,000	0	100%	0%	0%	0	0	0
FOPS Backup Controls	FOPS	50,000	50,000	100%	0%	0%	50,000	0	0
CAPS/FOPS Door Replacement	CAPS/FOPS	100,000	0	100%	0%	0%	0	0	0
Pavement Rehab- whole facility + repairs at lagoons	General	275,000	0	50%	20%	30%	0	0	0
Station Valve Replacement and Additions	Sta 15	500,000	300,000	100%	0%	0%	300,000	0	0

Table 3
MRWPCA Capacity Charge Update
10-Year CIP Cost Allocation

				Cost Allocation %			Cost Allocation $		
Project Description	Process Area	10-Year CIP FY17-26 (Current $)	Cost Allocation To Upgrade & Expansion	Flow	BOD	SS	Flow	BOD	SS
- Control Room Remodel (Proj #8)	General - SCADA	120,000	120,000	60%	15%	25%	72,000	18,000	30,000
Trickling Filter Odor Scrubber Demo	Trickling Filter	50,000	50,000	0%	100%	0%	0	50,000	0
Marina Drives	MAPS	130,000	0	100%	0%	0%	0	0	0
Ceiling	Cogen Bldg	100,000	0	0%	35%	65%	0	0	0
Seaside Pump Station Electrical Upgrades	SEPS	2,000,000	1,000,000	100%	0%	0%	1,000,000	0	0
Fort Ord Pump Station Electrical Upgrades	FOPS	2,000,000	1,000,000	100%	0%	0%	1,000,000	0	0
DAFT Center Column & VFD	Thickeners	200,000	100,000	0%	0%	100%	0	0	100,000
Headworks Influent Sluice Gate Actuators & Gates	Headworks	60,000	0	100%	0%	0%	0	0	0
SEPS Concrete Corrosion Rehab	SEPS	225,000	0	100%	0%	0%	0	0	0
Headworks Area Rehab- Electrical	Headworks	1,000,000	0	100%	0%	0%	0	0	0
Digester Area Rehab- Electrical & Digester #1 Rehab	Digesters	750,000	0	0%	0%	100%	0	0	0
FOPS Roof Replacement	FOPS	50,000	0	100%	0%	0%	0	0	0
Primary Clarifiers- scum pumps	Primaries	152,000	0	0%	50%	50%	0	0	0
Cogen Compressor	Cogen	1,000,000	0	0%	35%	65%	0	0	0
Coral St Dry Side Pump Replacement	Sta 15	100,000	0	100%	0%	0%	0	0	0
Marina Pump Station- Generator with AST & UST Removal	MAPS	255,000	255,000	100%	0%	0%	255,000	0	0
Relocation of Station 15	Sta 15	24,000,000	0	100%	0%	0%	0	0	0
Mixed Liquor Distribution Structure Gates and Valves	Secondaries	119,000	0	100%	0%	0%	0	0	0
Monterey PS Pumps	MOPS	1,500,000	0	100%	0%	0%	0	0	0
Seismic Upgrades	RTP	475,000	475,000	0%	35%	65%	0	166,250	308,750
Headworks Grit Bin Drain	Headworks	50,000	0	50%	20%	30%	0	0	0
Class C Pump Station Redesign	Class C PS	2,000,000	2,000,000	50%	20%	30%	1,000,000	400,000	600,000
Trickling Filter Mechanisms & Domes #1 & 2	Trickling Filter	6,620,000	0	0%	100%	0%	0	0	0
Trickling Filter Mechanisms & Domes #3 & 4	Trickling Filter	6,620,000	0	0%	100%	0%	0	0	0
Trickling Filter Mechanisms & Domes #5 & 6	Trickling Filter	6,620,000	0	0%	100%	0%	0	0	0
Liquid Waste Facility Upgrades (design)	Liquid Waste	250,000	250,000	5%	75%	20%	12,500	187,500	50,000
Lighting Retrofit	Harris Court	50,000	50,000	60%	15%	25%	30,000	7,500	12,500
Trickling Filter Influent and Effluent Gates	Trickling Filter	1,250,000	0	0%	50%	50%	0	0	0
furnishings, carpet	Harris Court	125,000	0	60%	15%	25%	0	0	0
Carpets, Lab Layout, furnishings	RTP Admin	250,000	0	50%	20%	30%	0	0	0
Belt Press Building Replacement	Belt Press	80,000	0	0%	0%	100%	0	0	0
Shop Upgrades	Maint Bldg	100,000	100,000	50%	20%	30%	50,000	20,000	30,000
Primary Launders Concrete Repairs	Primaries	150,000	0	0%	100%	0%	0	0	0
Digesters Concrete Repairs	Digesters	80,000	0	0%	0%	100%	0	0	0
Total		**80,583,184**	**15,760,000**	**53.4%**	**18.1%**	**28.5%**	**8,420,000**	**2,853,250**	**4,486,750**

Cost allocation by MRWPCA Principal Engineer.

Table 4
MRWPCA Capacity Charge Update
Wastewater Costs Recovery

		Cost Allocation			
		Flow	BOD	SS	
Existing Wastewater System Assets (Jan-2017 Cost)					
Acquisition Cost Adjusted by ENR Construction Cost Index	$444,074,555	49.3%	23.2%	27.5%	100.0%
Allocation		$218,839,512	$102,909,796	$122,325,247	$444,074,555
10-Year Capital Improvement Projects (Current $)					
Upgrades/Expansions	15,760,000				
Rehab/Replacement	Excluded				
Subtotal	15,760,000	53.4%	18.1%	28.5%	100.0%
Allocation		8,420,000	2,853,250	4,486,750	15,760,000
Additional Capital Improvements Needed to Serve Growth	Excluded				
Debt Adjustment (Excludes Pension Obligation Bonds)					
Plus Prior Interest Pymts & Issuance Costs Through 06/30/17	18,897,937				
Less Outstanding Principal as of 06/30/17	(12,439,840)				
Net Debt Adjustment	6,458,097	49.3%	23.2%	27.5%	100.0%
Allocation		3,182,544	1,496,599	1,778,954	6,458,097
Unrestricted Operating Fund Reserves 06/30/16	3,690,569	50.0%	25.0%	25.0%	100.0%
Allocation		1,845,285	922,642	922,642	3,690,569
Total	**469,983,221**	**232,287,340**	**108,182,287**	**129,513,594**	**469,983,221**
% of Total		49.4%	23.0%	27.6%	100.0%

Table 5
MRWPCA Capacity Charge Update
Wastewater Capacity Charge Calculation

	Flow	BOD	SS
Cost Recovery			
Existing Wastewater System Assets	$218,839,512	$102,909,796	$122,325,247
10-Year Capital Improvement Projects (Current $)	8,420,000	2,853,250	4,486,750
Debt Adjustment (Excludes Pension Obligation Bonds)	3,182,544	1,496,599	1,778,954
Unrestricted Operating Fund Reserves 06/30/16	1,845,285	922,642	922,642
Total	**232,287,340**	**108,182,287**	**129,513,594**
Projected Service Capacity of Customer Base	18.0	420	400
	mgd	mg/l	mg/l
Wastewater Loadings	18,000,000	23,013,396	21,917,520
	gpd	lbs / year	lbs / year
Unit Charges	$12.90	$4.70	$5.91
	per gpd	per lb / year	per lb / year

Table 6
MRWPCA Capacity Charge Update
Capacity Charge per EDU

	Flow	BOD	SS	TOTAL
Capacity Charge per Unit	$12.9049	$4.70	$5.91	
	per gpd	per lbs / year	per lbs / year	
CAPACITY CHARGE PER EDU				
Residential Flow & Strength	150	300	300	
	gpd	mg/l	mg/l	
Residential Wastewater Loadings	150	137	137	
	gpd	lbs / year	lbs / year	
Capacity Charge per EDU	$1,935.73	$643.94	$809.46	**$3,389.13**
% of Capacity Charge per EDU	57.12%	19.00%	23.88%	

Table 7
MRWPCA Capacity Charge Update
Wastewater Capacity Charge Calculation

Cost Recovery % per EDU		
Flow	BOD	SS
57.12%	19.00%	23.88%

Customer Class				Wastewater Flow		Wastewater Strength			EDUs	Capacity
				Flow/Unit gpd	Flow Factor[1]	BOD mg/l	SS mg/l	Strength Factor[2]	Flow Factor x Strength Factor	Charge per Unit
RESIDENTIAL										
	102/105 107/109	Residential	Each living unit	150	1.00	300	300	1.00	1.000	$3,389.13
COMMERCIAL/INSTITUTIONAL										
A.	001	Business/Government	Location/each business	117	0.78	150	150	0.79	0.613	2,076.75
D.	221	Hotel/Motel	Each room	66	0.44	310	120	0.86	0.380	1,287.00
E.	222	Bed & Breakfast Inn	Each room	43	0.29	310	120	0.86	0.247	838.50
F.	231	Supermarket	Location	638	4.25	800	800	1.71	7.293	24,717.09
G.	241	Medical Office	Each licensed physician	156	1.04	130	80	0.72	0.746	2,527.96
H.	242	Dental Office	Each licensed dentist	215	1.43	130	80	0.72	1.028	3,484.05
I.	243	Rest Home/Convalescent	Each bed of licensed capacity	43	0.29	250	100	0.81	0.232	786.11
J.	244	General Hospital	Each bed of licensed capacity	256	1.71	250	100	0.81	1.381	4,680.12
K.	245	Animal Hospital	Location/each business	292	1.95	250	100	0.81	1.575	5,338.26
L.	261	Restaurant–One Meal	Each restaurant seat	6	0.04	1,000	600	1.68	0.067	228.04
	262	Restaurant–Two Meals	Each restaurant seat	9	0.06	1,000	600	1.68	0.101	342.06
	263	Restaurant–Three Meals	Each restaurant seat	17	0.11	1,000	600	1.68	0.191	646.11
M.	264	Restaurant w/Bar	Each restaurant seat	17	0.11	1,000	600	1.68	0.191	646.11
N.	265	Bar	Location/each business	254	1.69	200	200	0.86	1.451	4,918.64
O.	266	Nightclub	Location/each business	760	5.07	200	200	0.86	4.342	14,717.20
P.	267	Takeout Food–Small	Location/each business	283	1.89	500	300	1.13	2.126	7,204.09
	268	Takeout Food–Medium	Location/each business	697	4.65	500	300	1.13	5.235	17,742.92
	269	Takeout Food–Large	Location/each business	1,270	8.47	500	300	1.13	9.539	32,329.29
Q.	270	Bakery	Location/each business	230	1.53	1,000	600	1.68	2.579	8,741.49
R.	281	Theater	Per screen at each location	377	2.51	150	150	0.79	1.974	6,691.75
S.	282	Bowling Center	Location/each business	1,146	7.64	150	150	0.79	6.002	20,341.50
T.	290	Mortuary	Location/each business	310	2.07	800	800	1.71	3.544	12,009.87
U.	291	School (Minimum)	Each business	117	0.78	150	150	0.79	0.613	2,076.75
	292	School (0-6)	School population	2	0.01	130	100	0.73	0.010	33.13
	293	School (7-College)	School population	4	0.03	130	100	0.73	0.020	66.26
	294	Boarding School	School population	40	0.27	233	165	0.85	0.227	768.30
V.	331	Service Station/Repair	Location/each business	112	0.75	180	280	0.91	0.678	2,297.94
	332	Service Station/Repair (11-20)	Location/each business	112	0.75	180	280	0.91	0.678	2,297.94
W.	353	Dry Cleaners	Location/each business	386	2.57	150	150	0.79	2.022	6,851.50
X.	354	Laundromats	Each washing machine	102	0.68	150	110	0.75	0.513	1,737.12
			Mobile washers	34	0.23	20	150	0.70	0.159	540.25
SPECIAL USERS (Billed Individually)										
		Separate Billed Industrial/Commercial								
		Flow ($ per gpd)								1,935.73
		BOD ($ per lb / year)								643.94
		SS ($ per lb / year)								809.46

1 Flow Factor = Wastewater Flow in gallons per day (gpd) / 150

2 Strength Factor = 0.5712 + [0.1900 x BOD strength / 300] + [0.2388 x SS strength / 300]
With BOD and SS strengths in milligrams per liter (mg/l)

Table 8
MRWPCA Capacity Charge Update
Historical Influent Wastewater Loadings

	2013	2014	2015	2016	3-Year Avg
INFLUENT FLOW (MGD)					
January	18.1	16.8	16.5	16.9	
February	17.4	17.3	16.3	16.9	
March	17.3	17.0	16.4	17.5	
April	18.0	20.2	17.8	18.8	
May	18.1	20.5	18.9	19.4	
June	18.2	20.5	18.9	19.6	
July	18.4	20.8	19.0	19.4	
August	18.6	20.6	18.6	19.9	
September	18.6	20.3	18.6	19.4	
October	17.8	20.3	18.6	18.6	
November	17.7	19.2	16.2	16.7	
December	17.0	18.8	15.6	16.3	
AVERAGE	**17.9**	**19.4**	**17.6**	**18.3**	18.42
Without Ag Wash	17.5	17.8	16.2	17.1	17.03
With Ag Wash	18.2	20.5	18.6	19.3	19.46
BIOLOGICAL OXYGEN DEMAND		CBOD Concentrations			
January	326	362	419	319	
February	305	341	391	356	
March	277	366	372	348	
April	348	342	390	372	
May	367	370	393	356	
June	347	362	383	387	
July	342	380	383	422	
August	353	362	436	479	
September	377	372	394	428	
October	338	411	393	358	
November	345	397	391	355	Weighted
December	336	327	391	366	Average
AVERAGE	**338**	**366**	**395**	**379**	379
Without Ag Wash	318	359	393	341	364
With Ag Wash	353	371	396	407	391
BOD CONVERSION	**BOD = 1.622 x (CBOD-104.65)** (based on MRWPCA sampling data)				
Without Ag Wash	346	413	468	383	420
With Ag Wash	403	432	473	491	465
TOTAL SUSPENDED SOLIDS (TSS)					
January	391	421	470	364	
February	393	416	426	377	
March	416	420	393	372	
April	417	393	359	393	
May	424	419	337	371	
June	398	406	350	400	
July	406	417	364	461	
August	422	390	389	451	
September	401	398	394	423	
October	417	381	361	393	
November	406	394	375	375	Weighted
December	380	421	385	372	Average
AVERAGE	**406**	**406**	**384**	**396**	396
Without Ag Wash	397	414	410	371	398
With Ag Wash	412	401	365	413	393

Table A

MRWPCA Capacity Charge Update

Wastewater Fixed Asset Cost Basis

Excludes Water Reclamation Assets

Engineering News-Record Construction Cost Index (20-Cities Avg), January 2017	10531.68

Asset #	Description	Location 1	Location 2	Acquisition Year	Original Cost	Original Cost (w/ Adjustments)	Accumulated Depreciation	Depreciated Cost Basis	ENR-CCI for Acquisition Year	ENR-Adjusted Original Cost (w/ Adjustments)
00343	BUILDING, PUMP STATON NO. 23,	23	2301	1983	0	0	0	0	4066	0
00344	TRANSITION STRUCTURE 3	23	2301	1983	20,349	20,349	16,617	3,732	4066	52,708
00345	TRANSITION STRUCTURE 1	23	2301	1983	28,020	28,020	22,881	5,139	4066	72,577
00346	TRANSITION STRUCTURE 2	23	2301	1983	24,191	24,191	19,755	4,436	4066	62,659
00347	BUILDING	23	2301	1983	1,710,195	1,710,195	1,396,567	313,628	4066	4,429,716
00348	BUILDING	23	2301	1983	8,708	8,708	7,111	1,597	4066	22,555
00349	36" X 86'	23	2301	1983	47,445	47,445	38,744	8,701	4066	122,891
00350	24" X 111'	23	2301	1983	35,260	35,260	28,794	6,466	4066	91,330
00351	27" VCP X 40'	23	2301	1983	21,968	21,968	17,939	4,029	4066	56,901
00352	BUILDING	23	2301	1983	31,757	31,757	25,933	5,824	4066	82,256
00353	BUILDING	23	2301	1983	544	544	444	100	4066	1,409
00354	BUILDING	23	2301	1983	15,196	15,196	12,409	2,787	4066	39,360
00355	BUILDING	23	2301	1983	923	923	754	169	4066	2,391
00356	18" X 54'	23	2301	1983	15,564	15,564	12,710	2,854	4066	40,314
00357	8" X 240'	23	2301	1983	18,277	18,277	14,925	3,352	4066	47,341
00358	BUILDING	23	2301	1983	1,742	1,742	1,423	319	4066	4,512
00359	36" X 60'	23	2301	1983	33,044	33,044	26,984	6,060	4066	85,590
00360	PROPERTY IMPROVEMENT	23	2301	1983	3,458	3,458	2,824	634	4066	8,957
00361	CRANE, 2M801, 7 1/2 HP, 5 TON	23	2301	1983	37,130	37,130	30,321	6,809	4066	96,173
00362	INTERCOM SYSTEM	23	2301	1983	5,937	5,937	4,848	1,089	4066	15,378
00363	1 TON CAPACITY	23	2301	1983	14,401	14,401	11,760	2,641	4066	37,301
00364	PROPERTY IMPROVEMENT	23	2301	1983	693	693	566	127	4066	1,795
00365	PROPERTY IMPROVEMENT	23	2301	1983	2,769	2,769	2,261	508	4066	7,172
00366	PROPERTY IMPROVEMENT	23	2301	1983	6,883	6,883	5,621	1,262	4066	17,828
00367	PROPERTY IMPROVEMENT	23	2301	1983	3,161	3,161	2,581	580	4066	8,188
00368	2" GSP	23	2301	1983	8,549	8,549	6,981	1,568	4066	22,143
00369	PROPERTY IMPROVEMENT	23	2301	1983	923	923	754	169	4066	2,391
00370	FENCING, APPROX. 390 LIN. FT	23	2399	1983	0	0	0	0	4066	0
00371	PROPERTY IMPROVEMENT, 7' HIGH	23	2399	1983	5,997	5,997	4,897	1,100	4066	15,533
00372	BUILDING, PUMP STATION NO. 24,	23	2401	1984	0	0	0	0	4146	0
00373	BUILDING	24	2401	1983	33,036	33,036	26,978	6,058	4066	85,569
00374	BUILDING	24	2401	1983	1,750,056	1,750,056	1,429,118	320,938	4066	4,532,964
00375	BUILDING	24	2401	1983	8,940	8,940	7,301	1,639	4066	23,156
00376	BUILDING	24	2401	1983	543	543	443	100	4066	1,406
00377	48" RCP W/ PVC LNG	24	2401	1983	14,350	14,350	11,718	2,632	4066	37,169
00378	PRESSURE MANHOLE, 24"	24	2401	1983	17,266	17,266	14,100	3,166	4066	44,722
00379	BUILDING	24	2401	1983	923	923	754	169	4066	2,391
00380	BUILDING	24	2401	1983	21,753	21,753	17,764	3,989	4066	56,344
00381	BUILDING	24	2401	1983	43,983	43,983	35,917	8,066	4066	113,924
00382	BUILDING	24	2401	1983	190,504	190,504	155,568	34,936	4066	493,440
00383	BUILDING	24	2401	1983	34,536	34,536	28,203	6,333	4066	89,455
00384	PROPERTY IMPROVEMENT	24	2401	1983	8,549	8,549	6,981	1,568	4066	22,143
00385	PROPERTY IMPROVEMENT	24	2401	1983	3,360	3,360	2,744	616	4066	8,703
00386	PROPERTY IMPROVEMENT	24	2401	1983	923	923	754	169	4066	2,391
00387	PROPERTY IMPROVEMENT	24	2401	1983	9,454	9,454	7,720	1,734	4066	24,488
00388	PROPERTY IMPROVEMENT	24	2401	1983	55,602	55,602	45,405	10,197	4066	144,019
00389	PROPERTY IMPROVEMENT	24	2401	1983	1,516	1,516	1,238	278	4066	3,927
00390	PROPERTY IMPROVEMENT	24	2401	1983	3,464	3,464	2,829	635	4066	8,972
00391	FENCING, APPROX. 625 LIN. FT.	24	2499	1983	0	0	0	0	4066	0
00392	REDWOOD PICKET	24	2499	1983	8,229	8,229	8,229	0	4066	21,315
00420	BUILDING, PUMP STATION NO. 26,	26	2601	1985	0	0	0	0	4195	0
00421	BUILDING	26	2601	1985	126,970	126,970	97,072	29,898	4195	318,762
00423	SPRINKLER CONTROLLER, RC7A/B192346	26	2601	1985	251	251	187	64	4195	630
00424	LOUVER ACTIVATOR, MA 418-002	26	2601	1985	502	502	384	118	4195	1,260
00425	BUILDING, PUMP STATION NO. 27,	27	2701	1983	0	0	0	0	4066	0
00427	BUILDING	27	2701	1983	20,757	20,757	16,950	3,807	4066	53,764
00428	BUILDING	27	2701	1983	923	923	754	169	4066	2,391
00429	BUILDING	27	2701	1983	1,767,194	1,767,194	1,443,114	324,080	4066	4,577,354
00430	BUILDING	27	2701	1983	8,017	8,017	6,547	1,470	4066	20,765
00431	BUILDING	27	2701	1983	540	540	441	99	4066	1,399
00432	36" X 440'	27	2701	1983	30,461	30,461	24,875	5,586	4066	78,900
00433	24" X 65'	27	2701	1983	3,323	3,323	2,714	609	4066	8,607
00434	BUILDING	27	2701	1983	7,384	7,384	6,030	1,354	4066	19,126
00435	BUILDING	27	2701	1983	111,997	111,997	91,458	20,539	4066	290,093
00436	BUILDING	27	2701	1983	3,850	3,850	3,144	706	4066	9,972
00437	BUILDING	27	2701	1983	2,769	2,769	2,261	508	4066	7,172
00438	16" X 40'	27	2701	1983	1,384	1,384	1,130	254	4066	3,585
00439	48" X 120'	27	2701	1983	11,630	11,630	9,497	2,133	4066	30,124
00440	30" X 650'	27	2701	1983	38,235	38,235	31,223	7,012	4066	99,036
00441	2" GSP	27	2701	1983	8,549	8,549	6,981	1,568	4066	22,143
00442	PROPERTY IMPROVEMENT	27	2701	1983	3,093	3,093	2,526	567	4066	8,011
00443	PROPERTY IMPROVEMENT	27	2701	1983	2,507	2,507	2,047	460	4066	6,494
00444	PROPERTY IMPROVEMENT	27	2701	1983	923	923	754	169	4066	2,391
00445	PROPERTY IMPROVEMENT	27	2701	1983	9,527	9,527	7,780	1,747	4066	24,677
00446	PROPERTY IMPROVEMENT	27	2701	1983	24,877	24,877	20,315	4,562	4066	64,436
00447	PROPERTY IMPROVEMENT	27	2701	1983	1,550	1,550	1,266	284	4066	4,015
00451	CRANE, 4M801, 7 1/2 HP, 5 TON	27	2701	1983	32,704	32,704	26,707	5,997	4066	84,709
00452	120 V. TIME CLOCK/BLDG EXTERIOR	27	2701	1983	502	502	410	92	4066	1,300
00453	CRANE, 4M801	27	2701	1983	502	502	410	92	4066	1,300
00454	INTERCOM SYSTEM	27	2701	1983	2,585	2,585	2,111	474	4066	6,696
00455	2 TON CAPACITY	27	2701	1983	12,638	12,638	10,320	2,318	4066	32,735

Table A
MRWPCA Capacity Charge Update
Wastewater Fixed Asset Cost Basis

Excludes Water Reclamation Assets

Engineering News-Record Construction Cost Index (20-Cities Avg), January 2017 10531.68

Asset #	Description	Location 1	Location 2	Acquisition Year	Original Cost	Original Cost (w/ Adjustments)	Accumulated Depreciation	Depreciated Cost Basis	ENR-CCI for Acquisition Year	ENR-Adjusted Original Cost (w/ Adjustments)
00602	OUTFALL APPURTENANCES	80	80990	1983	118,260	118,260	51,507	66,753	4066	306,315
00717	OUTFALL APPURTENANCES	80	80990	1983	4,340	4,340	1,890	2,450	4066	11,241
00719	OUTFALL APPURTENANCES	80	80990	1983	21,923	21,923	9,548	12,375	4066	56,785
00721	OUTFALL APPURTENANCES	80	80990	1983	25,058	25,058	10,914	14,144	4066	64,905
00723	OUTFALL APPURTENANCES	80	80990	1983	2,130	2,130	928	1,203	4066	5,517
00725	OUTFALL APPURTENANCES	80	80990	1983	1,002	1,002	437	565	4066	2,595
00726	OUTFALL APPURTENANCES	80	80990	1983	1,253	1,253	546	707	4066	3,245
00727	OUTFALL APPURTENANCES	80	80990	1983	1,002	1,002	437	565	4066	2,595
00728	OUTFALL APPURTENANCES	80	80990	1983	1,253	1,253	546	707	4066	3,245
00729	OUTFALL APPURTENANCES	80	80990	1983	7,015	7,015	3,055	3,960	4066	18,170
00730	OUTFALL APPURTENANCES	80	80990	1983	2,130	2,130	928	1,203	4066	5,517
00731	OUTFALL APPURTENANCES	80	80990	1983	2,130	2,130	928	1,203	4066	5,517
00732	OUTFALL APPURTENANCES	80	80990	1983	1,002	1,002	437	565	4066	2,595
00733	OUTFALL APPURTENANCES	80	80990	1983	1,253	1,253	546	707	4066	3,245
00735	OUTFALL APPURTENANCES	80	80990	1983	1,002	1,002	437	565	4066	2,595
00736	OUTFALL APPURTENANCES	80	80990	1983	1,253	1,253	546	707	4066	3,245
00737	OUTFALL APPURTENANCES	80	80990	1983	7,015	7,015	3,055	3,960	4066	18,170
00738	OUTFALL APPURTENANCES	80	80990	1983	1,002	1,002	437	565	4066	2,595
00739	OUTFALL APPURTENANCES	80	80990	1983	1,253	1,253	546	707	4066	3,245
00740	OUTFALL APPURTENANCES	80	80990	1983	1,002	1,002	437	565	4066	2,595
00741	OUTFALL APPURTENANCES	80	80990	1983	1,253	1,253	546	707	4066	3,245
00742	OUTFALL APPURTENANCES	80	80990	1983	7,015	7,015	3,055	3,960	4066	18,170
00743	OUTFALL APPURTENANCES	80	80990	1983	1,002	1,002	437	565	4066	2,595
00744	OUTFALL APPURTENANCES	80	80990	1983	1,378	1,378	600	778	4066	3,569
00745	OUTFALL APPURTENANCES	80	80990	1983	3,383	3,383	1,473	1,910	4066	8,763
00746	OUTFALL APPURTENANCES	80	80990	1983	78,504	78,504	34,192	44,312	4066	203,340
00747	OUTFALL APPURTENANCES	80	80990	1983	115,143	115,143	50,149	64,994	4066	298,241
00748	OUTFALL APPURTENANCES	80	80990	1983	80,288	80,288	34,968	45,320	4066	207,961
00749	OUTFALL APPURTENANCES	80	80990	1983	169,910	169,910	74,002	95,908	4066	440,098
00750	OUTFALL APPURTENANCES	80	80990	1983	549,886	549,886	239,496	310,390	4066	1,424,305
00751	OUTFALL APPURTENANCES	80	80990	1983	459,088	459,088	199,951	259,137	4066	1,189,121
00752	OUTFALL APPURTENANCES	80	80990	1983	746,659	746,659	325,198	421,461	4066	1,933,983
00753	OUTFALL APPURTENANCES	80	80990	1983	1,945,311	1,945,311	847,257	1,098,054	4066	5,038,710
00754	OUTFALL APPURTENANCES	80	80990	1983	1,205,987	1,205,987	525,253	680,734	4066	3,123,726
00755	OUTFALL APPURTENANCES	80	80990	1983	2,690,888	2,690,888	1,171,984	1,518,904	4066	6,969,890
00756	OUTFALL APPURTENANCES	80	80990	1983	4,308,139	4,308,139	1,876,359	2,431,780	4066	11,158,864
00757	OUTFALL APPURTENANCES	80	80990	1983	10,092,372	10,092,372	4,395,613	5,696,759	4066	26,141,080
00758	OUTFALL APPURTENANCES	80	80990	1983	844,325	844,325	367,736	476,589	4066	2,186,955
00759	OUTFALL APPURTENANCES	80	80990	1983	1,554,353	1,554,353	676,980	877,373	4066	4,026,057
00760	OUTFALL APPURTENANCES	80	80990	1983	1,500,402	1,500,402	653,482	846,920	4066	3,886,314
00761	OUTFALL APPURTENANCES	80	80990	1983	271,375	271,375	118,194	153,181	4066	702,911
00762	OUTFALL APPURTENANCES	80	80990	1983	1,231,119	1,231,119	536,200	694,919	4066	3,188,822
00763	INTERCEPTOR APPURTENANCES	1	199	1983	18,824	18,824	12,297	6,527	4066	48,758
00764	INTERCEPTOR APPURTENANCES	1	199	1983	1,099	1,099	1,099	0	4066	2,847
00765	INTERCEPTOR APPURTENANCES	1	199	1983	1,374	1,374	898	476	4066	3,559
00766	INTERCEPTOR APPURTENANCES	1	199	1983	1,099	1,099	718	381	4066	2,847
00767	INTERCEPTOR APPURTENANCES	1	199	1983	1,374	1,374	898	476	4066	3,559
00768	INTERCEPTOR APPURTENANCES	1	199	1983	7,693	7,693	5,026	2,667	4066	19,926
00769	INTERCEPTOR APPURTENANCES	1	199	1983	2,336	2,336	1,526	810	4066	6,051
00770	INTERCEPTOR APPURTENANCES	1	199	1983	2,336	2,336	1,526	810	4066	6,051
00771	INTERCEPTOR APPURTENANCES	1	199	1983	4,810	4,810	3,142	1,668	4066	12,459
00772	INTERCEPTOR APPURTENANCES	1	199	1983	1,099	1,099	718	381	4066	2,847
00773	INTERCEPTOR APPURTENANCES	1	199	1983	1,374	1,374	898	476	4066	3,559
00774	INTERCEPTOR APPURTENANCES	1	199	1983	1,099	1,099	718	381	4066	2,847
00775	INTERCEPTOR APPURTENANCES	1	199	1983	1,374	1,374	898	476	4066	3,559
00776	INTERCEPTOR APPURTENANCES	1	199	1983	7,693	7,693	5,026	2,667	4066	19,926
00777	INTERCEPTOR APPURTENANCES	1	199	1983	2,336	2,336	1,526	810	4066	6,051
00778	INTERCEPTOR APPURTENANCES	1	199	1983	25,006	25,006	16,336	8,670	4066	64,770
00779	INTERCEPTOR APPURTENANCES	1	199	1983	4,810	4,810	3,142	1,668	4066	12,459
00780	INTERCEPTOR APPURTENANCES	1	199	1983	1,061	1,061	693	368	4066	2,748
00781	INTERCEPTOR APPURTENANCES	23	2399	1983	1,326	1,326	866	460	4066	3,435
00782	INTERCEPTOR APPURTENANCES	23	2399	1983	1,061	1,061	693	368	4066	2,748
00783	INTERCEPTOR APPURTENANCES	23	2399	1983	1,326	1,326	866	460	4066	3,435
00784	INTERCEPTOR APPURTENANCES	23	2399	1983	7,421	7,421	4,848	2,573	4066	19,222
00785	INTERCEPTOR APPURTENANCES	23	2399	1983	2,253	2,253	1,472	781	4066	5,836
00786	INTERCEPTOR APPURTENANCES	23	2399	1983	1,061	1,061	693	368	4066	2,748
00787	INTERCEPTOR APPURTENANCES	23	2399	1983	1,326	1,326	866	460	4066	3,435
00788	INTERCEPTOR APPURTENANCES	23	2399	1983	1,061	1,061	693	368	4066	2,748
00789	INTERCEPTOR APPURTENANCES	23	2399	1983	1,326	1,326	866	460	4066	3,435
00790	INTERCEPTOR APPURTENANCES	23	2399	1983	7,421	7,421	4,848	2,573	4066	19,222
00791	INTERCEPTOR APPURTENANCES	23	2399	1983	6,892	6,892	4,502	2,390	4066	17,852
00792	INTERCEPTOR APPURTENANCES	23	2399	1983	2,253	2,253	1,472	781	4066	5,836
00793	INTERCEPTOR APPURTENANCES	23	2399	1983	1,061	1,061	693	368	4066	2,748
00794	INTERCEPTOR APPURTENANCES	23	2399	1983	1,326	1,326	866	460	4066	3,435
00795	INTERCEPTOR APPURTENANCES	23	2399	1983	1,061	1,061	693	368	4066	2,748
00796	INTERCEPTOR APPURTENANCES	23	2399	1983	1,326	1,326	866	460	4066	3,435
00797	INTERCEPTOR APPURTENANCES	23	2399	1983	7,421	7,421	4,848	2,573	4066	19,222
00798	INTERCEPTOR APPURTENANCES	23	2399	1983	2,253	2,253	1,472	781	4066	5,836
00799	INTERCEPTOR APPURTENANCES	23	2399	1983	1,061	1,061	693	368	4066	2,748
00800	INTERCEPTOR APPURTENANCES	23	2399	1983	1,326	1,326	866	460	4066	3,435
00801	INTERCEPTOR APPURTENANCES	23	2399	1983	1,061	1,061	693	368	4066	2,748

Table A

Excludes Water Reclamation Assets

MRWPCA Capacity Charge Update

Wastewater Fixed Asset Cost Basis

Engineering News-Record Construction Cost Index (20-Cities Avg), January 2017	10531.68

Asset #	Description	Location 1	Location 2	Acquisition Year	Original Cost	Original Cost (w/ Adjustments)	Accumulated Depreciation	Depreciated Cost Basis	ENR-CCI for Acquisition Year	ENR-Adjusted Original Cost (w/ Adjustments)
00802	INTERCEPTOR APPURTENANCES	23	2399	1983	1,326	1,326	866	460	4066	3,435
00803	INTERCEPTOR APPURTENANCES	23	2399	1983	7,421	7,421	4,848	2,573	4066	19,222
00804	INTERCEPTOR APPURTENANCES	23	2399	1983	2,253	2,253	1,472	781	4066	5,836
00805	INTERCEPTOR APPURTENANCES	23	2399	1983	1,061	1,061	693	368	4066	2,748
00806	INTERCEPTOR APPURTENANCES	23	2399	1983	1,326	1,326	866	460	4066	3,435
00807	INTERCEPTOR APPURTENANCES	23	2399	1983	1,061	1,061	693	368	4066	2,748
00808	INTERCEPTOR APPURTENANCES	23	2399	1983	1,326	1,326	866	460	4066	3,435
00809	INTERCEPTOR APPURTENANCES	23	2399	1983	7,365	7,365	4,812	2,553	4066	19,077
00810	INTERCEPTOR APPURTENANCES	23	2399	1983	2,253	2,253	1,472	781	4066	5,836
00811	INTERCEPTOR APPURTENANCES	23	2399	1983	32,338	32,338	21,126	11,212	4066	83,761
00812	INTERCEPTOR APPURTENANCES	23	2399	1983	2,253	2,253	1,472	781	4066	5,836
00813	INTERCEPTOR APPURTENANCES	23	2399	1983	4,638	4,638	3,030	1,608	4066	12,013
00814	INTERCEPTOR APPURTENANCES	23	2399	1983	4,241	4,241	2,770	1,471	4066	10,985
00815	INTERCEPTOR APPURTENANCES	23	2399	1983	4,241	4,241	2,770	1,471	4066	10,985
00816	INTERCEPTOR APPURTENANCES	23	2399	1983	4,241	4,241	2,770	1,471	4066	10,985
00817	INTERCEPTOR APPURTENANCES	23	2399	1983	4,241	4,241	2,770	1,471	4066	10,985
00818	INTERCEPTOR APPURTENANCES	23	2399	1983	4,638	4,638	3,030	1,608	4066	12,013
00819	INTERCEPTOR APPURTENANCES	23	2399	1983	4,241	4,241	2,770	1,471	4066	10,985
00820	INTERCEPTOR APPURTENANCES	23	2399	1983	4,241	4,241	2,770	1,471	4066	10,985
00821	INTERCEPTOR APPURTENANCES	23	2399	1983	4,241	4,241	2,770	1,471	4066	10,985
00822	INTERCEPTOR APPURTENANCES	80	80990	1983	2,100	2,100	1,372	728	4066	5,439
00823	INTERCEPTOR APPURTENANCES	80	80990	1983	989	989	646	343	4066	2,562
00824	INTERCEPTOR APPURTENANCES	80	80990	1983	1,359	1,359	888	471	4066	3,520
00825	INTERCEPTOR APPURTENANCES	80	80990	1983	3,335	3,335	2,179	1,156	4066	8,638
00826	INTERCEPTOR APPURTENANCES	80	80990	1983	2,100	2,100	1,372	728	4066	5,439
00827	INTERCEPTOR APPURTENANCES	80	80990	1983	989	989	646	343	4066	2,562
00828	INTERCEPTOR APPURTENANCES	80	80990	1983	1,359	1,359	888	471	4066	3,520
00829	INTERCEPTOR APPURTENANCES	80	80990	1983	3,335	3,335	2,179	1,156	4066	8,638
00830	INTERCEPTOR APPURTENANCES	80	80990	1983	2,100	2,100	1,372	728	4066	5,439
00831	INTERCEPTOR APPURTENANCES	80	80990	1983	989	989	646	343	4066	2,562
00832	INTERCEPTOR APPURTENANCES	80	80990	1983	1,359	1,359	888	471	4066	3,520
00833	INTERCEPTOR APPURTENANCES	80	80990	1983	3,335	3,335	2,179	1,156	4066	8,638
00834	INTERCEPTOR APPURTENANCES	80	80990	1983	2,100	2,100	1,372	728	4066	5,439
00835	INTERCEPTOR APPURTENANCES	80	80990	1983	989	989	646	343	4066	2,562
00836	INTERCEPTOR APPURTENANCES	80	80990	1983	1,359	1,359	888	471	4066	3,520
00837	INTERCEPTOR APPURTENANCES	80	80990	1983	3,335	3,335	2,179	1,156	4066	8,638
00838	INTERCEPTOR APPURTENANCES	80	80990	1983	2,100	2,100	1,372	728	4066	5,439
00839	INTERCEPTOR APPURTENANCES	80	80990	1983	6,918	6,918	4,519	2,399	4066	17,919
00840	INTERCEPTOR APPURTENANCES	80	80990	1983	989	989	646	343	4066	2,562
00841	INTERCEPTOR APPURTENANCES	80	80990	1983	1,235	1,235	807	428	4066	3,199
00842	INTERCEPTOR APPURTENANCES	80	80990	1983	989	989	646	343	4066	2,562
00843	INTERCEPTOR APPURTENANCES	80	80990	1983	1,235	1,235	807	428	4066	3,199
00844	INTERCEPTOR APPURTENANCES	80	80990	1983	2,100	2,100	1,372	728	4066	5,439
00867	INTERCEPTOR APPURTENANCES	27	2799	1983	1,025	1,025	670	355	4066	2,655
00868	INTERCEPTOR APPURTENANCES	27	2799	1983	1,409	1,409	921	488	4066	3,650
00869	INTERCEPTOR APPURTENANCES	27	2799	1983	3,459	3,459	2,260	1,199	4066	8,959
00870	INTERCEPTOR APPURTENANCES	27	2799	1983	2,178	2,178	1,423	755	4066	5,641
00871	INTERCEPTOR APPURTENANCES	27	2799	1983	1,025	1,025	670	355	4066	2,655
00872	INTERCEPTOR APPURTENANCES	27	2799	1983	1,409	1,409	921	488	4066	3,650
00873	INTERCEPTOR APPURTENANCES	27	2799	1983	3,459	3,459	2,260	1,199	4066	8,959
00874	INTERCEPTOR APPURTENANCES	27	2799	1983	1,025	1,025	670	355	4066	2,655
00875	INTERCEPTOR APPURTENANCES	27	2799	1983	1,409	1,409	921	488	4066	3,650
00876	INTERCEPTOR APPURTENANCES	27	2799	1983	3,459	3,459	2,260	1,199	4066	8,959
00877	INTERCEPTOR APPURTENANCES	27	2799	1983	2,178	2,178	1,423	755	4066	5,641
00878	INTERCEPTOR APPURTENANCES	27	2799	1983	1,025	1,025	670	355	4066	2,655
00879	INTERCEPTOR APPURTENANCES	27	2799	1983	1,409	1,409	921	488	4066	3,650
00880	INTERCEPTOR APPURTENANCES	27	2799	1983	3,459	3,459	2,260	1,199	4066	8,959
00881	INTERCEPTOR APPURTENANCES	27	2799	1983	1,025	1,025	670	355	4066	2,655
00882	INTERCEPTOR APPURTENANCES	27	2799	1983	1,409	1,409	921	488	4066	3,650
00883	INTERCEPTOR APPURTENANCES	27	2799	1983	3,459	3,459	2,260	1,199	4066	8,959
00884	INTERCEPTOR APPURTENANCES	27	2799	1983	1,025	1,025	670	355	4066	2,655
00885	INTERCEPTOR APPURTENANCES	27	2799	1983	1,409	1,409	921	488	4066	3,650
00886	INTERCEPTOR APPURTENANCES	27	2799	1983	3,459	3,459	2,260	1,199	4066	8,959
00887	INTERCEPTOR APPURTENANCES	27	2799	1983	2,178	2,178	1,423	755	4066	5,641
00888	INTERCEPTOR APPURTENANCES	27	2799	1983	1,025	1,025	670	355	4066	2,655
00889	INTERCEPTOR APPURTENANCES	27	2799	1983	1,281	1,281	837	444	4066	3,318
00890	INTERCEPTOR APPURTENANCES	27	2799	1983	1,025	1,025	670	355	4066	2,655
00891	INTERCEPTOR APPURTENANCES	27	2799	1983	1,281	1,281	837	444	4066	3,318
00892	INTERCEPTOR APPURTENANCES	27	2799	1983	7,174	7,174	4,687	2,487	4066	18,582
00893	INTERCEPTOR APPURTENANCES	27	2799	1983	2,178	2,178	1,423	755	4066	5,641
00894	INTERCEPTOR APPURTENANCES	27	2799	1983	3,203	3,203	2,092	1,111	4066	8,296
00895	INTERCEPTOR APPURTENANCES	27	2799	1983	1,025	1,025	670	355	4066	2,655
00896	INTERCEPTOR APPURTENANCES	27	2799	1983	1,281	1,281	837	444	4066	3,318
00897	INTERCEPTOR APPURTENANCES	27	2799	1983	1,025	1,025	670	355	4066	2,655
00898	INTERCEPTOR APPURTENANCES	27	2799	1983	1,281	1,281	837	444	4066	3,318
00899	INTERCEPTOR APPURTENANCES	27	2799	1983	7,174	7,174	4,687	2,487	4066	18,582
00900	INTERCEPTOR APPURTENANCES	27	2799	1983	2,178	2,178	1,423	755	4066	5,641
00901	INTERCEPTOR APPURTENANCES	27	2799	1983	1,025	1,025	670	355	4066	2,655
00902	INTERCEPTOR APPURTENANCES	27	2799	1983	1,281	1,281	837	444	4066	3,318
00903	INTERCEPTOR APPURTENANCES	27	2799	1983	1,025	1,025	670	355	4066	2,655
00904	INTERCEPTOR APPURTENANCES	27	2799	1983	1,281	1,281	837	444	4066	3,318

Table A

Excludes Water Reclamation Assets

MRWPCA Capacity Charge Update

Wastewater Fixed Asset Cost Basis

Engineering News-Record Construction Cost Index (20-Cities Avg), January 2017 | 10531.68

Asset #	Description	Location 1	Location 2	Acquisition Year	Original Cost	Original Cost (w/ Adjustments)	Accumulated Depreciation	Depreciated Cost Basis	ENR-CCI for Acquisition Year	ENR-Adjusted Original Cost (w/ Adjustments)
00905	INTERCEPTOR APPURTENANCES	27	2799	1983	7,174	7,174	4,687	2,487	4066	18,582
00906	INTERCEPTOR APPURTENANCES	27	2799	1983	2,178	2,178	1,423	755	4066	5,641
00907	INTERCEPTOR APPURTENANCES	27	2799	1983	1,025	1,025	670	355	4066	2,655
00908	INTERCEPTOR APPURTENANCES	27	2799	1983	1,281	1,281	837	444	4066	3,318
00909	INTERCEPTOR APPURTENANCES	27	2799	1983	1,025	1,025	670	355	4066	2,655
00910	INTERCEPTOR APPURTENANCES	27	2799	1983	1,281	1,281	837	444	4066	3,318
00911	INTERCEPTOR APPURTENANCES	27	2799	1983	7,174	7,174	4,687	2,487	4066	18,582
00912	INTERCEPTOR APPURTENANCES	27	2799	1983	2,178	2,178	1,423	755	4066	5,641
00913	INTERCEPTOR APPURTENANCES	27	2799	1983	1,025	1,025	670	355	4066	2,655
00914	INTERCEPTOR APPURTENANCES	27	2799	1983	1,281	1,281	837	444	4066	3,318
00915	INTERCEPTOR APPURTENANCES	27	2799	1983	7,174	7,174	4,687	2,487	4066	18,582
00916	INTERCEPTOR APPURTENANCES	24	2499	1983	17,312	17,312	11,310	6,002	4066	44,841
00917	INTERCEPTOR APPURTENANCES	24	2499	1983	17,312	17,312	11,310	6,002	4066	44,841
00918	INTERCEPTOR APPURTENANCES	24	2499	1983	17,312	17,312	11,310	6,002	4066	44,841
00919	INTERCEPTOR APPURTENANCES	24	2499	1983	10,016	10,016	6,543	3,473	4066	25,943
00920	INTERCEPTOR APPURTENANCES	24	2499	1983	10,016	10,016	6,543	3,473	4066	25,943
00921	INTERCEPTOR APPURTENANCES	24	2499	1983	22,752	22,752	14,864	7,888	4066	58,932
00922	INTERCEPTOR APPURTENANCES	24	2499	1983	10,016	10,016	6,543	3,473	4066	25,943
00923	INTERCEPTOR APPURTENANCES	24	2499	1983	10,016	10,016	6,543	3,473	4066	25,943
00924	INTERCEPTOR APPURTENANCES	24	2499	1983	10,016	10,016	6,543	3,473	4066	25,943
00925	INTERCEPTOR APPURTENANCES	24	2499	1983	17,312	17,312	11,310	6,002	4066	44,841
00926	INTERCEPTOR APPURTENANCES	24	2499	1983	17,312	17,312	11,310	6,002	4066	44,841
00927	INTERCEPTOR APPURTENANCES	24	2499	1983	17,312	17,312	11,310	6,002	4066	44,841
00928	INTERCEPTOR APPURTENANCES	24	2499	1983	17,312	17,312	11,310	6,002	4066	44,841
00929	INTERCEPTOR APPURTENANCES	24	2499	1983	17,312	17,312	11,310	6,002	4066	44,841
00930	INTERCEPTOR APPURTENANCES	24	2499	1983	17,312	17,312	11,310	6,002	4066	44,841
00931	INTERCEPTOR APPURTENANCES	24	2499	1983	17,312	17,312	11,310	6,002	4066	44,841
00932	INTERCEPTOR APPURTENANCES	24	2499	1983	30,913	30,913	20,195	10,718	4066	80,070
00933	INTERCEPTOR APPURTENANCES	24	2499	1983	17,312	17,312	11,310	6,002	4066	44,841
00971	INTERCEPTOR APPURTENANCES	23	2399	1983	239,457	239,457	156,435	83,022	4066	620,237
00972	INTERCEPTOR APPURTENANCES	23	2399	1983	74,260	74,260	48,513	25,747	4066	192,347
00973	INTERCEPTOR APPURTENANCES	23	2399	1983	41,949	41,949	27,405	14,544	4066	108,656
00974	INTERCEPTOR APPURTENANCES	23	2399	1983	206,537	206,537	134,929	71,608	4066	534,968
00975	INTERCEPTOR APPURTENANCES	23	2399	1983	1,685,349	1,685,349	1,101,027	584,322	4066	4,365,361
00976	INTERCEPTOR APPURTENANCES	23	2399	1983	84,291	84,291	55,067	29,224	4066	218,329
00977	INTERCEPTOR APPURTENANCES	23	2399	1983	119,529	119,529	78,087	41,442	4066	309,602
00978	INTERCEPTOR APPURTENANCES	23	2399	1983	176,151	176,151	115,078	61,073	4066	456,263
00979	INTERCEPTOR APPURTENANCES	23	2399	1983	31,263	31,263	20,424	10,839	4066	80,977
00980	INTERCEPTOR APPURTENANCES	23	2399	1983	536,112	536,112	350,238	185,874	4066	1,388,628
00981	INTERCEPTOR APPURTENANCES	1	199	1983	469,330	469,330	306,610	162,720	4066	1,215,650
00982	INTERCEPTOR APPURTENANCES	1	199	1983	572,949	572,949	374,304	198,645	4066	1,484,042
00983	INTERCEPTOR APPURTENANCES	1	199	1983	167,280	167,280	109,283	57,997	4066	433,286
00984	INTERCEPTOR APPURTENANCES	1	199	1983	144,930	144,930	94,682	50,248	4066	375,395
00985	INTERCEPTOR APPURTENANCES	27	2799	1983	420,849	420,849	274,938	145,911	4066	1,090,076
00989	INTERCEPTOR APPURTENANCES	80	80990	1983	15,012	15,012	9,807	5,205	4066	38,884
00990	INTERCEPTOR APPURTENANCES	80	80990	1983	36,559	36,559	23,884	12,675	4066	94,694
00991	INTERCEPTOR APPURTENANCES	80	80990	1983	262,138	262,138	171,253	90,885	4066	678,985
00992	INTERCEPTOR APPURTENANCES	80	80990	1983	36,559	36,559	23,884	12,675	4066	94,694
00993	INTERCEPTOR APPURTENANCES	80	80990	1983	269,278	269,278	175,918	93,360	4066	697,479
00994	INTERCEPTOR APPURTENANCES	80	80990	1983	59,371	59,371	38,787	20,584	4066	153,782
00995	INTERCEPTOR APPURTENANCES	80	80990	1983	92,255	92,255	60,270	31,985	4066	238,957
00996	INTERCEPTOR APPURTENANCES	80	80990	1983	786,231	786,231	513,640	272,591	4066	2,036,481
00997	INTERCEPTOR APPURTENANCES	80	80990	1983	130,617	130,617	85,331	45,286	4066	338,322
00998	INTERCEPTOR APPURTENANCES	80	80990	1983	596,036	596,036	389,386	206,650	4066	1,543,842
00999	INTERCEPTOR APPURTENANCES	24	2499	1983	279,280	279,280	182,452	96,828	4066	723,386
01000	INTERCEPTOR APPURTENANCES	24	2499	1983	1,186,079	1,186,079	774,858	411,221	4066	3,072,160
01001	INTERCEPTOR APPURTENANCES	24	2499	1983	106,537	106,537	69,600	36,937	4066	275,950
01002	INTERCEPTOR APPURTENANCES	27	2799	1983	153,634	153,634	100,368	53,266	4066	397,940
01003	INTERCEPTOR APPURTENANCES	27	2799	1983	4,358,822	4,358,822	2,847,590	1,511,232	4066	11,290,142
01004	INTERCEPTOR APPURTENANCES	27	2799	1983	553,633	553,633	361,685	191,948	4066	1,434,010
01020	INTERCEPTOR APPURTENANCES	24	2499	1983	26,470	26,470	17,292	9,178	4066	68,562
01021	INTERCEPTOR APPURTENANCES	24	2499	1983	11,062	11,062	7,227	3,835	4066	28,653
01022	INTERCEPTOR APPURTENANCES	24	2499	1983	3,957	3,957	2,585	1,372	4066	10,249
01023	INTERCEPTOR APPURTENANCES	24	2499	1983	28,317	28,317	18,499	9,818	4066	73,346
01024	INTERCEPTOR APPURTENANCES	24	2499	1983	11,253	11,253	7,352	3,901	4066	29,147
01025	INTERCEPTOR APPURTENANCES	24	2499	1983	6,306	6,306	4,120	2,186	4066	16,334
01027	INFLUENT CHANNELS & BARMINUTOR	23	2399	1983	2,848	2,848	2,326	522	4066	7,377
01028	INFLUENT CHANNELS & BARMINUTOR	23	2399	1983	693	693	566	127	4066	1,795
01029	INFLUENT CHANNELS & BARMINUTOR	23	2399	1983	693	693	566	127	4066	1,795
01030	INFLUENT CHANNELS & BARMINUTOR	23	2399	1983	693	693	566	127	4066	1,795
01031	INFLUENT CHANNELS & BARMINUTOR	23	2399	1983	693	693	566	127	4066	1,795
01032	INFLUENT CHANNELS & BARMINUTOR	23	2399	1983	693	693	566	127	4066	1,795
01033	INFLUENT CHANNELS & BARMINUTOR	23	2399	1983	693	693	566	127	4066	1,795
01034	INFLUENT CHANNELS & BARMINUTOR	23	2399	1983	2,848	2,848	2,326	522	4066	7,377
01035	INFLUENT CHANNELS & BARMINUTOR	23	2399	1983	693	693	566	127	4066	1,795
01036	INFLUENT CHANNELS & BARMINUTOR	24	2499	1983	693	693	566	127	4066	1,795
01037	INFLUENT CHANNELS & BARMINUTOR	24	2499	1983	693	693	566	127	4066	1,795
01038	INFLUENT CHANNELS & BARMINUTOR	24	2499	1983	693	693	566	127	4066	1,795
01039	INFLUENT CHANNELS & BARMINUTOR	24	2499	1983	693	693	566	127	4066	1,795
01040	INFLUENT CHANNELS & BARMINUTOR	24	2499	1983	693	693	566	127	4066	1,795
01041	INFLUENT CHANNELS & BARMINUTOR	24	2499	1983	693	693	566	127	4066	1,795

Table A
MRWPCA Capacity Charge Update
Wastewater Fixed Asset Cost Basis

Excludes Water Reclamation Assets

Engineering News-Record Construction Cost Index (20-Cities Avg), January 2017	10531.68

Asset #	Description	Location 1	Location 2	Acquisition Year	Original Cost	Original Cost (w/ Adjustments)	Accumulated Depreciation	Depreciated Cost Basis	ENR-CCI for Acquisition Year	ENR-Adjusted Original Cost (w/ Adjustments)
01042	INFLUENT CHANNELS & BARMINUTOR	24	2499	1983	693	693	566	127	4066	1,795
01043	INFLUENT CHANNELS & BARMINUTOR	24	2499	1983	3,401	3,401	2,777	624	4066	8,809
01044	INFLUENT CHANNELS & BARMINUTOR	24	2499	1983	3,401	3,401	2,777	624	4066	8,809
01045	INFLUENT CHANNELS & BARMINUTOR	24	2499	1983	831	831	678	153	4066	2,152
01046	INFLUENT CHANNELS & BARMINUTOR	24	2499	1983	831	831	678	153	4066	2,152
01047	INFLUENT CHANNELS & BARMINUTOR	27	2799	1983	693	693	566	127	4066	1,795
01048	INFLUENT CHANNELS & BARMINUTOR	27	2799	1983	693	693	566	127	4066	1,795
01049	INFLUENT CHANNELS & BARMINUTOR	27	2799	1983	693	693	566	127	4066	1,795
01050	INFLUENT CHANNELS & BARMINUTOR	27	2799	1983	693	693	566	127	4066	1,795
01051	INFLUENT CHANNELS & BARMINUTOR	27	2799	1983	693	693	566	127	4066	1,795
01052	INFLUENT CHANNELS & BARMINUTOR	27	2799	1983	693	693	566	127	4066	1,795
01053	INFLUENT CHANNELS & BARMINUTOR	27	2799	1983	693	693	566	127	4066	1,795
01054	INFLUENT CHANNELS & BARMINUTOR	27	2799	1983	4,525	4,525	3,695	830	4066	11,721
01055	INFLUENT CHANNELS & BARMINUTOR	27	2799	1983	4,525	4,525	3,695	830	4066	11,721
01080	INFLUENT CHANNELS & BARMINUTOR	23	2399	1983	923	923	754	169	4066	2,391
01081	INFLUENT CHANNELS & BARMINUTOR	23	2399	1983	2,769	2,769	2,261	508	4066	7,172
01082	INFLUENT CHANNELS & BARMINUTOR	23	2399	1983	2,769	2,769	2,261	508	4066	7,172
01083	INFLUENT CHANNELS & BARMINUTOR	23	2399	1983	2,769	2,769	2,261	508	4066	7,172
01084	INFLUENT CHANNELS & BARMINUTOR	23	2399	1983	831	831	678	153	4066	2,152
01085	INFLUENT CHANNELS & BARMINUTOR	23	2399	1983	831	831	678	153	4066	2,152
01086	INFLUENT CHANNELS & BARMINUTOR	24	2499	1983	2,769	2,769	2,261	508	4066	7,172
01087	INFLUENT CHANNELS & BARMINUTOR	24	2499	1983	2,769	2,769	2,261	508	4066	7,172
01088	INFLUENT CHANNELS & BARMINUTOR	24	2499	1983	2,769	2,769	2,261	508	4066	7,172
01089	INFLUENT CHANNELS & BARMINUTOR	24	2499	1983	922	922	753	169	4066	2,388
01090	INFLUENT CHANNELS & BARMINUTOR	27	2799	1983	2,769	2,769	2,261	508	4066	7,172
01091	INFLUENT CHANNELS & BARMINUTOR	27	2799	1983	2,769	2,769	2,261	508	4066	7,172
01092	INFLUENT CHANNELS & BARMINUTOR	27	2799	1983	2,769	2,769	2,261	508	4066	7,172
01093	INFLUENT CHANNELS & BARMINUTOR	27	2799	1983	920	920	751	169	4066	2,383
01094	INFLUENT CHANNELS & BARMINUTOR	27	2799	1983	831	831	678	153	4066	2,152
01095	INFLUENT CHANNELS & BARMINUTOR	27	2799	1983	831	831	678	153	4066	2,152
01108	WET WELL LEVEL	23	2399	1983	922	922	753	169	4066	2,388
01109	WET WELL LEVEL	24	2499	1983	18,000	18,000	14,699	3,301	4066	46,623
01110	WET WELL LEVEL	24	2499	1983	18,000	18,000	14,699	3,301	4066	46,623
01111	WET WELL LEVEL	24	2499	1983	922	922	753	169	4066	2,388
01112	WET WELL LEVEL	27	2799	1983	922	922	753	169	4066	2,388
01119	WET WELL LEVEL	23	2399	1983	9,450	9,450	7,717	1,733	4066	24,477
01120	WET WELL LEVEL	23	2399	1983	9,450	9,450	7,717	1,733	4066	24,477
01121	WET WELL LEVEL	23	2399	1983	13,154	13,154	10,742	2,412	4066	34,071
01122	WET WELL LEVEL	24	2499	1983	13,154	13,154	10,742	2,412	4066	34,071
01123	WET WELL LEVEL	27	2799	1983	18,000	18,000	14,699	3,301	4066	46,623
01124	WET WELL LEVEL	27	2799	1983	18,000	18,000	14,699	3,301	4066	46,623
01125	WET WELL LEVEL	27	2799	1983	13,154	13,154	10,742	2,412	4066	34,071
01132	MAIN SEWAGE PUMPS	23	2399	1983	14,769	14,769	14,769	0	4066	38,254
01133	MAIN SEWAGE PUMPS	23	2399	1983	1,847	1,847	1,847	0	4066	4,784
01134	MAIN SEWAGE PUMPS	23	2399	1983	502	502	502	0	4066	1,300
01135	MAIN SEWAGE PUMPS	23	2399	1983	74,949	74,949	74,949	0	4066	194,132
01136	MAIN SEWAGE PUMPS	23	2399	1983	7,938	7,938	7,938	0	4066	20,561
01137	MAIN SEWAGE PUMPS	23	2399	1983	5,538	5,538	5,538	0	4066	14,344
01138	MAIN SEWAGE PUMPS	23	2399	1983	1,846	1,846	1,846	0	4066	4,781
01139	MAIN SEWAGE PUMPS	23	2399	1983	14,769	14,769	14,769	0	4066	38,254
01140	MAIN SEWAGE PUMPS	23	2399	1983	4,368	4,368	4,368	0	4066	11,314
01141	MAIN SEWAGE PUMPS	23	2399	1983	502	502	502	0	4066	1,300
01142	MAIN SEWAGE PUMPS	23	2399	1983	74,949	74,949	74,949	0	4066	194,132
01143	MAIN SEWAGE PUMPS	23	2399	1983	4,368	4,368	4,368	0	4066	11,314
01144	MAIN SEWAGE PUMPS	23	2399	1983	7,938	7,938	7,938	0	4066	20,561
01145	MAIN SEWAGE PUMPS	23	2399	1983	5,538	5,538	5,538	0	4066	14,344
01146	MAIN SEWAGE PUMPS	23	2399	1983	14,769	14,769	14,769	0	4066	38,254
01147	MAIN SEWAGE PUMPS	23	2399	1983	4,368	4,368	4,368	0	4066	11,314
01148	MAIN SEWAGE PUMPS	23	2399	1983	502	502	502	0	4066	1,300
01149	MAIN SEWAGE PUMPS	23	2399	1983	74,949	74,949	74,949	0	4066	194,132
01150	MAIN SEWAGE PUMPS	23	2399	1983	7,938	7,938	7,938	0	4066	20,561
01151	MAIN SEWAGE PUMPS	23	2399	1983	5,538	5,538	5,538	0	4066	14,344
01152	MAIN SEWAGE PUMPS	23	2399	1983	17,472	17,472	17,472	0	4066	45,256
01153	MAIN SEWAGE PUMPS	23	2399	1983	34,936	34,936	34,936	0	4066	90,491
01154	MAIN SEWAGE PUMPS	23	2399	1983	14,769	14,769	14,769	0	4066	38,254
01155	MAIN SEWAGE PUMPS	23	2399	1983	4,368	4,368	4,368	0	4066	11,314
01156	MAIN SEWAGE PUMPS	23	2399	1983	502	502	502	0	4066	1,300
01157	MAIN SEWAGE PUMPS	23	2399	1983	74,949	74,949	74,949	0	4066	194,132
01158	MAIN SEWAGE PUMPS	23	2399	1983	7,938	7,938	7,938	0	4066	20,561
01159	MAIN SEWAGE PUMPS	23	2399	1983	1,846	1,846	1,846	0	4066	4,781
01160	MAIN SEWAGE PUMPS	23	2399	1983	5,538	5,538	5,538	0	4066	14,344
01161	MAIN SEWAGE PUMPS	24	2499	1983	1,847	1,847	1,847	0	4066	4,784
01162	MAIN SEWAGE PUMPS	24	2499	1983	5,427	5,427	5,427	0	4066	14,057
01163	MAIN SEWAGE PUMPS	24	2499	1983	5,427	5,427	5,427	0	4066	14,057
01164	MAIN SEWAGE PUMPS	24	2499	1983	5,427	5,427	5,427	0	4066	14,057
01165	MAIN SEWAGE PUMPS	24	2499	1983	5,427	5,427	5,427	0	4066	14,057
01166	MAIN SEWAGE PUMPS	24	2499	1983	5,538	5,538	5,538	0	4066	14,344
01167	MAIN SEWAGE PUMPS	24	2499	1983	502	502	502	0	4066	1,300
01168	MAIN SEWAGE PUMPS	24	2499	1983	502	502	502	0	4066	1,300
01169	MAIN SEWAGE PUMPS	24	2499	1983	1,846	1,846	1,846	0	4066	4,781
01170	MAIN SEWAGE PUMPS	24	2499	1983	5,538	5,538	5,538	0	4066	14,344

Table A

Excludes Water Reclamation Assets

MRWPCA Capacity Charge Update

Wastewater Fixed Asset Cost Basis

Engineering News-Record Construction Cost Index (20-Cities Avg), January 2017	10531.68

Asset #	Description	Location 1	Location 2	Acquisition Year	Original Cost	Original Cost (w/ Adjustments)	Accumulated Depreciation	Depreciated Cost Basis	ENR-CCI for Acquisition Year	ENR-Adjusted Original Cost (w/ Adjustments)
01171	MAIN SEWAGE PUMPS	24	2499	1983	3,877	3,877	3,877	0	4066	10,042
01172	MAIN SEWAGE PUMPS	24	2499	1983	3,877	3,877	3,877	0	4066	10,042
01173	MAIN SEWAGE PUMPS	24	2499	1983	1,846	1,846	1,846	0	4066	4,781
01174	MAIN SEWAGE PUMPS	24	2499	1983	3,877	3,877	3,877	0	4066	10,042
01175	MAIN SEWAGE PUMPS	24	2499	1983	502	502	502	0	4066	1,300
01176	MAIN SEWAGE PUMPS	24	2499	1983	39,501	39,501	39,501	0	4066	102,315
01177	MAIN SEWAGE PUMPS	24	2499	1983	39,501	39,501	39,501	0	4066	102,315
01178	MAIN SEWAGE PUMPS	24	2499	1983	39,501	39,501	39,501	0	4066	102,315
01179	MAIN SEWAGE PUMPS	24	2499	1983	39,501	39,501	39,501	0	4066	102,315
01180	MAIN SEWAGE PUMPS	24	2499	1983	30,491	30,491	30,491	0	4066	78,977
01181	MAIN SEWAGE PUMPS	24	2499	1983	30,491	30,491	30,491	0	4066	78,977
01182	MAIN SEWAGE PUMPS	24	2499	1983	30,491	30,491	30,491	0	4066	78,977
01183	MAIN SEWAGE PUMPS	24	2499	1983	30,491	30,491	30,491	0	4066	78,977
01184	MAIN SEWAGE PUMPS	24	2499	1983	56,632	56,632	56,632	0	4066	146,687
01185	MAIN SEWAGE PUMPS	24	2499	1983	28,319	28,319	28,319	0	4066	73,351
01186	MAIN SEWAGE PUMPS	24	2499	1983	7,080	7,080	7,080	0	4066	18,338
01187	MAIN SEWAGE PUMPS	24	2499	1983	7,080	7,080	7,080	0	4066	18,338
01188	MAIN SEWAGE PUMPS	24	2499	1983	7,080	7,080	7,080	0	4066	18,338
01189	MAIN SEWAGE PUMPS	24	2499	1983	7,080	7,080	7,080	0	4066	18,338
01190	MAIN SEWAGE PUMPS	27	2799	1983	2,770	2,770	2,770	0	4066	7,175
01191	MAIN SEWAGE PUMPS	27	2799	1983	5,944	5,944	5,944	0	4066	15,396
01192	MAIN SEWAGE PUMPS	27	2799	1983	5,944	5,944	5,944	0	4066	15,396
01193	MAIN SEWAGE PUMPS	27	2799	1983	5,648	5,648	5,648	0	4066	14,629
01194	MAIN SEWAGE PUMPS	27	2799	1983	5,648	5,648	5,648	0	4066	14,629
01195	MAIN SEWAGE PUMPS	27	2799	1983	5,648	5,648	5,648	0	4066	14,629
01196	MAIN SEWAGE PUMPS	27	2799	1983	5,648	5,648	5,648	0	4066	14,629
01197	MAIN SEWAGE PUMPS	27	2799	1983	5,648	5,648	5,648	0	4066	14,629
01198	MAIN SEWAGE PUMPS	27	2799	1983	5,648	5,648	5,648	0	4066	14,629
01199	MAIN SEWAGE PUMPS	27	2799	1983	5,648	5,648	5,648	0	4066	14,629
01200	MAIN SEWAGE PUMPS	27	2799	1983	5,944	5,944	5,944	0	4066	15,396
01201	MAIN SEWAGE PUMPS	27	2799	1983	5,944	5,944	5,944	0	4066	15,396
01202	MAIN SEWAGE PUMPS	27	2799	1983	5,538	5,538	5,538	0	4066	14,344
01203	MAIN SEWAGE PUMPS	27	2799	1983	4,246	4,246	4,246	0	4066	10,998
01204	MAIN SEWAGE PUMPS	27	2799	1983	4,246	4,246	4,246	0	4066	10,998
01205	MAIN SEWAGE PUMPS	27	2799	1983	502	502	502	0	4066	1,300
01206	MAIN SEWAGE PUMPS	27	2799	1983	502	502	502	0	4066	1,300
01207	MAIN SEWAGE PUMPS	27	2799	1983	1,846	1,846	1,846	0	4066	4,781
01208	MAIN SEWAGE PUMPS	27	2799	1983	5,538	5,538	5,538	0	4066	14,344
01209	MAIN SEWAGE PUMPS	27	2799	1983	5,538	5,538	5,538	0	4066	14,344
01210	MAIN SEWAGE PUMPS	27	2799	1983	502	502	502	0	4066	1,300
01211	MAIN SEWAGE PUMPS	27	2799	1983	502	502	502	0	4066	1,300
01212	MAIN SEWAGE PUMPS	27	2799	1983	502	502	502	0	4066	1,300
01213	MAIN SEWAGE PUMPS	27	2799	1983	502	502	502	0	4066	1,300
01214	MAIN SEWAGE PUMPS	27	2799	1983	5,538	5,538	5,538	0	4066	14,344
01215	MAIN SEWAGE PUMPS	27	2799	1983	502	502	502	0	4066	1,300
01216	MAIN SEWAGE PUMPS	27	2799	1983	4,246	4,246	4,246	0	4066	10,998
01217	MAIN SEWAGE PUMPS	27	2799	1983	502	502	502	0	4066	1,300
01218	MAIN SEWAGE PUMPS	27	2799	1983	4,246	4,246	4,246	0	4066	10,998
01219	MAIN SEWAGE PUMPS	27	2799	1983	64,521	64,521	64,521	0	4066	167,121
01220	MAIN SEWAGE PUMPS	27	2799	1983	64,521	64,521	64,521	0	4066	167,121
01221	MAIN SEWAGE PUMPS	27	2799	1983	64,521	64,521	64,521	0	4066	167,121
01222	MAIN SEWAGE PUMPS	27	2799	1983	64,521	64,521	64,521	0	4066	167,121
01223	MAIN SEWAGE PUMPS	27	2799	1983	64,521	64,521	64,521	0	4066	167,121
01224	MAIN SEWAGE PUMPS	27	2799	1983	64,521	64,521	64,521	0	4066	167,121
01225	MAIN SEWAGE PUMPS	27	2799	1983	64,521	64,521	64,521	0	4066	167,121
01226	MAIN SEWAGE PUMPS	27	2799	1983	64,521	64,521	64,521	0	4066	167,121
01235	MAIN SEWAGE PUMPS	27	2799	1983	124,481	124,481	124,481	0	4066	322,428
01236	MAIN SEWAGE PUMPS	27	2799	1983	45,179	45,179	45,179	0	4066	117,022
01237	MAIN SEWAGE PUMPS	27	2799	1983	5,648	5,648	5,648	0	4066	14,629
01304	MAIN SEWAGE PUMPS	23	2399	1983	26,189	26,189	26,189	0	4066	67,834
01305	MAIN SEWAGE PUMPS	23	2399	1983	26,189	26,189	26,189	0	4066	67,834
01306	MAIN SEWAGE PUMPS	23	2399	1983	26,189	26,189	26,189	0	4066	67,834
01307	MAIN SEWAGE PUMPS	23	2399	1983	26,189	26,189	26,189	0	4066	67,834
01308	MAIN SEWAGE PUMPS	23	2399	1983	9,230	9,230	9,230	0	4066	23,907
01309	MAIN SEWAGE PUMPS	23	2399	1983	502	502	502	0	4066	1,300
01310	MAIN SEWAGE PUMPS	24	2499	1983	502	502	502	0	4066	1,300
01311	MAIN SEWAGE PUMPS	24	2499	1983	5,538	5,538	5,538	0	4066	14,344
01312	MAIN SEWAGE PUMPS	24	2499	1983	3,877	3,877	3,877	0	4066	10,042
01348	MAIN SEWAGE PUMPS	23	2399	1983	18,184	18,184	18,184	0	4066	47,100
01349	MAIN SEWAGE PUMPS	23	2399	1983	1,846	1,846	1,846	0	4066	4,781
01350	MAIN SEWAGE PUMPS	23	2399	1983	43,475	43,475	43,475	0	4066	112,608
01351	MAIN SEWAGE PUMPS	24	2499	1983	502	502	502	0	4066	1,300
01352	MAIN SEWAGE PUMPS	24	2499	1983	9,230	9,230	9,230	0	4066	23,907
01353	MAIN SEWAGE PUMPS	24	2499	1983	1,846	1,846	1,846	0	4066	4,781
01354	MAIN SEWAGE PUMPS	24	2499	1983	9,230	9,230	9,230	0	4066	23,907
01355	MAIN SEWAGE PUMPS	24	2499	1983	18,184	18,184	18,184	0	4066	47,100
01356	MAIN SEWAGE PUMPS	24	2499	1983	43,475	43,475	43,475	0	4066	112,608
01357	MAIN SEWAGE PUMPS	24	2499	1983	5,538	5,538	5,538	0	4066	14,344
01358	MAIN SEWAGE PUMPS	27	2799	1983	502	502	502	0	4066	1,300
01359	MAIN SEWAGE PUMPS	27	2799	1983	9,230	9,230	9,230	0	4066	23,907
01360	MAIN SEWAGE PUMPS	27	2799	1983	9,230	9,230	9,230	0	4066	23,907

Table A

MRWPCA Capacity Charge Update

Wastewater Fixed Asset Cost Basis

Excludes Water Reclamation Assets

Engineering News-Record Construction Cost Index (20-Cities Avg), January 2017 10531.68

Asset #	Description	Location 1	Location 2	Acquisition Year	Original Cost	Original Cost (w/ Adjustments)	Accumulated Depreciation	Depreciated Cost Basis	ENR-CCI for Acquisition Year	ENR-Adjusted Original Cost (w/ Adjustments)
01361	MAIN SEWAGE PUMPS	27	2799	1983	13,845	13,845	13,845	0	4066	35,861
01362	MAIN SEWAGE PUMPS	27	2799	1983	18,184	18,184	18,184	0	4066	47,100
01363	MAIN SEWAGE PUMPS	27	2799	1983	1,846	1,846	1,846	0	4066	4,781
01364	MAIN SEWAGE PUMPS	27	2799	1983	516,162	516,162	516,162	0	4066	1,336,954
01389	MAIN SEWAGE PUMPS	26	2699	1985	7,026	7,026	7,026	0	4195	17,639
01390	SEAL WATER SYSTEMS	23	2399	1983	923	923	923	0	4066	2,391
01391	SEAL WATER SYSTEMS	23	2399	1983	1,846	1,846	1,846	0	4066	4,781
01392	SEAL WATER SYSTEMS	24	2499	1983	923	923	923	0	4066	2,391
01393	SEAL WATER SYSTEMS	24	2499	1983	1,846	1,846	1,846	0	4066	4,781
01394	SEAL WATER SYSTEMS	27	2799	1983	1,846	1,846	1,846	0	4066	4,781
01395	SEAL WATER SYSTEMS	27	2799	1983	3,692	3,692	3,692	0	4066	9,563
01401	FLOW METERING SYSTEM	23	2399	1983	29,177	29,177	29,177	0	4066	75,574
01402	FLOW METERING SYSTEM	23	2399	1983	11,999	11,999	11,999	0	4066	31,080
01404	FLOW METERING SYSTEM	23	2399	1983	12,369	12,369	12,369	0	4066	32,038
01405	FLOW METERING SYSTEM	23	2399	1983	1,246	1,246	1,246	0	4066	3,227
01406	FLOW METERING SYSTEM	23	2399	1983	502	502	502	0	4066	1,300
01407	FLOW METERING SYSTEM	24	2499	1983	29,177	29,177	29,177	0	4066	75,574
01408	FLOW METERING SYSTEM	24	2499	1983	4,615	4,615	4,615	0	4066	11,954
01409	FLOW METERING SYSTEM	24	2499	1983	502	502	502	0	4066	1,300
01411	FLOW METERING SYSTEM	24	2499	1983	1,246	1,246	1,246	0	4066	3,227
01413	FLOW METERING SYSTEM	27	2799	1983	502	502	502	0	4066	1,300
01414	FLOW METERING SYSTEM	27	2799	1983	502	502	502	0	4066	1,300
01415	FLOW METERING SYSTEM	27	2799	1983	1,246	1,246	1,246	0	4066	3,227
01416	FLOW METERING SYSTEM	27	2799	1983	11,999	11,999	11,999	0	4066	31,080
01428	FLOW METERING SYSTEM	23	2399	1983	502	502	502	0	4066	1,300
01429	FLOW METERING SYSTEM	23	2399	1983	502	502	502	0	4066	1,300
01430	FLOW METERING SYSTEM	24	2499	1983	502	502	502	0	4066	1,300
01431	FLOW METERING SYSTEM	24	2499	1983	11,999	11,999	11,999	0	4066	31,080
01432	FLOW METERING SYSTEM	24	2499	1983	502	502	502	0	4066	1,300
01435	FLOW METERING SYSTEM	27	2799	1983	12,369	12,369	12,369	0	4066	32,038
01436	FLOW METERING SYSTEM	27	2799	1983	29,177	29,177	29,177	0	4066	75,574
01437	FLOW METERING SYSTEM	27	2799	1983	502	502	502	0	4066	1,300
01447	FLOW METERING SYSTEM	26	2699	1985	46,372	46,372	46,372	0	4195	116,418
01448	SURGE CONTROL SYSTEM	23	2399	1983	4,247	4,247	4,247	0	4066	11,001
01449	SURGE CONTROL SYSTEM	23	2399	1983	502	502	502	0	4066	1,300
01450	SURGE CONTROL SYSTEM	23	2399	1983	2,308	2,308	2,308	0	4066	5,978
01451	SURGE CONTROL SYSTEM	23	2399	1983	2,308	2,308	2,308	0	4066	5,978
01452	SURGE CONTROL SYSTEM	23	2399	1983	2,308	2,308	2,308	0	4066	5,978
01453	SURGE CONTROL SYSTEM	23	2399	1983	4,247	4,247	4,247	0	4066	11,001
01454	SURGE CONTROL SYSTEM	24	2499	1983	502	502	502	0	4066	1,300
01455	SURGE CONTROL SYSTEM	24	2499	1983	2,308	2,308	2,308	0	4066	5,978
01456	SURGE CONTROL SYSTEM	24	2499	1983	2,308	2,308	2,308	0	4066	5,978
01457	SURGE CONTROL SYSTEM	24	2499	1983	923	923	923	0	4066	2,391
01458	SURGE CONTROL SYSTEM	24	2499	1983	24,507	24,507	24,507	0	4066	63,478
01459	SURGE CONTROL SYSTEM	27	2799	1983	502	502	502	0	4066	1,300
01460	SURGE CONTROL SYSTEM	27	2799	1983	922	922	922	0	4066	2,388
01461	SURGE CONTROL SYSTEM	23	2399	1983	230,779	230,779	230,779	0	4066	597,760
01462	SURGE CONTROL SYSTEM	23	2399	1983	24,506	24,506	24,506	0	4066	63,475
01463	SURGE CONTROL SYSTEM	23	2399	1983	923	923	923	0	4066	2,391
01464	SURGE CONTROL SYSTEM	24	2499	1983	4,247	4,247	4,247	0	4066	11,001
01465	SURGE CONTROL SYSTEM	24	2499	1983	2,308	2,308	2,308	0	4066	5,978
01466	SURGE CONTROL SYSTEM	24	2499	1983	157,962	157,962	157,962	0	4066	409,150
01467	SURGE CONTROL SYSTEM	27	2799	1983	2,308	2,308	2,308	0	4066	5,978
01468	SURGE CONTROL SYSTEM	27	2799	1983	3,877	3,877	3,877	0	4066	10,042
01469	SURGE CONTROL SYSTEM	27	2799	1983	2,308	2,308	2,308	0	4066	5,978
01470	SURGE CONTROL SYSTEM	27	2799	1983	3,877	3,877	3,877	0	4066	10,042
01471	SURGE CONTROL SYSTEM	27	2799	1983	2,308	2,308	2,308	0	4066	5,978
01472	SURGE CONTROL SYSTEM	27	2799	1983	24,507	24,507	24,507	0	4066	63,478
01473	SURGE CONTROL SYSTEM	27	2799	1983	149,668	149,668	149,668	0	4066	387,667
01474	SURGE CONTROL SYSTEM	26	2699	1985	24,089	24,089	24,089	0	4195	60,476
01475	SURGE CONTROL SYSTEM	24	2499	1983	4,247	4,247	4,247	0	4066	11,001
01505	PIG LAUNCHING FACILITIES	23	2399	1983	1,004	1,004	1,004	0	4066	2,601
01506	PIG LAUNCHING FACILITIES	23	2399	1983	502	502	502	0	4066	1,300
01507	PIG LAUNCHING FACILITIES	24	2499	1983	502	502	502	0	4066	1,300
01508	PIG LAUNCHING FACILITIES	24	2499	1983	14,769	14,769	14,769	0	4066	38,254
01509	PIG LAUNCHING FACILITIES	24	2499	1983	65,536	65,536	65,536	0	4066	169,750
01510	PIG LAUNCHING FACILITIES	24	2499	1983	923	923	923	0	4066	2,391
01511	PIG LAUNCHING FACILITIES	27	2799	1983	502	502	502	0	4066	1,300
01516	PIG LAUNCHING FACILITIES	23	2399	1983	14,319	14,319	14,319	0	4066	37,089
01517	PIG LAUNCHING FACILITIES	23	2399	1983	14,769	14,769	14,769	0	4066	38,254
01518	PIG LAUNCHING FACILITIES	23	2399	1983	43,383	43,383	43,383	0	4066	112,370
01519	PIG LAUNCHING FACILITIES	23	2399	1983	923	923	923	0	4066	2,391
01520	PIG LAUNCHING FACILITIES	27	2799	1983	14,769	14,769	14,769	0	4066	38,254
01521	PIG LAUNCHING FACILITIES	27	2799	1983	923	923	923	0	4066	2,391
01522	PIG LAUNCHING FACILITIES	27	2799	1983	43,383	43,383	43,383	0	4066	112,370
01523	PIG LAUNCHING FACILITIES	23	2399	1983	1,846	1,846	1,846	0	4066	4,781
01524	PIG LAUNCHING FACILITIES	24	2499	1983	15,323	15,323	15,323	0	4066	39,689
01525	PIG LAUNCHING FACILITIES	24	2499	1983	1,846	1,846	1,846	0	4066	4,781
01526	PIG LAUNCHING FACILITIES	27	2799	1983	1,846	1,846	1,846	0	4066	4,781
01527	PIG LAUNCHING FACILITIES	27	2799	1983	15,323	15,323	15,323	0	4066	39,689
01530	SUMP PUMPS	23	2399	1983	600	600	600	0	4066	1,554

Table A

Excludes Water Reclamation Assets

MRWPCA Capacity Charge Update
Wastewater Fixed Asset Cost Basis

Engineering News-Record Construction Cost Index (20-Cities Avg), January 2017	10531.68

Asset #	Description	Location 1	Location 2	Acquisition Year	Original Cost	Original Cost (w/ Adjustments)	Accumulated Depreciation	Depreciated Cost Basis	ENR-CCI for Acquisition Year	ENR-Adjusted Original Cost (w/ Adjustments)
01531	SUMP PUMPS	23	2399	1983	502	502	502	0	4066	1,300
01532	SUMP PUMPS	23	2399	1983	502	502	502	0	4066	1,300
01533	SUMP PUMPS	23	2399	1983	502	502	502	0	4066	1,300
01534	SUMP PUMPS	23	2399	1983	502	502	502	0	4066	1,300
01535	SUMP PUMPS	23	2399	1983	502	502	502	0	4066	1,300
01536	SUMP PUMPS	23	2399	1983	1,846	1,846	1,846	0	4066	4,781
01537	SUMP PUMPS	23	2399	1983	1,846	1,846	1,846	0	4066	4,781
01538	SUMP PUMPS	24	2499	1983	502	502	502	0	4066	1,300
01539	SUMP PUMPS	24	2499	1983	502	502	502	0	4066	1,300
01540	SUMP PUMPS	24	2499	1983	502	502	502	0	4066	1,300
01541	SUMP PUMPS	24	2499	1983	502	502	502	0	4066	1,300
01542	SUMP PUMPS	24	2499	1983	502	502	502	0	4066	1,300
01543	SUMP PUMPS	24	2499	1983	1,846	1,846	1,846	0	4066	4,781
01544	SUMP PUMPS	24	2499	1983	1,846	1,846	1,846	0	4066	4,781
01545	SUMP PUMPS	24	2499	1983	600	600	600	0	4066	1,554
01546	SUMP PUMPS	27	2799	1983	502	502	502	0	4066	1,300
01547	SUMP PUMPS	27	2799	1983	502	502	502	0	4066	1,300
01548	SUMP PUMPS	27	2799	1983	502	502	502	0	4066	1,300
01549	SUMP PUMPS	27	2799	1983	502	502	502	0	4066	1,300
01550	SUMP PUMPS	27	2799	1983	502	502	502	0	4066	1,300
01551	SUMP PUMPS	27	2799	1983	3,046	3,046	3,046	0	4066	7,890
01552	SUMP PUMPS	27	2799	1983	3,046	3,046	3,046	0	4066	7,890
01553	SUMP PUMPS	27	2799	1983	840	840	840	0	4066	2,176
01583	WATER PRESSURIZATION SYSTEM	23	2399	1983	693	693	693	0	4066	1,795
01584	WATER PRESSURIZATION SYSTEM	23	2399	1983	502	502	502	0	4066	1,300
01585	WATER PRESSURIZATION SYSTEM	23	2399	1983	923	923	923	0	4066	2,391
01586	WATER PRESSURIZATION SYSTEM	23	2399	1983	923	923	923	0	4066	2,391
01587	WATER PRESSURIZATION SYSTEM	23	2399	1983	923	923	923	0	4066	2,391
01588	WATER PRESSURIZATION SYSTEM	23	2399	1983	2,945	2,945	2,945	0	4066	7,628
01589	WATER PRESSURIZATION SYSTEM	23	2399	1983	589	589	589	0	4066	1,526
01590	WATER PRESSURIZATION SYSTEM	23	2399	1983	2,945	2,945	2,945	0	4066	7,628
01591	WATER PRESSURIZATION SYSTEM	23	2399	1983	589	589	589	0	4066	1,526
01592	WATER PRESSURIZATION SYSTEM	23	2399	1983	1,154	1,154	1,154	0	4066	2,989
01593	WATER PRESSURIZATION SYSTEM	23	2399	1983	693	693	693	0	4066	1,795
01594	WATER PRESSURIZATION SYSTEM	23	2399	1983	693	693	693	0	4066	1,795
01595	WATER PRESSURIZATION SYSTEM	23	2399	1983	693	693	693	0	4066	1,795
01596	WATER PRESSURIZATION SYSTEM	23	2399	1983	693	693	693	0	4066	1,795
01597	WATER PRESSURIZATION SYSTEM	23	2399	1983	693	693	693	0	4066	1,795
01598	WATER PRESSURIZATION SYSTEM	23	2399	1983	502	502	502	0	4066	1,300
01599	WATER PRESSURIZATION SYSTEM	23	2399	1983	693	693	693	0	4066	1,795
01600	WATER PRESSURIZATION SYSTEM	23	2399	1983	1,384	1,384	1,384	0	4066	3,585
01601	WATER PRESSURIZATION SYSTEM	23	2399	1983	2,077	2,077	2,077	0	4066	5,380
01602	WATER PRESSURIZATION SYSTEM	23	2399	1983	923	923	923	0	4066	2,391
01603	WATER PRESSURIZATION SYSTEM	24	2499	1983	693	693	693	0	4066	1,795
01604	WATER PRESSURIZATION SYSTEM	24	2499	1983	1,154	1,154	1,154	0	4066	2,989
01605	WATER PRESSURIZATION SYSTEM	24	2499	1983	923	923	923	0	4066	2,391
01606	WATER PRESSURIZATION SYSTEM	24	2499	1983	923	923	923	0	4066	2,391
01607	WATER PRESSURIZATION SYSTEM	24	2499	1983	693	693	693	0	4066	1,795
01608	WATER PRESSURIZATION SYSTEM	24	2499	1983	693	693	693	0	4066	1,795
01609	WATER PRESSURIZATION SYSTEM	24	2499	1983	693	693	693	0	4066	1,795
01610	WATER PRESSURIZATION SYSTEM	24	2499	1983	502	502	502	0	4066	1,300
01611	WATER PRESSURIZATION SYSTEM	24	2499	1983	923	923	923	0	4066	2,391
01612	WATER PRESSURIZATION SYSTEM	24	2499	1983	2,945	2,945	2,945	0	4066	7,628
01613	WATER PRESSURIZATION SYSTEM	24	2499	1983	2,945	2,945	2,945	0	4066	7,628
01614	WATER PRESSURIZATION SYSTEM	24	2499	1983	589	589	589	0	4066	1,526
01615	WATER PRESSURIZATION SYSTEM	24	2499	1983	502	502	502	0	4066	1,300
01616	WATER PRESSURIZATION SYSTEM	24	2499	1983	589	589	589	0	4066	1,526
01617	WATER PRESSURIZATION SYSTEM	24	2499	1983	2,077	2,077	2,077	0	4066	5,380
01618	WATER PRESSURIZATION SYSTEM	24	2499	1983	693	693	693	0	4066	1,795
01619	WATER PRESSURIZATION SYSTEM	27	2799	1983	1,154	1,154	1,154	0	4066	2,989
01620	WATER PRESSURIZATION SYSTEM	27	2799	1983	2,077	2,077	2,077	0	4066	5,380
01621	WATER PRESSURIZATION SYSTEM	27	2799	1983	693	693	693	0	4066	1,795
01622	WATER PRESSURIZATION SYSTEM	27	2799	1983	693	693	693	0	4066	1,795
01623	WATER PRESSURIZATION SYSTEM	27	2799	1983	923	923	923	0	4066	2,391
01624	WATER PRESSURIZATION SYSTEM	27	2799	1983	923	923	923	0	4066	2,391
01625	WATER PRESSURIZATION SYSTEM	27	2799	1983	693	693	693	0	4066	1,795
01626	WATER PRESSURIZATION SYSTEM	27	2799	1983	923	923	923	0	4066	2,391
01627	WATER PRESSURIZATION SYSTEM	27	2799	1983	693	693	693	0	4066	1,795
01628	WATER PRESSURIZATION SYSTEM	27	2799	1983	693	693	693	0	4066	1,795
01629	WATER PRESSURIZATION SYSTEM	27	2799	1983	693	693	693	0	4066	1,795
01630	WATER PRESSURIZATION SYSTEM	27	2799	1983	502	502	502	0	4066	1,300
01631	WATER PRESSURIZATION SYSTEM	27	2799	1983	1,384	1,384	1,384	0	4066	3,585
01632	WATER PRESSURIZATION SYSTEM	27	2799	1983	923	923	923	0	4066	2,391
01633	WATER PRESSURIZATION SYSTEM	27	2799	1983	3,665	3,665	3,665	0	4066	9,493
01634	WATER PRESSURIZATION SYSTEM	27	2799	1983	3,665	3,665	3,665	0	4066	9,493
01635	WATER PRESSURIZATION SYSTEM	27	2799	1983	589	589	589	0	4066	1,526
01636	WATER PRESSURIZATION SYSTEM	27	2799	1983	502	502	502	0	4066	1,300
01637	WATER PRESSURIZATION SYSTEM	27	2799	1983	589	589	589	0	4066	1,526
01668	WATER PRESSURIZATION SYSTEM	23	2399	1983	12,367	12,367	12,367	0	4066	32,033
01669	WATER PRESSURIZATION SYSTEM	23	2399	1983	1,033	1,033	1,033	0	4066	2,676
01670	WATER PRESSURIZATION SYSTEM	24	2499	1983	12,367	12,367	12,367	0	4066	32,033

Table A
MRWPCA Capacity Charge Update
Wastewater Fixed Asset Cost Basis

Excludes Water Reclamation Assets

Engineering News-Record Construction Cost Index (20-Cities Avg), January 2017 | 10531.68

Asset #	Description	Location 1	Location 2	Acquisition Year	Original Cost	Original Cost (w/ Adjustments)	Accumulated Depreciation	Depreciated Cost Basis	ENR-CCI for Acquisition Year	ENR-Adjusted Original Cost (w/ Adjustments)
01671	WATER PRESSURIZATION SYSTEM	27	2799	1983	1,033	1,033	1,033	0	4066	2,676
01676	WATER PRESSURIZATION SYSTEM	27	2799	1983	12,366	12,366	12,366	0	4066	32,030
01683	WATER PRESSURIZATION SYSTEM	24	2499	1983	1,384	1,384	1,384	0	4066	3,585
01687	WATER PRESSURIZATION SYSTEM	24	2499	1983	1,033	1,033	1,033	0	4066	2,676
01690	AIR PRESSURIZATION SYSTEM	23	2399	1983	1,181	1,181	1,181	0	4066	3,059
01691	AIR PRESSURIZATION SYSTEM	23	2399	1983	557	557	557	0	4066	1,443
01692	AIR PRESSURIZATION SYSTEM	23	2399	1983	1,181	1,181	1,181	0	4066	3,059
01693	AIR PRESSURIZATION SYSTEM	23	2399	1983	560	560	560	0	4066	1,451
01694	AIR PRESSURIZATION SYSTEM	24	2499	1983	1,181	1,181	1,181	0	4066	3,059
01695	AIR PRESSURIZATION SYSTEM	24	2499	1983	1,181	1,181	1,181	0	4066	3,059
01696	AIR PRESSURIZATION SYSTEM	24	2499	1983	557	557	557	0	4066	1,443
01697	AIR PRESSURIZATION SYSTEM	24	2499	1983	560	560	560	0	4066	1,451
01698	AIR PRESSURIZATION SYSTEM	24	2499	1983	3,092	3,092	3,092	0	4066	8,009
01699	AIR PRESSURIZATION SYSTEM	27	2799	1983	1,181	1,181	1,181	0	4066	3,059
01700	AIR PRESSURIZATION SYSTEM	27	2799	1983	1,181	1,181	1,181	0	4066	3,059
01701	AIR PRESSURIZATION SYSTEM	27	2799	1983	557	557	557	0	4066	1,443
01702	AIR PRESSURIZATION SYSTEM	27	2799	1983	560	560	560	0	4066	1,451
01703	AIR PRESSURIZATION SYSTEM	27	2799	1983	3,092	3,092	3,092	0	4066	8,009
01724	AIR PRESSURIZATION SYSTEM	23	2399	1983	3,092	3,092	3,092	0	4066	8,009
01725	AIR PRESSURIZATION SYSTEM	23	2399	1983	5,572	5,572	5,572	0	4066	14,432
01726	AIR PRESSURIZATION SYSTEM	24	2499	1983	5,572	5,572	5,572	0	4066	14,432
01730	AIR PRESSURIZATION SYSTEM	27	2799	1983	5,572	5,572	5,572	0	4066	14,432
01736	HEATING & VENTILATION SYSTEM	23	2399	1983	11,911	11,911	11,911	0	4066	30,852
01737	HEATING & VENTILATION SYSTEM	23	2399	1983	4,430	4,430	4,430	0	4066	11,475
01738	HEATING & VENTILATION SYSTEM	23	2399	1983	923	923	923	0	4066	2,391
01739	HEATING & VENTILATION SYSTEM	23	2399	1983	923	923	923	0	4066	2,391
01740	HEATING & VENTILATION SYSTEM	23	2399	1983	2,228	2,228	2,228	0	4066	5,771
01741	HEATING & VENTILATION SYSTEM	23	2399	1983	4,430	4,430	4,430	0	4066	11,475
01742	HEATING & VENTILATION SYSTEM	23	2399	1983	502	502	502	0	4066	1,300
01743	HEATING & VENTILATION SYSTEM	23	2399	1983	1,874	1,874	1,874	0	4066	4,854
01744	HEATING & VENTILATION SYSTEM	23	2399	1983	502	502	502	0	4066	1,300
01745	HEATING & VENTILATION SYSTEM	24	2499	1983	4,430	4,430	4,430	0	4066	11,475
01746	HEATING & VENTILATION SYSTEM	24	2499	1983	4,430	4,430	4,430	0	4066	11,475
01747	HEATING & VENTILATION SYSTEM	24	2499	1983	923	923	923	0	4066	2,391
01748	HEATING & VENTILATION SYSTEM	24	2499	1983	502	502	502	0	4066	1,300
01749	HEATING & VENTILATION SYSTEM	24	2499	1983	923	923	923	0	4066	2,391
01750	HEATING & VENTILATION SYSTEM	24	2499	1983	2,228	2,228	2,228	0	4066	5,771
01751	HEATING & VENTILATION SYSTEM	24	2499	1983	1,874	1,874	1,874	0	4066	4,854
01752	HEATING & VENTILATION SYSTEM	24	2499	1983	502	502	502	0	4066	1,300
01753	HEATING & VENTILATION SYSTEM	24	2499	1983	11,911	11,911	11,911	0	4066	30,852
01754	HEATING & VENTILATION SYSTEM	27	2799	1983	923	923	923	0	4066	2,391
01755	HEATING & VENTILATION SYSTEM	27	2799	1983	2,228	2,228	2,228	0	4066	5,771
01756	HEATING & VENTILATION SYSTEM	27	2799	1983	4,430	4,430	4,430	0	4066	11,475
01757	HEATING & VENTILATION SYSTEM	27	2799	1983	4,430	4,430	4,430	0	4066	11,475
01758	HEATING & VENTILATION SYSTEM	27	2799	1983	502	502	502	0	4066	1,300
01759	HEATING & VENTILATION SYSTEM	27	2799	1983	923	923	923	0	4066	2,391
01760	HEATING & VENTILATION SYSTEM	27	2799	1983	1,874	1,874	1,874	0	4066	4,854
01761	HEATING & VENTILATION SYSTEM	27	2799	1983	11,911	11,911	11,911	0	4066	30,852
01762	HEATING & VENTILATION SYSTEM	27	2799	1983	502	502	502	0	4066	1,300
01795	HEATING & VENTILATION SYSTEM	23	2399	1983	502	502	502	0	4066	1,300
01796	HEATING & VENTILATION SYSTEM	24	2499	1983	502	502	502	0	4066	1,300
01799	HEATING & VENTILATION SYSTEM	27	2799	1983	502	502	502	0	4066	1,300
01804	HEATING & VENTILATION SYSTEM	23	2399	1983	61,201	61,201	61,201	0	4066	158,522
01805	HEATING & VENTILATION SYSTEM	24	2499	1983	61,201	61,201	61,201	0	4066	158,522
01806	HEATING & VENTILATION SYSTEM	27	2799	1983	61,201	61,201	61,201	0	4066	158,522
01813	ELECTRIC SERVICE SYSTEM	23	2399	1983	153,074	153,074	153,074	0	4066	396,490
01814	ELECTRIC SERVICE SYSTEM	23	2399	1983	94,734	94,734	94,734	0	4066	245,378
01815	ELECTRIC SERVICE SYSTEM	23	2399	1983	1,671	1,671	1,671	0	4066	4,328
01816	ELECTRIC SERVICE SYSTEM	23	2399	1983	153,074	153,074	153,074	0	4066	396,490
01817	ELECTRIC SERVICE SYSTEM	23	2399	1983	3,826	3,826	3,826	0	4066	9,910
01818	ELECTRIC SERVICE SYSTEM	23	2399	1983	2,349	2,349	2,349	0	4066	6,084
01819	ELECTRIC SERVICE SYSTEM	23	2399	1983	2,349	2,349	2,349	0	4066	6,084
01820	ELECTRIC SERVICE SYSTEM	23	2399	1983	1,484	1,484	1,484	0	4066	3,844
01821	ELECTRIC SERVICE SYSTEM	23	2399	1983	153,074	153,074	153,074	0	4066	396,490
01822	ELECTRIC SERVICE SYSTEM	23	2399	1983	1,484	1,484	1,484	0	4066	3,844
01823	ELECTRIC SERVICE SYSTEM	23	2399	1983	153,074	153,074	153,074	0	4066	396,490
01824	ELECTRIC SERVICE SYSTEM	23	2399	1983	3,826	3,826	3,826	0	4066	9,910
01825	ELECTRIC SERVICE SYSTEM	23	2399	1983	171,602	171,602	171,602	0	4066	444,480
01826	ELECTRIC SERVICE SYSTEM	23	2399	1983	94,734	94,734	94,734	0	4066	245,378
01827	ELECTRIC SERVICE SYSTEM	23	2399	1983	1,119	1,119	1,119	0	4066	2,898
01828	ELECTRIC SERVICE SYSTEM	23	2399	1983	1,780	1,780	1,780	0	4066	4,611
01829	ELECTRIC SERVICE SYSTEM	23	2399	1983	5,117	5,117	5,117	0	4066	13,254
01830	ELECTRIC SERVICE SYSTEM	23	2399	1983	502	502	502	0	4066	1,300
01831	ELECTRIC SERVICE SYSTEM	23	2399	1983	8,630	8,630	8,630	0	4066	22,353
01832	ELECTRIC SERVICE SYSTEM	23	2399	1983	839	839	839	0	4066	2,173
01833	ELECTRIC SERVICE SYSTEM	23	2399	1983	7,850	7,850	7,850	0	4066	20,333
01834	ELECTRIC SERVICE SYSTEM	23	2399	1983	3,079	3,079	3,079	0	4066	7,975
01835	ELECTRIC SERVICE SYSTEM	23	2399	1983	3,079	3,079	3,079	0	4066	7,975
01836	ELECTRIC SERVICE SYSTEM	23	2399	1983	3,079	3,079	3,079	0	4066	7,975
01837	ELECTRIC SERVICE SYSTEM	23	2399	1983	3,079	3,079	3,079	0	4066	7,975
01838	ELECTRIC SERVICE SYSTEM	23	2399	1983	12,348	12,348	12,348	0	4066	31,984

Table A
MRWPCA Capacity Charge Update
Wastewater Fixed Asset Cost Basis

Excludes Water Reclamation Assets

Engineering News-Record Construction Cost Index (20-Cities Avg), January 2017 | 10531.68

Asset #	Description	Location 1	Location 2	Acquisition Year	Original Cost	Original Cost (w/ Adjustments)	Accumulated Depreciation	Depreciated Cost Basis	ENR-CCI for Acquisition Year	ENR-Adjusted Original Cost (w/ Adjustments)
01839	ELECTRIC SERVICE SYSTEM	23	2399	1983	10,615	10,615	10,615	0	4066	27,495
01840	ELECTRIC SERVICE SYSTEM	23	2399	1983	8,178	8,178	8,178	0	4066	21,183
01841	ELECTRIC SERVICE SYSTEM	23	2399	1983	8,178	8,178	8,178	0	4066	21,183
01842	ELECTRIC SERVICE SYSTEM	23	2399	1983	6,936	6,936	6,936	0	4066	17,966
01843	ELECTRIC SERVICE SYSTEM	23	2399	1983	2,349	2,349	2,349	0	4066	6,084
01844	ELECTRIC SERVICE SYSTEM	23	2399	1983	6,693	6,693	6,693	0	4066	17,336
01845	ELECTRIC SERVICE SYSTEM	24	2499	1983	7,850	7,850	7,850	0	4066	20,333
01846	ELECTRIC SERVICE SYSTEM	24	2499	1983	3,826	3,826	3,826	0	4066	9,910
01847	ELECTRIC SERVICE SYSTEM	24	2499	1983	3,826	3,826	3,826	0	4066	9,910
01848	ELECTRIC SERVICE SYSTEM	24	2499	1983	1,484	1,484	1,484	0	4066	3,844
01849	ELECTRIC SERVICE SYSTEM	24	2499	1983	1,484	1,484	1,484	0	4066	3,844
01850	ELECTRIC SERVICE SYSTEM	24	2499	1983	153,074	153,074	153,074	0	4066	396,490
01851	ELECTRIC SERVICE SYSTEM	24	2499	1983	153,074	153,074	153,074	0	4066	396,490
01852	ELECTRIC SERVICE SYSTEM	24	2499	1983	153,074	153,074	153,074	0	4066	396,490
01853	ELECTRIC SERVICE SYSTEM	24	2499	1983	153,074	153,074	153,074	0	4066	396,490
01854	ELECTRIC SERVICE SYSTEM	24	2499	1983	16,357	16,357	16,357	0	4066	42,368
01855	ELECTRIC SERVICE SYSTEM	24	2499	1983	12,348	12,348	12,348	0	4066	31,984
01856	ELECTRIC SERVICE SYSTEM	24	2499	1983	10,615	10,615	10,615	0	4066	27,495
01857	ELECTRIC SERVICE SYSTEM	24	2499	1983	3,079	3,079	3,079	0	4066	7,975
01858	ELECTRIC SERVICE SYSTEM	24	2499	1983	3,079	3,079	3,079	0	4066	7,975
01859	ELECTRIC SERVICE SYSTEM	24	2499	1983	3,079	3,079	3,079	0	4066	7,975
01860	ELECTRIC SERVICE SYSTEM	24	2499	1983	3,079	3,079	3,079	0	4066	7,975
01861	ELECTRIC SERVICE SYSTEM	24	2499	1983	94,734	94,734	94,734	0	4066	245,378
01862	ELECTRIC SERVICE SYSTEM	24	2499	1983	171,602	171,602	171,602	0	4066	444,480
01863	ELECTRIC SERVICE SYSTEM	24	2499	1983	94,734	94,734	94,734	0	4066	245,378
01864	ELECTRIC SERVICE SYSTEM	24	2499	1983	4,696	4,696	4,696	0	4066	12,163
01865	ELECTRIC SERVICE SYSTEM	24	2499	1983	1,119	1,119	1,119	0	4066	2,898
01866	ELECTRIC SERVICE SYSTEM	24	2499	1983	1,671	1,671	1,671	0	4066	4,328
01867	ELECTRIC SERVICE SYSTEM	27	2799	1983	1,119	1,119	1,119	0	4066	2,898
01868	ELECTRIC SERVICE SYSTEM	27	2799	1983	1,671	1,671	1,671	0	4066	4,328
01869	ELECTRIC SERVICE SYSTEM	27	2799	1983	102,050	102,050	102,050	0	4066	264,328
01870	ELECTRIC SERVICE SYSTEM	27	2799	1983	94,734	94,734	94,734	0	4066	245,378
01871	ELECTRIC SERVICE SYSTEM	27	2799	1983	171,602	171,602	171,602	0	4066	444,480
01872	ELECTRIC SERVICE SYSTEM	27	2799	1983	94,734	94,734	94,734	0	4066	245,378
01873	ELECTRIC SERVICE SYSTEM	27	2799	1983	4,696	4,696	4,696	0	4066	12,163
01874	ELECTRIC SERVICE SYSTEM	27	2799	1983	3,826	3,826	3,826	0	4066	9,910
01875	ELECTRIC SERVICE SYSTEM	27	2799	1983	3,826	3,826	3,826	0	4066	9,910
01876	ELECTRIC SERVICE SYSTEM	27	2799	1983	1,484	1,484	1,484	0	4066	3,844
01877	ELECTRIC SERVICE SYSTEM	27	2799	1983	1,484	1,484	1,484	0	4066	3,844
01878	ELECTRIC SERVICE SYSTEM	27	2799	1983	7,850	7,850	7,850	0	4066	20,333
01879	ELECTRIC SERVICE SYSTEM	27	2799	1983	1,540	1,540	1,540	0	4066	3,989
01880	ELECTRIC SERVICE SYSTEM	27	2799	1983	102,050	102,050	102,050	0	4066	264,328
01881	ELECTRIC SERVICE SYSTEM	27	2799	1983	102,050	102,050	102,050	0	4066	264,328
01882	ELECTRIC SERVICE SYSTEM	27	2799	1983	102,050	102,050	102,050	0	4066	264,328
01883	ELECTRIC SERVICE SYSTEM	27	2799	1983	102,050	102,050	102,050	0	4066	264,328
01884	ELECTRIC SERVICE SYSTEM	27	2799	1983	102,050	102,050	102,050	0	4066	264,328
01885	ELECTRIC SERVICE SYSTEM	27	2799	1983	102,050	102,050	102,050	0	4066	264,328
01886	ELECTRIC SERVICE SYSTEM	27	2799	1983	102,050	102,050	102,050	0	4066	264,328
01887	ELECTRIC SERVICE SYSTEM	27	2799	1983	1,540	1,540	1,540	0	4066	3,989
01888	ELECTRIC SERVICE SYSTEM	27	2799	1983	1,540	1,540	1,540	0	4066	3,989
01889	ELECTRIC SERVICE SYSTEM	27	2799	1983	1,540	1,540	1,540	0	4066	3,989
01890	ELECTRIC SERVICE SYSTEM	27	2799	1983	16,357	16,357	16,357	0	4066	42,368
01891	ELECTRIC SERVICE SYSTEM	27	2799	1983	1,540	1,540	1,540	0	4066	3,989
01892	ELECTRIC SERVICE SYSTEM	27	2799	1983	1,540	1,540	1,540	0	4066	3,989
01893	ELECTRIC SERVICE SYSTEM	27	2799	1983	10,615	10,615	10,615	0	4066	27,495
01894	ELECTRIC SERVICE SYSTEM	27	2799	1983	12,348	12,348	12,348	0	4066	31,984
01895	ELECTRIC SERVICE SYSTEM	27	2799	1983	1,540	1,540	1,540	0	4066	3,989
01896	ELECTRIC SERVICE SYSTEM	27	2799	1983	1,540	1,540	1,540	0	4066	3,989
01929	ELECTRIC SERVICE SYSTEM	23	2399	1983	19,093	19,093	19,093	0	4066	49,454
01930	ELECTRIC SERVICE SYSTEM	23	2399	1983	80,685	80,685	80,685	0	4066	208,989
01931	ELECTRIC SERVICE SYSTEM	23	2399	1983	13,729	13,729	13,729	0	4066	35,561
01932	ELECTRIC SERVICE SYSTEM	23	2399	1983	52,207	52,207	52,207	0	4066	135,226
01933	ELECTRIC SERVICE SYSTEM	23	2399	1983	43,106	43,106	43,106	0	4066	111,652
01934	ELECTRIC SERVICE SYSTEM	23	2399	1983	2,631	2,631	2,631	0	4066	6,815
01935	ELECTRIC SERVICE SYSTEM	23	2399	1983	18,553	18,553	18,553	0	4066	48,056
01936	ELECTRIC SERVICE SYSTEM	23	2399	1983	3,164	3,164	3,164	0	4066	8,195
01937	ELECTRIC SERVICE SYSTEM	23	2399	1983	502	502	502	0	4066	1,300
01938	ELECTRIC SERVICE SYSTEM	23	2399	1983	1,089	1,089	1,089	0	4066	2,821
01939	ELECTRIC SERVICE SYSTEM	23	2399	1983	1,163	1,163	1,163	0	4066	3,012
01940	ELECTRIC SERVICE SYSTEM	23	2399	1983	1,564	1,564	1,564	0	4066	4,051
01941	ELECTRIC SERVICE SYSTEM	23	2399	1983	112,545	112,545	112,545	0	4066	291,512
01942	ELECTRIC SERVICE SYSTEM	23	2399	1983	3,711	3,711	3,711	0	4066	9,612
01943	ELECTRIC SERVICE SYSTEM	23	2399	1983	3,031	3,031	3,031	0	4066	7,851
01944	ELECTRIC SERVICE SYSTEM	23	2399	1983	7,165	7,165	7,165	0	4066	18,559
01945	ELECTRIC SERVICE SYSTEM	23	2399	1983	2,250	2,250	2,250	0	4066	5,828
01946	ELECTRIC SERVICE SYSTEM	24	2499	1983	52,207	52,207	52,207	0	4066	135,226
01947	ELECTRIC SERVICE SYSTEM	24	2499	1983	7,165	7,165	7,165	0	4066	18,559
01948	ELECTRIC SERVICE SYSTEM	24	2499	1983	1,089	1,089	1,089	0	4066	2,821
01949	ELECTRIC SERVICE SYSTEM	24	2499	1983	1,163	1,163	1,163	0	4066	3,012
01950	ELECTRIC SERVICE SYSTEM	24	2499	1983	502	502	502	0	4066	1,300
01951	ELECTRIC SERVICE SYSTEM	24	2499	1983	3,164	3,164	3,164	0	4066	8,195

Table A
MRWPCA Capacity Charge Update
Wastewater Fixed Asset Cost Basis

Excludes Water Reclamation Assets

Engineering News-Record Construction Cost Index (20-Cities Avg), January 2017 10531.68

Asset #	Description	Location 1	Location 2	Acquisition Year	Original Cost	Original Cost (w/ Adjustments)	Accumulated Depreciation	Depreciated Cost Basis	ENR-CCI for Acquisition Year	ENR-Adjusted Original Cost (w/ Adjustments)
01952	ELECTRIC SERVICE SYSTEM	24	2499	1983	18,553	18,553	18,553	0	4066	48,056
01953	ELECTRIC SERVICE SYSTEM	24	2499	1983	13,729	13,729	13,729	0	4066	35,561
01954	ELECTRIC SERVICE SYSTEM	24	2499	1983	43,106	43,106	43,106	0	4066	111,652
01955	ELECTRIC SERVICE SYSTEM	24	2499	1983	80,685	80,685	80,685	0	4066	208,989
01956	ELECTRIC SERVICE SYSTEM	24	2499	1983	19,093	19,093	19,093	0	4066	49,454
01957	ELECTRIC SERVICE SYSTEM	24	2499	1983	2,631	2,631	2,631	0	4066	6,815
01958	ELECTRIC SERVICE SYSTEM	24	2499	1983	1,780	1,780	1,780	0	4066	4,611
01959	ELECTRIC SERVICE SYSTEM	24	2499	1983	502	502	502	0	4066	1,300
01960	ELECTRIC SERVICE SYSTEM	24	2499	1983	839	839	839	0	4066	2,173
01961	ELECTRIC SERVICE SYSTEM	24	2499	1983	8,630	8,630	8,630	0	4066	22,353
01962	ELECTRIC SERVICE SYSTEM	24	2499	1983	2,349	2,349	2,349	0	4066	6,084
01963	ELECTRIC SERVICE SYSTEM	24	2499	1983	2,250	2,250	2,250	0	4066	5,828
01964	ELECTRIC SERVICE SYSTEM	24	2499	1983	1,564	1,564	1,564	0	4066	4,051
01965	ELECTRIC SERVICE SYSTEM	24	2499	1983	112,545	112,545	112,545	0	4066	291,512
01966	ELECTRIC SERVICE SYSTEM	24	2499	1983	3,711	3,711	3,711	0	4066	9,612
01967	ELECTRIC SERVICE SYSTEM	24	2499	1983	3,032	3,032	3,032	0	4066	7,853
01968	ELECTRIC SERVICE SYSTEM	24	2499	1983	5,117	5,117	5,117	0	4066	13,254
01969	ELECTRIC SERVICE SYSTEM	24	2499	1983	6,693	6,693	6,693	0	4066	17,336
01970	ELECTRIC SERVICE SYSTEM	24	2499	1983	6,936	6,936	6,936	0	4066	17,966
01971	ELECTRIC SERVICE SYSTEM	27	2799	1983	19,093	19,093	19,093	0	4066	49,454
01972	ELECTRIC SERVICE SYSTEM	27	2799	1983	3,164	3,164	3,164	0	4066	8,195
01973	ELECTRIC SERVICE SYSTEM	27	2799	1983	502	502	502	0	4066	1,300
01974	ELECTRIC SERVICE SYSTEM	27	2799	1983	1,163	1,163	1,163	0	4066	3,012
01975	ELECTRIC SERVICE SYSTEM	27	2799	1983	1,089	1,089	1,089	0	4066	2,821
01976	ELECTRIC SERVICE SYSTEM	27	2799	1983	5,117	5,117	5,117	0	4066	13,254
01977	ELECTRIC SERVICE SYSTEM	27	2799	1983	52,207	52,207	52,207	0	4066	135,226
01978	ELECTRIC SERVICE SYSTEM	27	2799	1983	6,693	6,693	6,693	0	4066	17,336
01979	ELECTRIC SERVICE SYSTEM	27	2799	1983	13,729	13,729	13,729	0	4066	35,561
01980	ELECTRIC SERVICE SYSTEM	27	2799	1983	6,936	6,936	6,936	0	4066	17,966
01981	ELECTRIC SERVICE SYSTEM	27	2799	1983	839	839	839	0	4066	2,173
01982	ELECTRIC SERVICE SYSTEM	27	2799	1983	43,106	43,106	43,106	0	4066	111,652
01983	ELECTRIC SERVICE SYSTEM	27	2799	1983	502	502	502	0	4066	1,300
01984	ELECTRIC SERVICE SYSTEM	27	2799	1983	80,685	80,685	80,685	0	4066	208,989
01985	ELECTRIC SERVICE SYSTEM	27	2799	1983	1,780	1,780	1,780	0	4066	4,611
01986	ELECTRIC SERVICE SYSTEM	27	2799	1983	2,631	2,631	2,631	0	4066	6,815
01987	ELECTRIC SERVICE SYSTEM	27	2799	1983	2,349	2,349	2,349	0	4066	6,084
01988	ELECTRIC SERVICE SYSTEM	27	2799	1983	8,630	8,630	8,630	0	4066	22,353
01989	ELECTRIC SERVICE SYSTEM	27	2799	1983	7,165	7,165	7,165	0	4066	18,559
01990	ELECTRIC SERVICE SYSTEM	27	2799	1983	2,252	2,252	2,252	0	4066	5,833
01991	ELECTRIC SERVICE SYSTEM	27	2799	1983	1,564	1,564	1,564	0	4066	4,051
01992	ELECTRIC SERVICE SYSTEM	27	2799	1983	112,540	112,540	112,540	0	4066	291,499
01993	ELECTRIC SERVICE SYSTEM	27	2799	1983	3,711	3,711	3,711	0	4066	9,612
01994	ELECTRIC SERVICE SYSTEM	27	2799	1983	3,035	3,035	3,035	0	4066	7,861
01995	ELECTRIC SERVICE SYSTEM	27	2799	1983	18,553	18,553	18,553	0	4066	48,056
02035	ELECTRIC SERVICE SYSTEM	26	2699	1985	46,171	46,171	46,171	0	4195	115,914
02036	ELECTRIC SERVICE SYSTEM	26	2699	1985	145,539	145,539	145,539	0	4195	365,380
02037	AIR TREATMENT SYSTEM	23	2399	1983	1,846	1,846	1,846	0	4066	4,781
02038	AIR TREATMENT SYSTEM	23	2399	1983	1,846	1,846	1,846	0	4066	4,781
02039	AIR TREATMENT SYSTEM	24	2499	1983	3,692	3,692	3,692	0	4066	9,563
02040	AIR TREATMENT SYSTEM	27	2799	1983	1,846	1,846	1,846	0	4066	4,781
02045	AIR TREATMENT SYSTEM	23	2399	1983	11,077	11,077	11,077	0	4066	28,691
02046	AIR TREATMENT SYSTEM	23	2399	1983	11,076	11,076	11,076	0	4066	28,689
02047	AIR TREATMENT SYSTEM	23	2399	1983	11,077	11,077	11,077	0	4066	28,691
02048	AIR TREATMENT SYSTEM	24	2499	1983	11,077	11,077	11,077	0	4066	28,691
02049	AIR TREATMENT SYSTEM	24	2499	1983	11,077	11,077	11,077	0	4066	28,691
02050	AIR TREATMENT SYSTEM	24	2499	1983	11,076	11,076	11,076	0	4066	28,689
02051	AIR TREATMENT SYSTEM	27	2799	1983	11,077	11,077	11,077	0	4066	28,691
02052	AIR TREATMENT SYSTEM	27	2799	1983	11,077	11,077	11,077	0	4066	28,691
02053	AIR TREATMENT SYSTEM	27	2799	1983	11,076	11,076	11,076	0	4066	28,689
02054	AIR TREATMENT SYSTEM	27	2799	1983	1,846	1,846	1,846	0	4066	4,781
02060	AIR TREATMENT SYSTEM	23	2399	1983	923	923	923	0	4066	2,391
02061	AIR TREATMENT SYSTEM	23	2399	1983	2,308	2,308	2,308	0	4066	5,978
02062	AIR TREATMENT SYSTEM	23	2399	1983	2,308	2,308	2,308	0	4066	5,978
02063	AIR TREATMENT SYSTEM	23	2399	1983	1,845	1,845	1,845	0	4066	4,779
02064	AIR TREATMENT SYSTEM	24	2499	1983	1,845	1,845	1,845	0	4066	4,779
02065	AIR TREATMENT SYSTEM	24	2499	1983	2,308	2,308	2,308	0	4066	5,978
02066	AIR TREATMENT SYSTEM	24	2499	1983	2,308	2,308	2,308	0	4066	5,978
02067	AIR TREATMENT SYSTEM	24	2499	1983	9,230	9,230	9,230	0	4066	23,907
02068	AIR TREATMENT SYSTEM	27	2799	1983	9,230	9,230	9,230	0	4066	23,907
02069	AIR TREATMENT SYSTEM	27	2799	1983	1,845	1,845	1,845	0	4066	4,779
02070	AIR TREATMENT SYSTEM	27	2799	1983	2,308	2,308	2,308	0	4066	5,978
02071	AIR TREATMENT SYSTEM	27	2799	1983	2,308	2,308	2,308	0	4066	5,978
02077	AIR TREATMENT SYSTEM	26	2699	1985	31,617	31,617	31,617	0	4195	79,375
02302	LAND	80	0	1983	258,771	258,771	91,433	167,338	4066	670,264
02303	APN#011-012-02, LAND	80	0	1983	89,849	89,849	31,747	58,102	4066	232,725
02304	APN#011-012-05, LAND	80	0	1983	33,243	33,243	11,746	21,497	4066	86,105
02305	APN#011-154-13, LAND	80	0	1983	4,456	4,456	1,575	2,881	4066	11,542
02306	APN#011-154-18, LAND	80	0	1983	4,456	4,456	1,575	2,881	4066	11,542
02307	APN#011-432-09, LAND	80	0	1983	41,228	41,228	14,567	26,661	4066	106,788
02308	APN#011-432-14, LAND	80	0	1983	37,252	37,252	13,162	24,090	4066	96,489
02309	APN#011-432-15, LAND	80	0	1983	37,252	37,252	13,162	24,090	4066	96,489

Table A

MRWPCA Capacity Charge Update

Wastewater Fixed Asset Cost Basis

Excludes Water Reclamation Assets

Engineering News-Record Construction Cost Index (20-Cities Avg), January 2017 10531.68

Asset #	Description	Location 1	Location 2	Acquisition Year	Original Cost	Original Cost (w/ Adjustments)	Accumulated Depreciation	Depreciated Cost Basis	ENR-CCI for Acquisition Year	ENR-Adjusted Original Cost (w/ Adjustments)
02310	APN#011-432-16, LAND	80	0	1983	12,665	12,665	4,475	8,190	4066	32,805
02311	APN#011-432-17, LAND	80	0	1983	12,665	12,665	4,475	8,190	4066	32,805
02312	APN#011-441-29, LAND	80	0	1983	3,693	3,693	1,305	2,388	4066	9,566
02313	APN#011-441-30, LAND	80	0	1983	26,201	26,201	9,258	16,943	4066	67,865
02314	APN#011-453-26, LAND	80	0	1983	43,084	43,084	15,223	27,861	4066	111,595
02315	APN#011-501-04, LAND	80	0	1983	70,577	70,577	24,937	45,640	4066	182,807
02316	APN#011-510-10, LAND	80	0	1983	9,830	9,830	3,474	6,356	4066	25,461
02317	APN#011-501-13, LAND	80	0	1983	68,217	68,217	24,103	44,114	4066	176,694
02318	APN#011-501-14, LAND	80	0	1983	67,024	67,024	23,682	43,342	4066	173,604
02319	APN#011-501-16, LAND	80	0	1983	12,307	12,307	4,349	7,958	4066	31,877
02320	APN#133-143-09, LAND	80	0	1983	1,418	1,418	501	917	4066	3,673
02321	APN#135-032-07, LAND	80	0	1983	1,034	1,034	365	669	4066	2,678
02322	APN#135-041-04, LAND	80	0	1983	10,065	10,065	3,557	6,508	4066	26,070
02323	APN#135-041-08, LAND	80	0	1983	5,097	5,097	1,801	3,296	4066	13,202
02324	APN#135-051-05, LAND	80	0	1983	4,407	4,407	1,557	2,850	4066	11,415
02325	APN#135-051-06, LAND	80	0	1983	4,932	4,932	1,743	3,189	4066	12,775
02326	APN#147-021-04, LAND	80	0	1983	13,389	13,389	4,731	8,658	4066	34,680
02327	APN#175-011-11, LAND	80	0	1983	10,223	10,223	3,612	6,611	4066	26,479
02328	APN#175-011-27, LAND	80	0	1983	12,818	12,818	4,529	8,289	4066	33,201
02329	APN#175-011-30, LAND	80	0	1983	10,223	10,223	3,612	6,611	4066	26,479
02330	APN#175-011-30, LAND	80	0	1983	10,223	10,223	3,612	6,611	4066	26,479
02331	APN#175-021-05, LAND	80	0	1983	498	498	176	322	4066	1,290
02332	APN#175-021-06, LAND	80	0	1983	1,622	1,622	573	1,049	4066	4,201
02333	APN#175-021-07, LAND	80	0	1983	1,622	1,622	573	1,049	4066	4,201
02334	APN#175-021-15, LAND	80	0	1983	4,096	4,096	1,448	2,648	4066	10,609
02335	APN#175-021-16, LAND	80	0	1983	161	161	56	105	4066	417
02336	APN#175-021-17, LAND	80	0	1983	4,096	4,096	1,448	2,648	4066	10,609
02337	APN#175-021-22, LAND	80	0	1983	13,310	13,310	4,703	8,607	4066	34,475
02338	APN#175-021-23, LAND	80	0	1983	13,310	13,310	4,703	8,607	4066	34,475
02339	APN#175-031-06, LAND	80	0	1983	9,477	9,477	3,348	6,129	4066	24,547
02340	APN#175-041-04, LAND	80	0	1983	10,961	10,961	3,872	7,089	4066	28,391
02341	APN#203-011-01, LAND	80	0	1983	31,634	31,634	11,177	20,457	4066	81,938
02342	APN#203-011-10, LAND	80	0	1983	33	33	12	21	4066	85
02343	APN#203-011-16, LAND	80	0	1983	31,634	31,634	11,177	20,457	4066	81,938
02344	APN#203-011-19, LAND	80	0	1983	31,634	31,634	11,177	20,457	4066	81,938
02345	APN#203-011-20, LAND	80	0	1983	31,634	31,634	11,177	20,457	4066	81,938
02346	APN#203-021-01, LAND	80	0	1983	10,223	10,223	3,612	6,611	4066	26,479
02347	APN#207-031-02, LAND	80	0	1983	123	123	44	79	4066	319
02348	APN#207-032-06, LAND	80	0	1983	5,124	5,124	1,811	3,313	4066	13,272
02349	APN#229-031-09, LAND	80	0	1983	1,333	1,333	471	862	4066	3,453
02350	APN#229-031-12, LAND	80	0	1983	1,333	1,333	471	862	4066	3,453
02351	APN#414-021-02, LAND	80	0	1983	22,908	22,908	8,094	14,814	4066	59,336
02352	APN#414-021-04, LAND	80	0	1983	1,469	1,469	519	950	4066	3,805
02353	APN#414-021-05, LAND	80	0	1983	2,082	2,082	736	1,346	4066	5,393
02354	APN#414-021-06, LAND	80	0	1983	1,707	1,707	603	1,104	4066	4,421
02355	APN#414-021-07, LAND	80	0	1983	1,707	1,707	603	1,104	4066	4,421
02356	APN#414-021-08, LAND	80	0	1983	2,082	2,082	736	1,346	4066	5,393
02357	APN#414-021-10, LAND	80	0	1983	1,469	1,469	519	950	4066	3,805
02358	APN#414-021-11, LAND	80	0	1983	1,469	1,469	519	950	4066	3,805
02359	APN#414-021-12, LAND	80	0	1983	15,153	15,153	5,354	9,799	4066	39,249
02360	LONESTAR EASEMENT, LAND	80	0	1990	200,743	200,743	44,498	156,245	4732	446,780
02361	OCEAN HOUSE, LAND	80	0	1983	70,260	70,260	24,825	45,435	4066	181,986
03199	GATE AND HYDRAULIC OPERATOR	23	2301	1983	12,184	12,184	9,950	2,234	4066	31,559
03200	GATE AND HYDRAULIC OPERATOR	23	2301	1983	12,184	12,184	9,950	2,234	4066	31,559
03201	GATE AND HYDRAULIC OPERATOR	23	2301	1983	2,707	2,707	2,211	496	4066	7,012
03202	GATE AND HYDRAULIC OPERATOR	23	2301	1983	2,965	2,965	2,421	544	4066	7,680
03203	GATE AND HYDRAULIC OPERATOR	23	2301	1983	2,965	2,965	2,421	544	4066	7,680
03204	BUILDING, MAINTENANCE GARAGE,	23	2302	1980	23,153	23,153	23,153	0	3237	75,329
03205	CRANE, 2M801, 7 1/2 HP	23	2302	1983	502	502	410	92	4066	1,300
03206	120V TIME CLOCK/BLDG EXTER	23	2302	1983	502	502	410	92	4066	1,300
03209	PAVING, CONCRETE & ASPHALT, APPROX	23	2399	1984	7,478	7,478	7,478	0	4146	18,996
03210	CRANE, 3M801, 7 1/2 TON, 8HP	24	2401	1983	40,290	40,290	32,901	7,389	4066	104,358
03211	CRANE, 3M801, 8HP	24	2401	1983	502	502	410	92	4066	1,300
03212	TIME CLOCK, 120V	24	2401	1983	502	502	410	92	4066	1,300
03213	INTERCOM SYSTEM	24	2401	1983	2,585	2,585	2,111	474	4066	6,696
03214	2 TON CAPACITY	24	2401	1983	14,431	14,431	11,785	2,646	4066	37,379
03219	PAVING, CONCRETE & ASPHALT, APPROX	24	2499	1984	8,386	8,386	8,386	0	4146	21,302
03231	FENCING, APPROX 190 LIN. FT	27	2799	1983	2,849	2,849	2,849	0	4066	7,379
03232	PAVING, CONCRETE & ASPHALT, APPROX	27	2799	1983	11,978	11,978	11,978	0	4066	31,025
00456	ADMINISTRATION, CLASS, 6632 SQUARE	80	80010	1990	731,154	731,154	482,828	248,326	4732	1,627,278
00457	ROOFING	80	80010	1990	77,253	77,253	77,253	0	4732	171,937
00458	PLUMBING, ELECTRICAL	80	80010	1990	418,789	418,789	276,553	142,236	4732	932,069
00459	HVAC	80	80010	1990	393,624	393,624	393,624	0	4732	876,061
00460	TELEPHONE CABLE EXTENSION, CONTROL	80	80010	1990	11,287	11,287	11,287	0	4732	25,121
00461	INTERIOR AND EXTERIOR CONSTRUCTION	80	80010	1990	4,351	4,351	2,873	1,478	4732	9,684
00462	DEDICATION PLAQUE	80	80010	1990	3,124	3,124	3,124	0	4732	6,953
00465	STAND REWIRE FOR AUTOCLAVE	80	80010	1990	6,243	6,243	6,243	0	4732	13,895
00467	MAINTENANCE BUILDING, CLASS C,	80	80020	1990	598,235	598,235	395,053	203,182	4732	1,331,450
00469	PLUMBING, ELECTRICAL	80	80020	1990	121,751	121,751	80,400	41,351	4732	270,973
00470	POWER WIRING, ETC.	80	80020	1990	35,259	35,259	35,259	0	4732	78,473
00471	VENTILATION	80	80020	1990	21,587	21,587	21,587	0	4732	48,045

Table A
MRWPCA Capacity Charge Update
Wastewater Fixed Asset Cost Basis

Excludes Water Reclamation Assets

Engineering News-Record Construction Cost Index (20-Cities Avg), January 2017 | 10531.68

Asset #	Description	Location 1	Location 2	Acquisition Year	Original Cost	Original Cost (w/ Adjustments)	Accumulated Depreciation	Depreciated Cost Basis	ENR-CCI for Acquisition Year	ENR-Adjusted Original Cost (w/ Adjustments)
00472	YARD MECHANICAL, ELECTRICAL, AREA 7	80	80020	1990	102,035	102,035	102,035	0	4732	227,092
00473	LOADING DOCK MODIFICATION	80	80020	1990	7,128	7,128	4,707	2,421	4732	15,864
00474	INTERIOR, EXTERIOR CHANGE ORDERS	80	80020	1990	34,724	34,724	22,930	11,794	4732	77,283
00475	HEAT PUMP CONDUITS	80	80020	1990	1,238	1,238	1,238	0	4732	2,755
00476	MAINT/POWER PHONE JACKS	80	80020	1990	563	563	563	0	4732	1,253
00477	MONORAIL	80	80020	1990	35,677	35,677	23,560	12,117	4732	79,404
00478	LOCKERS	80	80020	1990	10,078	10,078	10,078	0	4732	22,430
00480	VEHICLE STORAGE, CLASS C, 5760	80	80030	1990	400,771	400,771	400,771	0	4732	891,968
00481	ROOFING	80	80030	1990	61,120	61,120	61,120	0	4732	136,030
00482	PLUMBING, ELECTRICAL	80	80030	1990	98,725	98,725	65,194	33,531	4732	219,725
00483	POWER WIRING, ETC.	80	80030	1990	14,391	14,391	14,391	0	4732	32,029
00484	VENTILATION	80	80030	1990	7,196	7,196	7,196	0	4732	16,016
00485	PAINTING	80	80030	1990	1,108	1,108	1,108	0	4732	2,466
00486	LUBE/WASTE OIL CONTAINMENT	80	80030	1990	3,598	3,598	3,598	0	4732	8,008
00487	FENCE MAN GATE	80	80030	1990	760	760	760	0	4732	1,691
00488	POWER GENERATION BUILDING, CLASS C,	80	80040	1990	765,655	765,655	505,611	260,044	4732	1,704,065
00489	ROOFING	80	80040	1990	87,518	87,518	87,518	0	4732	194,783
00490	ELECTRICAL	80	80040	1990	143,598	143,598	94,827	48,771	4732	319,596
00491	POWER WIRING, ETC.	80	80040	1990	578,074	578,074	578,074	0	4732	1,286,579
00492	PROCESS PIPING	80	80040	1990	404,381	404,381	404,381	0	4732	900,002
00493	VENTILATION	80	80040	1990	37,699	37,699	37,699	0	4732	83,904
00494	PHONE JACKS	80	80040	1990	1,280	1,280	1,280	0	4732	2,849
00497	POWER GEN I/O CABINET	80	80040	1990	21,611	21,611	14,271	7,340	4732	48,098
00498	GATE VALVE MODIFY	80	80040	1990	24,517	24,517	24,517	0	4732	54,566
00500	ISOLATION TRANSFORMER	80	80040	1990	503,521	503,521	503,521	0	4732	1,120,651
00501	CLASS C WATER ROTAMETER	80	80040	1990	10,094	10,094	10,094	0	4732	22,466
00502	CHEMICAL BUILDING, CLASS C, 4280	80	80050	1990	346,195	346,195	304,824	41,371	4732	770,502
00504	ELECTRICAL	80	80050	1990	18,478	18,478	16,270	2,208	4732	41,125
00505	POWER WIRING, ETC.	80	80050	1990	217,338	217,338	217,338	0	4732	483,714
00506	PIPING	80	80050	1990	151,432	151,432	133,336	18,096	4732	337,032
00507	VENTILATION	80	80050	1990	64,761	64,761	64,761	0	4732	144,134
00508	CHLORINATING EQUIPMENT	80	80050	1990	376,119	376,119	376,119	0	4732	837,102
00509	TRUCKLING FILTER PUMP, CLASS C,	80	80060	1990	460,655	460,655	304,200	156,455	4732	1,025,247
00510	ROOFING	80	80061	1990	13,527	13,527	13,527	0	4732	30,106
00511	ELECTRICAL	80	80060	1990	6,045	6,045	3,992	2,053	4732	13,454
00512	POWER WIRING, ETC.	80	80060	1990	382,955	382,955	382,955	0	4732	852,316
00513	PIPING	80	80060	1990	395,144	395,144	260,939	134,205	4732	879,444
00514	DIGESTER CONTROL BUILDING, CLASS C,	80	80070	1990	561,870	561,870	494,725	67,145	4732	1,250,515
00515	ROOFING	80	80070	1990	4,721	4,721	4,721	0	4732	10,507
00516	ELECTRICAL	80	80070	1990	28,855	28,855	25,407	3,448	4732	64,221
00517	POWER WIRING, ETC.	80	80070	1990	140,557	140,557	140,557	0	4732	312,828
00518	PIPING	80	80070	1990	642,291	642,291	565,536	76,755	4732	1,429,502
00519	DIGESTER ELECTRICAL BUILDING,	80	80071	1990	24,610	24,610	21,669	2,941	4732	54,773
00520	ROOFING	80	80071	1990	432	432	432	0	4732	961
00521	ELECTRICAL	80	80071	1990	1,943	1,943	1,943	0	4732	4,324
00522	POWER WIRING, ETC.	80	80071	1990	15,830	15,830	15,830	0	4732	35,232
00523	HEADWORKS ELECTRICAL BUILDING,	80	80080	1990	61,336	61,336	61,336	0	4732	136,511
00524	ROOFING	80	80080	1990	12,376	12,376	12,376	0	4732	27,544
00525	VENTILATION	80	80080	1990	58,429	58,429	58,429	0	4732	130,041
00526	ELECTRICAL	80	80080	1990	4,929	4,929	4,929	0	4732	10,970
00527	POWER WIRING, ETC.	80	80080	1990	246,920	246,920	246,920	0	4732	549,552
00528	PLUMBING	80	80080	1990	2,068	2,068	2,068	0	4732	4,603
00529	BIOFLOCCULATION BLOWER BUILDING,	80	80090	1990	62,207	62,207	41,079	21,128	4732	138,450
00530	ROOFING	80	80090	1990	11,514	11,514	11,514	0	4732	25,626
00531	ELECTRICAL	80	80090	1990	10,621	10,621	7,014	3,607	4732	23,638
00532	VENTILATION	80	80090	1990	35,386	35,386	23,368	12,018	4732	78,756
00533	POWER WIRING, ETC.	80	80090	1990	96,869	96,869	96,869	0	4732	215,595
00535	INSTRUMENTATION ELECTRICAL PANELS	80	80090	1990	113,606	113,606	113,606	0	4732	252,845
00536	MECHANICAL	80	80090	1990	721,613	721,613	721,613	0	4732	1,606,043
00537	HEADWORKS BUILDNG, CLASS B, 9398	80	80100	1990	1,729,341	1,729,341	1,729,341	0	4732	3,848,873
00538	ROOFING	80	80100	1990	12,952	12,952	12,952	0	4732	28,826
00539	ELECTRICAL	80	80100	1990	54,112	54,112	54,112	0	4732	120,433
00540	POWER WIRING, ETC.	80	80100	1990	247,676	247,676	247,676	0	4732	551,235
00541	PIPING	80	80100	1990	722,556	722,556	722,556	0	4732	1,608,142
00542	DIVERSION VAULT EQUIPMENT	80	80100	1990	35,978	35,978	35,978	0	4732	80,074
00544	MONORAIL AND HOIST	80	80100	1990	27,588	27,588	27,588	0	4732	61,401
00545	MECHANICAL EQUIPMENT	80	80100	1990	331,002	331,002	331,002	0	4732	736,688
00546	PRIMARY CLARIFIER #1, CLASS B,	80	80111	1990	342,545	342,545	226,204	116,341	4732	762,378
00547	ELECTRICAL	80	80111	1990	57,566	57,566	57,566	0	4732	128,121
00548	UNDERSLAB PIPING	80	80111	1990	3,598	3,598	2,376	1,222	4732	8,008
00549	FOUNDATION FOR ODOR CONTROL SYSTEM	80	80111	1990	17,090	17,090	17,090	0	4732	38,036
00550	ODOR CONTROL SYSTEM	80	80111	1990	162,947	162,947	162,947	0	4732	362,660
00551	EQUIPMENT	80	80111	1990	151,686	151,686	151,686	0	4732	337,597
00552	PRIMARY CLAIRFIER #2, CLASS B,	80	80112	1990	342,544	342,544	226,204	116,340	4732	762,376
00553	ELECTRICAL	80	80112	1990	57,566	57,566	57,566	0	4732	128,121
00554	UNDERSLAB PIPING	80	80112	1990	3,598	3,598	2,376	1,222	4732	8,008
00555	FOUNDATION FOR ODOR CONTROL SYSTEM	80	80112	1990	17,090	17,090	17,090	0	4732	38,036
00556	ODOR CONTROL SYSTEM	80	80112	1990	162,947	162,947	162,947	0	4732	362,660
00557	EQUIPMENT	80	80112	1990	151,686	151,686	151,686	0	4732	337,597
00558	PRIMARY CLARIFIER #3, CLASS B,	80	80113	1990	342,545	342,545	226,204	116,341	4732	762,378
00559	ELECTRICAL	80	80113	1990	57,566	57,566	57,566	0	4732	128,121

Table A
MRWPCA Capacity Charge Update
Wastewater Fixed Asset Cost Basis

Excludes Water Reclamation Assets

Engineering News-Record Construction Cost Index (20-Cities Avg), January 2017	10531.68

Asset #	Description	Location 1	Location 2	Acquisition Year	Original Cost	Original Cost (w/ Adjustments)	Accumulated Depreciation	Depreciated Cost Basis	ENR-CCI for Acquisition Year	ENR-Adjusted Original Cost (w/ Adjustments)
00560	UNDERSLAB PIPING	80	80113	1990	3,598	3,598	2,376	1,222	4732	8,008
00561	FOUNDATION FOR ODOR CONTROL SYSTEM	80	80113	1990	17,090	17,090	17,090	0	4732	38,036
00562	ODOR CONTROL SYSTEM	80	80113	1990	162,947	162,947	162,947	0	4732	362,660
00563	EQUIPMENT	80	80113	1990	151,686	151,686	151,686	0	4732	337,597
00564	PRIMARY CLARIFIER #4, CLASS B,	80	80114	1990	342,544	342,544	226,204	116,340	4732	762,376
00565	ELECTRICAL	80	80114	1990	57,566	57,566	57,566	0	4732	128,121
00566	UNDERSLAB PIPING	80	80114	1990	3,598	3,598	2,376	1,222	4732	8,008
00567	FOUNDATION FOR ODOR CONTROL SYSTEM	80	80114	1990	17,090	17,090	17,090	0	4732	38,036
00568	ODOR CONTROL SYSTEM	80	80114	1990	162,947	162,947	162,947	0	4732	362,660
00569	EQUIPMENT	80	80114	1990	151,686	151,686	151,686	0	4732	337,597
00570	PRIMARY SLUDGE PUMP STATION, CLASS	80	80120	1990	344,319	344,319	227,376	116,943	4732	766,327
00571	ELECTRICAL	80	80120	1990	11,226	11,226	7,413	3,813	4732	24,985
00572	VENTILATION	80	80120	1990	13,924	13,924	9,195	4,729	4732	30,990
00573	POWER WIRING, ETC.	80	80120	1990	89,514	89,514	89,514	0	4732	199,225
00574	MECHANICAL PIPING	80	80120	1990	449,587	449,587	296,891	152,696	4732	1,000,614
00575	AREA 5, YARD MECHANICAL	80	80120	1990	1,115,721	1,115,721	1,115,721	0	4732	2,483,182
00576	AREA 5, ELECTRICAL	80	80120	1990	71,957	71,957	71,957	0	4732	160,150
00577	SECONDARY CLARIFIER #1, CLASS B,	80	80141	1990	519,868	519,868	343,302	176,566	4732	1,157,034
00578	ELECTRICAL	80	80141	1990	14,391	14,391	14,391	0	4732	32,029
00579	CLARIFIER MECHANISM	80	80141	1990	134,020	134,020	134,020	0	4732	298,279
00580	UNDERGROUND PIPING	80	80141	1990	4,510	4,510	2,978	1,532	4732	10,038
00581	SECONDARY CLARIFIER #2, CLASS B,	80	80142	1990	519,868	519,868	343,302	176,566	4732	1,157,034
00582	ELECTRICAL	80	80142	1990	14,391	14,391	14,391	0	4732	32,029
00583	CLARIFIER MECHANISM	80	80142	1990	134,020	134,020	134,020	0	4732	298,279
00584	UNDERGROUND PIPING	80	80142	1990	4,510	4,510	2,978	1,532	4732	10,038
00585	SECONDARY CLARIFIER #3, CLASS B,	80	80143	1990	519,874	519,874	343,306	176,568	4732	1,157,047
00586	ELECTRICAL	80	80143	1990	14,391	14,391	14,391	0	4732	32,029
00587	CLARIFIER MECHANISM	80	80143	1990	134,020	134,020	134,020	0	4732	298,279
00588	UNDERGROUND PIPING	80	80143	1990	4,509	4,509	2,978	1,531	4732	10,035
00589	SECONDARY CLARIFIER #4, CLASS B,	80	80144	1990	519,867	519,867	343,301	176,566	4732	1,157,031
00590	ELECTRICAL	80	80144	1990	14,391	14,391	14,391	0	4732	32,029
00591	CLARIFIER MECHANISM	80	80144	1990	134,020	134,020	134,020	0	4732	298,279
00592	UNDERGROUND PIPING	80	80144	1990	4,510	4,510	2,978	1,532	4732	10,038
00593	SECONDARY CLARIFIER #5, CLASS B,	80	80145	1990	519,867	519,867	343,301	176,566	4732	1,157,031
00594	ELECTRICAL	80	80145	1990	14,391	14,391	14,391	0	4732	32,029
00595	CLARIFIER MECHANISM	80	80145	1990	134,020	134,020	134,020	0	4732	298,279
00596	UNDERGROUND PIPING	80	80145	1990	4,510	4,510	2,978	1,532	4732	10,038
00597	SECONDARY CLARIFIER #6, CLASS B,	80	80146	1990	520,227	520,227	343,539	176,688	4732	1,157,833
00598	ELECTRICAL	80	80146	1990	14,391	14,391	14,391	0	4732	32,029
00599	CLARIFIER MECHANISM	80	80146	1990	134,020	134,020	134,020	0	4732	298,279
00600	UNDERGROUND PIPING	80	80146	1990	4,510	4,510	2,978	1,532	4732	10,038
00603	SECONDARY FLOW DISTRIBUTION, CLASS	80	80150	1990	828,476	828,476	828,476	0	4732	1,843,881
00604	ELECTRICAL	80	80150	1990	37,982	37,982	37,982	0	4732	84,534
00605	POWER WIRING, ETC.	80	80150	1990	43,606	43,606	43,606	0	4732	97,051
00606	PIPING	80	80150	1990	215,828	215,828	215,828	0	4732	480,353
00607	MECHANICAL EQUIP, PUMPS,	80	80150	1990	535,021	535,021	535,021	0	4732	1,190,759
00608	AREA 1, YARD MECHANICAL	80	80150	1990	351,164	351,164	351,164	0	4732	781,561
00609	AREA 1, ELECTRICAL	80	80150	1990	71,957	71,957	71,957	0	4732	160,150
00610	AREA 2, YARD MECHANICAL	80	80150	1990	533,719	533,719	533,719	0	4732	1,187,861
00611	AREA 2, ELECTRICAL	80	80150	1990	71,957	71,957	71,957	0	4732	160,150
00612	CL2 INJECTION WATER PUMP STATION,	80	80170	1990	203,919	203,919	179,550	24,369	4732	453,848
00613	POWER WIRING, ETC.	80	80170	1990	17,269	17,269	17,269	0	4732	38,434
00614	PIPING	80	80170	1990	71,669	71,669	63,104	8,565	4732	159,509
00615	MECHANICAL EQUIPMENT, PUMPS	80	80170	1990	34,540	34,540	34,540	0	4732	76,873
00616	MANHOLE FLOWMETER, ETC.	80	80170	1990	12,952	12,952	12,952	0	4732	28,826
00617	INSTRUMENTATION ELECTRICAL, PANELS	80	80170	1990	16,550	16,550	16,550	0	4732	36,834
00618	BOOSTER PUMP	80	80170	1990	11,370	11,370	11,370	0	4732	25,305
00619	RECYCLE SUMP-EAST, CLASS B, 121	80	80191	1990	47,779	47,779	31,551	16,228	4732	106,338
00620	PIPING	80	80191	1990	9,355	9,355	6,178	3,177	4732	20,821
00622	RECYCLE SUMP-WEST, CLASS B, 121	80	80192	1990	44,541	44,541	29,413	15,128	4732	99,132
00623	ELECTRICAL	80	80192	1990	3,238	3,238	3,238	0	4732	7,207
00624	EQUIPMENT	80	80192	1990	11,039	11,039	11,039	0	4732	24,569
00625	GRAVITY THICKENER #1, CLASS B,	80	80201	1990	316,733	316,733	209,159	107,574	4732	704,930
00626	PIPING	80	80201	1990	7,289	7,289	4,813	2,476	4732	16,223
00627	ELECTRICAL	80	80201	1990	79,153	79,153	79,153	0	4732	176,165
00628	ODOR CONTROL SYSTEM	80	80201	1990	134,631	134,631	134,631	0	4732	299,639
00629	CHLOR & DECHLOR EQUIPMENT	80	80201	1990	142,137	142,137	142,137	0	4732	316,344
00630	GRAVITY THICKENER #2, CLASS B,	80	80202	1990	315,891	315,891	208,603	107,288	4732	703,056
00631	PIPING	80	80202	1990	7,289	7,289	4,813	2,476	4732	16,223
00632	ELECTRICAL	80	80202	1990	79,153	79,153	79,153	0	4732	176,165
00633	ODOR CONTROL SYSTEM	80	80202	1990	134,631	134,631	134,631	0	4732	299,639
00634	CHLOR & DECHLOR EQUIPMENT	80	80202	1990	142,137	142,137	142,137	0	4732	316,344
00635	ANEROBIC DIGESTER #1, CLASS B,	80	80211	1990	1,076,243	1,076,243	947,630	128,613	4732	2,395,318
00636	ELECTRICAL BUILDING	80	80211	1990	1,799	1,799	1,584	215	4732	4,004
00637	POWER WIRING, ETC.	80	80211	1990	12,592	12,592	12,592	0	4732	28,025
00638	PIPING	80	80211	1990	44,843	44,843	39,484	5,359	4732	99,804
00640	DIGESTER EQUIPMENT	80	80211	1990	118,009	118,009	118,009	0	4732	262,644
00641	ANEROBIC DIGESTER #2, CLASS B,	80	80212	1990	1,076,246	1,076,246	947,632	128,614	4732	2,395,325
00642	ELECTRICAL BUILDING	80	80212	1990	1,799	1,799	1,584	215	4732	4,004
00643	POWER WIRING, ETC.	80	80212	1990	12,592	12,592	12,592	0	4732	28,025
00644	PIPING	80	80212	1990	44,843	44,843	39,484	5,359	4732	99,804

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Asset #	Description	Location 1	Location 2	Acquisition Year	Original Cost	Original Cost (w/ Adjustments)	Accumulated Depreciation	Depreciated Cost Basis	ENR-CCI for Acquisition Year	ENR-Adjusted Original Cost (w/ Adjustments)
00646	DIGESTER EQUIPMENT	80	80212	1990	118,009	118,009	118,009	0	4732	262,644
00647	ANEROBIC DIGESTER #3, CLASS B,	80	80213	1990	1,088,470	1,088,470	958,395	130,075	4732	2,422,531
00648	ELECTRICAL BUILDING	80	80213	1990	1,799	1,799	1,584	215	4732	4,004
00649	POWER WIRING, ETC.	80	80213	1990	12,592	12,592	12,592	0	4732	28,025
00650	PIPING	80	80213	1990	44,843	44,843	39,484	5,359	4732	99,804
00652	DIGESTER EQUIPMENT	80	80213	1990	118,009	118,009	118,009	0	4732	262,644
00653	ANEROBIC DIGESTER #4, CLASS B,	80	80214	1990	1,088,470	1,088,470	958,395	130,075	4732	2,422,531
00654	ELECTRICAL BUILDING	80	80214	1990	1,799	1,799	1,584	215	4732	4,004
00655	POWER WIRING, ETC.	80	80214	1990	12,592	12,592	12,592	0	4732	28,025
00656	PIPING	80	80214	1990	44,843	44,843	39,484	5,359	4732	99,804
00658	DIGESTER EQUIPMENT	80	80214	1990	118,009	118,009	118,009	0	4732	262,644
00659	(2) SLUDGE LAGOON, ROCK BOTTOM,	80	80220	1990	510,895	510,895	269,905	240,990	4732	1,137,063
00660	NORTH LAGOON LINER	80	80220	1990	143,914	143,914	143,914	0	4732	320,299
00661	SPLASH PADS, HOSE CONN	80	80220	1990	29,734	29,734	29,734	0	4732	66,177
00662	SOUTH LAGOON LINER	80	80220	1990	143,914	143,914	143,914	0	4732	320,299
00663	LAGOON PIPING	80	80220	1990	215,066	215,066	215,066	0	4732	478,657
00664	PERIMETER FENCE	80	80220	1990	71,957	71,957	71,957	0	4732	160,150
00665	(4) DRYING BEDS, ASPHALT LINED,	80	80221	1990	4,215,357	4,215,357	2,226,963	1,988,394	4732	9,381,824
00666	12' PIPE	80	80221	1990	8,635	8,635	8,635	0	4732	19,218
00667	DRAIN ROCK AND PIPE	80	80221	1990	230,262	230,262	230,262	0	4732	512,478
00668	(4) POLY TRENCH LINER	80	80221	1990	230,262	230,262	230,262	0	4732	512,478
00669	SLUDGE LAGOON PUMPING SYSTEM	80	80221	1990	14,391	14,391	14,391	0	4732	32,029
00670	(4) FABRIC FILTER	80	80221	1990	57,566	57,566	57,566	0	4732	128,121
00671	BIOFLOCCULATION BASIN #1, CLASS B,	80	80251	1990	1,153,205	1,153,205	761,535	391,670	4732	2,566,607
00672	POWER WIRING, ETC.	80	80251	1990	4,893	4,893	4,893	0	4732	10,890
00673	PIPING	80	80251	1990	68,114	68,114	44,980	23,134	4732	151,597
00674	SLUICE/SLIDE GATE	80	80251	1990	37,812	37,812	37,812	0	4732	84,156
00675	MECHANICAL EQUIPMENT	80	80251	1990	3,900	3,900	3,900	0	4732	8,680
00676	BIOFLOCCULATION BASIN #2, CLASS B,	80	80252	1990	1,153,205	1,153,205	761,535	391,670	4732	2,566,607
00677	POWER WIRING, ETC.	80	80252	1990	4,893	4,893	4,893	0	4732	10,890
00678	PIPING	80	80252	1990	68,114	68,114	44,980	23,134	4732	151,597
00679	SLUICE/SLIDE GATE	80	80252	1990	37,812	37,812	37,812	0	4732	84,156
00680	BIOFLOCCULATION BASIN #3, CLASS B,	80	80253	1990	1,153,203	1,153,203	761,533	391,670	4732	2,566,603
00681	POWER WIRING, ETC.	80	80253	1990	4,893	4,893	4,893	0	4732	10,890
00682	PIPING	80	80253	1990	68,114	68,114	44,980	23,134	4732	151,597
00683	SLUICE/SLIDE GATE	80	80253	1990	37,812	37,812	37,812	0	4732	84,156
00684	MECHANICAL EQUIPMENT	80	80253	1990	3,900	3,900	3,900	0	4732	8,680
00685	THICKENED SLUDGE PUMP STATION,	80	80280	1990	89,890	89,890	59,360	30,530	4732	200,062
00686	ELECTRICAL	80	80280	1990	76,390	76,390	76,390	0	4732	170,016
00687	POWER WIRING, ETC.	80	80280	1990	143,914	143,914	143,914	0	4732	320,299
00688	INSTRUMENTATION ELECTRICAL, PANEL	80	80280	1990	97,923	97,923	97,923	0	4732	217,940
00689	GATES/PUMPS	80	80280	1990	419,546	419,546	419,546	0	4732	933,754
00690	ELECTRIC MOTOR	80	80280	1990	4,137	4,137	4,137	0	4732	9,207
00691	MECHANICAL EQUIPMENT	80	80280	1990	443,355	443,355	443,355	0	4732	986,744
00692	STORM RETENTION POND	80	80290	1990	167,865	167,865	88,682	79,183	4732	373,605
00693	LINER	80	80290	1990	76,418	76,418	76,418	0	4732	170,078
00694	PIPING	80	80290	1990	14,535	14,535	14,535	0	4732	32,350
00695	(2) 10' GATES	80	80290	1990	323	323	323	0	4732	719
00696	LOW PRESSURE GAS STORAGE TANK,	80	80301	1990	24,816	24,816	24,816	0	4732	55,231
00697	PIPING	80	80301	1990	4,318	4,318	4,318	0	4732	9,610
00698	PIPING UNDERGROUND	80	80301	1990	935	935	935	0	4732	2,081
00734	MECHANICAL EQUIPMENT	80	80252	1990	3,900	3,900	3,900	0	4732	8,680
01131	WET WELL LEVEL	26	2699	1985	12,896	12,896	9,860	3,037	4195	32,376
01688	POWER GENERATION EQUIPMENT	80	80040	1989	2,391	2,391	2,391	0	4615	5,456
01689	POWER GENERATION EQUIPMENT	80	80040	1989	4,283	4,283	4,283	0	4615	9,774
03181	MONTEREY PUMP STATION, CLASS B,	1	101	1990	480,133	480,133	317,062	163,071	4732	1,068,598
03186	PUMPS, FAB/DEL AND INSTALL	1	101	1990	201,480	201,480	201,480	0	4732	448,420
03187	SURGE ARRESTORS, FAB/DEL AND	1	101	1990	83,471	83,471	83,471	0	4732	185,776
03188	ELECTRICAL CONDUIT, CONDUCTOR,	1	101	1990	101,424	101,424	101,424	0	4732	225,732
03189	TELEMETRY CONDIUT	1	101	1990	777	777	777	0	4732	1,729
03190	PUMP SEQUENCE CHANGE	1	101	1990	12,248	12,248	12,248	0	4732	27,260
03193	FENCING	1	199	1990	14,391	14,391	14,391	0	4732	32,029
03194	PAVING	1	199	1990	14,391	14,391	14,391	0	4732	32,029
03195	PIPING	1	199	1990	39,874	39,874	26,332	13,542	4732	88,745
03198	SEASIDE PUMP STATION, SITEWORK,	23	2301	1990	158,305	158,305	104,539	53,766	4732	352,328
03207	PAVING	23	2399	1990	13,671	13,671	13,671	0	4732	30,427
03208	VITRIFIED CLAY PIPE	23	2399	1990	66,912	66,912	44,186	22,726	4732	148,921
03218	FORT ORD PUMP STATION SITEWORK,	24	2401	1990	20,148	20,148	13,305	6,843	4732	44,842
03220	VITRIFIED CLAY PIPE	24	2499	1990	12,962	12,962	8,560	4,402	4732	28,849
03225	CASTROVILLE PUMP STATION, SITEWORK	25	2501	1990	62,214	62,214	41,084	21,130	4732	138,465
03227	VITRIFIED CLAY PIPE	25	2599	1990	10,074	10,074	6,652	3,422	4732	22,421
03228	FENCING, APPROX 292 LIN. FT	26	2699	1985	5,092	5,092	5,092	0	4195	12,784
03230	SALI NAS PUMP STATION, CLEARING,	27	2701	1990	496,839	496,839	328,094	168,745	4732	1,105,780
03233	TRENCH AND BACKFILL	27	2799	1990	719,569	719,569	475,177	244,392	4732	1,601,494
03234	SEWER LINING	27	2799	1990	244,654	244,654	161,561	83,093	4732	544,509
03235	PAVING	27	2799	1990	107,935	107,935	107,935	0	4732	240,223
03236	SEWER REHAB, TESTING, WORK PLAN,	27	2799	1990	671,747	671,747	443,597	228,150	4732	1,495,060
03237	DUCTILE IRON PIPE	27	2799	1990	5,037	5,037	3,326	1,711	4732	11,210
03238	VITRIFIED CLAY PIPE	27	2799	1990	187,088	187,088	123,546	63,542	4732	416,389
03239	CONCRETE PIPE	27	2799	1990	280,632	280,632	185,319	95,313	4732	624,583
03240	REALIGN MANHOLE, SG REPAIR	27	2799	1990	163,414	163,414	107,913	55,501	4732	363,699

Table A
MRWPCA Capacity Charge Update
Wastewater Fixed Asset Cost Basis

Excludes Water Reclamation Assets

Engineering News-Record Construction Cost Index (20-Cities Avg), January 2017	10531.68

Asset #	Description	Location 1	Location 2	Acquisition Year	Original Cost	Original Cost (w/ Adjustments)	Accumulated Depreciation	Depreciated Cost Basis	ENR-CCI for Acquisition Year	ENR-Adjusted Original Cost (w/ Adjustments)
03243	VEHICLE, SLUDGE LOADING (C0177)	80	0	1990	260,967	260,967	260,967	0	4732	580,816
03244	SYSTEM, TELEMETRY, INCLUDING (2)	80	80010	1990	139,165	139,165	139,165	0	4732	309,730
03246	FUME, HOOD, LABCONCO, S/N N/A	80	80010	1990	10,758	10,758	10,758	0	4732	23,943
03247	FUME, HOOD, LABCONCO, S/N N/A	80	80010	1990	10,758	10,758	10,758	0	4732	23,943
03248	FUME, HOOD, LABCONCO, S/N N/A	80	80010	1990	10,758	10,758	10,758	0	4732	23,943
03249	CENTRIFUGE, DYNAC, CLAY ADAM	80	80010	1990	3,700	3,700	3,700	0	4732	8,235
03255	REFER TO 7 S/N FKD06171	80	80010	1990	10,758	10,758	10,758	0	4732	23,943
03256	WATER BATH, BLUE M, CONSTANT TEMP	80	80010	1990	7,685	7,685	7,685	0	4732	17,104
03260	KEDJAHL, LABCONCO	80	80010	1990	16,906	16,906	16,906	0	4732	37,626
03262	AIR SUPPLY FOR SPECTROPHOTOMETER	80	80010	1990	2,371	2,371	2,371	0	4732	5,277
03266	LIFT, AUTOMATIVE, GRAND MDL TR50K,	80	80020	1990	38,856	38,856	38,856	0	4732	86,479
03278	OVERHEAD CRANE	80	80040	1990	74,611	74,611	74,611	0	4732	166,056
03279	UNDERGROUND PIPING	80	80040	1990	225,015	225,015	148,592	76,423	4732	500,800
03280	DUAL FUEL BURNER	80	80040	1990	21,026	21,026	21,026	0	4732	46,796
03281	EQUIPMENT FOUNDATIONS	80	80040	1990	95,307	95,307	95,307	0	4732	212,118
03283	SYSTEM, GENERATOR, METHANE GAS,	80	80040	1990	939,109	939,109	939,109	0	4732	2,090,109
03284	SYSTEM, GENERATOR, METHANE GAS,	80	80040	1990	939,109	939,109	939,109	0	4732	2,090,109
03285	SYSTEM, GENERATOR, METHANE GAS,	80	80040	1990	939,109	939,109	939,109	0	4732	2,090,109
03286	COMPRESSOR, GAS, GARDNER DENVER,	80	80040	1990	97,647	97,647	97,647	0	4732	217,326
03287	COMPRESSOR, GAS, GARDNER DENVER,	80	80040	1990	97,647	97,647	97,647	0	4732	217,326
03288	COMPRESSOR, AIR, GARDNER - DENVER	80	80040	1990	20,679	20,679	20,679	0	4732	46,024
03289	COMPRESSOR, AIR, GARDNER - DENVER	80	80040	1990	20,679	20,679	20,679	0	4732	46,024
03290	COMPRESSOR, AIR, SEMBLEX	80	80040	1990	17,232	17,232	17,232	0	4732	38,352
03291	COMPRESSOR, AIR, SEMBLEX	80	80040	1990	17,232	17,232	17,232	0	4732	38,352
03296	INSTRUMENTATION ELECTRICAL, PANELS	80	80050	1990	35,402	35,402	35,402	0	4732	78,792
03297	CHLORINE BOOSTER PUMP	80	80050	1990	3,516	3,516	3,516	0	4732	7,825
03298	MONORAIL CRANE	80	80050	1990	36,970	36,970	36,970	0	4732	82,282
03299	UNDERGROUND PIPING	80	80050	1990	92,105	92,105	81,098	11,007	4732	204,992
03300	AREA 4, YARD MECHANICAL	80	80060	1990	1,549,405	1,549,405	1,549,405	0	4732	3,448,402
03301	AREA 4, ELECTRICAL	80	80060	1990	160,644	160,644	160,644	0	4732	357,534
03302	UNDERGROUND PIPING	80	80060	1990	22,566	22,566	14,902	7,664	4732	50,224
03303	INSTRUMENTATION ELECTRICAL, PANEL	80	80060	1990	97,285	97,285	97,285	0	4732	216,520
03304	INSTRUMENTATION ELECTRICAL, PANEL	80	80070	1990	133,839	133,839	133,839	0	4732	297,876
03305	AREA 6, YARD MECHANICAL	80	80070	1990	567,884	567,884	567,884	0	4732	1,263,900
03306	AREA 6, ELECTRICAL	80	80070	1990	71,957	71,957	71,957	0	4732	160,150
03307	DIGESTER BLDG MECHANICAL	80	80070	1990	132,421	132,421	132,421	0	4732	294,720
03308	DIGESTER EQUIPMENT	80	80070	1990	320,935	320,935	320,935	0	4732	714,282
03309	DIGESTER EQUIPMENT	80	80070	1990	311,142	311,142	311,142	0	4732	692,487
03311	GAS ISOLATION VALUES	80	80070	1990	3,742	3,742	3,742	0	4732	8,328
03312	UNDERGROUND PIPING	80	80070	1990	134,473	134,473	118,777	15,696	4732	299,287
03313	INSTRUMENTATION ELECTRICAL, PANELS	80	80100	1990	146,504	146,504	146,504	0	4732	326,064
03315	STOP LOG GATES	80	80100	1990	33,820	33,820	33,820	0	4732	75,271
03316	VALUES, GATES AT SPLIT FLOW	80	80100	1990	70,931	70,931	70,931	0	4732	157,866
03318	RETAINING WALL NORTH OF HEADWORKS	80	80100	1990	2,334	2,334	2,334	0	4732	5,195
03319	PRIMARY CLARIFIER #5 CLASS B,	80	80115	1990	800,964	800,964	528,928	272,036	4732	1,782,649
03321	PIPING, VALUES	80	80120	1990	283,690	283,690	187,338	96,352	4732	631,389
03322	SCUM DEWATER SYSTEM	80	80120	1990	128,380	128,380	128,380	0	4732	285,726
03323	FLOW METER RELOCATE	80	80120	1990	1,959	1,959	1,959	0	4732	4,360
03324	SLUDGE PUMPING SYSTEM	80	80120	1990	129,523	129,523	129,523	0	4732	288,270
03325	INSTRUMENTATION ELECTRICAL, PANEL	80	80120	1990	37,849	37,849	37,849	0	4732	84,238
03326	TRICKLING FILTER TOWER 1,2,3 CLASS	80	80131	1990	2,896,288	2,896,288	1,912,604	983,684	4732	6,446,065
03327	GATES & OPERATORS	80	80131	1990	93,977	93,977	93,977	0	4732	209,158
03328	TRICKLING FILTER #1 MECHANISM	80	80131	1990	61,739	61,739	61,739	0	4732	137,408
03329	TRICKLING FILTER #2 MECHANISM	80	80131	1990	60,659	60,659	60,659	0	4732	135,004
03330	TRICKLING FILTER #3 MECHANISM	80	80131	1990	61,739	61,739	61,739	0	4732	137,408
03331	VALVES & REGULATORS	80	80131	1990	19,572	19,572	12,924	6,648	4732	43,560
03332	FILTER MEDIA AT FILTER 1	80	80131	1990	312,192	312,192	312,192	0	4732	694,824
03333	FILTER MEDIA AT FILTER 2	80	80131	1990	312,192	312,192	312,192	0	4732	694,824
03334	FILTER MEDIA AT FILTER 3	80	80131	1990	312,194	312,194	312,194	0	4732	694,828
03335	ELECTRICAL AT FILTER 1	80	80131	1990	22,163	22,163	22,163	0	4732	49,327
03336	ELECTRICAL AT FILTER 2	80	80131	1990	20,723	20,723	20,723	0	4732	46,122
03337	ELECTRICAL AT FILTER 3	80	80131	1990	21,875	21,875	21,875	0	4732	48,686
03338	TRICKLING FILTER TOWER VENT GATE	80	80131	1990	15,111	15,111	15,111	0	4732	33,631
03339	HARMONIC FILTERS	80	80131	1990	82,454	82,454	82,454	0	4732	183,512
03340	ODOR CONTROL SYSTEMS	80	80131	1990	1,498,935	1,498,935	1,498,935	0	4732	3,336,074
03341	TRICKLING, FILTER TOWER 4,5,6 CLASS	80	80132	1990	2,897,941	2,897,941	1,913,695	984,246	4732	6,449,744
03342	GATES & OPERATORS	80	80132	1990	91,470	91,470	91,470	0	4732	203,578
03343	TRICKLING FILTER #4 MECHANISM	80	80132	1990	61,739	61,739	61,739	0	4732	137,408
03344	TRICKLING FILTER #5 MECHANISM	80	80132	1990	60,659	60,659	60,659	0	4732	135,004
03345	TRICKLING FILTER #6 MECHANISM	80	80132	1990	61,739	61,739	61,739	0	4732	137,408
03346	VALVES & REGULATORS	80	80132	1990	19,572	19,572	12,924	6,648	4732	43,560
03347	FILTER MEDIA AT FILTER 4	80	80132	1990	312,192	312,192	312,192	0	4732	694,824
03348	FILTER MEDIA AT FILTER 5	80	80132	1990	312,192	312,192	312,192	0	4732	694,824
03349	FILTER MEDIA AT FILTER 6	80	80132	1990	312,192	312,192	312,192	0	4732	694,824
03350	ELECTRICAL AT FILTER 4	80	80132	1990	22,163	22,163	22,163	0	4732	49,327
03351	ELECTRICAL AT FILTER 5	80	80132	1990	20,723	20,723	20,723	0	4732	46,122
03352	ELECTRICAL AT FILTER 6	80	80132	1990	21,875	21,875	21,875	0	4732	48,686
03353	TRICKLING FILTER TOWER VENT GATE	80	80132	1990	15,965	15,965	15,965	0	4732	35,532
03354	HARMONIC FILTERS	80	80132	1990	82,455	82,455	54,450	28,005	4732	183,514
03355	ODOR CONTROL SYSTEMS	80	80132	1990	1,498,935	1,498,935	1,498,935	0	4732	3,336,074
03356	SECONDARY EFFLUENT RAPID MIX, CLASS	80	80160	1990	420,894	420,894	277,943	142,951	4732	936,754

Table A
MRWPCA Capacity Charge Update
Wastewater Fixed Asset Cost Basis

Excludes Water Reclamation Assets

Engineering News-Record Construction Cost Index (20-Cities Avg), January 2017 10531.68

Asset #	Description	Location 1	Location 2	Acquisition Year	Original Cost	Original Cost (w/ Adjustments)	Accumulated Depreciation	Depreciated Cost Basis	ENR-CCI for Acquisition Year	ENR-Adjusted Original Cost (w/ Adjustments)
03357	MECHANICAL EQUIPMENT PUMPS	80	80160	1990	53,910	53,910	53,910	0	4732	119,984
03358	INSTRUMENTATION ELECTRICAL, PANELS	80	80160	1990	93,832	93,832	93,832	0	4732	208,835
03359	PE LINE CROSSING 60 OUTFALL	80	80180	1990	935	935	330	605	4732	2,081
03360	ODOR CONTROL SYSTEMS, SCRUBBERS ON	80	80230	1990	639,014	639,014	639,014	0	4732	1,422,209
03361	HIGH PRESSURE GAS STORAGE TANK	80	80302	1990	9,059	9,059	9,059	0	4732	20,162
03362	GAS TANK, HIGH PRESSURE	80	80302	1990	294,160	294,160	294,160	0	4732	654,691
03372	PRIMARY INFLUENT STRUCTURE, CLASS S	80	80320	1990	52,361	52,361	52,361	0	4732	116,536
03373	SWITCHGEAR	80	80320	1990	1,123,248	1,123,248	1,123,248	0	4732	2,499,934
03374	INFLUENT PUMPING	80	80320	1990	987,802	987,802	987,802	0	4732	2,198,482
03375	PRIMARY EQUIPMENT	80	80320	1990	256,830	256,830	256,830	0	4732	571,608
03379	AREA 8, YARD MECHANICAL	80	80340	1990	50,946	50,946	50,946	0	4732	113,387
03380	AREA 8, ELECTRICAL	80	80340	1990	71,957	71,957	71,957	0	4732	160,150
03382	PIPING TO DISPENSER	80	80340	1990	8,635	8,635	8,635	0	4732	19,218
03383	FUEL PUMP	80	80340	1990	13,754	13,754	13,754	0	4732	30,611
03384	WASTE GAS BURNERS	80	80350	1990	5,015	5,015	5,015	0	4732	11,162
03385	UNDERGROUND GAS LINES	80	80350	1990	7,031	7,031	7,031	0	4732	15,648
03386	MAIN PLANT ACCESS ROAD	80	80990	1990	970,131	970,131	970,131	0	4732	2,159,152
03387	FENCING AND GATES	80	80990	1990	151,048	151,048	151,048	0	4732	336,177
03388	DRAINAGE DITCHES	80	80990	1990	178,043	178,043	178,043	0	4732	396,258
03389	IRRIGATION SYSTEM	80	80990	1990	110,244	110,244	110,244	0	4732	245,362
03390	LANDSCAPING	80	80990	1990	127,454	127,454	127,454	0	4732	283,665
03391	WELL	80	80990	1990	56,777	56,777	37,494	19,283	4732	126,365
03392	PIPING	80	80990	1990	27,712	27,712	18,300	9,412	4732	61,677
03393	GATE VALVES AT WET HYDRANTS	80	80990	1990	7,417	7,417	4,898	2,519	4732	16,507
03394	YARD LIGHTING	80	80990	1990	8,477	8,477	8,477	0	4732	18,867
03395	GRADING	80	80990	1990	3,238	3,238	2,138	1,100	4732	7,207
00393	BUILDING, PUMP STATION NO. 25,	25	2501	1983	0	0	0	0	4066	0
00394	BUILDING	25	2501	1983	848,910	848,910	693,231	155,679	4066	2,198,831
00395	TILE	25	2501	1983	13,978	13,978	11,415	2,563	4066	36,206
00396	4" PVC	25	2501	1983	529	529	432	97	4066	1,370
00397	BUILDING	25	2501	1983	920	920	751	169	4066	2,383
00398	18" CMP	25	2501	1983	4,798	4,798	3,918	880	4066	12,428
00399	NO. 6	25	2501	1983	16,398	16,398	13,391	3,007	4066	42,474
00400	24"	25	2501	1983	28,037	28,037	22,895	5,142	4066	72,621
00401	BUILDING	25	2501	1983	4,598	4,598	3,755	843	4066	11,910
00402	NO. 7	25	2501	1983	16,398	16,398	13,391	3,007	4066	42,474
00403	18" VCP	25	2501	1983	34,089	34,089	27,838	6,251	4066	88,297
00404	BUILDING	25	2501	1983	16,737	16,737	13,668	3,069	4066	43,352
00405	BUILDING	25	2501	1983	23,064	23,064	18,834	4,230	4066	59,740
00406	BUILDING	25	2501	1983	6,803	6,803	5,555	1,248	4066	17,621
00407	2" GSP	25	2501	1983	8,517	8,517	6,955	1,562	4066	22,061
00408	PROPERTY IMPROVEMENT	25	2501	1983	6,803	6,803	5,555	1,248	4066	17,621
00409	PROPERTY IMPROVEMENT	25	2501	1983	5,058	5,058	4,130	928	4066	13,101
00410	PROPERTY IMPROVEMENT	25	2501	1983	1,000	1,000	817	183	4066	2,590
00411	PROPERTY IMPROVEMENT	25	2501	1983	920	920	751	169	4066	2,383
00412	PROPERTY IMPROVEMENT	25	2501	1983	12,794	12,794	10,448	2,346	4066	33,139
00413	PROPERTY IMPROVEMENT	25	2501	1983	3,127	3,127	2,554	573	4066	8,099
00414	PROPERTY IMPROVEMENT	25	2501	1983	1,839	1,839	1,502	337	4066	4,763
00415	MOTOR CONTROL CENTER-DOOR PANEL	25	2501	1983	9,288	9,288	7,585	1,703	4066	24,058
00416	CRANE, 7 1/2 TONS, 12 HP	25	2501	1983	39,785	39,785	32,489	7,296	4066	103,050
00417	CRANE	25	2501	1983	500	500	408	92	4066	1,295
00418	FENCING, APPROX. 380 LIN. FT.	25	2599	1983	0	0	0	0	4066	0
00419	8' HIGH CHAIN LINK	25	2599	1983	6,437	6,437	5,256	1,181	4066	16,673
00845	INTERCEPTOR APPURTENANCES	25	2599	1983	2,166	2,166	1,415	751	4066	5,610
00846	INTERCEPTOR APPURTENANCES	25	2599	1983	1,020	1,020	666	354	4066	2,642
00847	INTERCEPTOR APPURTENANCES	25	2599	1983	1,401	1,401	915	486	4066	3,629
00848	INTERCEPTOR APPURTENANCES	25	2599	1983	3,439	3,439	2,246	1,193	4066	8,908
00849	INTERCEPTOR APPURTENANCES	25	2599	1983	1,020	1,020	666	354	4066	2,642
00850	INTERCEPTOR APPURTENANCES	25	2599	1983	1,401	1,401	915	486	4066	3,629
00851	INTERCEPTOR APPURTENANCES	25	2599	1983	3,439	3,439	2,246	1,193	4066	8,908
00852	INTERCEPTOR APPURTENANCES	25	2599	1983	2,166	2,166	1,415	751	4066	5,610
00853	INTERCEPTOR APPURTENANCES	25	2599	1983	1,020	1,020	666	354	4066	2,642
00854	INTERCEPTOR APPURTENANCES	25	2599	1983	1,273	1,273	832	441	4066	3,297
00855	INTERCEPTOR APPURTENANCES	25	2599	1983	7,134	7,134	4,661	2,473	4066	18,478
00856	INTERCEPTOR APPURTENANCES	25	2599	1983	2,166	2,166	1,415	751	4066	5,610
00857	INTERCEPTOR APPURTENANCES	25	2599	1983	1,020	1,020	666	354	4066	2,642
00858	INTERCEPTOR APPURTENANCES	25	2599	1983	1,273	1,273	832	441	4066	3,297
00859	INTERCEPTOR APPURTENANCES	25	2599	1983	7,134	7,134	4,661	2,473	4066	18,478
00860	INTERCEPTOR APPURTENANCES	25	2599	1983	2,166	2,166	1,415	751	4066	5,610
00861	INTERCEPTOR APPURTENANCES	25	2599	1983	1,020	1,020	666	354	4066	2,642
00862	INTERCEPTOR APPURTENANCES	25	2599	1983	1,273	1,273	832	441	4066	3,297
00863	INTERCEPTOR APPURTENANCES	25	2599	1983	1,020	1,020	666	354	4066	2,642
00864	INTERCEPTOR APPURTENANCES	25	2599	1983	1,401	1,401	915	486	4066	3,629
00865	INTERCEPTOR APPURTENANCES	25	2599	1983	3,439	3,439	2,246	1,193	4066	8,908
00866	INTERCEPTOR APPURTENANCES	25	2599	1983	2,166	2,166	1,415	751	4066	5,610
00986	INTERCEPTOR APPURTENANCES	25	2599	1983	631,040	631,040	412,254	218,786	4066	1,634,508
00987	INTERCEPTOR APPURTENANCES	25	2599	1983	83,842	83,842	54,773	29,069	4066	217,166
00988	INTERCEPTOR APPURTENANCES	25	2599	1983	933,432	933,432	609,805	323,627	4066	2,417,759
01056	INFLUENT CHANNELS & BARMINUTOR	25	2599	1983	690	690	563	127	4066	1,787
01057	INFLUENT CHANNELS & BARMINUTOR	25	2599	1983	690	690	563	127	4066	1,787
01058	INFLUENT CHANNELS & BARMINUTOR	25	2599	1983	1,250	1,250	1,021	229	4066	3,238

Table A
MRWPCA Capacity Charge Update
Wastewater Fixed Asset Cost Basis

Excludes Water Reclamation Assets

Engineering News-Record Construction Cost Index (20-Cities Avg), January 2017 | 10531.68

Asset #	Description	Location 1	Location 2	Acquisition Year	Original Cost	Original Cost (w/ Adjustments)	Accumulated Depreciation	Depreciated Cost Basis	ENR-CCI for Acquisition Year	ENR-Adjusted Original Cost (w/ Adjustments)
01059	INFLUENT CHANNELS & BARMINUTOR	25	2599	1983	1,249	1,249	1,020	229	4066	3,235
01096	INFLUENT CHANNELS & BARMINUTOR	25	2599	1983	2,759	2,759	2,253	506	4066	7,146
01097	INFLUENT CHANNELS & BARMINUTOR	25	2599	1983	500	500	408	92	4066	1,295
01098	INFLUENT CHANNELS & BARMINUTOR	25	2599	1983	828	828	676	152	4066	2,145
01113	WET WELL LEVEL	25	2599	1983	613	613	501	112	4066	1,588
01114	WET WELL LEVEL	25	2599	1983	613	613	501	112	4066	1,588
01115	WET WELL LEVEL	25	2599	1983	613	613	501	112	4066	1,588
01116	WET WELL LEVEL	25	2599	1983	500	500	408	92	4066	1,295
01238	MAIN SEWAGE PUMPS	25	2599	1983	1,379	1,379	1,379	0	4066	3,572
01239	MAIN SEWAGE PUMPS	25	2599	1983	786	786	786	0	4066	2,036
01240	MAIN SEWAGE PUMPS	25	2599	1983	786	786	786	0	4066	2,036
01241	MAIN SEWAGE PUMPS	25	2599	1983	786	786	786	0	4066	2,036
01242	MAIN SEWAGE PUMPS	25	2599	1983	4,378	4,378	4,378	0	4066	11,340
01243	MAIN SEWAGE PUMPS	25	2599	1983	4,378	4,378	4,378	0	4066	11,340
01244	MAIN SEWAGE PUMPS	25	2599	1983	2,759	2,759	2,759	0	4066	7,146
01245	MAIN SEWAGE PUMPS	25	2599	1983	2,299	2,299	2,299	0	4066	5,955
01246	MAIN SEWAGE PUMPS	25	2599	1983	3,495	3,495	3,495	0	4066	9,053
01247	MAIN SEWAGE PUMPS	25	2599	1983	2,759	2,759	2,759	0	4066	7,146
01248	MAIN SEWAGE PUMPS	25	2599	1983	1,839	1,839	1,839	0	4066	4,763
01249	MAIN SEWAGE PUMPS	25	2599	1983	2,299	2,299	2,299	0	4066	5,955
01250	MAIN SEWAGE PUMPS	25	2599	1983	3,495	3,495	3,495	0	4066	9,053
01251	MAIN SEWAGE PUMPS	25	2599	1983	3,145	3,145	3,145	0	4066	8,146
01252	MAIN SEWAGE PUMPS	25	2599	1983	3,145	3,145	3,145	0	4066	8,146
01253	MAIN SEWAGE PUMPS	25	2599	1983	3,145	3,145	3,145	0	4066	8,146
01254	MAIN SEWAGE PUMPS	25	2599	1983	3,145	3,145	3,145	0	4066	8,146
01255	MAIN SEWAGE PUMPS	25	2599	1983	500	500	500	0	4066	1,295
01256	MAIN SEWAGE PUMPS	25	2599	1983	500	500	500	0	4066	1,295
01257	MAIN SEWAGE PUMPS	25	2599	1983	786	786	786	0	4066	2,036
01344	MAIN SEWAGE PUMPS	25	2599	1983	3,682	3,682	3,682	0	4066	9,537
01345	MAIN SEWAGE PUMPS	25	2599	1983	3,682	3,682	3,682	0	4066	9,537
01346	MAIN SEWAGE PUMPS	25	2599	1983	3,682	3,682	3,682	0	4066	9,537
01347	MAIN SEWAGE PUMPS	25	2599	1983	3,682	3,682	3,682	0	4066	9,537
01365	MAIN SEWAGE PUMPS	25	2599	1983	22,988	22,988	22,988	0	4066	59,543
01366	MAIN SEWAGE PUMPS	25	2599	1983	1,839	1,839	1,839	0	4066	4,763
01367	MAIN SEWAGE PUMPS	25	2599	1983	10,116	10,116	10,116	0	4066	26,202
01368	MAIN SEWAGE PUMPS	25	2599	1983	1,839	1,839	1,839	0	4066	4,763
01396	SEAL WATER SYSTEMS	25	2599	1983	690	690	690	0	4066	1,787
01397	SEAL WATER SYSTEMS	25	2599	1983	1,839	1,839	1,839	0	4066	4,763
01417	FLOW METERING SYSTEM	25	2599	1983	4,598	4,598	4,598	0	4066	11,910
01418	FLOW METERING SYSTEM	25	2599	1983	500	500	500	0	4066	1,295
01419	FLOW METERING SYSTEM	25	2599	1983	3,127	3,127	3,127	0	4066	8,099
01420	FLOW METERING SYSTEM	25	2599	1983	3,127	3,127	3,127	0	4066	8,099
01439	FLOW METERING SYSTEM	25	2599	1983	1,380	1,380	1,380	0	4066	3,574
01440	FLOW METERING SYSTEM	25	2599	1983	1,380	1,380	1,380	0	4066	3,574
01441	FLOW METERING SYSTEM	25	2599	1983	29,067	29,067	29,067	0	4066	75,289
01442	FLOW METERING SYSTEM	25	2599	1983	500	500	500	0	4066	1,295
01512	PIG LAUNCHING FACILITIES	25	2599	1983	500	500	500	0	4066	1,295
01513	PIG LAUNCHING FACILITIES	25	2599	1983	1,839	1,839	1,839	0	4066	4,763
01514	PIG LAUNCHING FACILITIES	25	2599	1983	3,862	3,862	3,862	0	4066	10,003
01515	PIG LAUNCHING FACILITIES	25	2599	1983	3,127	3,127	3,127	0	4066	8,099
01528	PIG LAUNCHING FACILITIES	25	2599	1983	13,794	13,794	13,794	0	4066	35,729
01529	PIG LAUNCHING FACILITIES	25	2599	1983	1,378	1,378	1,378	0	4066	3,569
01554	SUMP PUMPS	25	2599	1983	500	500	500	0	4066	1,295
01555	SUMP PUMPS	25	2599	1983	500	500	500	0	4066	1,295
01556	SUMP PUMPS	25	2599	1983	500	500	500	0	4066	1,295
01557	SUMP PUMPS	25	2599	1983	1,518	1,518	1,518	0	4066	3,932
01558	SUMP PUMPS	25	2599	1983	1,518	1,518	1,518	0	4066	3,932
01559	SUMP PUMPS	25	2599	1983	500	500	500	0	4066	1,295
01575	SUMP PUMPS	25	2599	1983	500	500	500	0	4066	1,295
01638	WATER PRESSURIZATION SYSTEM	25	2599	1983	1,149	1,149	1,149	0	4066	2,976
01639	WATER PRESSURIZATION SYSTEM	25	2599	1983	1,379	1,379	1,379	0	4066	3,572
01640	WATER PRESSURIZATION SYSTEM	25	2599	1983	500	500	500	0	4066	1,295
01641	WATER PRESSURIZATION SYSTEM	25	2599	1983	500	500	500	0	4066	1,295
01642	WATER PRESSURIZATION SYSTEM	25	2599	1983	500	500	500	0	4066	1,295
01643	WATER PRESSURIZATION SYSTEM	25	2599	1983	500	500	500	0	4066	1,295
01644	WATER PRESSURIZATION SYSTEM	25	2599	1983	500	500	500	0	4066	1,295
01645	WATER PRESSURIZATION SYSTEM	25	2599	1983	690	690	690	0	4066	1,787
01646	WATER PRESSURIZATION SYSTEM	25	2599	1983	920	920	920	0	4066	2,383
01647	WATER PRESSURIZATION SYSTEM	25	2599	1983	920	920	920	0	4066	2,383
01648	WATER PRESSURIZATION SYSTEM	25	2599	1983	500	500	500	0	4066	1,295
01649	WATER PRESSURIZATION SYSTEM	25	2599	1983	500	500	500	0	4066	1,295
01650	WATER PRESSURIZATION SYSTEM	25	2599	1983	500	500	500	0	4066	1,295
01651	WATER PRESSURIZATION SYSTEM	25	2599	1983	920	920	920	0	4066	2,383
01652	WATER PRESSURIZATION SYSTEM	25	2599	1983	920	920	920	0	4066	2,383
01653	WATER PRESSURIZATION SYSTEM	25	2599	1983	500	500	500	0	4066	1,295
01654	WATER PRESSURIZATION SYSTEM	25	2599	1983	1,839	1,839	1,839	0	4066	4,763
01655	WATER PRESSURIZATION SYSTEM	25	2599	1983	1,839	1,839	1,839	0	4066	4,763
01656	WATER PRESSURIZATION SYSTEM	25	2599	1983	678	678	678	0	4066	1,756
01657	WATER PRESSURIZATION SYSTEM	25	2599	1983	644	644	644	0	4066	1,668
01681	WATER PRESSURIZATION SYSTEM	25	2599	1983	9,605	9,605	9,605	0	4066	24,879
01682	WATER PRESSURIZATION SYSTEM	25	2599	1983	762	762	762	0	4066	1,974

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MRWPCA Capacity Charge Update
Wastewater Fixed Asset Cost Basis

Excludes Water Reclamation Assets

Engineering News-Record Construction Cost Index (20-Cities Avg), January 2017 | 10531.68

Asset #	Description	Location 1	Location 2	Acquisition Year	Original Cost	Original Cost (w/ Adjustments)	Accumulated Depreciation	Depreciated Cost Basis	ENR-CCI for Acquisition Year	ENR-Adjusted Original Cost (w/ Adjustments)
01684	WATER PRESSURIZATION SYSTEM	25	2599	1983	920	920	920	0	4066	2,383
01704	AIR PRESSURIZATION SYSTEM	25	2599	1983	746	746	746	0	4066	1,932
01705	AIR PRESSURIZATION SYSTEM	25	2599	1983	644	644	644	0	4066	1,668
01706	AIR PRESSURIZATION SYSTEM	25	2599	1983	644	644	644	0	4066	1,668
01707	AIR PRESSURIZATION SYSTEM	25	2599	1983	669	669	669	0	4066	1,733
01708	AIR PRESSURIZATION SYSTEM	25	2599	1983	3,081	3,081	3,081	0	4066	7,980
01734	AIR PRESSURIZATION SYSTEM	25	2599	1983	7,771	7,771	7,771	0	4066	20,128
01763	HEATING & VENTILATION SYSTEM	25	2599	1983	500	500	500	0	4066	1,295
01764	HEATING & VENTILATION SYSTEM	25	2599	1983	500	500	500	0	4066	1,295
01765	HEATING & VENTILATION SYSTEM	25	2599	1983	500	500	500	0	4066	1,295
01766	HEATING & VENTILATION SYSTEM	25	2599	1983	1,104	1,104	1,104	0	4066	2,860
01767	HEATING & VENTILATION SYSTEM	25	2599	1983	500	500	500	0	4066	1,295
01768	HEATING & VENTILATION SYSTEM	25	2599	1983	736	736	736	0	4066	1,906
01769	HEATING & VENTILATION SYSTEM	25	2599	1983	500	500	500	0	4066	1,295
01770	HEATING & VENTILATION SYSTEM	25	2599	1983	500	500	500	0	4066	1,295
01771	HEATING & VENTILATION SYSTEM	25	2599	1983	500	500	500	0	4066	1,295
01802	HEATING & VENTILATION SYSTEM	25	2599	1983	500	500	500	0	4066	1,295
01803	HEATING & VENTILATION SYSTEM	25	2599	1983	2,217	2,217	2,217	0	4066	5,742
01807	HEATING & VENTILATION SYSTEM	25	2599	1983	32,367	32,367	32,367	0	4066	83,836
01897	ELECTRIC SERVICE SYSTEM	25	2599	1983	23,729	23,729	23,729	0	4066	61,462
01898	ELECTRIC SERVICE SYSTEM	25	2599	1983	23,729	23,729	23,729	0	4066	61,462
01899	ELECTRIC SERVICE SYSTEM	25	2599	1983	23,729	23,729	23,729	0	4066	61,462
01900	ELECTRIC SERVICE SYSTEM	25	2599	1983	23,729	23,729	23,729	0	4066	61,462
01901	ELECTRIC SERVICE SYSTEM	25	2599	1983	1,379	1,379	1,379	0	4066	3,572
01902	ELECTRIC SERVICE SYSTEM	25	2599	1983	3,678	3,678	3,678	0	4066	9,527
01903	ELECTRIC SERVICE SYSTEM	25	2599	1983	18,390	18,390	18,390	0	4066	47,633
01904	ELECTRIC SERVICE SYSTEM	25	2599	1983	1,000	1,000	1,000	0	4066	2,590
01905	ELECTRIC SERVICE SYSTEM	25	2599	1983	1,000	1,000	1,000	0	4066	2,590
01906	ELECTRIC SERVICE SYSTEM	25	2599	1983	1,000	1,000	1,000	0	4066	2,590
01907	ELECTRIC SERVICE SYSTEM	25	2599	1983	1,000	1,000	1,000	0	4066	2,590
01908	ELECTRIC SERVICE SYSTEM	25	2599	1983	9,656	9,656	9,656	0	4066	25,011
01909	ELECTRIC SERVICE SYSTEM	25	2599	1983	36,785	36,785	36,785	0	4066	95,280
01996	ELECTRIC SERVICE SYSTEM	25	2599	1983	1,379	1,379	1,379	0	4066	3,572
01997	ELECTRIC SERVICE SYSTEM	25	2599	1983	40,102	40,102	40,102	0	4066	103,871
01998	ELECTRIC SERVICE SYSTEM	25	2599	1983	2,759	2,759	2,759	0	4066	7,146
01999	ELECTRIC SERVICE SYSTEM	25	2599	1983	11,930	11,930	11,930	0	4066	30,901
02000	ELECTRIC SERVICE SYSTEM	25	2599	1983	12,875	12,875	12,875	0	4066	33,349
02001	ELECTRIC SERVICE SYSTEM	25	2599	1983	5,518	5,518	5,518	0	4066	14,293
02002	ELECTRIC SERVICE SYSTEM	25	2599	1983	8,277	8,277	8,277	0	4066	21,439
02003	ELECTRIC SERVICE SYSTEM	25	2599	1983	2,759	2,759	2,759	0	4066	7,146
02004	ELECTRIC SERVICE SYSTEM	25	2599	1983	1,563	1,563	1,563	0	4066	4,048
02005	ELECTRIC SERVICE SYSTEM	25	2599	1983	1,839	1,839	1,839	0	4066	4,763
02006	ELECTRIC SERVICE SYSTEM	25	2599	1983	68,236	68,236	68,236	0	4066	176,744
02007	ELECTRIC SERVICE SYSTEM	25	2599	1983	3,021	3,021	3,021	0	4066	7,825
02041	AIR TREATMENT SYSTEM	25	2599	1983	500	500	500	0	4066	1,295
02056	AIR TREATMENT SYSTEM	25	2599	1983	4,598	4,598	4,598	0	4066	11,910
02057	AIR TREATMENT SYSTEM	25	2599	1983	17,892	17,892	17,892	0	4066	46,344
02058	AIR TREATMENT SYSTEM	25	2599	1983	920	920	920	0	4066	2,383
02059	AIR TREATMENT SYSTEM	25	2599	1983	920	920	920	0	4066	2,383
02072	AIR TREATMENT SYSTEM	25	2599	1983	1,839	1,839	1,839	0	4066	4,763
02073	AIR TREATMENT SYSTEM	25	2599	1983	4,598	4,598	4,598	0	4066	11,910
02074	AIR TREATMENT SYSTEM	25	2599	1983	1,112	1,112	1,112	0	4066	2,880
03226	PAVING, ASPHALT & CONCRETE APPROX	25	2599	1983	5,577	5,577	5,577	0	4066	14,445
00303	BUILDING, PUMP STATION NO. 01,	1	101	1981	0	0	0	0	3535	0
00304	BUILDING	1	101	1981	872,832	872,832	763,685	109,147	3535	2,600,392
00305	TILE	1	101	1981	6,710	6,710	5,871	839	3535	19,991
00306	BUILDING	1	101	1981	2,917	2,917	2,552	365	3535	8,690
00307	27" RCP	1	101	1981	9,335	9,335	8,168	1,167	3535	27,811
00308	30" SCLC	1	101	1981	6,710	6,710	5,871	839	3535	19,991
00309	42" RCP	1	101	1981	7,292	7,292	6,380	912	3535	21,725
00310	BUILDING	1	101	1981	8,751	8,751	7,657	1,094	3535	26,071
00311	120 V. CONTROL CIRCUIT	1	101	1981	2,917	2,917	2,552	365	3535	8,690
00312	INTERCOM SYSTEM	1	101	1981	2,188	2,188	1,914	274	3535	6,519
00313	GATE AND HYDRAULIC OPERATOR	1	101	1981	29,170	29,170	25,522	3,648	3535	86,905
00314	PROPERTY IMPROVEMENT	1	101	1981	13,127	13,127	11,485	1,642	3535	39,109
00315	PROPERTY IMPROVEMENT	1	101	1981	4,376	4,376	3,829	547	3535	13,037
00316	PROPERTY IMPROVEMENT	1	101	1981	1,459	1,459	1,277	182	3535	4,347
00317	PROPERTY IMPROVEMENT	1	101	1981	4,376	4,376	3,829	547	3535	13,037
00318	2500 # CAPACITY	1	101	1981	36,463	36,463	31,903	4,560	3535	108,633
00319	ELEVATOR, 25 HP	1	101	1981	3,647	3,647	3,191	456	3535	10,865
00320	BRIDGE CRANE	1	101	1981	43,756	43,756	38,284	5,472	3535	130,360
00321	GATE AND HYDRAULIC OPERATOR	1	101	1981	7,292	7,292	6,380	912	3535	21,725
00322	BUILDING, PUMP STATION NO. 07,	7	701	1981	0	0	0	0	3535	0
00325	PROPERTY IMPROVEMENT	7	701	1981	515	515	451	64	3535	1,534
00326	PROPERTY IMPROVEMENT	7	701	1981	7,437	7,437	6,507	930	3535	22,157
00327	BUILDING, PUMP STATION NO. 13,	13	1301	1981	0	0	0	0	3535	0
00328	BUILDING	13	1301	1981	283,383	283,383	247,946	35,437	3535	844,271
00329	18" VCP X 90'	13	1301	1981	3,354	3,354	2,935	419	3535	9,992
00330	BUILDING	13	1301	1981	5,835	5,835	5,105	730	3535	17,384
00331	BUILDING	13	1301	1981	1,896	1,896	1,659	237	3535	5,649
00332	12"	13	1301	1981	2,334	2,334	2,042	292	3535	6,954

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Excludes Water Reclamation Assets

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Asset #	Description	Location 1	Location 2	Acquisition Year	Original Cost	Original Cost (w/ Adjustments)	Accumulated Depreciation	Depreciated Cost Basis	ENR-CCI for Acquisition Year	ENR-Adjusted Original Cost (w/ Adjustments)
00333	1 1/2"	13	1301	1981	729	729	638	91	3535	2,172
00334	12' X 120'	13	1301	1981	2,188	2,188	1,914	274	3535	6,519
00335	PROPERTY IMPROVEMENT	13	1301	1981	2,188	2,188	1,914	274	3535	6,519
00336	BUILDING, PUMP STATION NO. 15,	15	1501	1981	0	0	0	0	3535	0
00337	BUILDING	15	1501	1981	5,105	5,105	4,467	638	3535	15,209
00338	BUILDING	15	1501	1981	251,449	251,449	220,005	31,444	3535	749,132
00339	BUILDING	15	1501	1981	5,835	5,835	5,105	730	3535	17,384
00340	BUILDING	15	1501	1981	1,167	1,167	1,021	146	3535	3,477
00341	1 1/2"	15	1501	1981	729	729	638	91	3535	2,172
00342	PROPERTY IMPROVEMENT	15	1501	1981	2,188	2,188	1,914	274	3535	6,519
00934	INTERCEPTOR APPURTENANCES	80	80990	1981	30,830	30,830	21,580	9,250	3535	91,851
00935	INTERCEPTOR APPURTENANCES	80	80990	1981	30,830	30,830	21,580	9,250	3535	91,851
00936	INTERCEPTOR APPURTENANCES	80	80990	1981	30,830	30,830	21,580	9,250	3535	91,851
00937	INTERCEPTOR APPURTENANCES	80	80990	1981	30,830	30,830	21,580	9,250	3535	91,851
00938	INTERCEPTOR APPURTENANCES	80	80990	1981	30,830	30,830	21,580	9,250	3535	91,851
00939	INTERCEPTOR APPURTENANCES	80	80990	1981	32,371	32,371	22,658	9,713	3535	96,442
00940	INTERCEPTOR APPURTENANCES	80	80990	1981	23,122	23,122	16,184	6,938	3535	68,886
00941	INTERCEPTOR APPURTENANCES	80	80990	1981	32,371	32,371	22,658	9,713	3535	96,442
00942	INTERCEPTOR APPURTENANCES	80	80990	1981	23,122	23,122	16,184	6,938	3535	68,886
00943	INTERCEPTOR APPURTENANCES	80	80990	1981	23,122	23,122	16,184	6,938	3535	68,886
00944	INTERCEPTOR APPURTENANCES	80	80990	1981	32,371	32,371	22,658	9,713	3535	96,442
00945	INTERCEPTOR APPURTENANCES	80	80990	1981	23,122	23,122	16,184	6,938	3535	68,886
00946	INTERCEPTOR APPURTENANCES	80	80990	1981	23,122	23,122	16,184	6,938	3535	68,886
00947	INTERCEPTOR APPURTENANCES	80	80990	1981	23,122	23,122	16,184	6,938	3535	68,886
00948	INTERCEPTOR APPURTENANCES	80	80990	1981	23,122	23,122	16,184	6,938	3535	68,886
00949	INTERCEPTOR APPURTENANCES	80	80990	1981	55,862	55,862	39,101	16,761	3535	166,427
00950	INTERCEPTOR APPURTENANCES	80	80990	1981	3,083	3,083	2,158	925	3535	9,185
00951	INTERCEPTOR APPURTENANCES	80	80990	1981	6,730	6,730	4,710	2,020	3535	20,050
00952	INTERCEPTOR APPURTENANCES	80	80990	1981	9,249	9,249	6,474	2,775	3535	27,555
00953	INTERCEPTOR APPURTENANCES	80	80990	1981	9,249	9,249	6,474	2,775	3535	27,555
00954	INTERCEPTOR APPURTENANCES	80	80990	1981	15,415	15,415	10,790	4,625	3535	45,925
00955	INTERCEPTOR APPURTENANCES	80	80990	1981	15,415	15,415	10,790	4,625	3535	45,925
00956	INTERCEPTOR APPURTENANCES	80	80990	1981	15,415	15,415	10,790	4,625	3535	45,925
00957	INTERCEPTOR APPURTENANCES	80	80990	1981	15,415	15,415	10,790	4,625	3535	45,925
00958	INTERCEPTOR APPURTENANCES	80	80990	1981	4,625	4,625	3,237	1,388	3535	13,779
00959	INTERCEPTOR APPURTENANCES	80	80990	1981	9,249	9,249	6,474	2,775	3535	27,555
00960	INTERCEPTOR APPURTENANCES	80	80990	1981	15,415	15,415	10,790	4,625	3535	45,925
00961	INTERCEPTOR APPURTENANCES	80	80990	1981	4,625	4,625	3,237	1,388	3535	13,779
00962	INTERCEPTOR APPURTENANCES	80	80990	1981	3,854	3,854	2,698	1,156	3535	11,482
00963	INTERCEPTOR APPURTENANCES	80	80990	1981	3,854	3,854	2,698	1,156	3535	11,482
00964	INTERCEPTOR APPURTENANCES	80	80990	1981	3,854	3,854	2,698	1,156	3535	11,482
00965	INTERCEPTOR APPURTENANCES	80	80990	1981	3,854	3,854	2,698	1,156	3535	11,482
00966	INTERCEPTOR APPURTENANCES	80	80990	1981	3,854	3,854	2,698	1,156	3535	11,482
00967	INTERCEPTOR APPURTENANCES	80	80990	1981	3,854	3,854	2,698	1,156	3535	11,482
00968	INTERCEPTOR APPURTENANCES	80	80990	1981	3,854	3,854	2,698	1,156	3535	11,482
00969	INTERCEPTOR APPURTENANCES	80	80990	1981	3,854	3,854	2,698	1,156	3535	11,482
00970	INTERCEPTOR APPURTENANCES	80	80990	1981	3,854	3,854	2,698	1,156	3535	11,482
01005	INTERCEPTOR APPURTENANCES	80	80990	1981	490,407	490,407	343,265	147,142	3535	1,461,049
01006	INTERCEPTOR APPURTENANCES	80	80990	1981	492,739	492,739	344,897	147,842	3535	1,467,997
01007	INTERCEPTOR APPURTENANCES	80	80990	1981	633,064	633,064	443,119	189,945	3535	1,886,062
01008	INTERCEPTOR APPURTENANCES	80	80990	1981	285,948	285,948	200,152	85,796	3535	851,913
01009	INTERCEPTOR APPURTENANCES	80	80990	1981	113,089	113,089	79,158	33,931	3535	336,921
01010	INTERCEPTOR APPURTENANCES	80	80990	1981	562,416	562,416	393,668	168,748	3535	1,675,583
01011	INTERCEPTOR APPURTENANCES	80	80990	1981	367,802	367,802	257,446	110,356	3535	1,095,777
01012	INTERCEPTOR APPURTENANCES	80	80990	1981	6,166	6,166	4,316	1,850	3535	18,370
01013	INTERCEPTOR APPURTENANCES	80	80990	1981	7,014	7,014	4,910	2,104	3535	20,897
01014	INTERCEPTOR APPURTENANCES	80	80990	1981	53,675	53,675	37,570	16,105	3535	159,912
01015	INTERCEPTOR APPURTENANCES	80	80990	1981	36,520	36,520	25,563	10,957	3535	108,803
01016	INTERCEPTOR APPURTENANCES	80	80990	1981	92,490	92,490	64,739	27,751	3535	275,552
01017	INTERCEPTOR APPURTENANCES	80	80990	1981	46,245	46,245	32,370	13,875	3535	137,776
01018	INTERCEPTOR APPURTENANCES	80	80990	1981	23,122	23,122	16,184	6,938	3535	68,886
01019	INTERCEPTOR APPURTENANCES	80	80990	1981	30,830	30,830	21,580	9,250	3535	91,851
01026	INTERCEPTOR APPURTENANCES	80	80990	1981	3,086	3,086	2,160	926	3535	9,194
01060	INFLUENT CHANNELS & BARMINUTOR	1	199	1981	2,917	2,917	2,552	365	3535	8,690
01061	INFLUENT CHANNELS & BARMINUTOR	1	199	1981	20,419	20,419	20,419	0	3535	60,833
01062	INFLUENT CHANNELS & BARMINUTOR	1	199	1981	1,460	1,460	1,277	183	3535	4,350
01063	INFLUENT CHANNELS & BARMINUTOR	1	199	1981	1,030	1,030	901	129	3535	3,069
01064	INFLUENT CHANNELS & BARMINUTOR	1	199	1981	1,030	1,030	901	129	3535	3,069
01065	INFLUENT CHANNELS & BARMINUTOR	15	1599	1981	1,094	1,094	957	137	3535	3,259
01066	INFLUENT CHANNELS & BARMINUTOR	15	1599	1981	1,094	1,094	957	137	3535	3,259
01067	INFLUENT CHANNELS & BARMINUTOR	15	1599	1981	1,094	1,094	957	137	3535	3,259
01068	INFLUENT CHANNELS & BARMINUTOR	15	1599	1981	2,917	2,917	2,552	365	3535	8,690
01069	INFLUENT CHANNELS & BARMINUTOR	15	1599	1981	1,457	1,457	1,275	182	3535	4,341
01070	INFLUENT CHANNELS & BARMINUTOR	13	1399	1981	1,094	1,094	957	137	3535	3,259
01071	INFLUENT CHANNELS & BARMINUTOR	13	1399	1981	1,094	1,094	957	137	3535	3,259
01072	INFLUENT CHANNELS & BARMINUTOR	13	1399	1981	1,094	1,094	957	137	3535	3,259
01073	INFLUENT CHANNELS & BARMINUTOR	13	1399	1981	1,458	1,458	1,276	182	3535	4,344
01074	INFLUENT CHANNELS & BARMINUTOR	1	199	1981	1,093	1,093	956	137	3535	3,256
01075	INFLUENT CHANNELS & BARMINUTOR	13	1399	1981	2,917	2,917	2,552	365	3535	8,690
01076	INFLUENT CHANNELS & BARMINUTOR	1	199	1981	1,093	1,093	956	137	3535	3,256
01077	INFLUENT CHANNELS & BARMINUTOR	1	199	1981	1,093	1,093	956	137	3535	3,256

Table A
MRWPCA Capacity Charge Update
Wastewater Fixed Asset Cost Basis

Excludes Water Reclamation Assets

Engineering News-Record Construction Cost Index (20-Cities Avg), January 2017	10531.68

Asset #	Description	Location 1	Location 2	Acquisition Year	Original Cost	Original Cost (w/ Adjustments)	Accumulated Depreciation	Depreciated Cost Basis	ENR-CCI for Acquisition Year	ENR-Adjusted Original Cost (w/ Adjustments)
01078	INFLUENT CHANNELS & BARMINUTOR	1	199	1981	1,093	1,093	956	137	3535	3,256
01079	INFLUENT CHANNELS & BARMINUTOR	1	199	1981	1,093	1,093	956	137	3535	3,256
01099	INFLUENT CHANNELS & BARMINUTOR	1	199	1981	2,917	2,917	2,552	365	3535	8,690
01100	INFLUENT CHANNELS & BARMINUTOR	1	199	1981	1,459	1,459	1,277	182	3535	4,347
01101	INFLUENT CHANNELS & BARMINUTOR	1	199	1981	2,188	2,188	1,914	274	3535	6,519
01102	INFLUENT CHANNELS & BARMINUTOR	15	1599	1981	4,376	4,376	3,829	547	3535	13,037
01103	INFLUENT CHANNELS & BARMINUTOR	15	1599	1981	2,188	2,188	1,914	274	3535	6,519
01104	INFLUENT CHANNELS & BARMINUTOR	15	1599	1981	1,459	1,459	1,277	182	3535	4,347
01105	INFLUENT CHANNELS & BARMINUTOR	13	1399	1981	4,376	4,376	3,829	547	3535	13,037
01106	INFLUENT CHANNELS & BARMINUTOR	13	1399	1981	2,188	2,188	1,914	274	3535	6,519
01107	INFLUENT CHANNELS & BARMINUTOR	13	1399	1981	1,459	1,459	1,277	182	3535	4,347
01117	WET WELL LEVEL	15	1599	1981	1,458	1,458	1,276	182	3535	4,344
01118	WET WELL LEVEL	13	1399	1981	1,458	1,458	1,276	182	3535	4,344
01126	WET WELL LEVEL	1	199	1981	43,756	43,756	38,284	5,472	3535	130,360
01127	WET WELL LEVEL	1	199	1981	1,459	1,459	1,277	182	3535	4,347
01128	WET WELL LEVEL	13	1399	1981	730	730	639	91	3535	2,175
01129	WET WELL LEVEL	13	1399	1981	730	730	639	91	3535	2,175
01130	WET WELL LEVEL	13	1399	1981	730	730	639	91	3535	2,175
01258	MAIN SEWAGE PUMPS	1	199	1981	5,835	5,835	5,835	0	3535	17,384
01259	MAIN SEWAGE PUMPS	1	199	1981	9,480	9,480	9,480	0	3535	28,243
01260	MAIN SEWAGE PUMPS	1	199	1981	9,480	9,480	9,480	0	3535	28,243
01261	MAIN SEWAGE PUMPS	1	199	1981	5,835	5,835	5,835	0	3535	17,384
01262	MAIN SEWAGE PUMPS	1	199	1981	7,293	7,293	7,293	0	3535	21,728
01263	MAIN SEWAGE PUMPS	1	199	1981	14,586	14,586	14,586	0	3535	43,455
01264	MAIN SEWAGE PUMPS	1	199	1981	14,586	14,586	14,586	0	3535	43,455
01265	MAIN SEWAGE PUMPS	1	199	1981	7,293	7,293	7,293	0	3535	21,728
01266	MAIN SEWAGE PUMPS	1	199	1981	130,247	130,247	130,247	0	3535	388,040
01267	MAIN SEWAGE PUMPS	1	199	1981	2,914	2,914	2,914	0	3535	8,682
01268	MAIN SEWAGE PUMPS	1	199	1981	1,823	1,823	1,823	0	3535	5,431
01269	MAIN SEWAGE PUMPS	1	199	1981	14,002	14,002	14,002	0	3535	41,716
01270	MAIN SEWAGE PUMPS	1	199	1981	14,002	14,002	14,002	0	3535	41,716
01271	MAIN SEWAGE PUMPS	1	199	1981	1,823	1,823	1,823	0	3535	5,431
01272	MAIN SEWAGE PUMPS	1	199	1981	1,823	1,823	1,823	0	3535	5,431
01273	MAIN SEWAGE PUMPS	1	199	1981	1,823	1,823	1,823	0	3535	5,431
01274	MAIN SEWAGE PUMPS	1	199	1981	14,002	14,002	14,002	0	3535	41,716
01275	MAIN SEWAGE PUMPS	1	199	1981	14,002	14,002	14,002	0	3535	41,716
01276	MAIN SEWAGE PUMPS	15	1599	1981	1,092	1,092	1,092	0	3535	3,253
01277	MAIN SEWAGE PUMPS	15	1599	1981	6,855	6,855	6,855	0	3535	20,423
01278	MAIN SEWAGE PUMPS	15	1599	1981	6,855	6,855	6,855	0	3535	20,423
01279	MAIN SEWAGE PUMPS	15	1599	1981	6,855	6,855	6,855	0	3535	20,423
01280	MAIN SEWAGE PUMPS	15	1599	1981	2,625	2,625	2,625	0	3535	7,821
01281	MAIN SEWAGE PUMPS	15	1599	1981	8,169	8,169	8,169	0	3535	24,338
01282	MAIN SEWAGE PUMPS	15	1599	1981	8,169	8,169	8,169	0	3535	24,338
01283	MAIN SEWAGE PUMPS	15	1599	1981	91,888	91,888	91,888	0	3535	273,758
01284	MAIN SEWAGE PUMPS	15	1599	1981	5,835	5,835	5,835	0	3535	17,384
01285	MAIN SEWAGE PUMPS	13	1399	1981	1,093	1,093	1,093	0	3535	3,256
01286	MAIN SEWAGE PUMPS	13	1399	1981	10,502	10,502	10,502	0	3535	31,288
01287	MAIN SEWAGE PUMPS	13	1399	1981	10,502	10,502	10,502	0	3535	31,288
01288	MAIN SEWAGE PUMPS	13	1399	1981	10,502	10,502	10,502	0	3535	31,288
01289	MAIN SEWAGE PUMPS	13	1399	1981	16,045	16,045	16,045	0	3535	47,802
01290	MAIN SEWAGE PUMPS	13	1399	1981	16,045	16,045	16,045	0	3535	47,802
01291	MAIN SEWAGE PUMPS	13	1399	1981	129,809	129,809	129,809	0	3535	386,735
01292	MAIN SEWAGE PUMPS	13	1399	1981	1,946	1,946	1,946	0	3535	5,798
01293	MAIN SEWAGE PUMPS	13	1399	1981	1,946	1,946	1,946	0	3535	5,798
01294	MAIN SEWAGE PUMPS	13	1399	1981	1,946	1,946	1,946	0	3535	5,798
01295	MAIN SEWAGE PUMPS	13	1399	1981	1,458	1,458	1,458	0	3535	4,344
01302	MAIN SEWAGE PUMPS	15	1599	1981	4,667	4,667	4,667	0	3535	13,904
01303	MAIN SEWAGE PUMPS	1	199	1981	1,460	1,460	1,460	0	3535	4,350
01313	MAIN SEWAGE PUMPS	13	1399	1981	6,564	6,564	6,564	0	3535	19,556
01314	MAIN SEWAGE PUMPS	13	1399	1981	6,126	6,126	6,126	0	3535	18,251
01316	MAIN SEWAGE PUMPS	13	1399	1981	8,314	8,314	8,314	0	3535	24,770
01317	MAIN SEWAGE PUMPS	13	1399	1981	8,314	8,314	8,314	0	3535	24,770
01318	MAIN SEWAGE PUMPS	13	1399	1981	6,126	6,126	6,126	0	3535	18,251
01319	MAIN SEWAGE PUMPS	13	1399	1981	3,354	3,354	3,354	0	3535	9,992
01320	MAIN SEWAGE PUMPS	13	1399	1981	6,564	6,564	6,564	0	3535	19,556
01321	MAIN SEWAGE PUMPS	13	1399	1981	6,564	6,564	6,564	0	3535	19,556
01322	MAIN SEWAGE PUMPS	13	1399	1981	6,126	6,126	6,126	0	3535	18,251
01323	MAIN SEWAGE PUMPS	13	1399	1981	8,314	8,314	8,314	0	3535	24,770
01326	MAIN SEWAGE PUMPS	7	799	1981	10,353	10,353	10,353	0	3535	30,844
01327	MAIN SEWAGE PUMPS	15	1599	1981	4,667	4,667	4,667	0	3535	13,904
01328	MAIN SEWAGE PUMPS	15	1599	1981	4,667	4,667	4,667	0	3535	13,904
01329	MAIN SEWAGE PUMPS	15	1599	1981	4,667	4,667	4,667	0	3535	13,904
01330	MAIN SEWAGE PUMPS	15	1599	1981	4,667	4,667	4,667	0	3535	13,904
01331	MAIN SEWAGE PUMPS	15	1599	1981	4,667	4,667	4,667	0	3535	13,904
01332	MAIN SEWAGE PUMPS	15	1599	1981	4,959	4,959	4,959	0	3535	14,774
01333	MAIN SEWAGE PUMPS	15	1599	1981	4,959	4,959	4,959	0	3535	14,774
01334	MAIN SEWAGE PUMPS	1	199	1981	8,751	8,751	8,751	0	3535	26,071
01335	MAIN SEWAGE PUMPS	15	1599	1981	2,188	2,188	2,188	0	3535	6,519
01336	MAIN SEWAGE PUMPS	1	199	1981	8,751	8,751	8,751	0	3535	26,071
01337	MAIN SEWAGE PUMPS	15	1599	1981	4,959	4,959	4,959	0	3535	14,774
01338	MAIN SEWAGE PUMPS	1	199	1981	12,982	12,982	12,982	0	3535	38,677

Table A
MRWPCA Capacity Charge Update
Wastewater Fixed Asset Cost Basis

Excludes Water Reclamation Assets

Engineering News-Record Construction Cost Index (20-Cities Avg), January 2017 10531.68

Asset #	Description	Location 1	Location 2	Acquisition Year	Original Cost	Original Cost (w/ Adjustments)	Accumulated Depreciation	Depreciated Cost Basis	ENR-CCI for Acquisition Year	ENR-Adjusted Original Cost (w/ Adjustments)
01339	MAIN SEWAGE PUMPS	1	199	1981	12,982	12,982	12,982	0	3535	38,677
01340	MAIN SEWAGE PUMPS	1	199	1981	12,982	12,982	12,982	0	3535	38,677
01341	MAIN SEWAGE PUMPS	1	199	1981	8,751	8,751	8,751	0	3535	26,071
01342	MAIN SEWAGE PUMPS	1	199	1981	12,982	12,982	12,982	0	3535	38,677
01343	MAIN SEWAGE PUMPS	1	199	1981	8,751	8,751	8,751	0	3535	26,071
01369	MAIN SEWAGE PUMPS	1	199	1981	35,004	35,004	35,004	0	3535	104,286
01370	MAIN SEWAGE PUMPS	1	199	1981	23,336	23,336	23,336	0	3535	69,524
01371	MAIN SEWAGE PUMPS	7	799	1981	5,104	5,104	5,104	0	3535	15,206
01372	MAIN SEWAGE PUMPS	7	799	1981	25,955	25,955	25,955	0	3535	77,327
01373	MAIN SEWAGE PUMPS	7	799	1981	4,957	4,957	4,957	0	3535	14,768
01374	MAIN SEWAGE PUMPS	7	799	1981	4,957	4,957	4,957	0	3535	14,768
01375	MAIN SEWAGE PUMPS	7	799	1981	4,666	4,666	4,666	0	3535	13,901
01376	MAIN SEWAGE PUMPS	7	799	1981	2,479	2,479	2,479	0	3535	7,386
01377	MAIN SEWAGE PUMPS	7	799	1981	2,479	2,479	2,479	0	3535	7,386
01378	MAIN SEWAGE PUMPS	7	799	1981	3,791	3,791	3,791	0	3535	11,294
01379	MAIN SEWAGE PUMPS	7	799	1981	4,812	4,812	4,812	0	3535	14,336
01380	MAIN SEWAGE PUMPS	7	799	1981	4,812	4,812	4,812	0	3535	14,336
01381	MAIN SEWAGE PUMPS	7	799	1981	5,541	5,541	5,541	0	3535	16,508
01382	MAIN SEWAGE PUMPS	15	1599	1981	12,543	12,543	12,543	0	3535	37,369
01383	MAIN SEWAGE PUMPS	15	1599	1981	13,856	13,856	13,856	0	3535	41,281
01384	MAIN SEWAGE PUMPS	15	1599	1981	8,751	8,751	8,751	0	3535	26,071
01385	MAIN SEWAGE PUMPS	15	1599	1981	1,460	1,460	1,460	0	3535	4,350
01386	MAIN SEWAGE PUMPS	13	1399	1981	7,292	7,292	7,292	0	3535	21,725
01387	MAIN SEWAGE PUMPS	13	1399	1981	18,961	18,961	18,961	0	3535	56,490
01388	MAIN SEWAGE PUMPS	13	1399	1981	8,751	8,751	8,751	0	3535	26,071
01398	SEAL WATER SYSTEMS	1	199	1981	2,917	2,917	2,917	0	3535	8,690
01399	SEAL WATER SYSTEMS	15	1599	1981	2,917	2,917	2,917	0	3535	8,690
01400	SEAL WATER SYSTEMS	13	1399	1981	2,917	2,917	2,917	0	3535	8,690
01421	FLOW METERING SYSTEM	1	199	1981	5,834	5,834	5,834	0	3535	17,381
01423	FLOW METERING SYSTEM	1	199	1981	729	729	729	0	3535	2,172
01424	FLOW METERING SYSTEM	1	199	1981	23,337	23,337	23,337	0	3535	69,527
01425	FLOW METERING SYSTEM	1	199	1981	23,337	23,337	23,337	0	3535	69,527
01426	FLOW METERING SYSTEM	1	199	1981	23,337	23,337	23,337	0	3535	69,527
01434	FLOW METERING SYSTEM	13	1399	1981	10,355	10,355	10,355	0	3535	30,850
01438	FLOW METERING SYSTEM	15	1599	1981	6,126	6,126	6,126	0	3535	18,251
01443	FLOW METERING SYSTEM	15	1599	1981	1,459	1,459	1,459	0	3535	4,347
01444	FLOW METERING SYSTEM	15	1599	1981	729	729	729	0	3535	2,172
01445	FLOW METERING SYSTEM	13	1399	1981	1,459	1,459	1,459	0	3535	4,347
01446	FLOW METERING SYSTEM	13	1399	1981	729	729	729	0	3535	2,172
01560	SUMP PUMPS	1	199	1981	726	726	726	0	3535	2,163
01561	SUMP PUMPS	15	1599	1981	2,189	2,189	2,189	0	3535	6,522
01562	SUMP PUMPS	15	1599	1981	2,189	2,189	2,189	0	3535	6,522
01563	SUMP PUMPS	15	1599	1981	726	726	726	0	3535	2,163
01564	SUMP PUMPS	13	1399	1981	2,188	2,188	2,188	0	3535	6,519
01565	SUMP PUMPS	13	1399	1981	2,188	2,188	2,188	0	3535	6,519
01566	SUMP PUMPS	13	1399	1981	729	729	729	0	3535	2,172
01567	SUMP PUMPS	15	1599	1981	730	730	730	0	3535	2,175
01568	SUMP PUMPS	13	1399	1981	730	730	730	0	3535	2,175
01569	SUMP PUMPS	13	1399	1981	730	730	730	0	3535	2,175
01570	SUMP PUMPS	13	1399	1981	730	730	730	0	3535	2,175
01571	SUMP PUMPS	13	1399	1981	730	730	730	0	3535	2,175
01572	SUMP PUMPS	15	1599	1981	730	730	730	0	3535	2,175
01573	SUMP PUMPS	1	199	1981	729	729	729	0	3535	2,172
01574	SUMP PUMPS	15	1599	1981	730	730	730	0	3535	2,175
01576	SUMP PUMPS	15	1599	1981	730	730	730	0	3535	2,175
01577	SUMP PUMPS	1	199	1981	1,459	1,459	1,459	0	3535	4,347
01578	SUMP PUMPS	1	199	1981	1,459	1,459	1,459	0	3535	4,347
01579	SUMP PUMPS	1	199	1981	2,918	2,918	2,918	0	3535	8,693
01580	SUMP PUMPS	1	199	1981	1,459	1,459	1,459	0	3535	4,347
01581	SUMP PUMPS	1	199	1981	1,459	1,459	1,459	0	3535	4,347
01582	SUMP PUMPS	1	199	1981	2,918	2,918	2,918	0	3535	8,693
01658	WATER PRESSURIZATION SYSTEM	15	1599	1981	729	729	729	0	3535	2,172
01659	WATER PRESSURIZATION SYSTEM	15	1599	1981	729	729	729	0	3535	2,172
01660	WATER PRESSURIZATION SYSTEM	15	1599	1981	1,459	1,459	1,459	0	3535	4,347
01661	WATER PRESSURIZATION SYSTEM	15	1599	1981	729	729	729	0	3535	2,172
01662	WATER PRESSURIZATION SYSTEM	15	1599	1981	729	729	729	0	3535	2,172
01663	WATER PRESSURIZATION SYSTEM	13	1399	1981	729	729	729	0	3535	2,172
01664	WATER PRESSURIZATION SYSTEM	13	1399	1981	729	729	729	0	3535	2,172
01665	WATER PRESSURIZATION SYSTEM	13	1399	1981	1,459	1,459	1,459	0	3535	4,347
01666	WATER PRESSURIZATION SYSTEM	13	1399	1981	729	729	729	0	3535	2,172
01667	WATER PRESSURIZATION SYSTEM	13	1399	1981	729	729	729	0	3535	2,172
01672	WATER PRESSURIZATION SYSTEM	13	1399	1981	8,022	8,022	8,022	0	3535	23,900
01673	WATER PRESSURIZATION SYSTEM	13	1399	1981	8,022	8,022	8,022	0	3535	23,900
01674	WATER PRESSURIZATION SYSTEM	13	1399	1981	729	729	729	0	3535	2,172
01675	WATER PRESSURIZATION SYSTEM	13	1399	1981	1,459	1,459	1,459	0	3535	4,347
01677	WATER PRESSURIZATION SYSTEM	15	1599	1981	8,022	8,022	8,022	0	3535	23,900
01678	WATER PRESSURIZATION SYSTEM	15	1599	1981	8,022	8,022	8,022	0	3535	23,900
01679	WATER PRESSURIZATION SYSTEM	15	1599	1981	1,459	1,459	1,459	0	3535	4,347
01680	WATER PRESSURIZATION SYSTEM	15	1599	1981	729	729	729	0	3535	2,172
01685	WATER PRESSURIZATION SYSTEM	15	1599	1981	2,917	2,917	2,917	0	3535	8,690
01686	WATER PRESSURIZATION SYSTEM	13	1399	1981	2,917	2,917	2,917	0	3535	8,690

Table A
MRWPCA Capacity Charge Update
Wastewater Fixed Asset Cost Basis

Excludes Water Reclamation Assets

Engineering News-Record Construction Cost Index (20-Cities Avg), January 2017 | 10531.68

Asset #	Description	Location 1	Location 2	Acquisition Year	Original Cost	Original Cost (w/ Adjustments)	Accumulated Depreciation	Depreciated Cost Basis	ENR-CCI for Acquisition Year	ENR-Adjusted Original Cost (w/ Adjustments)
01709	AIR PRESSURIZATION SYSTEM	1	199	1981	8,168	8,168	8,168	0	3535	24,335
01710	AIR PRESSURIZATION SYSTEM	1	199	1981	729	729	729	0	3535	2,172
01711	AIR PRESSURIZATION SYSTEM	1	199	1981	8,168	8,168	8,168	0	3535	24,335
01712	AIR PRESSURIZATION SYSTEM	1	199	1981	1,459	1,459	1,459	0	3535	4,347
01713	AIR PRESSURIZATION SYSTEM	1	199	1981	729	729	729	0	3535	2,172
01714	AIR PRESSURIZATION SYSTEM	1	199	1981	729	729	729	0	3535	2,172
01715	AIR PRESSURIZATION SYSTEM	1	199	1981	729	729	729	0	3535	2,172
01716	AIR PRESSURIZATION SYSTEM	15	1599	1981	730	730	730	0	3535	2,175
01717	AIR PRESSURIZATION SYSTEM	15	1599	1981	730	730	730	0	3535	2,175
01718	AIR PRESSURIZATION SYSTEM	15	1599	1981	729	729	729	0	3535	2,172
01719	AIR PRESSURIZATION SYSTEM	15	1599	1981	1,457	1,457	1,457	0	3535	4,341
01720	AIR PRESSURIZATION SYSTEM	13	1399	1981	730	730	730	0	3535	2,175
01721	AIR PRESSURIZATION SYSTEM	13	1399	1981	730	730	730	0	3535	2,175
01722	AIR PRESSURIZATION SYSTEM	13	1399	1981	729	729	729	0	3535	2,172
01723	AIR PRESSURIZATION SYSTEM	13	1399	1981	1,458	1,458	1,458	0	3535	4,344
01727	AIR PRESSURIZATION SYSTEM	13	1399	1981	1,459	1,459	1,459	0	3535	4,347
01728	AIR PRESSURIZATION SYSTEM	13	1399	1981	8,169	8,169	8,169	0	3535	24,338
01729	AIR PRESSURIZATION SYSTEM	13	1399	1981	8,169	8,169	8,169	0	3535	24,338
01731	AIR PRESSURIZATION SYSTEM	15	1599	1981	8,169	8,169	8,169	0	3535	24,338
01732	AIR PRESSURIZATION SYSTEM	15	1599	1981	8,169	8,169	8,169	0	3535	24,338
01733	AIR PRESSURIZATION SYSTEM	15	1599	1981	1,459	1,459	1,459	0	3535	4,347
01735	AIR PRESSURIZATION SYSTEM	1	199	1981	731	731	731	0	3535	2,178
01772	HEATING & VENTILATION SYSTEM	1	199	1981	2,917	2,917	2,917	0	3535	8,690
01773	HEATING & VENTILATION SYSTEM	1	199	1981	4,376	4,376	4,376	0	3535	13,037
01774	HEATING & VENTILATION SYSTEM	1	199	1981	2,917	2,917	2,917	0	3535	8,690
01775	HEATING & VENTILATION SYSTEM	1	199	1981	557	557	557	0	3535	1,659
01776	HEATING & VENTILATION SYSTEM	1	199	1981	557	557	557	0	3535	1,659
01777	HEATING & VENTILATION SYSTEM	1	199	1981	557	557	557	0	3535	1,659
01778	HEATING & VENTILATION SYSTEM	1	199	1981	515	515	515	0	3535	1,534
01779	HEATING & VENTILATION SYSTEM	1	199	1981	1,459	1,459	1,459	0	3535	4,347
01780	HEATING & VENTILATION SYSTEM	1	199	1981	2,917	2,917	2,917	0	3535	8,690
01781	HEATING & VENTILATION SYSTEM	1	199	1981	4,376	4,376	4,376	0	3535	13,037
01782	HEATING & VENTILATION SYSTEM	1	199	1981	1,459	1,459	1,459	0	3535	4,347
01783	HEATING & VENTILATION SYSTEM	1	199	1981	729	729	729	0	3535	2,172
01784	HEATING & VENTILATION SYSTEM	1	199	1981	729	729	729	0	3535	2,172
01785	HEATING & VENTILATION SYSTEM	1	199	1981	729	729	729	0	3535	2,172
01786	HEATING & VENTILATION SYSTEM	1	199	1981	729	729	729	0	3535	2,172
01787	HEATING & VENTILATION SYSTEM	15	1599	1981	1,750	1,750	1,750	0	3535	5,214
01788	HEATING & VENTILATION SYSTEM	15	1599	1981	4,376	4,376	4,376	0	3535	13,037
01789	HEATING & VENTILATION SYSTEM	15	1599	1981	729	729	729	0	3535	2,172
01790	HEATING & VENTILATION SYSTEM	0	0	1981	729	729	729	0	3535	2,172
01791	HEATING & VENTILATION SYSTEM	13	1399	1981	1,750	1,750	1,750	0	3535	5,214
01792	HEATING & VENTILATION SYSTEM	0	0	1981	4,376	4,376	4,376	0	3535	13,037
01793	HEATING & VENTILATION SYSTEM	13	1399	1981	729	729	729	0	3535	2,172
01794	HEATING & VENTILATION SYSTEM	13	1399	1981	729	729	729	0	3535	2,172
01797	HEATING & VENTILATION SYSTEM	13	1399	1981	4,376	4,376	4,376	0	3535	13,037
01798	HEATING & VENTILATION SYSTEM	7	799	1981	3,208	3,208	3,208	0	3535	9,557
01800	HEATING & VENTILATION SYSTEM	15	1599	1981	4,376	4,376	4,376	0	3535	13,037
01801	HEATING & VENTILATION SYSTEM	1	199	1981	4,376	4,376	4,376	0	3535	13,037
01808	HEATING & VENTILATION SYSTEM	1	199	1981	49,591	49,591	49,591	0	3535	147,744
01809	HEATING & VENTILATION SYSTEM	7	799	1981	1,458	1,458	1,458	0	3535	4,344
01810	HEATING & VENTILATION SYSTEM	7	799	1981	2,624	2,624	2,624	0	3535	7,818
01811	HEATING & VENTILATION SYSTEM	15	1599	1981	5,835	5,835	5,835	0	3535	17,384
01812	HEATING & VENTILATION SYSTEM	13	1399	1981	6,564	6,564	6,564	0	3535	19,556
01910	ELECTRIC SERVICE SYSTEM	1	199	1981	8,751	8,751	8,751	0	3535	26,071
01911	ELECTRIC SERVICE SYSTEM	1	199	1981	2,917	2,917	2,917	0	3535	8,690
01912	ELECTRIC SERVICE SYSTEM	1	199	1981	72,927	72,927	72,927	0	3535	217,268
01913	ELECTRIC SERVICE SYSTEM	1	199	1981	41,697	41,697	41,697	0	3535	124,226
01914	ELECTRIC SERVICE SYSTEM	1	199	1981	1,459	1,459	1,459	0	3535	4,347
01915	ELECTRIC SERVICE SYSTEM	1	199	1981	1,459	1,459	1,459	0	3535	4,347
01916	ELECTRIC SERVICE SYSTEM	1	199	1981	2,431	2,431	2,431	0	3535	7,243
01917	ELECTRIC SERVICE SYSTEM	1	199	1981	2,431	2,431	2,431	0	3535	7,243
01918	ELECTRIC SERVICE SYSTEM	1	199	1981	2,431	2,431	2,431	0	3535	7,243
01919	ELECTRIC SERVICE SYSTEM	1	199	1981	36,463	36,463	36,463	0	3535	108,633
01920	ELECTRIC SERVICE SYSTEM	1	199	1981	729	729	729	0	3535	2,172
01921	ELECTRIC SERVICE SYSTEM	15	1599	1981	10,939	10,939	10,939	0	3535	32,590
01922	ELECTRIC SERVICE SYSTEM	15	1599	1981	6,564	6,564	6,564	0	3535	19,556
01923	ELECTRIC SERVICE SYSTEM	13	1399	1981	23,482	23,482	23,482	0	3535	69,959
01924	ELECTRIC SERVICE SYSTEM	13	1399	1981	8,751	8,751	8,751	0	3535	26,071
01925	ELECTRIC SERVICE SYSTEM	13	1399	1981	972	972	972	0	3535	2,896
01926	ELECTRIC SERVICE SYSTEM	13	1399	1981	972	972	972	0	3535	2,896
01927	ELECTRIC SERVICE SYSTEM	13	1399	1981	972	972	972	0	3535	2,896
01928	ELECTRIC SERVICE SYSTEM	13	1399	1981	1,750	1,750	1,750	0	3535	5,214
02008	ELECTRIC SERVICE SYSTEM	1	199	1981	14,585	14,585	14,585	0	3535	43,452
02009	ELECTRIC SERVICE SYSTEM	1	199	1981	80,219	80,219	80,219	0	3535	238,993
02010	ELECTRIC SERVICE SYSTEM	1	199	1981	729	729	729	0	3535	2,172
02011	ELECTRIC SERVICE SYSTEM	1	199	1981	4,376	4,376	4,376	0	3535	13,037
02012	ELECTRIC SERVICE SYSTEM	1	199	1981	2,188	2,188	2,188	0	3535	6,519
02013	ELECTRIC SERVICE SYSTEM	1	199	1981	72,926	72,926	72,926	0	3535	217,265
02014	ELECTRIC SERVICE SYSTEM	7	799	1981	1,458	1,458	1,458	0	3535	4,344
02015	ELECTRIC SERVICE SYSTEM	7	799	1981	32,663	32,663	32,663	0	3535	97,312

Table A
MRWPCA Capacity Charge Update
Wastewater Fixed Asset Cost Basis

Excludes Water Reclamation Assets

Engineering News-Record Construction Cost Index (20-Cities Avg), January 2017 10531.68

Asset #	Description	Location 1	Location 2	Acquisition Year	Original Cost	Original Cost (w/ Adjustments)	Accumulated Depreciation	Depreciated Cost Basis	ENR-CCI for Acquisition Year	ENR-Adjusted Original Cost (w/ Adjustments)
02016	ELECTRIC SERVICE SYSTEM	7	799	1981	36,453	36,453	36,453	0	3535	108,603
02017	ELECTRIC SERVICE SYSTEM	15	1599	1981	4,959	4,959	4,959	0	3535	14,774
02018	ELECTRIC SERVICE SYSTEM	15	1599	1981	1,750	1,750	1,750	0	3535	5,214
02019	ELECTRIC SERVICE SYSTEM	15	1599	1981	10,939	10,939	10,939	0	3535	32,590
02020	ELECTRIC SERVICE SYSTEM	15	1599	1981	5,835	5,835	5,835	0	3535	17,384
02021	ELECTRIC SERVICE SYSTEM	15	1599	1981	6,272	6,272	6,272	0	3535	18,686
02022	ELECTRIC SERVICE SYSTEM	15	1599	1981	2,916	2,916	2,916	0	3535	8,688
02023	ELECTRIC SERVICE SYSTEM	15	1599	1981	4,376	4,376	4,376	0	3535	13,037
02024	ELECTRIC SERVICE SYSTEM	15	1599	1981	875	875	875	0	3535	2,607
02025	ELECTRIC SERVICE SYSTEM	15	1599	1981	1,313	1,313	1,313	0	3535	3,912
02026	ELECTRIC SERVICE SYSTEM	15	1599	1981	2,917	2,917	2,917	0	3535	8,690
02027	ELECTRIC SERVICE SYSTEM	13	1399	1981	2,917	2,917	2,917	0	3535	8,690
02028	ELECTRIC SERVICE SYSTEM	13	1399	1981	2,917	2,917	2,917	0	3535	8,690
02029	ELECTRIC SERVICE SYSTEM	13	1399	1981	5,835	5,835	5,835	0	3535	17,384
02030	ELECTRIC SERVICE SYSTEM	13	1399	1981	8,168	8,168	8,168	0	3535	24,335
02031	ELECTRIC SERVICE SYSTEM	13	1399	1981	4,376	4,376	4,376	0	3535	13,037
02032	ELECTRIC SERVICE SYSTEM	13	1399	1981	875	875	875	0	3535	2,607
02033	ELECTRIC SERVICE SYSTEM	13	1399	1981	1,313	1,313	1,313	0	3535	3,912
02034	ELECTRIC SERVICE SYSTEM	13	1399	1981	32,088	32,088	32,088	0	3535	95,598
02042	AIR TREATMENT SYSTEM	1	199	1981	2,917	2,917	2,917	0	3535	8,690
02043	AIR TREATMENT SYSTEM	1	199	1981	729	729	729	0	3535	2,172
02044	AIR TREATMENT SYSTEM	1	199	1981	4,376	4,376	4,376	0	3535	13,037
02055	AIR TREATMENT SYSTEM	1	199	1983	29,171	29,171	29,171	0	4066	75,558
02075	AIR TREATMENT SYSTEM	1	199	1981	7,292	7,292	7,292	0	3535	21,725
02076	AIR TREATMENT SYSTEM	1	199	1981	4,376	4,376	4,376	0	3535	13,037
03191	FENCING, APPROX 40 LIN. FEET	1	199	1981	4,667	4,667	4,083	584	3535	13,904
03192	PAVING, ASPHALT, APPROX. 4900 SQ.	1	199	1981	5,828	5,828	5,828	0	3535	17,363
03196	FENCE, CONC BLOCK, APPROX 65 LIN.FT	7	799	1988	5,817	5,817	5,817	0	4519	13,557
03197	PAVING, CONCRETE, APPROX 900 SQ FT	7	799	1980	3,415	3,415	3,415	0	3237	11,111
00001	INTERNET MONITORING SOFTWARE	90	9001	1999	1,824	1,824	1,824	0	6059	3,170
00013	UTILITY MGMT SOFTWARE, 3.1 PRO	90	9001	1999	4,369	4,369	4,369	0	6059	7,594
00014	SIGMA 950 FLOW METERS W/PROBES	888	0	1999	8,072	8,072	8,072	0	6059	14,031
00015	SIGMA 950 FLOW METERS W/PROBES	888	0	1999	8,072	8,072	8,072	0	6059	14,031
00018	WACKER 3" DIAPHRAGM TRASH PUMP	888	0	1999	2,207	2,207	2,207	0	6059	3,836
00019	6" HIGH PRESSURE GODWIN PUMP	888	0	1999	56,335	56,335	56,335	0	6059	97,921
00021	BOGS LIGHT TOWER, MDL BTK 64MH	888	0	1999	8,131	8,131	8,131	0	6059	14,133
00022	ROTALIGN PRO LASER SHAFT ALIGNMENT	888	0	1999	19,828	19,828	19,828	0	6059	34,465
00023	ALTRONIC CPU-95 DIGITAL IGNITION SYS	80	80040	2000	24,473	24,473	24,473	0	6221	41,431
00025	PALLET STORAGE SYSTEM	80	80330	1999	6,780	6,780	6,780	0	6059	11,784
00027	KURZ 540 FT, 64 IN-LINE FLOW	80	80040	2000	5,389	5,389	5,389	0	6221	9,124
00029	ALLAN GRADLEY PLC 5 SERIES,	80	80040	2000	57,898	57,898	57,898	0	6221	98,017
00030	DOLPHIN HAND HELD DATA LOGGER	888	80990	2000	2,603	2,603	2,603	0	6221	4,407
00031	6" BAILEY FISCHER PORTER BIPOLAR	80	80201	2000	3,492	3,492	3,492	0	6221	5,912
00032	6" BAILEY FISCHER PORTER BIPOLAR	80	80202	2000	3,492	3,492	3,492	0	6221	5,912
00034	BRUSH CAT ROTARY CUTTER ATTACHMT	80	80330	1999	4,689	4,689	4,689	0	6059	8,150
00036	POWER CONVERTER - SINGLE PHASE	80	0	1999	1,287	1,287	1,287	0	6059	2,237
00038	MOTOROLA QUANTAR REPEATER	80	0	1999	12,960	12,960	12,960	0	6059	22,527
00039	FERRIC PUMP SYSTEM - SIGMA MDL	1	101	1999	7,847	7,847	7,847	0	6059	13,639
00040	FERRIC PUMP SYSTEM - SIGMA MDL	27	2701	1999	7,847	7,847	7,847	0	6059	13,639
00043	SURGE PROTECTORS, TRANSTECTOR CAT	80	80131	1999	8,278	8,278	8,278	0	6059	14,390
00044	PRIMUS 221 DIAPHRAGM DOSING PUMPS	1	101	1999	3,282	3,282	3,282	0	6059	5,705
00045	HK REBUILT TURBOCHARGER FOR COGEN	80	80040	2000	23,296	23,296	23,296	0	6221	39,439
00046	5,000 GAL XLINK POLY STORAGE TANK	80	80100	2000	3,868	3,868	3,868	0	6221	6,548
00047	FAIRBANKS 3950 SERIES HIGH SPEED	80	80315	2000	1,964	1,964	1,964	0	6221	3,326
00049	2 YARD GALV STEEL SELF DUMPING	80	80315	2000	2,155	2,155	2,155	0	6221	3,648
00052	TOSHIBA VACUUM BREAKER VY20M2SA	80	80040	2000	18,179	18,179	18,179	0	6221	30,775
00053	BOOM TRUCK, GMC C70 DIESEL	888	80990	2000	89,394	89,394	89,394	0	6221	151,336
00054	SIGMA 950 PH FLOW METER W/TEMP	888	80990	2000	2,055	2,055	2,055	0	6221	3,479
00055	72"X30" DESK W/LEFT HAND RETURN	80	1736	2000	1,317	1,317	1,317	0	6221	2,229
00059	ALLSTEEL CUSTOM U-SHAPED	80	80010	2000	1,313	1,313	1,313	0	6221	2,222
00062	RSLOG1X5 STANDARD PLC SOFTWARE	80	80111	2000	3,576	3,576	3,576	0	6221	6,053
00066	HEWLETT PACKARD 950 FAX MACHINE	90	9001	1994	896	896	896	0	5408	1,745
00067	XEROX COPIER	90	9001	1994	7,103	7,103	7,103	0	5408	13,833
00068	UPGRADE BOARD ROOM P.A. SYSTEM	90	9099	1994	4,778	4,778	4,778	0	5408	9,305
00069	ALOS Z40 MICROFILE READER/PRINTER	90	9001	1994	3,142	3,142	3,142	0	5408	6,119
00070	MINOLTA EP2152 PRO COPIER	80	80020	1994	3,280	3,280	3,280	0	5408	6,388
00072	NICAD BATTERIES	80	80010	1994	3,366	3,366	3,366	0	5408	6,555
00073	RMT-AA-100 CIRCUIT BOARDS	27	2799	1994	2,656	2,656	2,656	0	5408	5,172
00074	FRE FIELD REGULATOR	27	2799	1994	3,450	3,450	3,450	0	5408	6,719
00075	OSCILLOSCOPE, HIVOLT PROBE, CABLE,	80	0	1994	3,783	3,783	3,783	0	5408	7,367
00077	WELDER TIG 300/300 WIPER	80	0	1995	5,247	5,247	5,247	0	5471	10,100
00078	BAFFEY 2-TON BRIDGE CRANE	80	0	1995	24,978	24,978	24,978	0	5471	48,083
00079	CAST IRON MUFFIN MONSTER - 32'	13	0	1994	20,934	20,934	20,934	0	5408	40,767
00080	64" PANEL SAW W/STAND & JET 8" JOIN	80	0	1994	3,183	3,183	3,183	0	5408	6,199
00081	DUMORE SERIES 57 EXT/INT TOOL GRIND	80	0	1995	3,200	3,200	3,200	0	5471	6,160
00082	UNITHERM METAL SPRAY KIT	80	0	1994	2,541	2,541	2,541	0	5408	4,948
00084	PLC PROGRAMMING SOFTWARE &	1	0	1995	4,510	4,510	4,510	0	5471	8,682
00085	PLC INSTALLING & PROGRAMMING	1	0	1995	6,096	6,096	6,096	0	5471	11,735
00087	MUFFIN MONSTER W/3 HP ELECTRIC	80	80315	1995	14,406	14,406	14,406	0	5471	27,732
00089	MUFFIN MONSTER W/3HP ELECTRIC	80	80213	1995	14,406	14,406	14,406	0	5471	27,732
00092	ABRA 2000 HR MGMT. SYSTEM SOFTWARE	90	0	1995	5,492	5,492	5,492	0	5471	10,572

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Excludes Water Reclamation Assets

Engineering News-Record Construction Cost Index (20-Cities Avg), January 2017	10531.68

Asset #	Description	Location 1	Location 2	Acquisition Year	Original Cost	Original Cost (w/ Adjustments)	Accumulated Depreciation	Depreciated Cost Basis	ENR-CCI for Acquisition Year	ENR-Adjusted Original Cost (w/ Adjustments)
00093	ABRA 2000 WINDOWS & Y2K	90	9001	1999	1,190	1,190	1,190	0	6059	2,068
00097	LCD OVERHEAD PROJECTOR	90	9001	1995	3,630	3,630	3,630	0	5471	6,988
00098	TOSHIBA T2100 ACT NOTEBOOK COMPUTER	90	9001	1995	3,125	3,125	3,125	0	5471	6,016
00099	CASTELLE FAXPRESS 2000	90	9001	1995	2,197	2,197	2,197	0	5471	4,229
00106	TOSHIBA TI960 NOTEBOOK COMPUTER	80	0	1994	2,800	2,800	2,800	0	5408	5,453
00107	HP LASERJET 4SI PRINTER	80	80010	1994	3,643	3,643	3,643	0	5408	7,094
00112	HP LASERJET 4 PLUS PRINTER	90	9001	1994	1,453	1,453	1,453	0	5408	2,830
00113	WORKSTATION FURN - FORMLINE DESK,	80	0	1995	2,316	2,316	2,316	0	5471	4,458
00114	UTILITY MGMT. SYSTEM CONVERSION	90	0	1995	32,856	32,856	32,856	0	5471	63,248
00116	ADDITIONAL EQUIPMENT TO EXPAND RTP	80	0	1994	4,470	4,470	4,470	0	5408	8,705
00117	8" MUFFIN MONSTER	80	0	1994	11,850	11,850	11,850	0	5408	23,077
00119	WIZARD ISO 3 AXIS ANILAM DIGITAL	80	0	1995	934	934	934	0	5471	1,798
00120	MIKASA TAMPER	80	0	1994	2,820	2,820	2,820	0	5408	5,492
00123	FLYGT SUBMERSIBLE PUMP	26	0	1995	7,977	7,977	7,977	0	5471	15,356
00124	CONFINED SMALL RETRIEVAL SYSTEM	80	0	1995	15,424	15,424	15,424	0	5471	29,691
00125	TELEMETRY DIALER-MICROTEL MCS524	13	0	1995	3,596	3,596	3,596	0	5471	6,922
00126	UPS 120V BACKUP POWER SUPPLY FOR PL	80	80060	1994	2,048	2,048	2,048	0	5408	3,988
00127	CORAL ST. & FOUNTAIN AVE. PUMP SINS	15	0	1995	15,704	15,704	15,704	0	5471	30,230
00128	CORAL ST. & FOUNTAIN AVE. PUMP SINS	13	0	1995	45,698	45,698	45,698	0	5471	87,969
00135	NETWORK TAPE BACKUP-MOUNTAIN	90	9001	1995	1,876	1,876	1,876	0	5471	3,611
00138	FLYGT SUBMERSIBLE PUMP	26	0	1995	8,223	8,223	8,223	0	5471	15,829
00153	LAN/NETWORK SYTEM UPGRADE	90	9001	1995	25,782	25,782	25,782	0	5471	49,630
00154	TEKTRONIK PHASER 340 COLOR PRINTER	90	0	1995	5,379	5,379	5,379	0	5471	10,355
00160	HP INKJET PLOTTER C3187A	90	9001	1995	2,758	2,758	2,758	0	5471	5,309
00161	RITIER 4 X 132 EDGE SANDEK 1 PH	80	0	1995	1,905	1,905	1,905	0	5471	3,667
00168	6500 GAL POLYETHELENE TANK	27	0	1995	3,727	3,727	3,727	0	5471	7,174
00169	ALUMINUM GANTRY CRANES W/2 TOLL	80	0	1995	17,291	17,291	17,291	0	5471	33,285
00170	WALTON 8 X 12 FLATBED TRAILER	80	0	1995	4,579	4,579	4,579	0	5471	8,815
00172	PLC COMPONENTS FAR SCADA SYSTEM	27	0	1995	27,715	27,715	27,715	0	5471	53,351
00173	PLC COMPONENTS-ANALOG MODULE	23	0	1995	7,838	7,838	7,838	0	5471	15,088
00174	VIBRATION SWITCHES	23	0	1995	5,035	5,035	5,035	0	5471	9,692
00175	PROGRAMMING & INSTALLATION OF NEW	23	0	1995	8,750	8,750	8,750	0	5471	16,844
00176	WELLS CARGO TW121-M UTILITY	80	0	1995	3,954	3,954	3,954	0	5471	7,611
00178	PNEUMATIC CALIBRATOR W/TRANSDUCER	80	0	1995	2,374	2,374	2,374	0	5471	4,570
00183	WEIR WASHER SYSTEM, 2ND CLARIFIER #1	80	80141	2000	9,416	9,416	9,416	0	6221	15,941
00184	WEIR WASHER SYSTEM 2ND CLARIFIER #2	80	80142	2000	9,416	9,416	9,416	0	6221	15,941
00185	WEIR WASHER SYSTEM 2ND CLARIFIER #3	80	80143	2000	9,416	9,416	9,416	0	6221	15,941
00186	WEIR WASHER SYSTEM 2ND CLARIFIER #4	80	80144	2000	9,416	9,416	9,416	0	6221	15,941
00187	WEIR WASHER SYSTEM 2ND CLARIFIER #5	80	80145	2000	9,416	9,416	9,416	0	6221	15,941
00188	DIESEL STORAGE TANK & FITTINGS	1	101	2000	47,024	47,024	37,811	9,213	6221	79,608
00189	DIESEL STORAGE TANK & FITTINGS	80	80340	2000	55,620	60,579	48,461	12,118	6221	102,555
00191	DIESEL STORAGE TANK & FITTINGS	13	1301	2000	25,760	25,760	20,713	5,047	6221	43,609
00193	DIESEL STORAGE TANK & FITTINGS	23	2301	2000	48,382	48,382	38,903	9,479	6221	81,908
00194	DIESEL STORAGE TANK & FITTINGS	24	2401	2000	69,256	69,256	55,687	13,569	6221	117,245
00195	DIESEL STORAGE TANK & FITTINGS	25	2501	2000	51,683	51,683	41,557	10,126	6221	87,496
00196	FUEL TANK RETROFIT	26	2601	2000	9,950	9,950	9,950	0	6221	16,845
00197	DIESEL STORAGE TANK & FITTINGS	27	2701	2000	64,162	64,162	51,591	12,571	6221	108,621
00198	PLC RADIO SYSTEM AB1747-L552 SCADA	23	2301	2000	4,642	4,642	4,642	0	6221	7,858
00199	ANTENNA SCADA PH IV	26	2601	2000	294	294	294	0	6221	498
00200	ANTENNA SCADA PH IV	27	2701	2000	294	294	294	0	6221	498
00201	RADIO PS SCADA PH IV	27	2701	2000	2,272	2,272	2,272	0	6221	3,847
00202	RADIO PS SCADA PH IV	26	2601	2000	2,272	2,272	2,272	0	6221	3,847
00203	RADIO PS SCADA PH IV	25	2501	2000	2,272	2,272	2,272	0	6221	3,847
00204	RADIO PS SCADA PH IV	30	3001	2000	2,272	2,272	2,272	0	6221	3,847
00205	RADIO PS SCADA PH IV	24	2401	2000	2,272	2,272	2,272	0	6221	3,847
00206	RADIO PS SCADA PH IV	23	2301	2000	2,272	2,272	2,272	0	6221	3,847
00207	RADIO PS SCADA PH IV	7	704	2000	2,272	2,272	2,272	0	6221	3,847
00208	RADIO PS SCADA PH IV	1	101	2000	2,272	2,272	2,272	0	6221	3,847
00209	ANTENNA SCADA PH IV	13	1301	2000	294	294	294	0	6221	498
00210	RADIO PS SCADA PH IV	15	1501	2000	2,272	2,272	2,272	0	6221	3,847
00211	RADIO PS SCADA PH IV	13	1301	2000	2,272	2,272	2,272	0	6221	3,847
00212	ANTENNA SCADA PH IV	15	1501	2000	294	294	294	0	6221	498
00213	ANTENNA SCADA PH IV	1	101	2000	294	294	294	0	6221	498
00214	ANTENNA SCADA PH IV	7	704	2000	294	294	294	0	6221	498
00215	ANTENNA SCADA PH IV	23	2301	2000	294	294	294	0	6221	498
00216	ANTENNA SCADA PH IV	24	2401	2000	294	294	294	0	6221	498
00217	ANTENNA SCADA PH IV	30	3001	2000	294	294	294	0	6221	498
00218	ANTENNA SCADA PH IV	25	2501	2000	294	294	294	0	6221	498
00219	DEMOLITION, PAINT, ELECTRICAL FOR	23	2301	2000	71,562	71,562	57,542	14,021	6221	121,150
00222	FRP DUCTWORK, PIPE, PIPE SUPPORTS	23	2301	2000	157,864	157,864	63,467	94,397	6221	267,252
00223	TROLLEY HOIST AND RAIL, 2 TON CAP	23	2301	2000	56,667	56,667	45,565	11,102	6221	95,933
00224	TROLLEY SUPPORTS ST. STEEL	23	2301	2000	6,715	6,715	5,399	1,316	6221	11,368
00225	DTAM SCREEN 40K 2707-L40P2 DATA	23	2301	2000	2,346	2,346	1,258	1,088	6221	3,972
00226	WATERLINE W/FRAILEN FUSION COUP	23	2399	2000	24,837	24,837	9,985	14,852	6221	42,047
00228	PLC MODIFICATIONS I/O CARDS	23	2301	2000	8,630	8,630	8,630	0	6221	14,610
00231	VFD CONTROL UPGRADE SOFTWARE	13	1301	2000	2,250	2,250	2,250	0	6221	3,809
00232	CHECK CUSHION SWING VALVE 8"	15	1501	2000	2,050	2,050	1,648	402	6221	3,470
00233	CHECK CUSHION SWING VALVE 8"	15	1501	2000	2,050	2,050	1,648	402	6221	3,470
00234	SLUICE GATE SA027	27	2701	2000	15,881	15,881	12,769	3,111	6221	26,885
00235	BALL PLUG CHERNE INFLAT 40"-60"	27	2701	2000	8,402	8,402	6,756	1,646	6221	14,223
00236	PLUG, SALINAS SLUICE GATE	27	2701	2000	4,415	4,415	3,550	865	6221	7,474

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00237	SURGE TANK W/COMPRESSOR S/N 13568	25	2501	2000	47,242	47,242	47,242	0	6221	79,977
00238	MAGNETIC CONTACTORS SIZE 4 SQD FOR	25	2501	2000	2,310	2,310	2,310	0	6221	3,911
00239	MAGNETIC CONTACTORS SIZE 4 SQD FOR	25	2501	2000	2,310	2,310	2,310	0	6221	3,911
00240	MAGNETIC CONTACTORS SIZE 4 SQD FOR	25	2501	2000	2,310	2,310	2,310	0	6221	3,911
00241	MAGNETIC CONTACTORS SIZE 4 SQD FOR	25	2501	2000	2,310	2,310	2,310	0	6221	3,911
00244	FORCE MAIN SUPPORT PEDESTAL	24	2401	2000	15,436	15,436	12,412	3,024	6221	26,132
00245	FORCE MAIN SUPPORT PEDESTAL	27	2701	2000	31,240	31,240	25,119	6,121	6221	52,887
00246	CHANNEL MONSTER CDD5016-GTS-63	1	101	2000	59,673	59,673	59,673	0	6221	101,022
00247	SCREEN ASSY R/HAND ULTRA SCREEN	1	101	2000	23,432	23,432	23,432	0	6221	39,669
00248	PUMP AND FITTINGS FLYGT CT-3231-430	13	1301	2000	90,465	90,465	90,465	0	6221	153,150
00249	DATATREK EDI SOFTWARE W/UTILITY MGMT	90	9001	2000	4,282	4,282	4,282	0	6221	7,248
00250	MODULAR WORK STATION SYSTEM	90	9001	2001	19,813	19,813	19,813	0	6343	32,896
00252	NETWORK CABELING UPGRADE	90	9001	2000	8,985	8,985	8,985	0	6221	15,210
00253	COMPUTER, DELL LATITUDE NOTEBOOK	888	9099	2000	1,906	1,906	1,906	0	6221	3,226
00258	CABINET, 4 DRAWER FIREPROOF FILE	90	9001	2000	1,607	1,607	1,607	0	6221	2,720
00260	KINGFILE VERTICAL DRAWING FILE	80	80011	2000	1,704	1,704	1,704	0	6221	2,885
00268	S2 2450 HPCA EXHAUST BLOWER FAN	23	2301	2001	10,856	10,856	8,186	2,670	6343	18,025
00269	LYNX SOFTWARE, COMPUTER, SERVER	80	80011	2000	9,322	9,322	9,322	0	6221	15,782
00271	MAKITA 14" GAS CUT-OFF SAW	80	80020	2000	1,381	1,381	1,381	0	6221	2,338
00273	STARTER AIR TURBINE	80	80040	2000	2,357	2,357	2,357	0	6221	3,989
00276	JENNY HPW 2040-OMP GAS PRESSURE	80	80040	2000	4,590	4,590	4,590	0	6221	7,771
00277	LOW PRESSURE CYLINDER, INCOOLER &	80	80040	2001	17,686	17,686	17,686	0	6343	29,366
00278	ALLEN BRADLEY ETHERNET PROCESSORS	80	80011	2001	7,269	7,269	7,269	0	6343	12,070
00279	TELOG 3 PHASE ANALYZER	80	80010	2000	4,710	4,710	4,710	0	6221	7,974
00280	GAS DETECTOR	80	80010	2000	1,666	1,666	1,666	0	6221	2,821
00281	TRANSTECTOR SURGE SUPPRESSION PC	80	80060	2000	6,891	6,891	6,891	0	6221	11,666
00282	RSVADSENE SOFTWARE	80	80040	2001	5,792	5,792	5,792	0	6343	9,616
00283	WASTE GAS METER	80	80350	2001	8,212	8,212	8,212	0	6343	13,635
00284	DIGESTER GAS METER	80	80010	2000	3,841	3,841	3,841	0	6221	6,502
00285	PORTABLE SUSPENDED SOLIDS ANALYZER	80	80990	2001	1,407	1,407	1,407	0	6343	2,336
00286	OFFICE WORK STATIONS	80	80011	2000	2,300	2,300	2,300	0	6221	3,895
00288	BINDING MACHINE MP2000/PB2600	90	9001	2000	2,503	2,503	2,503	0	6221	4,237
00289	PH METER	80	80100	2000	1,356	1,356	1,356	0	6221	2,295
00291	DELL HARD DISK DRIVES - 36G	90	9001	2000	1,789	1,789	1,789	0	6221	3,029
00292	TAYLOR-DUNN ELECTRUCK W/LADDER	888	80990	2001	13,253	13,253	13,253	0	6343	22,005
00294	ALLEN BRADLEY 504 PLC'S	80	80040	2001	49,537	49,537	49,537	0	6343	82,249
00298	40 FT METAL STORAGE CONTAINER	80	80020	2001	3,745	3,745	2,840	905	6343	6,218
00299	10,000 GALLON TANK	80	80990	2001	4,419	4,419	3,330	1,089	6343	7,337
00323	12" DIP	7	701	1981	11,009	11,009	9,632	1,377	3535	32,799
00324	BUILDING	7	701	1981	18,226	18,226	15,947	2,279	3535	54,300
00448	GATE AND HYDRAULIC OPERATOR	27	2701	1983	26,873	26,873	21,945	4,928	4066	69,606
00449	GATE AND HYDRAULIC OPERATOR	27	2701	1983	2,986	2,986	2,438	548	4066	7,734
00450	GATE AND HYDRAULIC OPERATOR	27	2701	1983	2,954	2,954	2,412	542	4066	7,651
00463	SOURCECONTROL SAMPLE PREP ROOM	80	80010	1994	41,941	41,941	26,061	15,880	5408	81,677
00466	LOCKER ROOM STRUCTURAL	80	80020	1995	6,499	6,499	3,945	2,554	5471	12,511
00479	LOCKERS FOR LOCKER ROOM	80	80020	1995	3,421	3,421	3,421	0	5471	6,585
00495	ROLL UP DOOR, STEEL	80	80040	1994	5,058	5,058	5,058	0	5408	9,850
00700	ADMINISTRATION BUILDING, CLASS D,	90	9001	1991	882,331	950,437	781,975	168,462	4835	2,070,259
00701	CERAMIC TILE	90	9001	1991	19,269	19,269	19,269	0	4835	41,972
00702	RESILIENT FLOORING	90	9001	1991	9,007	9,007	9,007	0	4835	19,619
00703	CARPET	90	9001	1991	24,095	24,095	24,095	0	4835	52,484
00704	TOILET ACCESSORIES	90	9001	1991	843	843	843	0	4835	1,836
00705	HVAC & ACCESSORIES	90	9001	1991	75,049	75,049	75,049	0	4835	163,473
00706	PLUMBING	90	9001	1991	21,916	21,916	21,916	0	4835	47,738
00707	FIRE PROTECTION	90	9001	1991	7,297	7,297	7,297	0	4835	15,894
00708	ELECTRICAL	90	9001	1991	63,734	63,734	63,734	0	4835	138,826
00709	ELEVATOR	90	9001	1991	57,692	57,692	57,692	0	4835	125,666
00710	MECHANICAL	90	9001	1991	11,386	11,386	11,386	0	4835	24,801
00711	COMPUTER/PHONE WIRING	90	9001	1991	12,918	12,918	12,918	0	4835	28,138
00712	ALARM	90	9001	1991	4,597	4,597	4,597	0	4835	10,013
00713	ADMIN BUILDING EXPANSION	90	9001	1994	20,512	20,512	18,255	2,258	5408	39,946
00714	CARPET	90	9001	1994	675	675	675	0	5408	1,315
00724	FLOWERMETER 3210, W/PLOTTER,	80	80010	1991	4,330	4,330	4,330	0	4835	9,432
02078	OPERATIONS EQUIPMENT	80	80020	1990	2,595	2,595	2,595	0	4732	5,776
02079	OPERATIONS EQUIPMENT	80	80020	1989	5,093	5,093	5,093	0	4615	11,623
02081	MAINTENANCE EQUIPMENT	80	80020	1989	4,890	4,890	4,890	0	4615	11,159
02082	MAINTENANCE EQUIPMENT	80	80020	1990	1,146	1,146	1,146	0	4732	2,551
02083	MAINTENANCE EQUIPMENT	80	80020	1989	1,352	1,352	1,352	0	4615	3,085
02084	MAINTENANCE EQUIPMENT	80	80020	1990	7,738	7,738	7,738	0	4732	17,222
02088	MAINTENANCE EQUIPMENT	80	80020	1990	598	598	598	0	4732	1,331
02089	MAINTENANCE EQUIPMENT	80	80020	1990	598	598	598	0	4732	1,331
02090	MAINTENANCE EQUIPMENT	100	10099	1988	3,021	3,021	3,021	0	4519	7,041
02107	OFFICE EQUIPMENT	90	9001	1986	671	671	671	0	4295	1,645
02108	SOURCE CONTROL EQUIPMENT	100	10099	1982	2,836	2,836	2,836	0	3825	7,809
02112	COMMUNICATION EQUIPMENT	100	10099	1986	1,414	1,414	1,414	0	4295	3,467
02113	COMMUNICATION EQUIPMENT	100	10099	1981	6,581	6,581	6,581	0	3535	19,607
02114	COMMUNICATION EQUIPMENT	100	10099	1982	1,389	1,389	1,389	0	3825	3,824
02115	COMMUNICATION EQUIPMENT	100	10099	1982	1,389	1,389	1,389	0	3825	3,824
02116	COMMUNICATION EQUIPMENT	100	10099	1983	1,434	1,434	1,434	0	4066	3,714
02117	COMMUNICATION EQUIPMENT	100	10099	1983	1,434	1,434	1,434	0	4066	3,714
02118	COMMUNICATION EQUIPMENT	100	10099	1983	1,434	1,434	1,434	0	4066	3,714

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02140	TRANSPORT EQUIPMENT	80	80990	1980	14,746	14,746	14,746	0	3237	47,977
02141	TRANSPORT EQUIPMENT	80	80990	1990	52,167	52,167	52,167	0	4732	116,104
02142	TRANSPORT EQUIPMENT	80	80990	1982	13,723	13,723	13,723	0	3825	37,785
02144	TRANSPORT EQUIPMENT	80	80990	1991	4,167	4,167	4,167	0	4835	9,077
02154	TRANSPORT EQUIPMENT	80	80990	1991	38,694	38,694	38,694	0	4835	84,284
02363	SALINAS PUMP STATION LAND & ACCESS	27	2799	1994	130,000	130,000	0	130,000	5408	253,165
02369	AMPLIFIER, 100 WATTS	90	9001	1991	715	715	715	0	4835	1,557
02371	MODULAR WORK STATION/EXECUTIVE	90	9001	1991	6,410	6,410	6,410	0	4835	13,962
02372	DESK, DBL PEDESTAL	90	9001	1991	1,085	1,085	1,085	0	4835	2,363
02373	MODULAR WORK STATION	90	9001	1991	5,424	5,424	5,424	0	4835	11,815
02374	MODULAR WORK STATION/RECEPTION	90	9001	1991	7,396	7,396	7,396	0	4835	16,110
02375	TABLE, CONFERENCE	90	9001	1982	1,805	1,805	1,805	0	3825	4,970
02376	TABLE, ROUND	90	9001	1991	740	740	740	0	4835	1,612
02377	TABLE, ROUND	90	9001	1991	247	247	247	0	4835	538
02378	TABLE, FOLDING LEG	90	9001	1991	173	173	173	0	4835	377
02379	TABLE, FOLDING LEG	90	9001	1991	518	518	518	0	4835	1,128
02380	TABLE, FOLDING LEG	90	9001	1991	345	345	345	0	4835	751
02381	TABLE, FOLDING LEG	90	9001	1991	345	345	345	0	4835	751
02382	TABLE, FOLDING LEG	90	9001	1991	173	173	173	0	4835	377
02383	TABLE, END	90	9001	1991	123	123	123	0	4835	268
02384	TABLE, MACHINE & TW	90	9001	1991	271	271	271	0	4835	590
02385	TABLE, COMPUTER	90	9001	1991	271	271	271	0	4835	590
02386	STAND, PRINTER	90	9001	1991	74	74	74	0	4835	161
02387	STAND, PRINTER	90	9001	1991	74	74	74	0	4835	161
02388	CHAIR, SIDE	90	9001	1991	2,219	2,219	2,219	0	4835	4,833
02389	CHAIR, ARM	90	9001	1991	271	271	271	0	4835	590
02390	CHAIR, ARM	90	9001	1991	1,085	1,085	1,085	0	4835	2,363
02391	CHAIR, SWIVEL, ARM	90	9001	1982	202	202	202	0	3825	556
02392	CHAIR, SWIVEL, ARM	90	9001	1991	2,761	2,761	2,761	0	4835	6,014
02393	CHAIR, SWIVEL, ARM	90	9001	1991	276	276	276	0	4835	601
02394	CHAIR, SWIVEL, ARM	90	9001	1991	276	276	276	0	4835	601
02395	CHAIR, KITCHEN	90	9001	1991	2,959	2,959	2,959	0	4835	6,445
02396	CHAIR, EXEC.	90	9001	1991	464	464	464	0	4835	1,011
02397	CHAIR, STACKING, UPHOLSTERED	90	9001	1991	1,460	1,460	1,460	0	4835	3,180
02398	STOOL, W/BACK	90	9001	1991	380	380	380	0	4835	828
02399	CHAIR, LOUNGE	90	9001	1991	641	641	641	0	4835	1,396
02400	CABINET, 2 DR STORAGE, 36X18X72IN	90	9001	1991	321	321	321	0	4835	699
02401	CABINET, 2 DR STORAGE, 36X18X42IN	90	9001	1991	321	321	321	0	4835	699
02402	CABINET, A-V MEDIA STORAGE	90	9001	1991	321	321	321	0	4835	699
02403	BOOKCASE, 2-3 TIER, 36IN	90	9001	1991	247	247	247	0	4835	538
02404	BOOKCASE, 6-7 TIER, 48IN	90	9001	1991	419	419	419	0	4835	913
02405	STAND, TYPEWRITER	90	9001	1991	123	123	123	0	4835	268
02406	STAND, TYPEWRITER	90	9001	1982	90	90	90	0	3825	248
02407	LECTERN, W/MIKE STAND	90	9001	1991	419	419	419	0	4835	913
02408	FILE, 2-4 DWR, LETTER	90	9001	1991	1,208	1,208	1,208	0	4835	2,631
02409	FILE, 2-4 DWR, LETTER	90	9001	1991	1,208	1,208	1,208	0	4835	2,631
02410	FILE, 2-4 DWR, LEGAL	90	9001	1991	2,959	2,959	2,959	0	4835	6,445
02411	FILE, 4-5 DWR, LATERAL	90	9001	1991	444	444	444	0	4835	967
02412	FILE, 4 DWR, FIREPROOF	90	9001	1982	830	830	830	0	3825	2,285
02413	FILE, 4 DWR, FIREPROOF	90	9001	1991	2,268	2,268	2,268	0	4835	4,940
02414	FILE, 4 DWR, FIREPROOF	90	9001	1991	6,805	6,805	6,805	0	4835	14,823
02415	FILE, 4 DWR, FIREPROOF	90	9001	1991	2,268	2,268	2,268	0	4835	4,940
02422	PLOTTER	90	9001	1989	1,766	1,766	1,766	0	4615	4,030
02423	COPIER	90	9001	1991	3,531	3,531	3,531	0	4835	7,691
02427	CALCULATOR, PRINT/DISPLAY	90	9001	1991	161	161	161	0	4835	351
02428	DICTATOR/TRANSCRIBER	90	9001	1991	494	494	494	0	4835	1,076
02429	DICTATOR/TRANSCRIBER	90	9001	1987	512	512	512	0	4406	1,224
02431	TYPEWRITER, WHEELWRITER	90	9001	1991	905	905	905	0	4835	1,971
02432	CRT/TERMINAL	90	9001	1991	807	807	807	0	4835	1,758
02433	MAILING MACHINE	90	9001	1987	4,194	4,194	4,194	0	4406	10,025
02434	POSTAL SCALE	90	9001	1991	1,068	1,068	1,068	0	4835	2,326
02435	PAPER FOLDING MACHINE	90	9001	1988	2,366	2,366	2,366	0	4519	5,514
02436	SHREDDER, PAPER	90	9001	1991	461	461	461	0	4835	1,004
02437	PUNCH/BINDER COMBINATION	90	9001	1990	2,633	2,633	2,633	0	4732	5,860
02439	ENVELOPE STUFFER	90	9001	1989	15,900	15,900	15,900	0	4615	36,285
02443	MODULAR WORKSTATION/SUPERVISOR	90	9001	1991	5,424	5,424	5,424	0	4835	11,815
02444	MODULAR WORKSTATION	90	9001	1991	20,710	20,710	20,710	0	4835	45,111
02445	TABLE, FOLDING LEG	90	9001	1991	173	173	173	0	4835	377
02446	TABLE, END	90	9001	1991	123	123	123	0	4835	268
02447	TABLE, MACHINE & TW	90	9001	1991	232	232	232	0	4835	505
02448	TABLE, MACHINE & TW	90	9001	1991	232	232	232	0	4835	505
02449	TABLE, MACHINE & TW	90	9001	1991	232	232	232	0	4835	505
02450	TABLE, CONFERENCE, 8FT	90	9001	1991	1,085	1,085	1,085	0	4835	2,363
02451	TABLE, COMPUTER W/SHELVES	90	9001	1991	370	370	370	0	4835	806
02452	TABLE, COMPUTER W/SHELVES	90	9001	1991	370	370	370	0	4835	806
02453	CHAIR, ARM	90	9001	1991	271	271	271	0	4835	590
02454	CHAIR, ARM	90	9001	1991	542	542	542	0	4835	1,181
02455	CHAIR, ARM	90	9001	1991	271	271	271	0	4835	590
02456	CHAIR, ARM	90	9001	1991	814	814	814	0	4835	1,773
02457	CHAIR, ARM	90	9001	1991	271	271	271	0	4835	590
02458	CHAIR, ARM	90	9001	1991	542	542	542	0	4835	1,181

Table A
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Wastewater Fixed Asset Cost Basis

Excludes Water Reclamation Assets

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Asset #	Description	Location 1	Location 2	Acquisition Year	Original Cost	Original Cost (w/ Adjustments)	Accumulated Depreciation	Depreciated Cost Basis	ENR-CCI for Acquisition Year	ENR-Adjusted Original Cost (w/ Adjustments)
02459	CHAIR, ARM	90	9001	1991	271	271	271	0	4835	590
02460	CHAIR, SWIVEL, ARM	90	9001	1991	276	276	276	0	4835	601
02461	CHAIR, SWIVEL, ARM	90	9001	1991	276	276	276	0	4835	601
02462	CHAIR, SWIVEL, ARM	90	9001	1991	276	276	276	0	4835	601
02463	CHAIR, SWIVEL, ARM	90	9001	1991	276	276	276	0	4835	601
02464	CHAIR, SWIVEL, ARM	90	9001	1991	276	276	276	0	4835	601
02465	CHAIR, SWIVEL, ARM	90	9001	1991	276	276	276	0	4835	601
02466	CHAIR, SWIVEL, ARM	90	9001	1991	552	552	552	0	4835	1,202
02467	CHAIR, SEC. POSTURE	90	9001	1991	552	552	552	0	4835	1,202
02468	CHAIR, SEC. POSTURE	90	9001	1991	276	276	276	0	4835	601
02469	CHAIR, SEC. POSTURE	90	9001	1991	276	276	276	0	4835	601
02470	BOOKCASE, 2-3 TIER, 36IN	90	9001	1991	247	247	247	0	4835	538
02471	BOOKCASE, 2-3 TIER, 36IN	90	9001	1991	247	247	247	0	4835	538
02472	FILE, 2-4 DWR, LETTER	90	9001	1991	173	173	173	0	4835	377
02473	FILE, 2-4 DWR, LETTER	90	9001	1991	173	173	173	0	4835	377
02474	FILE, 2-4 DWR, LEGAL	90	9001	1991	197	197	197	0	4835	429
02475	SYSTEM FILE TAB	90	9001	1991	6,410	6,410	6,410	0	4835	13,962
02476	FILE, 2-3 DWR, LATERAL	90	9001	1991	986	986	986	0	4835	2,148
02477	FILE, 4 DWR, FIREPROOF	90	9001	1991	2,268	2,268	2,268	0	4835	4,940
02478	SHELVING, 5-8 TIER, 36IN	90	9001	1991	296	296	296	0	4835	645
02479	RACK, COMPUTER BINDER	90	9001	1991	567	567	567	0	4835	1,235
02488	READER, MICROFICHE	90	9001	1989	363	363	363	0	4615	828
02489	READER, MICROFICHE	90	9001	1989	363	363	363	0	4615	828
02490	READER/PRINTER, MICROFICHE	90	9001	1989	2,327	2,327	2,327	0	4615	5,310
02491	READER/PRINTER, MICROFICHE	90	9001	1982	1,937	1,937	1,937	0	3825	5,333
02492	READER/PRINTER, MICROFICHE	90	9001	1989	2,327	2,327	2,327	0	4615	5,310
02493	READER, MICROFICHE	90	9001	1989	363	363	363	0	4615	828
02494	READER, MICROFICHE	90	9001	1989	363	363	363	0	4615	828
02495	CALCULATOR, PRINT/DISPLAY	90	9001	1991	161	161	161	0	4835	351
02496	CALCULATOR, PRINT/DISPLAY	90	9001	1991	161	161	161	0	4835	351
02497	CALCULATOR, PRINT/DISPLAY	90	9001	1991	161	161	161	0	4835	351
02498	CALCULATOR, PRINT/DISPLAY	90	9001	1991	323	323	323	0	4835	704
02499	CALCULATOR, PRINT/DISPLAY	90	9001	1991	161	161	161	0	4835	351
02500	TYPEWRITER, WHEELWRITER	90	9001	1986	1,013	1,013	1,013	0	4295	2,484
02505	LETTER OPENER	90	9001	1986	1,126	1,126	1,126	0	4295	2,761
02506	BILL COUNTER	90	9001	1972	3,175	3,175	3,175	0	1753	19,075
02507	MODULAR, WORKSTATION	90	9001	1991	3,452	3,452	3,452	0	4835	7,519
02508	MODULAR, WORKSTATION	90	9001	1991	3,452	3,452	3,452	0	4835	7,519
02509	MODULAR, WORKSTATION	90	9001	1991	5,424	5,424	5,424	0	4835	11,815
02510	MODULAR, WORKSTATION	90	9001	1991	3,452	3,452	3,452	0	4835	7,519
02511	MODULAR, WORKSTATION	80	80020	1991	3,452	3,452	3,452	0	4835	7,519
02512	MODULAR, WORKSTATION	90	9001	1991	5,424	5,424	5,424	0	4835	11,815
02513	TABLE, ROUND	90	9001	1991	247	247	247	0	4835	538
02514	TABLE, COMPUTER	90	9001	1991	419	419	419	0	4835	913
02515	TABLE, COMPUTER W/SHELVES	80	80020	1990	458	458	458	0	4732	1,019
02516	STAND, PRINTER	90	9001	1991	74	74	74	0	4835	161
02517	CHAIR, ARM	90	9001	1991	271	271	271	0	4835	590
02518	CHAIR, ARM	90	9001	1991	814	814	814	0	4835	1,773
02519	CHAIR, ARM	90	9001	1991	542	542	542	0	4835	1,181
02520	CHAIR, ARM	90	9001	1991	542	542	542	0	4835	1,181
02521	CHAIR, ARM	80	80020	1982	397	397	397	0	3825	1,093
02522	CHAIR, SWIVEL, ARM	90	9001	1991	276	276	276	0	4835	601
02523	CHAIR, SWIVEL, ARM	90	9001	1991	552	552	552	0	4835	1,202
02524	CHAIR, SWIVEL, ARM	80	80020	1982	202	202	202	0	3825	556
02525	CHAIR, SWIVEL, ARM	90	9001	1991	276	276	276	0	4835	601
02526	CHAIR, SWIVEL, ARM	90	9001	1991	276	276	276	0	4835	601
02527	CHAIR, SEC. POSTURE	90	9001	1991	493	493	493	0	4835	1,074
02528	CHAIR, SEC. POSTURE	90	9001	1991	247	247	247	0	4835	538
02529	CHAIR, SEC. POSTURE	80	80020	1982	361	361	361	0	3825	994
02530	CABINET, 2 DR STORAGE, 36X18X72IN	80	80020	1982	235	235	235	0	3825	647
02531	CABINET, 2 DR STORAGE, 36X18X42IN	90	9001	1991	321	321	321	0	4835	699
02532	CABINET, 2 DR STORAGE, 36X18X42IN	90	9001	1991	271	271	271	0	4835	590
02533	CABINET, 2 DR STORAGE, 36X18X42IN	90	9001	1991	814	814	814	0	4835	1,773
02534	CABINET, 2 DR STORAGE, 36X18X42IN	90	9001	1991	542	542	542	0	4835	1,181
02535	CABINET, PRINTER, SOUNDPROOF	90	9001	1991	468	468	468	0	4835	1,019
02536	BOOKCASE, 2-3 TIER, 36IN	80	80020	1990	241	241	241	0	4732	536
02537	BOOKCASE, 2-3 TIER, 36IN	90	9001	1991	740	740	740	0	4835	1,612
02538	BOOKCASE, 4-5 TIER, 36IN	80	80020	1982	235	235	235	0	3825	647
02539	BOOKCASE, 4-5 TIER, 36IN	90	9001	1991	641	641	641	0	4835	1,396
02540	FILE, 2-4 DWR, LETTER	80	80020	1990	338	338	338	0	4732	752
02541	FILE, 2-4 DWR, LEGAL	90	9001	1991	1,381	1,381	1,381	0	4835	3,008
02542	FILE, 2-4 DWR, LEGAL	80	80020	1982	578	578	578	0	3825	1,591
02543	FILE, 2-3 DWR, LATERAL	90	9001	1991	1,282	1,282	1,282	0	4835	2,792
02544	FILE, 2-3 DWR, LATERAL	90	9001	1991	321	321	321	0	4835	699
02545	FILE, 2-3 DWR, LATERAL	90	9001	1991	321	321	321	0	4835	699
02546	RACK, COMPUTER BINDER, 5 TIER	90	9001	1987	938	938	938	0	4406	2,242
02562	CALCULATOR, PRINT/DISPLAY	90	9001	1991	161	161	161	0	4835	351
02563	CALCULATOR, PRINT/DISPLAY	90	9001	1991	161	161	161	0	4835	351
02564	CALCULATOR, PRINT/DISPLAY	90	9001	1991	161	161	161	0	4835	351
02565	CALCULATOR, PRINT/DISPLAY	90	9001	1991	161	161	161	0	4835	351
02566	CALCULATOR, PRINT/DISPLAY	90	9001	1991	161	161	161	0	4835	351

Table A
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Wastewater Fixed Asset Cost Basis

Excludes Water Reclamation Assets

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Asset #	Description	Location 1	Location 2	Acquisition Year	Original Cost	Original Cost (w/ Adjustments)	Accumulated Depreciation	Depreciated Cost Basis	ENR-CCI for Acquisition Year	ENR-Adjusted Original Cost (w/ Adjustments)
02567	CALCULATOR, PRINT/DISPLAY	80	80020	1990	341	341	341	0	4732	759
02568	CALCULATOR, PRINT/DISPLAY	90	9001	1991	323	323	323	0	4835	704
02570	TYPEWRITER, WHEELWRITER	90	9001	1991	905	905	905	0	4835	1,971
02573	MODULAR, WORKSTATION/RECEPTION	90	9001	1991	6,410	6,410	6,410	0	4835	13,962
02574	MODULAR, WORKSTATION/EXECUTIVE	90	9001	1991	10,848	10,848	10,848	0	4835	23,629
02575	MODULAR, WORKSTATION	80	80010	1991	6,903	6,903	6,903	0	4835	15,036
02576	TABLE, ROUND	90	9001	1991	247	247	247	0	4835	538
02577	TABLE, END	90	9001	1991	123	123	123	0	4835	268
02578	TABLE, END	90	9001	1991	123	123	123	0	4835	268
02579	CHAIR, SIDE	90	9001	1991	247	247	247	0	4835	538
02580	CHAIR, ARM	80	80010	1990	265	265	265	0	4732	590
02581	CHAIR, ARM	90	9001	1991	814	814	814	0	4835	1,773
02582	CHAIR, ARM	90	9001	1991	1,085	1,085	1,085	0	4835	2,363
02583	CHAIR, ARM	90	9001	1991	542	542	542	0	4835	1,181
02584	CHAIR, ARM	90	9001	1991	542	542	542	0	4835	1,181
02585	CHAIR, SWIVEL, ARM	90	9001	1991	276	276	276	0	4835	601
02586	CHAIR, SWIVEL, ARM	90	9001	1991	276	276	276	0	4835	601
02587	CHAIR, SWIVEL, ARM	90	9001	1991	276	276	276	0	4835	601
02588	CHAIR, SWIVEL, ARM	80	80010	1991	276	276	276	0	4835	601
02589	CHAIR, SWIVEL, ARM	90	9001	1991	276	276	276	0	4835	601
02590	CHAIR, SWIVEL, ARM	90	9001	1991	276	276	276	0	4835	601
02591	CHAIR, SWIVEL, ARM	90	9001	1991	276	276	276	0	4835	601
02592	CHAIR, SWIVEL, ARM	80	80010	1991	276	276	276	0	4835	601
02593	CABINET, 2 DR STORAGE, 36X18X72IN	90	9001	1991	321	321	321	0	4835	699
02594	CABINET, 2 DR STORAGE, 36X18X42IN	90	9001	1991	271	271	271	0	4835	590
02595	BOOKCASE, 2-3 TIER, 36IN	90	9001	1991	118	118	118	0	4835	257
02596	BOOKCASE, 4-5 TIER, 36IN	80	80010	1990	193	193	193	0	4732	430
02597	BOOKCASE, 4-5 TIER, 36IN	90	9001	1991	197	197	197	0	4835	429
02598	BOOKCASE, 4-5 TIER, 60IN	90	9001	1991	286	286	286	0	4835	623
02599	FILE, 2-4 DWR, LETTER	90	9001	1991	173	173	173	0	4835	377
02600	FILE, 2-4 DWR, LETTER	90	9001	1991	173	173	173	0	4835	377
02601	FILE, 2-4 DWR, LETTER	80	80010	1990	169	169	169	0	4732	376
02602	FILE, 2-4 DWR, LEGAL	90	9001	1991	197	197	197	0	4835	429
02603	FILE, 2-4 DWR, LEGAL	90	9001	1991	394	394	394	0	4835	858
02604	FILE, 2-4 DWR, LEGAL	90	9001	1991	592	592	592	0	4835	1,290
02605	FILE, 2-3 DWR, LATERAL, W/CABINET	90	9001	1991	1,479	1,479	1,479	0	4835	3,222
02606	FILE, 4-5 DWR, LATERAL	90	9001	1991	444	444	444	0	4835	967
02613	DICTATOR/TRANSCRIBER	90	9001	1991	494	494	494	0	4835	1,076
02614	DICTATOR/TRANSCRIBER	90	9001	1991	494	494	494	0	4835	1,076
02615	TYPEWRITER, SELECTRIC, 15IN	90	9001	1984	1,044	1,044	1,044	0	4146	2,652
02617	TABLE, DRAWING, 4X5'	90	9001	1982	847	847	847	0	3825	2,332
02618	FILE, PLAN, 5 DWR, VERTICLE	90	9001	1991	1,081	1,081	1,081	0	4835	2,355
02619	FILE, PLAN, 5 DWR, VERTICLE	90	9001	1991	2,554	2,554	2,554	0	4835	5,563
02620	PLAN RACK	90	9001	1991	1,081	1,081	1,081	0	4835	2,355
02621	PROJECTOR, OVERHEAD	80	80010	1989	582	582	582	0	4615	1,328
02622	DESK, DBL PED, EXECUTIVE	80	80010	1982	610	610	610	0	3825	1,680
02623	DESK, DBL PED, EXECUTIVE	80	80010	1982	610	610	610	0	3825	1,680
02624	TABLE, MARBLE	80	80010	1982	1,805	1,805	1,805	0	3825	4,970
02625	TABLE, MACHINE & TW	80	80010	1982	170	170	170	0	3825	468
02626	TABLE, COMPUTER	80	80010	1990	164	164	164	0	4732	365
02627	TABLE, COMPUTER W/SHELVES	80	80010	1990	265	265	265	0	4732	590
02628	TABLE, COMPUTER W/SHELVES	80	80010	1990	265	265	265	0	4732	590
02629	STAND, PRINTER	80	80010	1990	53	53	53	0	4732	118
02631	CHAIR, ARM	80	80010	1990	531	531	531	0	4732	1,182
02632	CHAIR, SWIVEL, ARM	80	80010	1990	169	169	169	0	4732	376
02633	CHAIR, SWIVEL, ARM	80	80010	1990	169	169	169	0	4732	376
02634	CHAIR, SEC. POSTURE	80	80010	1990	241	241	241	0	4732	536
02635	CHAIR, SEC. POSTURE	80	80010	1982	180	180	180	0	3825	496
02636	CHAIR, STUDENT/STACKING	80	80010	1982	22	22	22	0	3825	61
02637	CHAIR, STUDENT/STACKING	80	80010	1982	22	22	22	0	3825	61
02638	CHAIR, FOLDING	80	80010	1990	14	14	14	0	4732	31
02640	STOOL, W/BACK, LAB	80	80010	1990	1,303	1,303	1,303	0	4732	2,900
02641	CABINET, 2 DR STORAGE, 36X18X72IN	80	80010	1990	183	183	183	0	4732	407
02642	CABINET, GLASS DOORS	80	80010	1982	632	632	632	0	3825	1,740
02643	BOOKCASE, 2-3 TIER, 36IN	80	80010	1982	87	87	87	0	3825	240
02644	BOOKCASE, 4-5 TIER, 36IN	80	80010	1990	386	386	386	0	4732	859
02645	FILE, 2-4 DWR, LETTER	80	80010	1990	169	169	169	0	4732	376
02646	FILE, 2-4 DWR, LETTER	80	80010	1990	169	169	169	0	4732	376
02647	FILE, 2-4 DWR, LETTER	80	80010	1990	169	169	169	0	4732	376
02648	FILE, 2-4 DWR, LEGAL	80	80010	1990	1,351	1,351	1,351	0	4732	3,007
02649	FILE, 2-4 DWR, LEGAL	80	80010	1982	144	144	144	0	3825	396
02650	CART, UTILITY	80	80010	1982	116	116	116	0	3825	319
02651	CART, UTILITY	80	80010	1982	116	116	116	0	3825	319
02652	CART, UTILITY	80	80010	1982	231	231	231	0	3825	636
02658	CALCULATOR, PRINT/DISPLAY	80	80010	1990	170	170	170	0	4732	378
02659	DICTATOR/TRANSCRIBER	80	80010	1989	1,053	1,053	1,053	0	4615	2,403
02660	TYPEWRITER, SELECTRIC, 15IN	80	80010	1987	895	895	895	0	4406	2,139
02661	TYPEWRITER, WHEELWRITER	80	80010	1989	1,130	1,130	1,130	0	4615	2,579
02662	SHREDDER, PAPER	80	80010	1989	426	426	426	0	4615	972
02682	DESK, DBL PED, EXECUTIVE	80	80010	1990	815	815	815	0	4732	1,814
02683	TABLE, FOLDING LEG	80	80010	1990	101	101	101	0	4732	225

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Wastewater Fixed Asset Cost Basis

Excludes Water Reclamation Assets

Engineering News-Record Construction Cost Index (20-Cities Avg), January 2017	10531.68

Asset #	Description	Location 1	Location 2	Acquisition Year	Original Cost	Original Cost (w/ Adjustments)	Accumulated Depreciation	Depreciated Cost Basis	ENR-CCI for Acquisition Year	ENR-Adjusted Original Cost (w/ Adjustments)
02684	TABLE, FOLDING LEG	80	80010	1989	98	98	98	0	4615	224
02685	TABLE, FOLDING LEG	80	80020	1990	405	405	405	0	4732	901
02686	TABLE, COFFEE	80	80010	1990	145	145	145	0	4732	323
02687	TABLE, END	80	80010	1990	72	72	72	0	4732	160
02688	TABLE, CONFERENCE, 8FT	80	80010	1987	2,729	2,729	2,729	0	4406	6,523
02689	TABLE, COMPUTER W/SHELVES	80	80010	1990	265	265	265	0	4732	590
02690	CHAIR, SIDE	80	80010	1982	704	704	704	0	3825	1,938
02691	CHAIR, ARM, LOUNGE	80	80010	1990	796	796	796	0	4732	1,772
02692	CHAIR, ARM	80	80010	1982	90	90	90	0	3825	248
02693	CHAIR, SEC. POSTURE	80	80010	1987	640	640	640	0	4406	1,530
02694	CHAIR, SEC. POSTURE	80	80010	1982	180	180	180	0	3825	496
02695	CHAIR, SEC. POSTURE	80	80010	1987	213	213	213	0	4406	509
02696	CHAIR, STUDENT/STACKING	80	80010	1982	22	22	22	0	3825	61
02697	CHAIR, FOLDING, PADDED, UPHOL	80	80020	1990	1,274	1,274	1,274	0	4732	2,835
02698	CHAIR, FOLDING, TABLET ARM	80	80010	1991	1,105	1,105	1,105	0	4835	2,407
02699	CABINET, 2 DR STORAGE, 36X18X42IN	80	80010	1982	94	94	94	0	3825	259
02700	CABINET, A-V MEDIA STORAGE	80	80010	1982	541	541	541	0	3825	1,490
02701	BOOKCASE, 2-3 TIER, 36IN	80	80010	1982	87	87	87	0	3825	240
02702	BOOKCASE, 4-5 TIER, 36IN	80	80010	1990	193	193	193	0	4732	430
02703	BOOKCASE, 6-7 TIER, 36IN	80	80010	1990	965	965	965	0	4732	2,148
02704	FILE, 2-4 DWR, LETTER	80	80010	1990	338	338	338	0	4732	752
02705	FILE, 2-4 DWR, LETTER	80	80010	1990	675	675	675	0	4732	1,502
02707	CALCULATOR, PRINT/DISPLAY	80	80010	1990	170	170	170	0	4732	378
02708	CALCULATOR, PRINT/DISPLAY	80	80010	1990	170	170	170	0	4732	378
02709	LETTERING SYSTEM	80	80010	1990	305	305	305	0	4732	679
02710	PUNCH/BINDER, MANUAL	80	80010	1987	292	292	292	0	4406	698
02714	REFRIGERATOR, COMPACT, 1.6 CUFT	80	80010	1990	228	228	228	0	4732	507
02715	REFRIGERATOR, COMPACT, 1.6 CUFT	80	80010	1990	228	228	228	0	4732	507
02716	DESK, SGL PEDESTAL	80	80020	1982	242	242	242	0	3825	666
02717	DESK, DBL PEDESTAL	80	80020	1982	368	368	368	0	3825	1,013
02718	DESK, DBL PEDESTAL	80	80020	1982	368	368	368	0	3825	1,013
02719	DESK, DBL PEDESTAL	80	80020	1982	368	368	368	0	3825	1,013
02720	DESK, DBL PEDESTAL	80	80020	1982	368	368	368	0	3825	1,013
02721	DESK, DBL PED, EXECUTIVE	80	80020	1977	418	418	418	0	2576	1,709
02722	DESK, DBL PED, EXECUTIVE	80	80020	1990	815	815	815	0	4732	1,814
02723	DESK, DBL PED, EXECUTIVE	80	80020	1982	610	610	610	0	3825	1,680
02724	WORK BENCHES, HD, MTL	80	80020	1982	2,527	2,527	2,527	0	3825	6,958
02725	TABLE, FOLDING LEG	80	80020	1982	253	253	253	0	3825	697
02726	TABLE, MACHINE & TW	80	80020	1982	199	199	199	0	3825	548
02727	TABLE, MACHINE & TW	80	80020	1982	199	199	199	0	3825	548
02728	TABLE, CONFERENCE, 8FT	80	80020	1982	794	794	794	0	3825	2,186
02729	TABLE, CONFERENCE, 8FT	80	80020	1990	1,061	1,061	1,061	0	4732	2,361
02730	TABLE, COMPUTER W/SHELVES	80	80020	1990	265	265	265	0	4732	590
02731	CHAIR, ARM	80	80020	1982	397	397	397	0	3825	1,093
02732	CHAIR, ARM	80	80020	1982	397	397	397	0	3825	1,093
02733	CHAIR, SWIVEL, ARM	80	80020	1990	270	270	270	0	4732	601
02734	CHAIR, SWIVEL, ARM	80	80020	1982	202	202	202	0	3825	556
02735	CHAIR, SWIVEL, ARM	80	80020	1990	540	540	540	0	4732	1,202
02737	CHAIR, SWIVEL, ARM	80	80020	1990	1,621	1,621	1,621	0	4732	3,608
02738	CHAIR, SWIVEL, ARM	80	80020	1982	202	202	202	0	3825	556
02739	CHAIR, SWIVEL, ARM	80	80020	1982	202	202	202	0	3825	556
02740	CHAIR, SEC. POSTURE	80	80020	1982	180	180	180	0	3825	496
02743	CHAIR, STACKING	80	80020	1982	58	58	58	0	3825	160
02744	STOOL, W/BACK	80	80020	1982	397	397	397	0	3825	1,093
02745	STOOL, W/BACK	80	80020	1990	265	265	265	0	4732	590
02746	CREDENZA	80	80020	1990	468	468	468	0	4732	1,042
02747	CREDENZA	80	80020	1982	350	350	350	0	3825	964
02748	CABINET, 2 DR STORAGE, 36X18X72IN	80	80020	1982	235	235	235	0	3825	647
02749	CABINET, 2 DR STORAGE, 36X24X78IN	80	80020	1990	314	314	314	0	4732	699
02750	CABINET, 2 DR STORAGE, 36X18X42IN	80	80020	1982	199	199	199	0	3825	548
02751	CABINET, SAFETY, 45-GAL.	80	80020	1990	651	651	651	0	4732	1,449
02752	CABINET, SAFETY, 45-GAL.	80	80030	1990	651	651	651	0	4732	1,449
02753	BOOKCASE, 2-3 TIER, 36IN	80	80020	1990	241	241	241	0	4732	536
02754	BOOKCASE, 4-5 TIER, 36IN	80	80020	1990	362	362	362	0	4732	806
02755	BOOKCASE, 6-7 TIER, 36IN	80	80020	1990	410	410	410	0	4732	913
02756	BOOKCASE, 6-7 TIER, 36IN	80	80020	1990	410	410	410	0	4732	913
02757	BOOKCASE, 4-5 TIER, 48IN	80	80020	1990	362	362	362	0	4732	806
02758	FILE, 2-4 DWR, LETTER	80	80020	1982	126	126	126	0	3825	347
02759	FILE, 2-4 DWR, LETTER	80	80020	1990	169	169	169	0	4732	376
02760	FILE, 2-4 DWR, LEGAL	80	80020	1982	144	144	144	0	3825	396
02761	FILE, 4 DWR, FIREPROOF	80	80020	1982	830	830	830	0	3825	2,285
02762	LOCKER, CLOTHES	80	80030	1982	235	235	235	0	3825	647
02763	LOCKER, CLOTHES	80	80020	1977	161	161	161	0	2576	658
02764	SHELVING, 5-8 TIER, 36IN	80	80020	1982	902	902	902	0	3825	2,484
02765	SHELVING, 5-8 TIER, 36IN	80	80020	1982	902	902	902	0	3825	2,484
02766	PARTITION, WALL, MOVEABLE	80	80020	1987	426	426	426	0	4406	1,018
02770	CALCULATOR, PRINT/DISPLAY	80	80020	1990	170	170	170	0	4732	378
02771	CALCULATOR, PRINT/DISPLAY	80	80020	1987	167	167	167	0	4406	399
02772	CALCULATOR, PRINT/DISPLAY	80	80020	1990	170	170	170	0	4732	378
02778	DRILL PRESS, 15IN, UTILITY	80	80030	1977	1,208	1,208	1,208	0	2576	4,939
02779	TABLE, DRAWING, 4X5'	80	80020	1990	1,060	1,060	1,060	0	4732	2,359

Table A
MRWPCA Capacity Charge Update
Wastewater Fixed Asset Cost Basis

Excludes Water Reclamation Assets

Engineering News-Record Construction Cost Index (20-Cities Avg), January 2017 10531.68

Asset #	Description	Location 1	Location 2	Acquisition Year	Original Cost	Original Cost (w/ Adjustments)	Accumulated Depreciation	Depreciated Cost Basis	ENR-CCI for Acquisition Year	ENR-Adjusted Original Cost (w/ Adjustments)
02780	FILE, PLAN, VERTICLE, HANGING	80	80020	1990	1,060	1,060	1,060	0	4732	2,359
02781	FLOOR MACHINE, 20IN	80	80020	1989	1,165	1,165	1,165	0	4615	2,659
02782	DESK, SGL PEDESTAL	80	80040	1982	361	361	361	0	3825	994
02783	DESK, DBL PEDESTAL	80	80040	1982	578	578	578	0	3825	1,591
02784	DESK, DBL PED, EXECUTIVE	80	80040	1982	794	794	794	0	3825	2,186
02785	TABLE, RECTANGULAR	80	80040	1982	108	108	108	0	3825	297
02786	TABLE, FOLDING LEG	80	80040	1990	169	169	169	0	4732	376
02787	TABLE, COMPUTER W/SHELVES	80	80040	1990	410	410	410	0	4732	913
02788	STAND, PRINTER	80	80040	1990	72	72	72	0	4732	160
02789	CHAIR, SWIVEL, ARM	80	80040	1982	202	202	202	0	3825	556
02790	CHAIR, SWIVEL, ARM	80	80040	1972	89	89	89	0	1753	535
02791	CHAIR, SWIVEL, ARM	80	80040	1990	270	270	270	0	4732	601
02792	CHAIR, STACKING	80	80040	1982	58	58	58	0	3825	160
02793	CHAIR, FOLDING	80	80040	1982	18	18	18	0	3825	50
02794	CHAIR, FOLDING	80	80040	1982	18	18	18	0	3825	50
02795	BOOKCASE, 4-5 TIER, 36IN	80	80040	1990	362	362	362	0	4732	806
02796	BOOKCASE, 6-7 TIER, 60IN	80	80040	1990	410	410	410	0	4732	913
02797	STAND, TYPEWRITER	80	80040	1982	51	51	51	0	3825	140
02798	FILE, 2-4 DWR, LETTER	80	80040	1990	169	169	169	0	4732	376
02804	DESK, SGL PEDESTAL	80	80010	1990	482	482	482	0	4732	1,073
02805	DESK, SGL PEDESTAL	80	80010	1982	361	361	361	0	3825	994
02806	DESK, DBL PEDESTAL	80	80010	1987	682	682	682	0	4406	1,630
02807	DESK, DBL PED, EXECUTIVE	80	80010	1990	1,061	1,061	1,061	0	4732	2,361
02808	DESK, DBL PED, EXECUTIVE	80	80010	1990	1,061	1,061	1,061	0	4732	2,361
02809	TABLE, RECTANGULAR	80	80010	1990	145	145	145	0	4732	323
02810	TABLE, END	80	80010	1990	121	121	121	0	4732	269
02811	TABLE, END	80	80010	1990	121	121	121	0	4732	269
02812	TABLE, COMPUTER	80	80010	1987	192	192	192	0	4406	459
02813	TABLE, COMPUTER	80	80010	1990	217	217	217	0	4732	483
02814	TABLE, COMPUTER W/SHELVES	80	80010	1990	362	362	362	0	4732	806
02815	CHAIR, SIDE	80	80010	1982	180	180	180	0	3825	496
02816	CHAIR, ARM	80	80010	1982	199	199	199	0	3825	548
02817	CHAIR, ARM	80	80010	1987	235	235	235	0	4406	562
02818	CHAIR, ARM	80	80010	1990	796	796	796	0	4732	1,772
02819	CHAIR, ARM	80	80010	1990	531	531	531	0	4732	1,182
02820	CHAIR, SWIVEL, ARM	80	80010	1987	239	239	239	0	4406	571
02821	CHAIR, SWIVEL, ARM	80	80010	1990	270	270	270	0	4732	601
02822	CHAIR, SWIVEL, ARM	80	80010	1990	270	270	270	0	4732	601
02823	CHAIR, SWIVEL, ARM	80	80010	1990	270	270	270	0	4732	601
02824	CHAIR, SWIVEL, ARM	80	80010	1990	540	540	540	0	4732	1,202
02825	CHAIR, SEC. POSTURE	80	80010	1982	180	180	180	0	3825	496
02826	CHAIR, FOLDING	80	80010	1990	24	24	24	0	4732	53
02827	CABINET, A-V MEDIA STORAGE	80	80010	1987	640	640	640	0	4406	1,530
02828	BOOKCASE, 4-5 TIER, 36IN	80	80010	1990	362	362	362	0	4732	806
02829	BOOKCASE, 4-5 TIER, 36IN	80	80010	1990	362	362	362	0	4732	806
02830	BOOKCASE, 4-5 TIER, 36IN	80	80010	1990	724	724	724	0	4732	1,611
02831	BOOKCASE, 6-7 TIER, 36IN	80	80010	1990	3,281	3,281	3,281	0	4732	7,302
02832	FILE, 2-4 DWR, LETTER	80	80010	1990	169	169	169	0	4732	376
02833	FILE, 2-4 DWR, LETTER	80	80010	1990	169	169	169	0	4732	376
02834	FILE, 2-4 DWR, LETTER	80	80010	1990	169	169	169	0	4732	376
02835	FILE, 2-4 DWR, LEGAL	80	80010	1990	193	193	193	0	4732	430
02836	FILE, 2-4 DWR, LEGAL	80	80010	1990	386	386	386	0	4732	859
02837	LOCKER, CLOTHES	80	80010	1990	125	125	125	0	4732	278
02844	CALCULATOR, PRINT/DISPLAY	80	80010	1990	170	170	170	0	4732	378
02845	CALCULATOR, PRINT/DISPLAY	80	80010	1990	170	170	170	0	4732	378
02846	CALCULATOR, PRINT/DISPLAY	80	80010	1990	170	170	170	0	4732	378
02847	DESK, DBL PEDESTAL	80	80010	1990	2,316	2,316	2,316	0	4732	5,155
02848	TABLE, COMPUTER W/SHELVES	80	80010	1990	410	410	410	0	4732	913
02849	CHAIR, ARM	80	80010	1982	397	397	397	0	3825	1,093
02850	CHAIR, SWIVEL, ARM	80	80010	1987	239	239	239	0	4406	571
02851	CHAIR, SEC. POSTURE	80	80010	1987	640	640	640	0	4406	1,530
02852	BOOKCASE, 2-3 TIER, 36IN	80	80010	1987	426	426	426	0	4406	1,018
02853	BOOKCASE, 2-3 TIER, 36IN	80	80010	1987	213	213	213	0	4406	509
02854	BOOKCASE, 6-7 TIER, 36IN	80	80010	1982	614	614	614	0	3825	1,691
02855	FILE, 2-4 DWR, LETTER	80	80010	1990	675	675	675	0	4732	1,502
02856	FILE, DESKSIDE	80	80010	1990	347	347	347	0	4732	772
02859	LAND - HARRIS COURT, LOT 6 & 7	90	0	1993	10,000	10,000	0	10,000	5210	20,214
02861	FILE, FIREPROOF, 4 DWR LATERAL	90	9001	1993	1,922	1,922	1,922	0	5210	3,885
02862	FAX MACHINE, PLAIN PAPER	90	9001	1992	1,606	1,606	1,606	0	4985	3,393
02863	GAUGE, ULTRASONIC WALL THICKNESS	90	9001	1993	1,606	1,606	1,606	0	5210	3,246
02868	MOTOR, 150 HP	13	1399	1993	10,364	10,364	10,364	0	5210	20,950
02869	MOTOR SPEED CNTLR W/MANUAL BYPASS	13	1399	1993	18,750	18,750	18,750	0	5210	37,902
02870	SAMPLER, WASTEWATER	80	80010	1992	3,501	3,501	3,501	0	4985	7,396
02871	SAMPLER, WASTEWATER	80	80010	1992	3,501	3,501	3,501	0	4985	7,396
02872	LAMPS & STANDARDS, ATOMIC ABSORPTN	80	80010	1993	325	325	325	0	5210	657
02873	LAMPS & STANDARDS, ATOMIC ABSORPTN	80	80010	1993	325	325	325	0	5210	657
02874	LAMPS & STANDARDS, ATOMIC ABSORPTN	80	80010	1993	325	325	325	0	5210	657
02875	LAMPS & STANDARDS, ATOMIC ABSORPTN	80	80010	1993	325	325	325	0	5210	657
02876	MICROWAVE SAMPLE PREP SYSTEM	80	80010	1992	17,974	17,974	17,974	0	4985	37,973
02878	STORM PIPE SYSTEM FROM STORMWATR	80	80990	1992	1,210	1,210	716	494	4985	2,556
02883	GEAR OPERATORS FOR DRYING BEDS	80	80221	1993	9,010	9,010	9,010	0	5210	18,213

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02892	SIDE-TO-SIDE MOTION KIT FOR FRKLIFT	80	80990	1992	1,082	1,082	1,082	0	4985	2,286
02902	COPIER, W/1,000 SHEET PAPER DECK	90	9001	1993	7,429	7,429	7,429	0	5210	15,017
02903	CHAIR, HIGH BACK, W/ARMS	90	9001	1993	719	719	719	0	5210	1,453
02904	(3) HARPERS DESKS, (2) LATERAL FILE	90	9001	1993	5,228	5,228	5,228	0	5210	10,568
02905	(3) GUEST CHAIRS, CONFERENCE TABLE	90	9001	1993	991	991	991	0	5210	2,003
02908	RAYTEK NONCONTACT THERMOMETER	80	80990	1993	2,223	2,223	2,223	0	5210	4,494
02909	PAINTING EQUIP, 600 LB BLAST POT PK	80	80990	1992	2,487	2,487	2,487	0	4985	5,254
02910	AIRLESS PAINT SPRAYER	80	80990	1993	2,467	2,467	2,467	0	5210	4,987
02941	BUILDING, PUMP STATION NO. 30,	30	3001	1994	2,595,494	2,595,494	1,432,800	1,162,694	5408	5,054,533
02942	DEWATERING SYSTEM	30	3001	1994	59,004	59,004	59,004	0	5408	114,906
02943	MFR COMMUNITOR	30	3001	1994	146,200	146,200	146,200	0	5408	284,714
02944	MFR ELECTRICAL GEAR	30	3001	1994	131,777	131,777	131,777	0	5408	256,626
02945	MFR GENERATOR	30	3001	1994	107,256	107,256	107,256	0	5408	208,873
02946	MFR CENTRIFUGAL PUMPS	30	3001	1994	442,008	442,008	442,008	0	5408	860,778
02947	MFR ADJ FREQUENCY DRIVERS	30	3001	1994	43,270	43,270	43,270	0	5408	84,265
02948	PUMP ROOM EQUIPMENT	30	3001	1994	30,420	30,420	30,420	0	5408	59,241
02949	HVAC	30	3001	1994	220,938	220,938	220,938	0	5408	430,260
02950	CONDUCT & WIRE @ PUMP ROOM	30	3001	1994	38,681	38,681	38,681	0	5408	75,328
02951	UNDERGROUND FUEL TANK	30	3001	1994	26,618	26,618	26,618	0	5408	51,837
02952	STORAGE ROOM EQUIPMENT	30	3001	1994	11,408	11,408	11,408	0	5408	22,216
02953	GENERATOR ROOM EQUIPMENT	30	3001	1994	11,670	11,670	11,670	0	5408	22,726
02954	CONDUIT & WIRE, ODOR CTRL & STORAGE	30	3001	1994	13,112	13,112	13,112	0	5408	25,535
02955	TEST EQUIPMENT	30	3001	1994	6,556	6,556	6,556	0	5408	12,767
02956	OPERATIONAL TEST & START UP	30	3001	1994	19,668	19,668	19,668	0	5408	38,302
02957	TELEPHONE BOX, INSTRU	30	3001	1994	4,792	4,792	4,792	0	5408	9,332
02958	AIR GAP TANK, FLOW METER	30	3001	1994	5,664	5,664	5,664	0	5408	11,030
02959	PAVING	30	3001	1994	15,734	15,734	15,734	0	5408	30,641
02960	LANDSCAPING	30	3001	1994	43,139	43,139	43,139	0	5408	84,010
02962	SAFETY FRESH AIR BLOWER	80	80010	1993	579	579	579	0	5210	1,170
02963	SAFETY FRESH AIR BLOWER	80	80010	1993	579	579	579	0	5210	1,170
02964	SAFETY FRESH AIR BLOWER	80	80010	1993	579	579	579	0	5210	1,170
02968	ACCUMENT MICROPROCESSOR	80	80010	1993	1,019	1,019	1,019	0	5210	2,060
02969	BOD PROBE	80	80010	1993	412	412	412	0	5210	833
02970	BOD PROBE	80	80010	1993	412	412	412	0	5210	833
02973	CAMERA, COHU	90	9001	1994	1,437	1,437	1,437	0	5408	2,798
02989	WOODWARD GOVERNOR	80	80040	1994	6,234	6,234	6,234	0	5408	12,140
02990	WOODWARD GOVERNOR	80	80040	1994	6,234	6,234	6,234	0	5408	12,140
02991	WOODWARD GOVERNOR	80	80040	1994	6,234	6,234	6,234	0	5408	12,140
02992	PROGRAMMABLE LOGIC CONTROLLER	80	80010	1994	17,296	17,296	17,296	0	5408	33,683
02993	SPEED CONTROLLER	15	1599	1993	12,603	12,603	12,603	0	5210	25,476
02994	VERTICAL MOTOR, 460V, 150 HP	13	1399	1994	8,519	8,519	8,519	0	5408	16,590
02995	CONVERTER MODULE, 115V	24	2499	1994	1,358	1,358	1,358	0	5408	2,645
02996	MOTOR SPEED CONTROLLER, 75 HP	15	1599	1994	6,336	6,336	6,336	0	5408	12,339
02997	MOTOR SPEED CONTROLLER, 75 HP	15	1599	1994	6,336	6,336	6,336	0	5408	12,339
02998	MICROMAC 2300, 120 VAC OUTPUT	80	80020	1994	2,702	2,702	2,702	0	5408	5,262
02999	SCADA SYSTEM	80	80040	1994	74,568	74,568	74,568	0	5408	145,216
03003	PRINTER, LASER,	90	9001	1993	3,222	3,222	3,222	0	5210	6,513
03004	COMPUTER, LAPTOP	90	9001	1993	2,980	2,980	2,980	0	5210	6,024
03007	COMPUTER	90	9001	1993	2,587	2,587	2,587	0	5210	5,229
03010	HARD DISK DRIVE, 1200 MB	90	9001	1994	2,214	2,214	2,214	0	5408	4,312
03011	NETWORK HUB	90	9001	1994	4,594	4,594	4,594	0	5408	8,946
03014	HARDWARE UPGRADE, MIS CABLING	90	9001	1994	16,414	16,414	16,414	0	5408	31,965
03020	PRINTER, LASER	90	9001	1993	1,441	1,441	1,441	0	5210	2,913
03021	COMPUTER, LAPTOP	90	9001	1993	1,713	1,713	1,713	0	5210	3,463
03024	COMPUTER	80	80010	1993	2,338	2,338	2,338	0	5210	4,726
03028	PRINTER, LASER	80	80010	1993	633	633	633	0	5210	1,280
03029	COMPUTER, LAPTOP	80	80010	1993	1,713	1,713	1,713	0	5210	3,463
03033	DESK	90	9001	1994	1,540	1,540	1,540	0	5408	2,999
03034	CHAIR, ARM	90	9001	1994	106	106	106	0	5408	206
03035	CHAIR, SWIVEL, ARM	90	9001	1994	567	567	567	0	5408	1,104
03036	OSCILLOSCOPE, PORTABLE,	80	80020	1993	3,448	3,448	3,448	0	5210	6,970
03038	SAMPLER/INTERFACE	80	80060	1994	5,850	5,850	5,850	0	5408	11,392
03039	SAMPLER/INTERFACE	80	80060	1994	5,850	5,850	5,850	0	5408	11,392
03040	FLOWMETER/CHARGER	80	80010	1994	7,948	7,948	7,948	0	5408	15,478
03041	INSTALLATION OF PHONE	80	80010	1994	12,694	12,694	12,694	0	5408	24,721
03042	TRUCK, FORD, VACUUM	80	80990	1993	29,383	29,383	29,383	0	5210	59,396
03044	FIRE ALARM SYSTEM	24	2499	1994	1,448	1,448	1,448	0	5408	2,820
03045	FIRE ALARM SYSTEM	23	2399	1994	1,448	1,448	1,448	0	5408	2,820
03046	LAND, HARRIS COURT, LOTS 6 & 7	90	0	1993	312,908	312,908	0	312,908	5210	632,523
03047	INSTALLATION PHONE SYSTEM	90	9001	1993	1,303	1,303	1,303	0	5210	2,634
03048	SAND BLASTER	80	80990	1994	4,950	4,950	4,950	0	5408	9,640
03049	FIRE ALARM SYSTEM	27	2799	1994	1,448	1,448	1,448	0	5408	2,820
03050	SPRINKLER SYSTEM	90	9001	1994	492	492	492	0	5408	958
03052	ASPHALT PARKING LOT, 120' X 20'	80	80990	1992	6,600	6,600	6,600	0	4985	13,944
03053	TRUCK CRANE	80	80990	1994	2,720	2,720	2,720	0	5408	5,297
03054	FREEZER, SAMPLE PREPROOM	80	80010	1994	325	325	325	0	5408	633
03055	CANOPY DEMO, 20X20, W/WALLS AND	90	9001	1992	1,523	1,523	1,523	0	4985	3,218
03056	FREEZER, SAMPLE PREPROOM	80	80010	1994	325	325	325	0	5408	633
03058	CHAIRS, STACKING, LOT OF (4)	80	80010	1994	150	150	150	0	5408	292
03059	FILE, LEGAL, 4 DRAWER	80	80010	1994	150	150	150	0	5408	292
03060	TABLE PLASTIC	80	80010	1994	107	107	107	0	5408	208

Table A
MRWPCA Capacity Charge Update
Wastewater Fixed Asset Cost Basis

Excludes Water Reclamation Assets

Engineering News-Record Construction Cost Index (20-Cities Avg), January 2017 10531.68

Asset #	Description	Location 1	Location 2	Acquisition Year	Original Cost	Original Cost (w/ Adjustments)	Accumulated Depreciation	Depreciated Cost Basis	ENR-CCI for Acquisition Year	ENR-Adjusted Original Cost (w/ Adjustments)
03061	CHAIR, DESK	80	80010	1994	161	161	161	0	5408	314
03063	DESK	80	80010	1994	396	396	396	0	5408	771
03066	LUNCH ROOM/MULTI-PURPOSE BUILDING	80	80015	1995	181,349	181,349	95,577	85,772	5471	349,097
03068	MOTORIZED PARTITION	80	80015	1995	15,084	15,084	15,084	0	5471	29,037
03069	OVEN, DOUBLE	80	80015	1995	1,035	1,035	1,035	0	5471	1,992
03070	MICROWAVE OVEN/HOOD	80	80015	1995	508	508	508	0	5471	978
03071	DISHWASHER	80	80015	1995	533	533	533	0	5471	1,026
03072	COOK TOP, 36', GAS	80	80015	1995	717	717	717	0	5471	1,380
03073	LOT OF CHAIRS, STACKING, (48)	80	80015	1995	4,294	4,294	4,294	0	5471	8,266
03074	TABLES, FOLDING, LOT OF 6	80	80015	1995	2,332	2,332	2,332	0	5471	4,489
03075	DOLLY, TRANSPORT, CHAIRS	80	80015	1995	209	209	209	0	5471	402
03080	LOT OF MISCELLANEOUS OFFICE FURNITU	90	9001	1992	20,157	20,157	20,157	0	4985	42,585
03081	LIENS PROGRAMS - EDEN	90	9001	1989	1,620	1,620	1,620	0	4615	3,697
03083	PROGRAMMING, DESIGN 78/89	90	9001	1979	11,394	11,394	11,394	0	3003	39,959
03084	PROGRAMMING, DESIGN 79/80	90	9001	1980	10,620	10,620	10,620	0	3237	34,552
03085	PROGRAMMING	90	9001	1990	7,516	7,516	7,516	0	4732	16,728
03086	PROGRAMMING - A/R LIEN	90	9001	1984	17,000	17,000	17,000	0	4146	43,183
03087	PROGRAMMING - PC SYSTEM	90	9001	1985	1,170	1,170	1,170	0	4195	2,937
03088	PROGAMMING - CONNECTION FEES	90	9001	1985	3,340	3,340	3,340	0	4195	8,385
03089	PROGRAMMING - PAYROLL	90	9001	1986	10,300	10,300	10,300	0	4295	25,256
03090	PROGRAMMING - ACCOUNTS PAYABLE	90	9001	1986	6,025	6,025	6,025	0	4295	14,774
03091	OPERATOR 10, PROGRAMS 1-3	90	9001	1988	6,765	6,765	6,765	0	4519	15,766
03092	OPERATOR 10, PROGRAMS 4-5	90	9001	1988	2,175	2,175	2,175	0	4519	5,069
03093	NETWORK CONTRACT, INSTALLATION	90	9001	1991	59,303	59,303	59,303	0	4835	129,175
03094	BILLING/PAYROLL SOFTWARE	90	9001	1989	3,292	3,292	3,292	0	4615	7,513
03095	UTILITY BILLING MODIFICATIONS	90	9001	1989	2,708	2,708	2,708	0	4615	6,180
03096	UTILITY BILLING MODIFICATIONS	90	9001	1989	2,981	2,981	2,981	0	4615	6,803
03097	UTILITY BILLING MODIFICATIONS	90	9001	1989	4,983	4,983	4,983	0	4615	11,371
03098	UTILITY BILLING MODIFICATIONS	90	9001	1990	225	225	225	0	4732	501
03099	UTILITY BILLING MODIFICATIONS	90	9001	1989	10,446	10,446	10,446	0	4615	23,838
03100	FORMAT, INSTALL, TR	90	9001	1989	3,925	3,925	3,925	0	4615	8,957
03101	FLEXGEN & GAAFR	90	9001	1989	4,934	4,934	4,934	0	4615	11,260
03102	NONCENTRALIZED BUDGET	90	9001	1989	1,750	1,750	1,750	0	4615	3,994
03103	TRIMS RECORDS MGMT	90	9001	1990	350	350	350	0	4732	779
03107	VENTILATOR, CONFINED SPACE	80	80010	1988	1,355	1,355	1,355	0	4519	3,158
03108	METER PH, FISHER ACCUMET 1001	80	80010	1988	1,016	1,016	1,016	0	4519	2,368
03109	PUMP, MANUAL, BLACK & DECKER	80	80010	1988	124	124	124	0	4519	289
03110	TRAFFIC CONTROL FLAG TREE	80	80010	1988	466	466	466	0	4519	1,086
03111	TRAFFIC SAFETY CONES	80	80010	1988	762	762	762	0	4519	1,776
03112	LADDER, COLLAPSIBLE, CONFINED	80	80010	1988	381	381	381	0	4519	888
03113	METER, PH, CORNING PSIS, HANDHELD	80	80010	1988	254	254	254	0	4519	592
03114	CHARGER, BATTERY 12 VOLT W/(2)	80	80010	1988	127	127	127	0	4519	296
03119	FLUMES, PORTABLE, PALMER-BOWLUS	80	80010	1988	381	381	381	0	4519	888
03120	PUMP, SAMPLING, PORTABLE, MASTER	80	80010	1988	423	423	423	0	4519	986
03121	RECORDER, ULTRASONIC FLOW, MANNING,	80	80010	1988	4,234	4,234	4,234	0	4519	9,867
03122	METER, PH, PORTABLE/RECORDING,	80	80010	1988	5,081	5,081	5,081	0	4519	11,841
03125	TRANSCEIVER, REALISTIC, VOICE	80	80010	1988	93	93	93	0	4519	217
03126	PUMP, ELECTRIC, TEAL	80	80010	1988	250	250	250	0	4519	583
03130	TRI-POD, SAFETY, W/DUAL HOISTS	80	80010	1988	6,860	6,860	6,860	0	4519	15,987
03131	ANALYZER, HYDROGEN SULFIDE, JEROME	80	80020	1991	11,178	11,178	11,178	0	4835	24,348
03132	PROGRAMMER/TESTER MILLTRONICS,	80	80020	1991	2,706	2,706	2,706	0	4835	5,894
03134	SAMPLER, ATMOSPHERE, GASTECH,	80	80020	1982	2,056	2,056	2,056	0	3825	5,661
03141	DETECTORS, CHLORINE, SERIES 50-135	80	80020	1991	3,122	3,122	3,122	0	4835	6,800
03142	LIFT END, AUTO WESTERN MOLE CRANE,	80	80020	1991	2,538	2,538	2,538	0	4835	5,528
03143	HOIST TRUCK, WESTERN MULE CRANE,	80	80020	1992	2,220	2,220	2,220	0	4985	4,690
03144	TOOL CHEST, ROUGH SERVICE 55"	80	80020	1991	408	408	408	0	4835	889
03145	TOOL CHEST, MEDIUM 48X18X18,	80	80020	1991	275	275	275	0	4835	599
03146	SAFETY EQUIPMENT C/O, DBI WRENCH	80	80020	1992	8,296	8,296	8,296	0	4985	17,527
03147	PLASMA CUTTER, HYPERTHERM MAX42	80	80020	1991	2,575	2,575	2,575	0	4835	5,609
03149	HEATER, INDUSTION BEARING, MORTON/	80	80020	1991	999	999	999	0	4835	2,176
03150	SAW, BAND, DELTA, MDL 28245,	80	80030	1990	3,027	3,027	3,027	0	4732	6,737
03151	SAW, RADIAL ARM 12", DELTA, S/N N/A	80	80030	1991	1,810	1,810	1,810	0	4835	3,943
03153	SAW, TABLE, DELTA, UNISAW MDL 34802	80	80030	1990	2,201	2,201	2,201	0	4732	4,899
03158	SAMPLER, ATMOSPHERE, GASTECH,	80	80010	1991	2,783	2,783	2,783	0	4835	6,062
03160	TANK, OXYGEN, SCBA, 30 MIN	80	80990	1991	2,132	2,132	2,132	0	4835	4,644
03161	TANK, OXYGEN, SCBA, 30 MIN	80	80990	1991	2,132	2,132	2,132	0	4835	4,644
03162	TANK, OXYGEN, SCBA, 30 MIN	80	80990	1991	2,132	2,132	2,132	0	4835	4,644
03163	TANK, OXYGEN, SCBA, 30 MIN	80	80990	1991	2,132	2,132	2,132	0	4835	4,644
03164	TANK, OXYGEN, SCBA, 30 MIN	80	80990	1991	2,132	2,132	2,132	0	4835	4,644
03165	TANK, OXYGEN, SCBA, 30 MIN	80	80990	1991	2,132	2,132	2,132	0	4835	4,644
03166	TANK, OXYGEN, SCBA, 30 MIN	80	80990	1991	2,132	2,132	2,132	0	4835	4,644
03167	TANK, OXYGEN, SCBA, 30 MIN	80	80990	1991	2,132	2,132	2,132	0	4835	4,644
03168	TANK, OXYGEN, SCBA, 30 MIN	80	80990	1991	2,132	2,132	2,132	0	4835	4,644
03169	TANK, OXYGEN, SCBA, 30 MIN	80	80990	1991	2,132	2,132	2,132	0	4835	4,644
03170	TANK, OXYGEN, SCBA, 30 MIN	80	80990	1991	2,132	2,132	2,132	0	4835	4,644
03171	TANK, OXYGEN, SCBA, 30 MIN	80	80990	1991	2,132	2,132	2,132	0	4835	4,644
03172	TANK, OXYGEN, SCBA, 30 MIN	80	80990	1991	2,132	2,132	2,132	0	4835	4,644
03173	TANK, OXYGEN, SCBA, 30 MIN	80	80990	1991	2,132	2,132	2,132	0	4835	4,644
03174	TANK, OXYGEN, SCBA, 30 MIN	80	80990	1991	2,132	2,132	2,132	0	4835	4,644
03175	TEST BENCH PORTABLE SCBA S/N N-A	80	80990	1991	3,572	3,572	3,572	0	4835	7,781
03176	CONTROLLER LEVEL, MICROMAC	80	80010	1992	2,618	2,618	2,618	0	4985	5,531

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Wastewater Fixed Asset Cost Basis

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Asset #	Description	Location 1	Location 2	Acquisition Year	Original Cost	Original Cost (w/ Adjustments)	Accumulated Depreciation	Depreciated Cost Basis	ENR-CCI for Acquisition Year	ENR-Adjusted Original Cost (w/ Adjustments)
03177	CONTROLLER LEVEL, MICROMAC	80	80010	1992	2,619	2,619	2,619	0	4985	5,533
03178	CONTROLLER LEVEL, MICROMAC	80	80010	1992	2,618	2,618	2,618	0	4985	5,531
03180	CONTAINER, STORAGE, (FLAMMABLES &	80	80990	1990	26,761	26,761	26,761	0	4732	59,560
03182	INSTALLATION	90	9001	1989	4,800	4,800	4,800	0	4615	10,954
03185	CABLE HOOKUP	90	9001	1989	222	222	222	0	4615	507
03229	PAVING, ASPHALT & CONCRETE, APPROX	26	2699	1985	3,702	3,702	3,702	0	4195	9,294
03241	LAND	80	0	1990	1,406,743	1,406,743	0	1,406,743	4732	3,130,889
03242	TITLE FEES FOR 107.988 ACRES - RTP	80	80990	1994	3,914	3,914	0	3,914	5408	7,622
03258	METER, PH, BECKMAN, MDL PHI71,	80	80010	1991	2,705	2,705	2,705	0	4835	5,892
03274	DRILL PRESS, KBC MACHINERY,	80	80020	1991	3,455	3,455	3,455	0	4835	7,526
03276	BAND SAW MITRE, HORIZONTAL, ELLIS,	80	80020	1990	21,427	21,427	21,427	0	4732	47,689
03277	PRESS, SHOP BLACKHAWK, 25 TON	80	80020	1981	2,002	2,002	2,002	0	3535	5,964
03292	PIPE MACHINE, RIGID, PORTABLE	80	80040	1988	4,658	4,658	4,658	0	4519	10,856
03294	FIBERSCOPE, OLYMPUS, MDL IF8D3-15	80	80040	1990	7,129	7,129	7,129	0	4732	15,867
03295	FIRE EXTINGUISHER, PORTABLE ANSUL	80	80040	1990	2,135	2,135	2,135	0	4732	4,752
03314	UNDERGROUND PIPING	80	80100	1990	105,663	105,663	105,663	0	4732	235,167
03364	DESK, DBL PEDESTAL	80	80310	1978	820	820	820	0	2776	3,111
03366	CABINET, STORAGE WD	80	80310	1978	107	107	107	0	2776	406
03368	CHAIR, FOLDING	80	80310	1989	14	14	14	0	4615	32
03369	BENCH, WORK	80	80310	1982	108	108	108	0	3825	297
03370	MISC. LOCKERS	80	80310	1989	279	279	279	0	4615	637
03371	CALCULATOR, PRINT/DISPLAY	80	80310	1989	140	140	140	0	4615	319
03376	VEHICLE STORAGE, CLASS S, 4,200	80	80330	1991	117,408	117,408	117,408	0	4835	255,740
03377	BUILDING, UTILITY, 35'X90'X14'H, ST	80	80330	1994	91,238	91,238	91,238	0	5408	177,679
03396	LAND	90	0	1991	335,296	335,296	0	335,296	4835	730,348
03397	CHALK & TACK BOARD	90	9001	1991	565	565	565	0	4835	1,231
03398	LOCKERS	90	9001	1991	3,311	3,311	3,311	0	4835	7,212
03399	TAB. TRACK, MOBILE SYSTEM	90	9001	1991	2,144	2,144	2,144	0	4835	4,670
03401	FURNITURE EVALUATE	90	9001	1991	145,466	145,466	145,466	0	4835	316,857
03404	ELECTRONIC WHITEBOARD WITH PRINTER	90	9001	1996	4,937	4,937	4,937	0	5620	9,252
03405	TOSHIBA LAPTOP COMPUTER, 2 MONITORS,	90	9001	1996	3,004	3,004	3,004	0	5620	5,629
03407	RICOH FT6655 COPIER	80	80010	1995	15,443	15,443	15,443	0	5471	29,727
03409	METAL BUTLER STORAGE BUILDING	27	2702	1996	43,041	43,041	43,041	0	5620	80,657
03410	SPRINKLER (FIRE PROTECTION) SYSTEM	27	2702	1996	1,900	1,900	1,900	0	5620	3,561
03413	DUST COLLECTION SYSTEM	80	80020	1996	5,026	5,026	5,026	0	5620	9,419
03415	PUMP SUPPORT MODIFICATIONS	23	2301	1992	93,377	93,377	88,705	4,672	4985	197,276
03416	PUMP SUPPORT MODIFICATIONS	24	2401	1995	98,151	98,151	83,685	14,467	5471	188,941
03417	ACOUSTICAL & FIBERGLASS TILE CEILING	80	80010	1993	20,075	20,075	20,075	0	5210	40,581
03418	ACCOUSTICAL TILE CEILINGS AND WALL	80	80020	1993	15,039	15,039	15,039	0	5210	30,400
03419	ACOUSTIC WALL PANELS	80	80040	1993	14,469	14,469	14,469	0	5210	29,248
03420	OFFICE WALL PARTITIONS	80	80040	1994	2,806	2,806	2,806	0	5408	5,465
03423	HYDRAULIC CHANNEL MONSTER	23	2399	1996	32,915	32,915	32,915	0	5620	61,682
03425	REESIDE PUMP STATION UPGRADE	7	799	1996	8,954	8,954	8,954	0	5620	16,779
03426	MAIN SEWAGE PUMP, MOTOR,	7	799	1996	27,789	27,789	27,789	0	5620	52,076
03427	BUBBLER SYSTEM, WATER LEVEL CONTROL	7	799	1996	3,345	3,345	3,345	0	5620	6,269
03428	ELECTRICAL UPGRADE (PLC ENCLOSURES,	7	799	1996	43,524	43,524	43,524	0	5620	81,563
03429	FEEDER MANAGEMENT RELAY/MONITOR	80	80040	1995	12,747	12,747	12,747	0	5471	24,539
03430	PLC SCADA SYSTEM COMPONENTS	7	799	1996	6,585	6,585	6,585	0	5620	12,340
03431	PLC SCADA SYSTEM PROGRAMMING	7	799	1996	2,400	2,400	2,400	0	5620	4,498
03432	WASTE GATE CONTROL (SPARE)	80	80040	1996	7,699	7,699	7,699	0	5620	14,428
03433	GAS COMPRESSOR/VACUUM PUMP	80	80211	1996	20,482	20,482	20,482	0	5620	38,382
03434	GAS COMPRESSOR/VACUUM PUMP	80	80213	1996	20,482	20,482	20,482	0	5620	38,382
03437	UPS FOR RICHOH COPIER	80	80010	1996	3,349	3,349	3,349	0	5620	6,277
03438	PORTA POTTY ON TRAILER, 45 GALLON	80	80990	1996	1,295	1,295	1,295	0	5620	2,427
03439	ASCENDING PIPELINE 50	90	80010	1996	1,448	1,448	1,448	0	5620	2,713
03440	DIESEL FUEL TANK FOR GENERATOR	24	2499	1996	1,557	1,557	1,557	0	5620	2,917
03441	SAND/OIL 1,500 GAL INTERCEPTOR	80	80990	1995	2,930	2,930	2,930	0	5471	5,640
03442	MUFFIN MONSTER 32" GRINDER	80	80990	1996	22,696	22,696	22,696	0	5620	42,532
03446	ROAD EXTENSION AROUND HEADWORKS	80	80990	1996	24,310	24,310	24,310	0	5620	45,556
03447	MAGNETIC FLOW METER	27	2799	1996	16,652	16,652	16,652	0	5620	31,206
03450	SURGE PROTECTOR	15	1599	1996	2,473	2,473	2,473	0	5620	4,635
03451	TELEPHONE SYSTEM EXPANSION	80	80990	1996	4,782	4,782	4,782	0	5620	8,961
03452	MONITORING EQUIPMENT FOR	80	80040	1996	9,238	9,238	9,238	0	5620	17,313
03453	3", 8 HP TRASH PUMP AND WHEEL KIT	80	80990	1996	1,432	1,432	1,432	0	5620	2,684
03454	FLYGT SUBMERSIBLE PUMP	80	80150	1996	6,066	6,066	6,066	0	5620	11,368
03455	PARTICLE COUNTER, MET ONE,	80	80990	1996	10,823	10,823	10,823	0	5620	20,282
03456	CHEMICAL STORAGE TANK, 3,000 GALLON	80	80990	1996	11,600	11,600	11,600	0	5620	21,737
03457	DOSING PUMP, ALLDOS M-220-50	25	2599	1996	2,852	2,852	2,852	0	5620	5,345
03459	ELECTRONIC TESTER	80	80990	1996	1,148	1,148	1,148	0	5620	2,152
03460	METERING PUMP, CLASS C, SODIUM	80	80990	1996	1,586	1,586	1,586	0	5620	2,972
03461	48" KNIFE GATE VALVE AT HEADWORKS	80	80100	1996	34,118	34,118	34,118	0	5620	63,936
03463	ALLEN BRADLEY COMBINATION STARTER	80	80990	1996	1,549	1,549	1,549	0	5620	2,903
03464	AUTO SHOP MOVE	80	80030	1997	46,529	46,529	44,976	1,552	5826	84,110
03465	MASONRY FOOTING AND WALL AROUND	80	80100	1996	7,460	7,460	7,460	0	5620	13,980
03466	HEADWORKS BYPASS EXCAVATION AND	80	80101	1994	560,991	560,991	307,384	253,607	5408	1,092,489
03472	LAP TOP COMPUTER, DELL LATITUDE	90	9001	1997	4,372	4,372	4,372	0	5826	7,904
03473	TEKTRONIX PHASER COPY STATION	90	9001	1996	3,986	3,986	3,986	0	5620	7,470
03475	GENICOM PRINTERS, MICROGEAR, INC	90	9001	1996	15,290	7,645	7,645	0	5620	14,326
03476	REGEANT HEAT SEALER, RELATED EQUIP	80	80010	1996	2,453	2,453	2,453	0	5620	4,597
03477	PH CONDUCTIVITY METERS WITH	80	80010	1996	8,575	8,575	8,575	0	5620	16,068
03478	AUTO SAMPLER II, TEKMAR-DOHRMANN	80	80010	1996	7,475	7,475	7,475	0	5620	14,007

Table A
MRWPCA Capacity Charge Update
Wastewater Fixed Asset Cost Basis

Excludes Water Reclamation Assets

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Asset #	Description	Location 1	Location 2	Acquisition Year	Original Cost	Original Cost (w/ Adjustments)	Accumulated Depreciation	Depreciated Cost Basis	ENR-CCI for Acquisition Year	ENR-Adjusted Original Cost (w/ Adjustments)
03479	TEKTRONIX PHASER 340 COLOR PRINTER	80	80011	1996	5,713	5,713	5,713	0	5620	10,706
03480	MONTEREY PUMP STATION GENERATOR	1	199	1997	91,914	91,914	91,914	0	5826	166,152
03482	TRIPOD & UNIHOISE SYSTEM	80	80020	1996	7,624	7,624	7,624	0	5620	14,288
03483	1996 HYSTER H100XL 10,000 # FORKLIFT	80	80020	1997	36,334	36,334	36,334	0	5826	65,681
03485	40" CHANNEL MONSTOR MODEL CMD-4000	7	799	1996	35,618	35,618	35,618	0	5620	66,746
03488	WELDER 250 AMP IDLARC	80	80020	1996	1,926	1,926	1,926	0	5620	3,610
03489	TWO TON OVERHEAD BRIDGE CRANE	80	80020	1996	27,019	27,019	17,711	9,309	5620	50,634
03490	COMPRESSOR, INGERSOLL-RAND TYPE 30	80	80020	1996	2,301	2,301	2,301	0	5620	4,312
03491	PIPE LOCATOR PL920	80	80020	1997	1,790	1,790	1,790	0	5826	3,236
03492	RLF 1600 SIEMENS AIR POWER	80	80040	1997	9,354	9,354	9,354	0	5826	16,910
03493	RLF 3200 SIEMENS AIR POWER	80	80040	1997	19,544	19,544	19,544	0	5826	35,330
03494	RLF 800 SIEMENS AIR POWER	80	80040	1997	6,827	6,827	6,827	0	5826	12,340
03496	POWER CONDUIT BENDER -	80	80020	1996	6,158	6,158	6,158	0	5620	11,539
03497	18" BAILEY, FISCHER & PORTER MAG	23	2399	1996	17,721	17,721	17,721	0	5620	33,208
03498	SELF-CONTAINED SPACE ENTRY SYSTEM	80	80990	1996	3,817	3,817	3,817	0	5620	7,152
03499	3" SUBMERSIBLE SLUDGE PUMP	80	80990	1996	3,143	3,143	3,143	0	5620	5,890
03501	MILLTRONICS MULTI+ SM LEVEL	23	2399	1996	1,982	1,982	1,982	0	5620	3,714
03502	MILLTRONICS MULTI+ SM LEVEL	24	2499	1996	1,982	1,982	1,982	0	5620	3,714
03503	LAPTOP COMPUTER, DELL LATITUDE	90	9001	1996	4,905	4,905	4,905	0	5620	9,191
03504	ALLDOS CHEMICAL METERING PUMP	80	80990	1996	1,289	1,289	1,289	0	5620	2,416
03507	FLOW & ALARM TELEMETRY SYSTEM	1	199	1996	4,066	4,066	4,066	0	5620	7,619
03508	MULTIPOINT CHART RECORDER	80	80010	1996	6,832	6,832	6,832	0	5620	12,803
03511	2605' OF 6FT 9 GAUGE BLACK VINYL	80	80990	1996	30,552	30,552	30,552	0	5620	57,253
03512	PROCUREMENT CARD SOLUTION SOFTWARE	90	9001	1996	19,750	19,750	19,750	0	5620	37,010
03513	12' X 63' MOBILE MODULAR OFFICE	80	80025	1996	9,592	9,592	9,592	0	5620	17,975
03514	60" X 36" BPI "P" SERIES FABRIC	80	80025	1996	416	416	416	0	5620	779
03515	60" X 48" BPI "P" SERIES FABRIC	80	80025	1996	281	281	281	0	5620	526
03516	60" X 36" BPI "P" SERIES FABRIC	80	80025	1997	153	153	153	0	5826	277
03517	30" X 49" X 29"H RIGHT RETURN	80	80025	1997	565	565	565	0	5826	1,021
03518	18 5/8"D X 36"W X 37"H STORAGE	80	80025	1997	405	405	405	0	5826	732
03519	37"H X 18 5/8"D X 30"W HARPERS	80	80025	1997	680	680	680	0	5826	1,230
03520	15"W X 26 1/2"D X 40"H HON	80	80025	1997	200	200	200	0	5826	362
03521	MERLIN LEGEND PT #MLX-28D	80	80025	1996	1,419	1,419	1,419	0	5620	2,659
03522	COMPUTER ETHERNET LINK BETWEEN	80	80025	1996	1,924	1,924	1,924	0	5620	3,605
03523	ALLEN BRADLEY 9323-PLC5	80	80020	1996	3,110	3,110	3,110	0	5620	5,828
03524	COMPUTER, DELL DIMENSION 133V	80	80011	1996	1,751	1,751	1,751	0	5620	3,282
03525	LAN TAPE BACKUP, SONY	90	9001	1997	1,365	1,365	1,365	0	5826	2,468
03526	COMMUNICATION INTERFACE,	80	80010	1996	1,127	1,127	1,127	0	5620	2,113
03530	ULTRASONIC FLOWMETER	80	80100	1997	2,823	2,823	2,823	0	5826	5,104
03531	RTP RADIO UPGRAND TO INCLUDE L1475	80	80010	1997	1,212	1,212	1,212	0	5826	2,191
03532	TELEMETRY TELEPHONE DATALINE	1	199	1997	1,425	1,425	1,425	0	5826	2,576
03533	TELEMETRY TELEPHONE DATALINE	25	2599	1997	1,337	1,337	1,337	0	5826	2,416
03534	TELEMETRY TELEPHONE DATALINE	30	3099	1997	1,422	1,422	1,422	0	5826	2,570
03535	STANDBY 50" CHANNEL MONSTER	27	2799	1997	14,014	14,014	14,014	0	5826	25,334
03537	1997 ADMIN REMODEL, REMOVE WALL	90	9001	1997	2,756	2,756	2,630	126	5826	4,982
03538	REMODEL 1997 ADMIN	90	9001	1997	505	505	479	25	5826	912
03539	NETWORK WIRING UPGRADE	80	80020	1997	2,022	2,022	2,022	0	5826	3,655
03540	NETWORK WIRING UPGRADE	80	80010	1997	5,788	5,788	5,788	0	5826	10,463
03545	FLYGT MDL FT3127-492 10 HP SLUDGE	80	80114	1997	7,508	7,508	7,508	0	5826	13,571
03546	PUMP, GODWIN MDL HL10	888	80020	1997	91,159	91,159	91,159	0	5826	164,789
03547	MODBUS COMMUNICATION MODULE	80	80020	1997	1,076	1,076	1,076	0	5826	1,945
03548	AUTOCAD RELEASE 13 CD ROM GRAPHICS	80	80011	1997	2,213	2,213	2,213	0	5826	4,000
03549	DESIGN COSTS FOR ENERGENCY BYPASS AT	27	2799	1996	3,114	3,114	3,114	0	5620	5,835
03550	DESIGN COSTS FOR EMERGENCY BYPASS	27	2799	1997	176	176	164	12	5826	318
03552	SPARE MAIN CIRCUIT BREAKERS FOR	80	80020	1997	5,313	5,313	5,313	0	5826	9,603
03553	SOKKIA B21 AUTOLEVEL SURVEY SET	80	80011	1997	1,052	1,052	1,052	0	5826	1,901
03564	COMPUTER, LAPTOP, TOSHIBA P133	80	80010	1997	2,243	2,243	2,243	0	5826	4,054
03565	COMPUTER, LAPTOP, TOSHIBA P133	80	80011	1997	2,243	2,243	2,243	0	5826	4,054
03566	PROJECTOR, LCD, MDL BOX3750-000	90	9001	1998	5,970	5,970	5,970	0	5920	10,621
03567	HARDDRIVE, 4.3GB, ULTRA FWSC1	90	9001	1997	1,540	1,540	1,540	0	5826	2,784
03568	TAPE DRIVE, LANBACKER DDS-2 8GB	90	9001	1997	1,064	1,064	1,064	0	5826	1,923
03569	CONTROLLER, POWER EDGE EXPANDABLE	90	9001	1997	1,822	1,822	1,822	0	5826	3,294
03572	REMOTE ACCESS ROUTER/SOFTWARE	90	9001	1998	2,573	2,573	2,573	0	5920	4,578
03573	FAX, BROTHER PLAIN PAPER, LASER	90	9001	1997	1,041	1,041	1,041	0	5826	1,882
03575	TABLE DESK, 36X72X30",	90	9001	1997	1,041	1,041	1,041	0	5826	1,883
03576	BRIDGE FOR DESK, 48X24", PF2448	90	9001	1997	447	447	447	0	5826	808
03577	BRIDGE FOR DESK, 42X24", PF2442	90	9001	1997	214	214	214	0	5826	387
03578	BRIDGE FOR DESK, 48X20", PF2048	90	9001	1997	214	214	214	0	5826	387
03579	BRIDGE FOR DESK, 42X20", PF2442	90	9001	1998	384	384	384	0	5920	683
03580	MODESTY PANEL, 72" W	90	9001	1998	122	122	122	0	5920	217
03581	END PANEL, F-30	90	9001	1998	351	351	351	0	5920	624
03582	AIR MOVER, 20", PRIME AIR 20	888	80020	1997	2,869	2,869	2,869	0	5826	5,186
03583	DOCUMENT SCANNING IMAGE EDIT &	80	80011	1998	5,663	5,663	5,663	0	5920	10,074
03584	EMERGENCY BYPASS LINE FROM SALINAS	27	2799	1998	25,000	25,000	22,603	2,397	5920	44,475
03585	PORTABLE DRILL, MILWAUKE 2404-1	27	2799	1998	2,889	2,889	2,889	0	5920	5,139
03588	FISH POND AT RTP, VARIOUS VENDORS	80	80011	1998	7,246	7,246	7,246	0	5920	12,891
03589	PRE/POST LUBE PUMP & MOTOR	24	2401	1998	10,063	10,063	10,063	0	5920	17,902
03590	PRE/POST LUBE PUMP & MOTOR	23	2301	1998	4,410	4,410	4,410	0	5920	7,845
03591	PRE/POST LUBE PUMP & MOTOR	27	2701	1998	4,415	4,415	4,415	0	5920	7,855
03592	3/4" ELECTROMAGNETIC DRILL, MDL 4262	80	80020	1998	1,822	1,822	1,822	0	5920	3,241
03593	5 TON INGERSOLL ELECTRIC HOIST	1	101	1998	4,326	4,326	4,326	0	5920	7,695

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MRWPCA Capacity Charge Update

Wastewater Fixed Asset Cost Basis

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03595	PORTABLE GAS WELDER 50 RANGER ONAN,	888	0	1997	3,288	3,288	3,288	0	5826	5,944
03598	PORTABLE COMPRESSED AIR DRYER	888	80020	1998	6,160	6,160	6,160	0	5920	10,959
03599	SIEMENS RL-4000 AMP BREAKER	80	80040	1998	19,037	19,037	19,037	0	5920	33,867
03600	10" MAGNETIC FLOWMETER	13	1399	1998	4,367	4,367	4,367	0	5920	7,769
03601	6" MAGNETIC FLOWMETER	15	1599	1998	5,169	5,169	5,169	0	5920	9,196
03602	PLC SOFTWARE RS LOGIC 500	80	80020	1998	1,180	1,180	1,180	0	5920	2,099
03603	PLC SOFTWARE ROCKWELL	80	80011	1998	3,038	3,038	3,038	0	5920	5,405
03604	FLYGT MDL FT 3127X-491 10 HP	80	80111	1997	10,400	10,400	10,400	0	5826	18,799
03605	FLYGT MDL FT 3127X-491 10 HP	80	80112	1997	10,400	10,400	10,400	0	5826	18,799
03606	FLYGT MDL FT 3127X-491 10 HP	80	80113	1997	10,400	10,400	10,400	0	5826	18,799
03607	8" VALVES FOR FLYGT PUMP INSTALL	80	80114	1997	3,664	3,664	3,664	0	5826	6,624
03608	FLYGT MDL FT 3127X-491 10 HP	80	80330	1997	13,471	13,471	13,471	0	5826	24,351
03609	FLYGT MDL FT3127X-491, 10 HP EXP	80	80115	1997	6,735	6,735	6,735	0	5826	12,175
03610	8" VALVES & FITTINGS FOR FLYGT	80	80115	1998	1,251	1,251	1,251	0	5920	2,226
03613	GAS DRYER, R1000AS AIR COOLED	80	80040	1997	41,546	41,546	41,546	0	5826	75,103
03618	WATER PUMP, AURORA F5S-H5A-BR	30	3001	1997	1,208	1,208	1,208	0	5826	2,184
03619	PRINTER, LEXMARK OPTRA S 16PPM,	80	80010	1997	1,608	1,608	1,608	0	5826	2,908
03620	COGEN FIBEROPTIC CABLE NETWORK	80	80040	1997	5,772	5,772	5,772	0	5826	10,433
03621	TRANSFER SWITCH, ASCO AUTOMATIC	15	1501	1998	5,881	5,881	5,881	0	5920	10,461
03622	TRANSFER SWITCH, ASCO AUTOMATIC	13	1301	1998	7,114	7,114	7,114	0	5920	12,656
03627	WESTINGHOUSE 2100 SERIES MOTOR	80	80290	1998	1,169	1,169	1,169	0	5920	2,079
03628	H2 S ANALYZER, JEROME MDL 631-X,	80	80020	1998	9,657	9,657	9,657	0	5920	17,180
03629	H2 S ANALYZER, JEROME MDL 631-X,	80	80011	1998	9,657	9,657	9,657	0	5920	17,180
03630	PORTABLE FILTRATION UNIT/CART	888	0	1998	2,545	2,545	2,545	0	5920	4,527
03657	24-PORT FAST ETHERNET SWITCH	90	9001	1999	2,193	2,193	2,193	0	6059	3,811
03658	DELL INSPIRON 7000 PENTIUM NOTEBOOK	90	9001	1999	3,298	3,298	3,298	0	6059	5,732
03659	10' CUSTOM TRADESHOW DISPLAY	90	9001	1999	4,606	4,606	4,606	0	6059	8,005
03661	ELECTRONIC TIMESHEET SOFTWARE	90	9001	1998	15,501	15,501	15,501	0	5920	27,577
03662	VERTICLE LIFT SAMPLE ARM/MSTOR	80	80010	1998	1,680	1,680	1,680	0	5920	2,988
03663	AV FLOW PROBE FOR MDL 950	80	80010	1998	4,336	4,336	4,336	0	5920	7,714
03664	AV FLOW PROBE FOR MDL 950	80	80010	1998	4,336	4,336	4,336	0	5920	7,714
03666	NASSAU DIGITAL PROCESS SIGNAL	888	0	1998	1,076	1,076	1,076	0	5920	1,914
03669	SOFT START POWER SWITCH	13	1399	1998	4,614	4,614	4,614	0	5920	8,208
03670	EMERGENCY POWER TRANSFER SWITCH	7	799	1998	5,564	5,564	5,564	0	5920	9,898
03671	ROLLUP DOORS FOR VEHICLE STORAGE	80	80330	1999	11,520	11,520	11,520	0	6059	20,024
03672	SPARE UPPER BLOCK FOR SUPERIOR	80	80040	1999	17,083	17,083	17,083	0	6059	29,694
03673	SPARE RECONDITIONED CAMSHAFT FOR	80	80040	1999	4,381	4,381	4,381	0	6059	7,614
03674	3", 8HP HONDA TRASH PUMP	888	0	1998	1,499	1,499	1,499	0	5920	2,667
03675	2" HONDA DIAPHRAM PUMP	888	0	1998	1,211	1,211	1,211	0	5920	2,154
03678	4" VALVES/CONDUIT/FITTINGS FOR	80	80100	1999	2,394	2,394	2,394	0	6059	4,162
03679	4" VALVES/CONDUIT/FITTINGS FOR	80	80100	1999	2,394	2,394	2,394	0	6059	4,162
03682	STEEL ROOF FOR LUNCH ROOM	80	80015	1998	16,979	16,979	10,092	6,887	5920	30,206
03688	MACINTOXH POWERMAC G3 266MHZ 56K	80	80040	1998	1,983	1,983	1,983	0	5920	3,528
03690	TOYOTA PROPANE 3000 LB FORKLIFT	80	80990	1999	4,732	4,732	4,732	0	6059	8,224
03692	TAYLOR DUNN MDL ET-150-48	80	80990	1999	12,951	12,951	12,951	0	6059	22,510
03695	60' BOOM LIFT TRUCK	80	80990	1999	19,171	19,171	19,171	0	6059	33,322
03696	WIND DIRECTION WEATHER VANE	1	101	1992	3,602	3,602	3,602	0	4985	7,610
03697	MONTEREY P.S. ODOR CONTROL EQUIPMENT	1	101	1996	913,548	913,548	913,548	0	5620	1,711,956
03698	CASTROVILLE P.S. OVERFLOW	25	2501	1993	20,361	20,361	20,361	0	5210	41,159
03699	FERRIC PUMP	25	2501	1992	4,300	4,300	4,300	0	4985	9,085
03700	PORTABLE ODOR SCRUBBER	27	2799	1995	135,874	135,874	135,874	0	5471	261,558
03702	BELT PRESS BUILDING, SLAB	80	80117	1997	20,749	20,749	19,792	957	5826	37,508
03703	RTP WATER SUPPLY - WELL	80	80990	1998	165,850	165,850	165,850	0	5920	295,047
03704	WATER SUPPLY LINE FROM NEW WELL	80	80990	1998	8,476	8,476	8,476	0	5920	15,078
03705	WELL STORAGE TANK	80	80990	1998	20,511	20,511	20,511	0	5920	36,488
03706	WELL PUMP HOUSE	80	80990	1998	3,758	3,758	3,758	0	5920	6,686
03707	RTP SCADA/COMPUTER UPGRADE	80	80990	1997	236,450	236,450	236,450	0	5826	427,432
03708	WATER PRESSURE SYSTEM	80	80011	1998	78,591	78,591	71,017	7,574	5920	139,813
03709	FIRE PROTECTION SYSTEM	80	80011	1998	124,144	138,741	124,611	14,131	5920	246,821
03710	ELECTRICAL SYSTEM, W/O COMMUNICATION	80	80011	1998	339,023	339,023	306,352	32,671	5920	603,122
03711	COMMUNIC/ELECT EQUIP W/IN BLDG	80	80011	1998	84,756	84,756	84,756	0	5920	150,781
03712	SIGN 48X84X24 RTP ADMIN BLDG	80	80011	1998	3,047	3,047	1,374	1,673	5920	5,421
03713	RTP ADMIN BLDG EXPANSION	80	80011	1998	1,393,692	1,393,692	628,277	765,415	5920	2,479,378
03714	ELEVATOR, U.S. ELEV ASCENSION	80	80011	1998	32,101	32,101	14,471	17,630	5920	57,108
03715	SITE WORK, NEW RTP ADMIN	80	80011	1998	357,906	346,200	156,588	189,612	5920	615,890
03716	DEMOLITION OLD RTP BLDG	80	80011	1998	222,186	222,186	100,162	122,024	5920	395,269
03717	MISC. COMPUTER EQUIP & S.W.	80	80011	1998	28,591	28,591	28,591	0	5920	50,863
03718	COMPUTER NETWORK CABLE SYSTEM	80	80011	1998	43,050	43,050	43,050	0	5920	76,586
03719	OVERHEAD W/DOORS 36", 42", 30", 36"	80	80011	1998	718	718	718	0	5920	1,277
03721	CHAIRS, HIBACK ERGONOMIC, BLUE	80	80011	1998	889	889	889	0	5920	1,582
03722	CHAIRS, W/ARMS, BLUE	80	80011	1998	889	889	889	0	5920	1,582
03723	CHAIRMATS, TRADITIONAL AND CLEATED	80	80011	1998	1,474	1,474	1,474	0	5920	2,622
03724	CHAIRS, MIDBACK W/ARMS	80	80011	1998	1,979	1,979	1,979	0	5920	3,521
03726	CD ROMS, RECORDABLE FOR SCADA	80	80011	1998	1,792	1,792	1,792	0	5920	3,188
03728	MISC OFFICE EQUIPMENT	80	80011	1998	5,923	5,923	5,923	0	5920	10,537
03729	OFC. SIGNAGE, RTP BLDG,	80	80011	1998	448	448	448	0	5920	797
03731	WHITEBOARD, RTP CONF ROOM	80	80011	1998	364	364	364	0	5920	648
03732	HVAC EQUIP & SYSTEM	80	80011	1998	311,650	311,650	281,617	30,033	5920	554,425
03733	AIR CONDITIONER, SERVER RM RTP	80	80011	1998	5,711	5,711	5,161	550	5920	10,160
03734	CARPET, RTP NEW RTP ADMIN BLDG	80	80011	1998	6,956	6,956	6,956	0	5920	12,375
03735	BOOKCASES, RTP LIBRARY	80	80011	1998	3,586	3,586	3,586	0	5920	6,379

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03736	CHAIRS, HON SLED BASE, RECEPTION	80	80011	1998	790	790	790	0	5920	1,405
03737	TABLE 36" LAMINATE CONF RM 114	80	80011	1998	222	222	222	0	5920	395
03738	LATERAL FILE, 4 DR, 42"W, RM 114	80	80011	1998	705	705	705	0	5920	1,254
03739	CHAIR, FABRIC, MEDIT, RM 114	80	80011	1998	444	444	444	0	5920	790
03740	FREESTANDING CONCENSYS	80	80011	1998	443	443	443	0	5920	788
03741	CHAIRS, BLUE FABRIC ADJ ARMS,	80	80011	1998	1,777	1,777	1,777	0	5920	3,161
03742	DESK, 24X72 WATERFALL/CORRIDOR	80	80011	1998	453	453	453	0	5920	806
03743	TABLE, 36" CONF, RM 205	80	80011	1998	222	222	222	0	5920	395
03744	LATERAL FILE W/RAILS, RM 205	80	80011	1998	464	464	464	0	5920	825
03745	OFFICE SUITE CONCENSYS, RM 205	80	80011	1998	2,966	2,966	2,966	0	5920	5,277
03746	LATERAL FILE 42"W, RM 204	80	80011	1998	704	704	704	0	5920	1,252
03747	CHAIR, BLUE FABRIC, W/ADJ ARMS,	80	80011	1998	444	444	444	0	5920	790
03748	FREESTAND CONCENSYS BEIGE TOP	80	80011	1998	244	244	244	0	5920	434
03749	CHAIR, BLUE, W/ADJ ARMS, RM 203	80	80011	1998	444	444	444	0	5920	790
03750	KEYBRD SLIDE/ARTICUL, RM 203	80	80011	1998	199	199	199	0	5920	354
03751	CHAIR W/ARMS BLUE RM 211	80	80011	1998	444	444	444	0	5920	790
03752	WORKSTATION, CONSENSYS, RM 211	80	80011	1998	244	244	244	0	5920	434
03753	KEYBRD ARTICULATING SLIDE, RM 211	80	80011	1998	199	199	199	0	5920	354
03754	TABLE, RND CONF 42" W/BASE,	80	80011	1998	236	236	236	0	5920	420
03755	CHAIR W/ARMS MEDIT FABRIC RM 210	80	80011	1998	444	444	444	0	5920	790
03756	CONCENSYS SYSTEM OFFITE STE RM 210	80	80011	1998	3,379	3,379	3,379	0	5920	6,011
03757	LATERAL FILE 2 DR TAN 42" W/HANGRAIL	80	80011	1998	357	357	357	0	5920	635
03758	CHAIRS, BLUE W/ARMS RM 207	80	80011	1998	1,777	1,777	1,777	0	5920	3,161
03759	LIBRARY SYSTEM FURN BEIGE/TAN	80	80011	1998	6,033	6,033	6,033	0	5920	10,733
03760	WORKSURFACE 30X48 CONCENSYS	80	80011	1998	244	244	244	0	5920	434
03761	CHAIR, BLUE ADJ ARM RM 213	80	80011	1998	444	444	444	0	5920	790
03762	KEYBOARD, FULL ARTICULATING, RM 213	80	80011	1998	199	199	199	0	5920	354
03763	HANGING RAILS FRONT CORRIDOR TO BACK	80	80011	1998	214	214	214	0	5920	381
03764	LAMINATE TOP FOR LATERAL FILES	80	80011	1998	479	479	479	0	5920	852
03765	LATERAL FILE 30" W TAN/CORRIDOR	80	80011	1998	434	434	434	0	5920	772
03766	CONF TABLE 42" BEIGE/TAN BASE	80	80011	1998	236	236	236	0	5920	420
03767	LAMINATE TOP BEIGE, 4 LATERAL	80	80011	1998	479	479	479	0	5920	852
03768	LATERAL FILE 4 DR 42" W TAN	80	80011	1998	1,091	1,091	1,091	0	5920	1,941
03769	KEYBOARD SLIDE FULL ARTIC RECEPTION	80	80011	1998	399	399	399	0	5920	710
03770	CHAIR, NEW STYLE W/ARMS AQUA	80	80011	1998	444	444	444	0	5920	790
03771	WORKSTATION 30X48 FREE STG RM 216	80	80011	1998	244	244	244	0	5920	434
03772	CHAIR, ADJ ARMS MEDITER FABRIC	80	80011	1998	444	444	444	0	5920	790
03773	LATERAL FILES 3 DR 42"W TAN	80	80011	1998	1,946	1,946	1,946	0	5920	3,462
03774	CONF TABLE WHITE LAMINATE RM 113	80	80011	1998	222	222	222	0	5920	395
03775	LATERAL FILE 4 DWR 42"W	80	80011	1998	704	704	704	0	5920	1,252
03776	CHAIR, ADJ ARMS, AQUA, RM 113	80	80011	1998	444	444	444	0	5920	790
03777	CONCENSYS OFFICE SUITE WHITE	80	80011	1998	2,469	2,469	2,469	0	5920	4,392
03778	CONF TABLE 36" LAMINATE RM 112	80	80011	1998	223	223	223	0	5920	397
03779	LATERAL FILE 4 DR 42" W RM 112	80	80011	1998	704	704	704	0	5920	1,252
03780	CHAIR ADJ ARMS MEDITERRANEAN FABRIC	80	80011	1998	444	444	444	0	5920	790
03781	CONCENSYS OFFICE STE RM 112	80	80011	1998	3,076	3,076	3,076	0	5920	5,472
03782	LAMINATE TOP LATERAL FILE JUDY WHITE	80	80011	1998	120	120	120	0	5920	213
03783	LATERAL FILE 3 DR 42" JUDY	80	80011	1998	476	476	476	0	5920	847
03784	CHAIR, AQUA, LOW RANGE CYLINDER, ADJ	80	80011	1998	444	444	444	0	5920	790
03785	OFFICE SUITE CONCENYS WHITE LAMINATE	80	80011	1998	2,834	2,834	2,834	0	5920	5,042
03786	LATERAL FILE 2 DR 30" TAN	80	80011	1998	1,705	1,705	1,705	0	5920	3,033
03787	CHAIRS C-P307 AQUA W/ARMS	80	80011	1998	889	889	889	0	5920	1,582
03788	DESK 24X72 FORMICA COPPER METALCRAFT	80	80011	1998	453	453	453	0	5920	806
03789	CUBE TABLE 20X20 COPPER METALCRAFT	80	80011	1998	220	220	220	0	5920	391
03790	CUBE TABLE 20X36 FORMICA RECEPTION	80	80011	1998	276	276	276	0	5920	491
03791	FOLDING TABLE, BEIGE W/SAND BASE	80	80011	1998	489	489	489	0	5920	870
03792	FOLDING TABLE PLANO 30X72 GREY	80	80011	1998	489	489	489	0	5920	870
03793	LATERAL FILES 2 DWR 30"	80	80011	1998	549	549	549	0	5920	977
03794	CHAIRS HON REMINGTON CONF	80	80011	1998	659	659	659	0	5920	1,172
03795	KEYBOARDS, ARTICULATING, K/B SLIDES	80	80011	1998	399	399	399	0	5920	710
03796	CHAIR, BLUE, W/ARMS	80	80011	1998	889	889	889	0	5920	1,582
03797	CHAIRS, BLUE W/CHROME, STACK,	80	80011	1998	3,017	3,017	3,017	0	5920	5,367
03798	CONCENSYS DHO SYSTEMS FURN RM 211	80	80011	1998	3,891	3,891	3,891	0	5920	6,922
03799	DOLLY TRANSPORT MATRIX CHAIRS	80	80011	1998	1,711	1,711	1,711	0	5920	3,044
03800	TABLE TRUCK/CONF ROOM	80	80011	1998	438	438	438	0	5920	779
03801	TABLES, HALF ROUND, BREY W/BLK BASE	80	80011	1998	2,302	2,302	2,302	0	5920	4,095
03802	TABLE, RECTANGULAR 27X72, GREY TOP	80	80011	1998	1,248	1,248	1,248	0	5920	2,220
03803	TABLE, 24X60 CONF GREY TOP	80	80011	1998	1,151	1,151	1,151	0	5920	2,048
03804	CHAIRS, W/FIXED CUSHIONS/CHROME	80	80011	1998	2,112	2,112	2,112	0	5920	3,757
03805	CHAIRS, ARMLESS STACKING, INDIGO	80	80011	1998	3,017	3,017	3,017	0	5920	5,367
03806	CHAIRS, HON REMINGTON CONF	80	80011	1998	3,959	3,959	3,959	0	5920	7,043
03807	CUBE TABLE MAVERICK W/2 TACKBDS	80	80011	1998	392	392	392	0	5920	697
03808	5-30" TASK LIGHTS, 1-36" TASK LIGHT	80	80011	1998	491	491	491	0	5920	873
03809	HON CONCENSYS, LIBRARY WORK	80	80011	1998	536	536	536	0	5920	954
03810	K1 CHAIR DOLLY	80	80011	1998	214	214	214	0	5920	381
03811	LATERAL FILE 2DR 30" TAN	80	80011	1998	569	569	569	0	5920	1,012
03812	SIDE CHAIRS CHROMCRAFT ARC SERIES	80	80011	1998	4,475	4,475	4,475	0	5920	7,961
03813	CONCENSYS PEDESTALS FOR LATERAL	80	80011	1998	1,626	1,626	1,626	0	5920	2,893
03814	RTP FILESERVER UPGRADE, HP NETSERVER	80	80011	1995	4,255	4,255	4,255	0	5471	8,190
03816	CONTROLLER SYSTEM, STORAGE	80	80011	1995	4,249	4,249	4,249	0	5471	8,180
03817	SUPPORT SERVICES & INSTALLATION	80	80011	1995	900	900	900	0	5471	1,733

Table A
MRWPCA Capacity Charge Update
Wastewater Fixed Asset Cost Basis

Excludes Water Reclamation Assets

Engineering News-Record Construction Cost Index (20-Cities Avg), January 2017	10531.68

Asset #	Description	Location 1	Location 2	Acquisition Year	Original Cost	Original Cost (w/ Adjustments)	Accumulated Depreciation	Depreciated Cost Basis	ENR-CCI for Acquisition Year	ENR-Adjusted Original Cost (w/ Adjustments)
03818	3COM 3C579 TP EISA LAN ADAPTER	80	80011	1995	293	293	293	0	5471	564
03819	DESKJET 855 C HP PRINTER,	80	80011	1996	532	532	532	0	5620	998
03821	HP NETSERVER, HPD2297A,	80	80011	1996	1,598	1,598	1,598	0	5620	2,995
03822	EPSON PRO SCANNER 1200C,	80	80011	1996	1,212	1,212	1,212	0	5620	2,272
03823	CASS WORKS MAINT MGMT SYS	80	80011	1996	62,719	62,719	62,719	0	5620	117,533
03826	SEASIDE P.S. SCADA	23	2301	1998	93,238	93,238	93,238	0	5920	165,870
03827	MONTEREY #1 P.S. SCADA	1	101	1998	26,639	26,639	26,639	0	5920	47,392
03828	MONTEREY #7 P.S. SCADA	7	701	1998	13,320	13,320	13,320	0	5920	23,696
03829	CP134 MAINTENANCE SHOP REMODEL	80	80020	1997	31,181	31,181	31,181	0	5826	56,367
03830	SALINAS P.S. SCADA/UPGRADE	27	2701	1998	133,947	133,947	133,947	0	5920	238,292
03831	FT. ORD P.S. SCADA/UPGRADE	24	2401	1998	100,460	100,460	100,460	0	5920	178,719
03832	P.G. #13 P.S. SCADA/UPGRADE	13	1301	1998	50,230	50,230	50,230	0	5920	89,359
03833	P.G. #13 P.S. SCADA/UPGRADE	15	1501	1998	50,230	50,230	50,230	0	5920	89,359
03834	SCADA FINISH WORK	80	80011	1999	5,455	5,455	5,455	0	6059	9,482
03835	SCADA PROGRAM, RS LINX SOFTWARE	80	80011	1999	2,093	2,093	2,093	0	6059	3,638
03836	SCADA HOOKUP/RADIO CONNECTION	1	101	1999	6,075	6,075	6,075	0	6059	10,559
03837	SCADA MISC ELECT MAT'LS	26	2601	1999	13,653	13,653	13,653	0	6059	23,731
03838	RADIO/SCADA MODEM	26	2601	1999	2,908	2,908	2,908	0	6059	5,055
03839	SCADA TRANSMITTERS	26	2601	1999	1,638	1,638	1,638	0	6059	2,847
03840	SCADA PROGRSM S.W.	26	2601	1999	43,308	43,308	43,308	0	6059	75,277
03841	SCADA HARDWARE/SOFTWARE	25	2501	1999	9,208	9,208	9,208	0	6059	16,005
03842	SCADA TRANSMITTERS	25	2501	1999	1,551	1,551	1,551	0	6059	2,696
03843	PRESSURE TRANSMITTER	25	2501	1999	1,463	1,463	1,463	0	6059	2,543
03844	SURGE SUPPRESSOR, CENTRAL WHOLESALE	25	2501	1999	1,024	1,024	1,024	0	6059	1,780
03845	LAPTOP COMPUTERS (NEW H.D)	26	2601	1999	3,371	3,371	3,371	0	6059	5,859
03846	LAPTOP COMPUTERS (NEW H.D.)	25	2501	1999	3,371	3,371	3,371	0	6059	5,859
03847	LAPTOP COMPUTERS (NEW H.D.)	30	3001	1999	3,371	3,371	3,371	0	6059	5,859
03848	SCADA SOFTWARE	30	3001	1999	7,928	7,928	7,928	0	6059	13,780
03849	SCADA SOFTWARE	25	2501	1999	7,928	7,928	7,928	0	6059	13,780
03850	SCADA SOFTWARE	26	2601	1999	7,928	7,928	7,928	0	6059	13,780
03851	SCADA HARDWARE	25	2501	1999	6,148	6,148	6,148	0	6059	10,686
03852	SCADA HARDWARE	26	2601	1999	6,148	6,148	6,148	0	6059	10,686
03853	SCADA HARDWARE	30	3001	1999	6,148	6,148	6,148	0	6059	10,686
03854	MISC SCADA HDWE & SOFTWARE	30	3001	1999	59,894	59,894	59,894	0	6059	104,108
03855	SIGNAL ISOLATORS - PLC SCADA	30	3001	1999	2,378	2,378	2,378	0	6059	4,133
03856	SIGNAL ISOLATOS - PLC CAB	30	3001	1999	4,758	4,758	4,758	0	6059	8,270
03857	MODEM & SPPT EQUIP	30	3001	1999	2,027	2,027	2,027	0	6059	3,523
03858	SCADA CPU POWER SUPPLY	30	3001	1999	2,432	2,432	2,432	0	6059	4,227
03859	RADIO MODEMS - SCADA	30	3001	1999	2,754	2,754	2,754	0	6059	4,787
03860	POWER SUPPLY SLC 500	30	3001	1999	769	769	769	0	6059	1,337
03861	UPS BOXES - SCADA	27	2701	1999	718	718	718	0	6059	1,248
03862	UPS BOXES - SCADA	23	2301	1999	718	718	718	0	6059	1,248
03863	UPS BOXES - SCADA	24	2401	1999	718	718	718	0	6059	1,248
03864	SCADA UPGRADE - S.W.	15	1501	1999	860	860	860	0	6059	1,495
03865	SCADA UPGRADE - SOFTWARE	13	1301	1999	860	860	860	0	6059	1,495
03866	SCADA MATERIALS CONTROL ROOM	80	80011	1999	12,953	12,953	12,953	0	6059	22,515
03867	POWER SUPPLIES, 24 VOLT	80	80011	1999	1,136	1,136	1,136	0	6059	1,975
03868	ANTENNA & POWER SUPPLY	80	80011	1999	2,572	2,572	2,572	0	6059	4,471
03943	RSSL FLYGT SUBMERSIBLE PUMP	80	80330	2001	21,770	21,770	21,649	121	6343	36,146
03944	2001 MAZDA MINI-VAN W/ CARGO SPACE	90	9001	2001	20,941	20,941	20,941	0	6343	34,769
03945	LCD PROJECTOR FOR PRESENTATIONS	90	9001	2001	4,905	4,905	4,905	0	6343	8,144
03946	HP LASERJET 8150N PRINTER W/ CABINET	90	9001	2001	3,073	3,073	3,073	0	6343	5,102
03947	NETWORK ATTACHED STORAGE UNIT	90	9001	2001	2,850	2,850	2,850	0	6343	4,732
03948	NETWORK ATTACHED STORAGE UNIT	80	80010	2001	2,850	2,850	2,850	0	6343	4,732
03950	PORTABLE COMPOSITE SAMPLER W/	888	80990	2001	2,862	2,862	2,862	0	6343	4,752
03951	COMPACT PORT COMPOSITE SAMPLER W/	888	80990	2001	2,779	2,779	2,779	0	6343	4,613
03952	2001 FORD F150 TRUCK W/ CAMPER SHELL	888	80990	2001	20,769	20,769	20,769	0	6343	34,484
03954	VIBRATION DATA COLLECTOR	80	80020	2002	35,620	35,620	35,620	0	6538	57,378
03955	ROBICON VFD	30	3001	2002	18,061	18,061	17,458	603	6538	29,093
03957	2001 TOYOTA TRUCK W/ SIDE RAILS &	888	80990	2001	15,217	15,217	15,217	0	6343	25,266
03963	LAPTOP FOR COGEN KWH METERS	80	80040	2002	1,612	1,612	1,612	0	6538	2,597
03965	FLYGT SUBMERSIBLE PUMP	80	80060	2001	21,003	21,003	20,419	584	6343	34,872
03966	CONTROL PANEL 18	80	80280	2002	16,799	18,628	18,628	0	6538	30,006
03967	VFD TRICKLING FILTER	80	80060	2002	39,923	46,150	43,327	2,822	6538	74,340
03968	WET WELL RECIRCULATING CHOPPER PUMP	80	80315	2002	16,981	16,981	15,942	1,039	6538	27,353
03969	WET WELL RECIRCULATING CHOPPER PUMP	80	80060	2002	19,537	19,537	18,342	1,195	6538	31,471
03974	ROBICON VFD SLUDGE PUMP	80	80213	2002	5,126	5,126	4,841	285	6538	8,258
03975	SIGMA FERRIC PUMP	27	2701	2001	2,625	2,625	2,625	0	6343	4,359
03976	FT ORD EASEMENT-STAGE II PIPELINE	24	2401	2001	16,874	16,874	0	16,874	6343	28,018
03977	CASTROVILLE SUBM PUMP-ELEC	25	2501	2002	4,099	4,099	4,099	0	6538	6,602
03978	CASTROVILLE SUBM PUMP TRANSFER	25	2501	2002	4,873	4,873	4,873	0	6538	7,849
03979	CASTROVILLE FLYGT SUBM PUMP - 250HP	25	2501	2002	82,137	82,137	82,137	0	6538	132,310
03980	SALINAS P.S. GENERATOR HOOKUP	27	2701	2002	15,055	15,055	15,055	0	6538	24,251
03981	PEAK SHAVING GENERATOR-SALINAS P.S.	27	2701	2002	252,170	252,170	252,170	0	6538	406,206
03982	EDEN INFORUM GOLD SOFTWARE	90	9099	2002	125,626	125,626	125,626	0	6538	202,363
03983	2 RADIATOR COOLING ASSYS	23	2301	2002	34,645	37,271	37,271	0	6538	60,037
03984	CROSS FLOW PAINT BOOTH/W	0	0	2003	8,229	14,128	14,128	0	6694	22,228
03985	SECURITY UNIT CONTROL PANEL W/ 4	80	80011	2002	3,320	3,320	3,320	0	6538	5,348
03986	COMPUTER SERVER UPGRADE (M.S.)	9001	9099	2002	34,353	34,353	34,353	0	6538	55,337
03987	2002 TOYOTA CAMRY VEH #1442	9001	9099	2002	20,988	20,988	20,988	0	6538	33,809
03989	DIGITAL COPIER W/STAND & NET	80	80011	2002	8,466	8,466	8,466	0	6538	13,638

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Wastewater Fixed Asset Cost Basis

Excludes Water Reclamation Assets

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Asset #	Description	Location 1	Location 2	Acquisition Year	Original Cost	Original Cost (w/ Adjustments)	Accumulated Depreciation	Depreciated Cost Basis	ENR-CCI for Acquisition Year	ENR-Adjusted Original Cost (w/ Adjustments)
03990	RECYCLE PUMP NO. 2 - 10 HP	80	80191	2003	5,437	5,437	5,437	0	6694	8,553
03991	RECYCLE PUMP NO. 1 @ SUMP 1 & 2	80	80192	2003	5,437	5,437	5,437	0	6694	8,553
03997	GAS FIRED HT PUMP W/ S.S. HEAT EX &	80	80010	2003	21,311	21,311	13,939	7,372	6694	33,529
03999	2002 TRUCK W/UITLITY BOX & LINER 1 TON	80	80990	2002	28,575	28,575	28,575	0	6538	46,030
04000	VFD - 150 HP ROBICON	30	3001	2002	18,508	18,508	18,508	0	6538	29,813
04001	DISCHARGE FLOW METER 18"	23	2301	2003	11,968	11,968	10,571	1,397	6694	18,830
04002	AIRLESS PAINT SPRAYER	80	80330	2002	2,656	2,656	2,434	221	6538	4,278
04003	AIRLESS GAS SPRAYER	80	80330	2002	3,604	3,604	3,303	301	6538	5,805
04004	PARTS WASHER TANK W/ PUMP & MOTOR	80	80040	2002	7,759	7,759	7,155	604	6538	12,499
04005	FLAME APRESTOR & THERMAL LINK	80	80040	2002	4,085	4,085	4,085	0	6538	6,581
04006	SAND BLAST BOOTH/PAINT SHED ADDITION	80	80330	2003	20,158	20,158	10,548	9,611	6694	31,715
04007	BLAST POT PACKAGE	80	80330	2003	2,042	2,042	2,042	0	6694	3,212
04008	PAINT AFTERCOOLOER SYSTEM-400CFM	80	80330	2003	5,079	5,079	5,079	0	6694	7,991
04009	VFD-TRICKLING FILTER 300HP	80	80131	2003	44,705	44,705	44,705	0	6694	70,335
04010	RSSL DRIVE - ALLEN BRADLEY (1 OF 3)	80	80060	2003	4,879	4,879	4,879	0	6694	7,676
04011	RSSL DRIVE - ALLEN BRADLEY (2 OF 3)	80	80060	2003	4,879	4,879	4,879	0	6694	7,676
04012	RSSL VFD DRIVE - ALLEN BRADLEY (3 OF 3)	80	80060	2003	4,879	4,879	4,879	0	6694	7,676
04013	SURVEILLANCE SYSTEM W/160 GIG HD	80	80990	2003	4,306	4,306	4,306	0	6694	6,774
04015	ROTORK GATE ACTUATOR	80	80260	2002	12,875	12,875	12,875	0	6538	20,739
04016	ROTORK GATE ACTUATOR	80	80260	2002	12,875	12,875	12,875	0	6538	20,739
04017	DATA HIGHWAY/FIBEROPTICS COGEN	80	80040	2002	7,910	7,910	7,910	0	6538	12,742
04018	ETHERNET PROCESSOR/SLC	80	80040	2003	3,395	3,395	3,395	0	6694	5,341
04019	LAN SPECTRUM ANALYZER 2.4 GHZ	80	80090	2003	1,973	1,973	1,973	0	6694	3,105
04020	DATA HWY SCADA UPGRADE	80	80990	2003	10,184	10,184	10,184	0	6694	16,022
04021	DATA HWY FIBEROPTICS - CHEM BLDG	80	80050	2002	5,351	5,351	5,351	0	6538	8,619
04022	DATA HWY FIBEROPTICS - TRICKLING FILTER	80	80132	2003	7,341	7,341	7,341	0	6694	11,550
04023	DATA HWY FIBEROPTICS - COGEN TO HDWKS	0	0	2003	6,090	6,090	6,090	0	6694	9,581
04028	CHOPPER PUMP - HORIZONTAL	80	80070	2002	10,973	10,973	10,973	0	6538	17,676
04029	CHOPPER PUMP - HORIZONTAL	80	80070	2002	10,973	10,973	10,973	0	6538	17,676
04030	3000GAL TANK - XLPE SODIUM	80	80050	2002	5,211	5,211	5,211	0	6538	8,394
04031	FLYGT PUMP 4" - SLUDGE TO BELTPRESS	80	80070	2003	8,281	8,281	8,281	0	6694	13,028
04032	WHEEL LOADER - 4WD	80	80990	2002	100,654	100,654	100,654	0	6538	162,138
04035	DIGITAL COPIER/PURCHASING	80	80010	2002	4,880	4,880	4,880	0	6538	7,861
04036	TAPE DRIVE TABLE TOP	9001	90011	2002	3,442	3,442	3,442	0	6538	5,544
04037	XEROX COPIER MACHINE	9001	90011	2003	9,116	9,116	9,116	0	6694	14,343
04038	XEROX COPIER MACHINE	9001	90011	2003	29,279	29,279	29,279	0	6694	46,065
04043	DIGITAL/PAPERLESS CHART RECORDER	80	80040	2003	3,763	3,763	3,763	0	6694	5,920
04044	2003 CHEVY SILVERADO 1/2 TON 4X4 TRUCK,	80	80990	2003	20,468	20,468	20,468	0	6694	32,203
04045	SUTORBILT BLOWER HDYR 5HP	80	80080	2003	2,902	2,902	2,547	355	6694	4,566
04046	MTY P.S. FLOW EQUALIZER SET UP	1	10099	2003	20,544	20,544	13,437	7,107	6694	32,321
04047	PUMP STAND 45 DEGREE ROTATION	25	2599	2003	4,049	4,049	4,049	0	6694	6,370
04048	ADMIN ENTRANCE REMODEL	90	9001	2003	36,791	36,791	32,087	4,704	6694	57,884
04049	ADMIN DEPT WORKSTATIONS	90	9001	2003	13,403	13,403	11,689	1,714	6694	21,087
04050	SS SLUCE GATE FOR PG 013	13	1301	2003	4,885	4,885	4,152	733	6694	7,686
04051	SS SLUCE GATE FOR PG 015	15	1501	2003	4,885	4,885	4,152	733	6694	7,686
04052	VFD TRICKLING FILTER INSTALL #191	80	80060	2004	1,025	1,025	1,025	0	7115	1,517
04053	PUMP-COGEN HOT WATER LOOP SYSTEM	80	80040	2003	3,080	3,080	3,080	0	6694	4,846
04056	MERLIN MAGIX VOICE MESSAGING, 6PORT	9001	9099	2004	5,204	5,204	5,204	0	7115	7,703
04058	SECURITY PANIC ALARM SYSTEM	90	9001	2004	3,067	17,650	17,650	0	7115	26,125
04059	2004 SILVERADO PU 1/2 TON TRUCK	80	80990	2003	23,767	23,767	23,767	0	6694	37,393
04061	VIDEO PROJECTOR W/CABLE & MOUNT	80	80011	2003	4,131	4,131	4,131	0	6694	6,500
04062	2004 FORD F450 TRUCK W/SCELZI CRANE	80	80011	2003	47,181	47,181	47,181	0	6694	74,231
04063	CHANNEL MONSTER GRINDER	7	704	2004	37,188	37,188	30,986	6,202	7115	55,046
04064	ETHERNET RADIO SYSTEM W/ 10 PLC	80	80999	2003	30,771	30,771	30,771	0	6694	48,412
04065	PLC 5 PROCESSOR- FILTER BLDG (SCADA)	80	80060	2004	11,185	11,185	11,185	0	7115	16,557
04066	ELECTRIC SCELZI TRUCK CRANE	80	80990	2003	4,592	4,592	4,592	0	6694	7,225
04067	4WD DIESEL MANLIFT - USED	80	80990	2003	32,229	32,229	32,229	0	6694	50,705
04070	OFFICE FURNITURE SYSTEM FOR COGEN	80	80040	2003	5,806	5,806	5,806	0	6694	9,135
04071	OBERG OIL FILTER CRUSHER	80	80040	2003	4,285	4,285	2,767	1,518	6694	6,741
04072	20HP WSSL VFD - WASTE ACTIVATED SLUDGE	80	80060	2003	5,729	5,729	5,729	0	6694	9,013
04073	50HP RSSL VFD - RTN ACTIVATED SLUDGE	80	80060	2003	2,738	2,738	2,738	0	6694	4,308
04074	SLC500 RSSL PLC AT TRICKLING FILTER	80	80060	2003	25,326	33,731	33,731	0	6694	53,069
04075	DATA TEST LOG SET	80	80990	2003	16,613	16,613	16,613	0	6694	26,137
04076	HORIZONTAL CHOPPER PUMP W/ EC-2	80	80100	2004	12,337	12,337	12,337	0	7115	18,261
04077	HORIZONTAL CHOPPER PUMP W/ EC-2	80	80100	2004	12,337	12,337	12,337	0	7115	18,261
04078	OPS COMPUTER WORKSTATION	80	80011	2003	2,538	2,538	2,538	0	6694	3,992
04079	SUBMERS PUMP CA025 FLYGT 250 HP	25	2501	2004	113,518	113,518	113,518	0	7115	168,031
04080	EST COMPUTER WORKSTATION	80	80011	2003	2,538	2,538	2,538	0	6694	3,992
04081	WEIR ALGAE SWEEP BRUSH SYSTEM	80	80143	2004	5,454	5,454	5,454	0	7115	8,073
04082	AUTOMATIC CLASS C-WATER STRAINER W/SS	80	80990	2004	9,043	9,043	5,613	3,430	7115	13,385
04083	RS BIZWARE HISTORIAN SOFTWARE	80	80011	2004	4,739	4,739	4,739	0	7115	7,014
04084	2 OVERHEAD STEEL DOORS -OLD CHEM BLDG	80	80050	2004	5,009	5,009	3,067	1,942	7115	7,414
04085	VFD ROBICON 250 HP W/BYPASS, W/CAB	1	101	2004	42,795	42,795	42,795	0	7115	63,346
04088	BOARD ROOM SOUND SYSTEM	9001	9001	2004	12,943	12,943	12,943	0	7115	19,158
04089	HVAC/DUCTWORK MODIFICATIONS - BOARD	90	9001	2004	4,793	4,793	3,861	932	7115	7,095
04090	POLYMER MIXING UNIT LIQUID FEED SYSTEM	80	80117	2004	8,516	8,516	8,516	0	7115	12,605
04091	BOARD ROOM CHAIRS (20)	90	9001	2004	3,907	3,907	3,907	0	7115	5,784
04092	VFD ROBICON 250 HP W/BYPASS,CABINETS	1	101	2004	42,795	42,795	42,795	0	7115	63,346
04093	VFD ROBICON W/65KAIC BRKR 300A	1	101	2004	39,631	39,631	39,631	0	7115	58,662
04094	VFD ROBICON W/65KAIC BRKR 300A	1	101	2004	39,631	39,631	39,631	0	7115	58,662
04095	CONTROL PANEL & GAUGES FOR COGEN	80	80040	2004	8,510	8,510	8,510	0	7115	12,597

Table A
MRWPCA Capacity Charge Update
Wastewater Fixed Asset Cost Basis

Excludes Water Reclamation Assets

Engineering News-Record Construction Cost Index (20-Cities Avg), January 2017	10531.68

Asset #	Description	Location 1	Location 2	Acquisition Year	Original Cost	Original Cost (w/ Adjustments)	Accumulated Depreciation	Depreciated Cost Basis	ENR-CCI for Acquisition Year	ENR-Adjusted Original Cost (w/ Adjustments)
04097	48 FT CONTAINER & INSTALLATION	80	80010	2004	4,283	4,283	2,570	1,713	7115	6,340
04098	LAB REVERSE OSMOSIS SYSTEM	80	9001	2005	11,643	11,643	11,643	0	7446	16,469
04101	MPS SCADA PLC UPGRADE	1	101	2005	4,157	4,157	4,157	0	7446	5,880
04102	10 GPM, 200 PSI HYDRAULIC POWER UNIT	888	80330	2004	12,686	12,686	12,686	0	7115	18,778
04103	TRICKLING FILTER VFD	80	80060	2005	44,587	44,587	34,178	10,409	7446	63,064
04105	CLASS C WATER STRAINER/SUPPLY SYSTEM	80	80050	2004	9,195	9,195	9,195	0	7115	13,610
04108	REVERSE OSMOSIS/DESALINATION	80	80040	2004	38,293	49,899	38,421	11,479	7115	73,861
04109	RECYCLE PUMP FLOW METER	80	80191	2005	3,383	3,383	1,903	1,480	7446	4,785
04110	RECYCLE PUMP FLOW METER	80	80192	2005	3,383	3,383	1,903	1,480	7446	4,785
04111	MAINTENANCE BLDG HVAC	80	80020	2005	4,278	4,716	2,612	2,104	7446	6,670
04112	HVAC	80	80010	2005	4,278	4,278	2,370	1,907	7446	6,050
04113	COGEN HVAC	80	80040	2005	9,372	9,372	5,193	4,179	7446	13,256
04114	TOC ANALYZER	80	80010	2004	31,073	31,073	31,073	0	7115	45,994
04115	10 HP SUBMERSIBLE RECYCLE PUMP	80	80191	2004	5,566	5,566	3,339	2,227	7115	8,239
04117	100 HP DIGESTER SOFT START	80	80070	2004	3,480	3,480	3,480	0	7115	5,151
04118	MPS DRY WELL FAN	1	101	2004	6,393	6,393	5,078	1,315	7115	9,463
04119	WATER SOFTENER W/ METER	80	80100	2004	3,775	3,775	3,775	0	7115	5,588
04122	DIGITAL MOISTURE BALANCE	80	80100	2004	3,576	3,576	3,576	0	7115	5,293
04123	CLASS C WATER PUMP	80	80050	2004	4,938	4,938	4,938	0	7115	7,309
04126	RTP ADMIN BLDG RECEPTION AREA	80	80011	2005	8,789	8,789	6,688	2,101	7446	12,431
04127	CONDUCTIVITY TEST METER	888	80100	2005	4,733	4,733	3,576	1,158	7446	6,695
04128	QUANTI TRAY SEALER & TRAY	80	80010	2005	3,316	3,316	3,316	0	7446	4,690
04129	DELTEK SERVER FOR PAYROLL SOFTWARE	90	9001	2005	3,940	3,940	3,940	0	7446	5,573
04130	RTP/ADMIN BACK UP SOFTWARE	90	9001	2005	2,623	2,623	2,623	0	7446	3,710
04131	ALLEN BRADLEY CPU	80	80010	2005	2,541	2,541	2,541	0	7446	3,594
04132	METERING PUMP	80	80100	2005	3,311	3,311	3,311	0	7446	4,683
04133	VFD BUILDING-SALINAS PUMP STATION	27	2701	2005	649,497	649,497	179,938	469,558	7446	918,653
04134	VFD PROJECT-PAVING	27	2701	2005	20,346	20,346	5,637	14,709	7446	28,778
04135	VFD BUILDING HVAC EQUIPMENT	27	2701	2005	16,000	16,000	8,865	7,135	7446	22,631
04136	VFD BUILDING ELECTRICAL METERING	27	2701	2005	20,000	20,000	11,081	8,919	7446	28,288
04137	VFD PROJECT-LOW VOLT GENERATION	27	2701	2005	130,000	130,000	57,622	72,378	7446	183,873
04138	VFD PROJECT-CHAIN LINK FENCING	27	2701	2005	4,000	4,000	1,108	2,892	7446	5,658
04139	VFD PROJECT-ELECT DISTRIBUTION	27	2701	2005	81,000	81,000	44,879	36,121	7446	114,567
04140	VFD PROJ-MED. VOLT SWITCH GEAR &	27	2701	2005	95,000	95,000	42,109	52,891	7446	134,369
04141	VFD PROJECT CIRCUIT BREAKER	27	2701	2005	15,423	15,423	6,836	8,587	7446	21,815
04142	VFD #1 OF 8 VFD'S & MOTORS	27	2701	2005	154,417	154,417	85,556	68,861	7446	218,408
04143	VFD #2 OF 8 VFD'S & MOTORS	27	2701	2005	154,417	154,417	85,556	68,861	7446	218,408
04144	VFD #3 OF 8 VFD'S & MOTORS	27	2701	2005	154,417	154,417	85,556	68,861	7446	218,408
04145	VFD #4 OF 8 VFD'S & MOTORS	27	2701	2005	154,417	154,417	85,556	68,861	7446	218,408
04146	VFD #5 OF 8 VFD'S & MOTORS	27	2701	2005	154,417	154,417	85,556	68,861	7446	218,408
04147	VFD #6 OF 8 VFD'S & MOTORS	27	2701	2005	154,417	154,417	85,556	68,861	7446	218,408
04148	VFD #7 OF 8 VFD'S & MOTORS	27	2701	2005	154,417	154,417	85,556	68,861	7446	218,408
04149	VFD #8 OF 8 VFD'S & MOTORS	27	2701	2005	154,416	154,416	85,555	68,861	7446	218,408
04150	VFD GENERATOR #1	27	2701	2005	466,653	466,653	206,844	259,810	7446	660,038
04151	VFD GENERATOR #2	27	2701	2005	466,653	466,653	206,844	259,810	7446	660,038
04152	LIQ WASTE FAC CAMERA, MONITOR,	80	80315	2005	25,269	25,269	25,269	0	7446	35,741
04153	LIQ WASTE NOZZLES, PLUG VALVES, PIPING	80	80315	2005	8,400	8,400	8,400	0	7446	11,881
04154	LQ WORK STATION W/TRANSCEIVER UPS	80	80315	2005	4,079	4,079	4,079	0	7446	5,770
04155	PARKING GARAGE #1 2 CLEAR SPAN POLY	80	80020	2005	24,912	24,912	13,803	11,109	7446	35,236
04156	EMERGENCY LPG GEN GENERAC 25KW	80	80040	2005	17,547	17,547	9,722	7,825	7446	24,818
04157	LOCKER ROOM REMODEL	80	80020	2005	9,092	9,092	2,519	6,573	7446	12,859
04158	HEADWORKS PEROXIDE STATION=VENDOR	80	80100	2005	10,711	10,711	5,934	4,776	7446	15,150
04161	LPG TANK, FITTINGS-RTP EMERGENCY LPG	0	0	2005	1,349	1,349	747	602	7446	1,908
04162	CONCRETE CONTAINMENT/ROADWAY	27	2701	2005	92,591	92,591	33,944	58,647	7446	130,961
04163	CHEMICAL FEED SYSTEM (FERRIC)	27	2701	2005	109,529	109,529	109,529	0	7446	154,918
04164	BOARD ROOM REMODEL	9001	9001	2005	126,675	126,675	69,657	57,018	7446	179,170
04165	CLASS A WATER SYS/TANK/PAD/FTGS	80	80040	2006	26,866	26,866	13,542	13,324	7751	36,505
04166	LANDSCAPING/ROCK/PLANTS/UNDERLAYME	90	9001	2005	15,736	15,736	8,653	7,083	7446	22,258
04168	FURNITURE & FIXTURES, SHELVING, BLINDS	90	9001	2005	35,255	35,255	19,386	15,868	7446	49,865
04169	ADMIN EXPANSION BILLING/ACCOUNTING	90	9001	2005	591,391	591,391	216,805	374,586	7446	836,469
04170	BUILDING IMPROVEMENTS - ADMIN	90	9001	2005	7,436	7,436	2,726	4,710	7446	10,518
04171	ROBICON 300 HP VFD	80	80060	2004	38,731	38,731	38,731	0	7115	57,331
04174	PORTABLE POLYMER MIXING UNIT	80	80117	2005	14,752	14,752	14,752	0	7446	20,866
04175	PORTABLE POLYMER MIXING UNIT	80	80990	2005	10,837	10,837	10,837	0	7446	15,327
04177	2006 FORD F350 PICK UP TRUCK	80	80990	2006	38,766	39,768	39,768	0	7751	54,035
04178	3/4 TON 2006 FORD F250 PICK UP TRUCK	80	80990	2006	25,792	25,792	25,792	0	7751	35,046
04179	2006 FORD F150 PICK UP TRUCK	80	80990	2006	14,939	14,939	14,939	0	7751	20,299
04181	300 HP VERTICAL PUMP MOTOR	80	80060	2006	48,731	48,731	24,766	23,965	7751	66,214
04182	48V R&R BATTERY SYSTEM	80	80040	2005	22,455	22,455	16,090	6,365	7446	31,760
04183	ADMIN BACK UP SERVER	90	9001	2005	2,720	2,720	2,720	0	7446	3,847
04185	10HP FLYGT SUBMERSIBLE PUMP	80	80191	2006	6,767	6,767	3,496	3,272	7751	9,195
04186	24"HP DESIGN JET 500 PLOTTER	80	80011	2006	3,594	3,594	3,594	0	7751	4,883
04187	SIEMENS 4" MAGNETIC FLOW METER	80	80150	2006	3,172	3,172	3,172	0	7751	4,309
04192	6" ELECTROMAGNETIC FLOWMETER	80	80075	2006	2,801	2,801	2,801	0	7751	3,806
04193	ADMIN FRONT OFC REMODEL/CONF RM	90	9001	2006	22,560	22,560	11,371	11,188	7751	30,653
04195	4" ELECTROMAGNETIC FLOWMETER	80	80075	2006	2,412	2,412	2,412	0	7751	3,277
04196	ADMIN FRONT OFFICE REMODEL WORK	90	9001	2006	4,970	4,970	4,970	0	7751	6,753
04197	COGEN BREAKER SWITCHES (14 UNITS)	80	80040	2007	94,949	94,949	42,906	52,043	7966	125,530
04198	COGEN EMERGENCY DIESEL GENERATOR	80	80040	2007	754,385	754,385	340,894	413,491	7966	997,356
04199	FIBERGALSS SOUND PROOFING, SEASIDE PS	23	2301	2007	35,178	35,178	15,896	19,281	7966	46,508
04200	48" LAND OUTFALL INSPECTION MANHOLE	80	80990	2007	103,353	103,353	23,303	80,050	7966	136,641

Table A
MRWPCA Capacity Charge Update
Wastewater Fixed Asset Cost Basis

Excludes Water Reclamation Assets

Engineering News-Record Construction Cost Index (20-Cities Avg), January 2017	10531.68

Asset #	Description	Location 1	Location 2	Acquisition Year	Original Cost	Original Cost (w/ Adjustments)	Accumulated Depreciation	Depreciated Cost Basis	ENR-CCI for Acquisition Year	ENR-Adjusted Original Cost (w/ Adjustments)
04201	DIESEL GENERATOR - MONTEREY P.S.	1	101	2007	550,902	550,902	248,943	301,959	7966	728,336
04202	REESIDE P.S. BLDG REMODEL	7	704	2007	291,186	291,186	131,582	159,604	7966	384,971
04203	CONTACT TANK SOLIDS RETENTION MGT SYS	80	80090	2007	45,888	45,888	42,031	3,856	7966	60,667
04204	6500 GALLON POLY TANK (FOR PIX)	80	80050	2005	22,769	22,769	22,769	0	7446	32,205
04205	SPARLING PROPELLER FLOW METER	80	80160	2006	6,319	6,319	3,146	3,173	7751	8,586
04206	T36" IN-CHANNEL GRINDER	27	2701	2007	67,009	67,009	41,924	25,085	7966	88,591
04207	T36" IN-CHANNEL GRINDER	27	2702	2007	67,009	67,009	41,924	25,085	7966	88,591
04208	2007 FORD F150 PICK UP TRUCK (VEH#1468)	80	80990	2006	17,099	17,099	16,811	288	7751	23,233
04209	2006 TOYOTA SCION X-B (VEH#1467)	80	80990	2006	17,469	17,469	17,322	147	7751	23,735
04210	2007 TOYOTA CAMRY HYBRID (VEH#1469)	90	9099	2007	26,474	26,474	24,694	1,780	7966	35,001
04211	2008 FORD F250 TRUCK W/ CRANE	80	80990	2007	37,958	49,331	44,516	4,815	7966	65,219
04212	ISCO REFRIGERATED SAMPLER	80	80075	2006	5,468	5,468	5,422	46	7751	7,429
04213	MOTOROLLA RADIO COMMUNICATION	80	80020	2006	4,862	4,862	4,822	41	7751	6,607
04214	GENIE GS2646 SCISSOR LIFT	80	80990	2006	15,685	15,685	15,421	264	7751	21,312
04215	TRAILER MOUNTED 150KW PORT.	888	80020	2007	59,362	59,362	22,036	37,326	7966	78,482
04216	WATER HEATER & CIRCULATING PUMP	80	80010	2006	9,347	9,347	9,347	0	7751	12,700
04217	FLYGT SUBMERSIBLE PUMP	80	80150	2006	7,134	7,134	3,492	3,642	7751	9,694
04218	BARRACUDA SPAM FIREWALL	90	9001	2006	2,706	2,706	1,325	1,382	7751	3,677
04219	RECONDITIONED GE 4000 AMP BREAKER	27	2701	2006	16,867	16,867	8,115	8,752	7751	22,917
04221	ABB 16' ELECTROMAGNETIC FLOW METER	1	101	2006	18,176	18,176	17,412	764	7751	24,696
04222	PROMINENT METERING PUMP	1	101	2006	3,124	3,124	3,124	0	7751	4,245
04224	EDEN CONTRACT MANAGEMENT SYS	90	9001	2007	10,323	10,323	10,323	0	7966	13,647
04225	GE 3000 AMP POWER BREAKER	80	80020	2007	13,154	13,154	6,109	7,045	7966	17,391
04228	4" SIEMENS MAG3100 FLOW METER	80	80100	2007	3,515	3,515	2,179	1,335	7966	4,647
04229	VOICEMAIL SYSTEM UPGRADE	80	80010	2007	3,540	3,540	3,540	0	7966	4,679
04230	POSTAGE METER	90	9001	2007	3,861	3,861	3,504	357	7966	5,105
04231	SLUDGE BARGE ENGINE	80	80220	2007	19,144	19,144	8,811	10,333	7966	25,310
04232	16" SIEMENS MAGNETIC FLOW METER	80	80150	2007	7,337	7,337	6,481	856	7966	9,700
04233	24" JWC CHANNEL MONSTER	13	1301	2008	29,508	29,508	23,853	5,656	8310	37,397
04236	ISCO REFRIGERATED SAMPLER	80	80160	2007	7,018	7,018	4,133	2,885	7966	9,278
04237	ISCO REFRIGERATED SAMPLER	80	80260	2007	7,018	7,018	4,133	2,885	7966	9,278
04238	THERMO ELECTRON SPECTROPHOTOMETER	80	80010	2008	6,732	6,732	5,722	1,010	8310	8,531
04239	STERILMATIC STEAM PRESSURE STERILIZER	80	80010	2007	9,612	9,612	8,490	1,121	7966	12,708
04240	KJELTEC 2200 DISTILLATION W/ REAGENT	80	80010	2008	12,749	12,749	10,837	1,912	8310	16,158
04242	ISOTEMP PLUS GP REFRIGERATOR	80	80010	2007	7,515	7,515	6,638	877	7966	9,935
04243	OHAUS DISCOVERY ANALYTICAL BALANCE	80	80010	2007	5,035	5,035	4,448	587	7966	6,657
04244	STEEL ROLL UP DOOR	80	80330	2008	2,974	2,974	1,227	1,747	8310	3,769
04245	CLEARSPAN CUSTOM SOLID END PANEL	80	80330	2008	2,333	2,333	962	1,370	8310	2,956
04246	CLEARSPAN CUSTOM SOLID END PANEL	80	80330	2008	2,333	2,333	962	1,370	8310	2,956
04247	CLEARSPAN CUSTOM SOLID END PANEL	80	80030	2008	2,333	2,333	962	1,370	8310	2,956
04248	2008 TOYOTA CAMRY HYBRID SEDAN	90	9099	2007	26,692	26,692	26,692	0	7966	35,289
04249	2008 FORD RANGER TRUCK (VEH#1476)	80	80990	2008	19,099	19,099	19,099	0	8310	24,205
04250	2008 FORD F-350 4X2 TRUCK (VEH# 1475)	80	80990	2008	27,280	27,280	27,280	0	8310	34,573
04252	2008 FORD F-250 W/ BOX & LINER,	80	80990	2008	23,947	23,947	23,947	0	8310	30,349
04253	FREEDOM EZ GO GOLF CART, VEH #1482	80	80990	2008	8,684	8,978	7,406	1,573	8310	11,379
04254	RE-CIRCULATING PUMP	1	101	2007	3,843	3,843	3,394	448	7966	5,080
04255	RE-CIRCULATING PUMP	1	101	2007	3,843	3,843	3,394	448	7966	5,080
04256	DRESSER ROOTS WISPAIR BLOWER	80	80090	2007	18,542	18,542	8,035	10,507	7966	24,514
04259	CHANNEL SLIDE GATE (MANUALLY	23	2301	2008	7,036	7,036	2,873	4,163	8310	8,917
04260	CHANNEL SLIDE GATE (MANUALLY	23	2301	2008	7,036	7,036	2,873	4,163	8310	8,917
04261	OFFICE PANELS & WORKSTATION	90	9001	2008	6,488	6,488	5,515	973	8310	8,223
04262	COGEN WATER SOFTENER	80	80040	2008	2,744	2,744	2,310	434	8310	3,478
04265	FENCE & GATES	23	2301	2008	11,779	11,779	11,779	0	8310	14,927
04266	GRINDEX 3" SUBMERSIBLE PUMP	80	80990	2008	3,852	3,852	3,146	706	8310	4,882
04268	RTP OLD ADMIN BUILDING ROOFING	80	80010	2008	169,603	222,918	37,418	185,500	8310	282,515
04269	RTP MAINTENANCE BUILDING ROOFING	80	80020	2008	89,941	159,841	25,960	133,881	8310	202,575
04270	VEHICLE STORAGE BUILDING ROOFING	80	80030	2008	23,196	23,196	4,688	18,509	8310	29,398
04271	DIGESTER CONTROL BUILDING ROOFING	80	80070	2008	33,963	33,963	6,863	27,100	8310	43,043
04272	HEADWORKS BUILDING ROOFING	80	80100	2008	178,444	178,444	36,061	142,384	8310	226,151
04273	THICKENER PUMP STATION BLDG ROOFING	80	80280	2008	82,662	82,662	16,705	65,958	8310	104,762
04274	PRIMARY CLARIFIER #5 ROOFING	80	80115	2008	27,985	27,985	5,655	22,329	8310	35,466
04275	COGEN BUILDING ROOFING (1ST PART))	80	80039	2008	156,517	156,517	31,630	124,888	8310	198,362
04276	MOYNO 2000 PUMP	80	80111	2008	27,336	27,336	11,048	16,288	8310	34,644
04277	MOYNO 2000 PUMP	80	80112	2008	27,336	27,336	11,048	16,288	8310	34,644
04278	MOYNO 2000 PUMP	80	80113	2008	27,336	27,336	11,048	16,288	8310	34,644
04279	MOYNO 2000 PUMP	80	80114	2008	27,336	27,336	11,048	16,288	8310	34,644
04280	LOW FLOW FLYGT SUBMERSIBLE PUMP-	23	2301	2008	106,616	106,616	89,735	16,881	8310	135,119
04281	LOW FLOW FLYGT SUBMERSIBLE PUMP -	23	2301	2008	106,616	106,616	89,735	16,881	8310	135,119
04283	UTILITY BILLING SOFTWARE UPGRADE	90	9001	2009	95,255	91,695	66,504	25,191	8570	112,684
04284	500 GAL TRAILER MOUNTED VACCUM TRUCK	888	80990	2008	49,710	49,710	38,525	11,185	8310	62,999
04285	200 HP VARIABLE FREQUENCY DRIVE	13	1301	2009	25,361	25,361	12,681	12,681	8570	31,167
04286	200 HP VARIABLE FREQUENCY DRIVE	13	1301	2009	25,361	25,361	19,021	6,340	8570	31,167
04287	100 HP 18 PULSE VARIABLE FREQUENCY	15	1501	2009	18,575	18,575	8,875	9,700	8570	22,827
04288	100 HP 18 PULSE VARIABLE FREQUENCY	15	1501	2009	18,575	18,575	8,875	9,700	8570	22,827
04289	JOHN DEERE TRACTOR (VEH# 1487)	80	80990	2008	19,012	19,012	9,612	9,401	8310	24,095
04290	TRACTOR LOADER (FOR JOHN DEERE	80	80990	2008	2,711	2,711	2,056	655	8310	3,435
04291	LANDPRIDE MOWER (VEH# 1487	80	80990	2009	1,877	1,877	1,408	469	8570	2,306
04292	LANDPRIDE TANDEM DISC (VEH#1487	80	80990	2009	1,770	1,770	1,327	442	8570	2,175
04293	70 KW MULTIQUIP PORTABLE GENERATOR	888	80990	2008	33,333	33,333	33,333	0	8310	42,245
04294	E-Z-GO ELEC CART W/ CAB & RACK,	80	80990	2008	9,661	9,661	4,938	4,723	8310	12,244
04295	E-Z-GO MULTIPURPOSE GOLF CART	80	80990	2008	7,052	7,052	3,643	3,408	8310	8,937

Table A
MRWPCA Capacity Charge Update
Wastewater Fixed Asset Cost Basis

Excludes Water Reclamation Assets

Engineering News-Record Construction Cost Index (20-Cities Avg), January 2017 10531.68

Asset #	Description	Location 1	Location 2	Acquisition Year	Original Cost	Original Cost (w/ Adjustments)	Accumulated Depreciation	Depreciated Cost Basis	ENR-CCI for Acquisition Year	ENR-Adjusted Original Cost (w/ Adjustments)
04296	E-Z-GO MULTIPURPOSE GOLF CART	80	80990	2008	7,052	7,052	3,643	3,408	8310	8,937
04297	2008 FORD F-150 4X2 XL TRUCK (VEH# 1479)	80	80990	2008	23,063	23,063	23,063	0	8310	29,229
04298	2008 FORD F250 4X2 SD REG CAB	80	80990	2008	26,209	26,209	26,209	0	8310	33,216
04299	2008 FORD F250 4X2 SD REG CAB	80	80990	2008	26,211	26,211	26,211	0	8310	33,219
04300	25 HP SUBMERSIBLE TURBINE PUMP	80	80170	2008	4,954	4,954	2,642	2,312	8310	6,278
04307	SOFTWARE & LICENSING	90	9001	2008	7,213	7,213	7,138	75	8310	9,141
04308	SOFTWARE AND LICENSING	90	9001	2008	10,598	10,598	10,488	110	8310	13,431
04309	SOFTWARE AND LICENSING	90	9001	2008	9,296	9,296	9,199	97	8310	11,781
04310	2 HP EBARA SUBMERSIBLE PUMP	80	80990	2008	4,461	4,461	4,461	0	8310	5,653
04311	4" FLYGT SUBMERSIBLE PUMP	80	80191	2009	6,887	6,887	5,108	1,779	8570	8,463
04312	6" FLYGT SUBMERSIBLE PUMP	80	80192	2009	6,887	6,887	5,108	1,779	8570	8,463
04313	REFRIGERATED INCUBATOR	80	80010	2009	5,265	5,265	5,265	0	8570	6,470
04314	SIEMENS MAGNETIC FLOW METER	80	80131	2009	5,731	5,731	2,101	3,630	8570	7,043
04315	OFFICE PANELS	80	80010	2009	5,947	5,947	4,361	1,586	8570	7,308
04316	REESIDE PUMP STATION EXTERIOR DOOR	7	704	2009	3,118	3,118	904	2,214	8570	3,832
04317	200 LITER WATER TANK (LAB REV OSMOSIS)	80	80010	2009	4,655	4,655	3,414	1,241	8570	5,721
04318	RECYCLE SUMP 1 CONTROL PANEL	80	80191	2006	16,806	16,806	8,473	8,333	7751	22,835
04320	RECYCLE SUMP 2 CONTROL PANEL	80	80192	2006	17,010	17,010	8,576	8,434	7751	23,112
04321	PRIMARY SLUDGE PUMPING CONTROL	80	80120	2006	33,642	33,642	16,961	16,681	7751	45,712
04322	GRIT PUMPING CONTROL PANEL	80	80070	2006	49,764	49,764	25,089	24,675	7751	67,617
04323	CONTROL PANEL ALARM SYSTEM	80	80070	2006	10,580	10,580	10,580	0	7751	14,376
04324	SALINAS INTERCEPTOR CATHODIC	27	2701	2009	323,155	334,453	117,122	217,331	8570	411,010
04325	SALINAS INTERCEPTOR RIGHTS OF WAY	27	2799	2009	28,974	28,974	0	28,974	8570	35,606
04326	HEADWORKS GRATING @ GRIT CHAMBER	80	80100	2007	26,112	26,112	19,040	7,072	7966	34,522
04327	ALUMINUM CHECK PLATE GRATING @ POST	80	80100	2009	41,796	41,796	24,671	17,125	8570	51,363
04328	MARINA PUMP STATION ROOF	30	3001	2008	15,231	15,231	5,965	9,266	8310	19,303
04329	SEASIDE PUMP STATION ROOF	23	2301	2009	23,836	23,836	8,641	15,195	8570	29,292
04330	BRINE POND MODIFICATION	80	80075	2008	102,695	102,695	41,506	61,189	8310	130,150
04331	BRINE POND FENCE	80	80075	2004	6,760	6,760	5,333	1,427	7115	10,006
04332	SALINAS PUMP STATION CENTRIFUGAL	27	2701	2009	117,463	117,463	41,601	75,861	8570	144,350
04333	SALINAS PUMP STATION CENTRIFUGAL	27	2701	2009	117,463	117,463	41,601	75,861	8570	144,350
04334	SALINAS PUMP STATION CENTRIFUGAL	27	2701	2009	115,504	115,504	40,908	74,596	8570	141,943
04335	SALINAS PUMP STATION CENTRIFUGAL	27	2701	2009	115,504	115,504	40,908	74,596	8570	141,943
04336	SALINAS PUMP STATION CENTRIFUGAL	27	2701	2009	115,504	115,504	40,908	74,596	8570	141,943
04337	SALINAS PUMP STATION CENTRIFUGAL	27	2701	2009	115,504	115,504	40,908	74,596	8570	141,943
04338	SALINAS PUMP STATION CENTRIFUGAL	27	2701	2009	115,504	115,504	40,908	74,596	8570	141,943
04339	SALINAS PUMP STATION CENTRIFUGAL	27	2701	2009	115,504	115,504	40,908	74,596	8570	141,943
04340	175 KW DIESEL ENGINE GENERATOR	15	1501	2009	95,192	97,894	69,246	28,648	8570	120,302
04341	5" X 4" SUBMERSIBLE DRY PIT PUMP	15	1501	2009	45,017	45,017	21,258	23,759	8570	55,321
04342	125 KW DIESEL GENERATOR (REESIDE P.S.)	7	704	2009	61,559	63,840	45,139	18,701	8570	78,453
04343	MOYNO SLUDGE PUMP FOR THICKENER #1	80	80201	2009	92,279	92,279	32,682	59,597	8570	113,401
04344	MOYNO SLUDGE PUMP FOR THICKENER #2	80	80202	2009	92,279	92,279	32,682	59,597	8570	113,401
04345	MOYNO SLUDGE PUMP FOR DAFT	80	80203	2009	92,279	92,279	32,682	59,597	8570	113,401
04346	MOYNO SLUDGE PUMP-PRIMARY CLARIFIER	80	80111	2009	89,635	89,635	31,746	57,889	8570	110,152
04347	MOYNO SLUDGE PUMP - PRIMARY CLARIFIER	80	80112	2009	89,634	89,634	31,746	57,889	8570	110,152
04348	MOYNO SLUDGE PUMP - PRIMARY CLARIFIER	80	80115	2009	90,917	90,917	32,200	58,717	8570	111,728
04349	MOYNO SLUDGE PUMP - PRIMARY CLARIFIER	80	80115	2009	90,917	90,917	32,200	58,717	8570	111,728
04350	SCREW PRESS BUILDING	80	80118	2008	3,829,686	3,829,686	757,959	3,071,728	8310	4,853,554
04351	BIOSOLIDS DEWATERING SCREW PRESS	80	80118	2008	781,352	781,352	412,380	368,972	8310	990,247
04352	BIOSOLIDS DEWATERING SCREW PRESS	80	80118	2008	781,352	781,352	412,380	368,972	8310	990,247
04353	POLYMER BLEND UNIT FOR SCREW PRESS	80	80118	2008	12,741	12,741	12,741	0	8310	16,148
04354	POLYMER BLEND UNIT FOR SCREW PRESS	80	80118	2008	12,741	12,741	12,741	0	8310	16,148
04355	POLYMER BLEND UNIT FOR SCREW PRESS	80	80118	2008	12,741	12,741	12,741	0	8310	16,148
04358	SLUDGE METERING PUMP FOR SCREW PRESS	80	80118	2008	13,659	13,659	13,659	0	8310	17,311
04359	SLUDGE FEEDING PUMP FOR SCREW PRESS	80	80118	2008	24,357	24,357	19,282	5,074	8310	30,868
04360	SLUDGE FEEDING PUMP FOR SCREW PRESS	80	80118	2008	24,357	24,357	19,282	5,074	8310	30,868
04361	POLYMER TANK FOR SCREW PRESS	80	80118	2008	50,458	50,458	26,631	23,827	8310	63,948
04362	POLYMER STORAGE MIXER FOR SCREW	80	80118	2008	30,000	30,000	23,750	6,250	8310	38,021
04363	SCADA PROGRAMMING - FOR SCREW PRESS	80	80118	2008	48,983	48,983	48,983	0	8310	62,078
04365	DIMMINUTOR OPEN CHANNEL GRINDER	24	2401	2009	136,063	137,563	66,418	71,145	8570	169,052
04366	48" CHANNEL MONSTER GRINDER	1	101	2009	136,063	136,063	64,252	71,811	8570	167,208
04370	SPEED VAP III EVAPORATOR SYSTEM	80	80012	2009	8,541	8,541	5,765	2,776	8570	10,496
04371	49 CU FT REFRIGERATOR	80	80012	2009	5,691	5,691	3,889	1,802	8570	6,994
04372	6" DIESEL TRASH PUMP	888	80990	2009	32,351	32,351	10,919	21,433	8570	39,756
04373	2009 8,000LB FORKLIFT	80	80990	2009	35,365	35,365	11,788	23,577	8570	43,460
04374	IRONWORKER HYDRAULIC WORKSTATION	80	80020	2010	14,079	14,079	5,944	8,134	8799	16,851
04375	CL2 1 TON CYLINDER TRAINING UNIT W/	80	80990	2009	2,812	2,812	984	1,828	8570	3,456
04376	PORTA COUNT RESPIRATOR FIT TEST SYSTEM	80	80010	2009	13,561	13,561	6,328	7,232	8570	16,665
04377	2010 E-Z-GO ELECTRIC CART (VEH#1492)	80	80990	2010	6,229	6,229	3,997	2,232	8799	7,455
04378	2010 E-Z-GO ELECTRIC CART (VEH#1493)	80	80990	2010	6,229	6,229	3,997	2,232	8799	7,455
04379	2010 E-Z-GO ELECTRIC CART (VEH#1494)	80	80990	2010	6,229	6,229	3,997	2,232	8799	7,455
04380	2010 E-Z-GO ELECTRIC CART (VEH#1495)	80	80090	2010	6,229	6,229	3,997	2,232	8799	7,455
04381	SAMPLE MASTER SOFTWARE	80	80012	2010	27,562	27,562	27,562	0	8799	32,990
04382	2010 TOYOTA CAMRY SEDAN (VEH#1496)	80	80990	2010	22,736	22,736	22,736	0	8799	27,213
04383	DELL STORAGE AREA NETWORK	90	9001	2010	30,025	30,025	19,516	10,509	8799	35,938
04384	DELL STORAGE AREA NETWORK	90	9001	2010	31,304	31,304	20,347	10,956	8799	37,468
04385	AUTOCAD 2010 STANDALONE LICENSE	80	80011	2010	3,460	3,460	3,460	0	8799	4,141
04386	AUTOCAD 2010 STANDALONE LICENSE	80	80011	2010	3,460	3,460	3,460	0	8799	4,141
04388	VERTICAL TURBINE PUMP	80	80060	2010	33,253	33,253	14,040	19,213	8799	39,801
04389	VERTICAL PUMP TOOLING	80	80060	2010	22,350	22,350	22,350	0	8799	26,752
04390	WET WELL SUPPLY FAN	1	101	2009	3,548	3,548	1,616	1,932	8570	4,360

Table A
MRWPCA Capacity Charge Update
Wastewater Fixed Asset Cost Basis

Excludes Water Reclamation Assets

Engineering News-Record Construction Cost Index (20-Cities Avg), January 2017	10531.68

Asset #	Description	Location 1	Location 2	Acquisition Year	Original Cost	Original Cost (w/ Adjustments)	Accumulated Depreciation	Depreciated Cost Basis	ENR-CCI for Acquisition Year	ENR-Adjusted Original Cost (w/ Adjustments)
04391	FIBERGLASS CENTRIFUGAL FAN	80	80100	2009	8,739	8,739	2,877	5,862	8570	10,739
04396	REFRIGERATED SAMPLER	80	80060	2010	5,460	5,460	3,503	1,956	8799	6,535
04397	VARIABLE FREQUENCY DRIVE (2 OF 8)	27	2701	2010	28,506	28,506	28,506	0	8799	34,120
04398	DUCTLESS FUME HOOL	80	80012	2010	9,083	9,083	2,271	6,812	8799	10,871
04399	BOILER TUBE CLEANING SYSTEM	80	80040	2010	6,162	6,162	3,954	2,208	8799	7,375
04401	SUBMERSIBLE PUMP	80	80315	2010	3,011	3,011	3,011	0	8799	3,604
04402	SUBMERSIBLE PUMP	80	80315	2010	3,011	3,011	3,011	0	8799	3,604
04403	SCREW PRESS LEVEL TRANSMITTER	80	80118	2010	3,651	3,651	2,251	1,399	8799	4,369
04404	FIBERGLASS DOOR	23	2301	2010	3,310	3,310	1,007	2,303	8799	3,962
04406	SEASIDE PUMP STATION GENERATOR	23	2301	2010	22,868	22,868	6,956	15,912	8799	27,371
04407	SUBMERSIBLE PUMP	80	80290	2010	14,915	14,915	6,049	8,866	8799	17,851
04408	25 HP SUBMERSIBLE COOLING WATER PUMP	80	80121	2010	5,442	5,442	3,310	2,131	8799	6,513
04409	RTP SCADA COMMUNICATIONS UPGRADE	80	80011	2009	13,684	13,684	10,035	3,649	8570	16,816
04411	WET WELL TROLLEY SYSTEM-SEASIDE PS	23	2301	2010	85,862	85,862	26,116	59,746	8799	102,770
04412	WET WELL TROLLEY SYSTEM-SALINAS PS	27	2701	2010	91,229	91,229	27,749	63,480	8799	109,193
04413	WET WELL TROLLEY SYSTEM-FORT ORD PS	24	2401	2010	91,229	91,229	27,749	63,480	8799	109,193
04414	HEADWORKS FERRIC TANK SYSTEM	80	80100	2009	223,529	223,529	100,588	122,941	8570	274,695
04415	HEADWORKS FERRIC TANK SYS METERING	80	80100	2009	48,726	48,726	21,927	26,799	8570	59,879
04416	HEADWORKS POLYMER TANK SYSTEM	80	80100	2009	247,891	247,891	111,551	136,340	8570	304,634
04417	HEADWORKS POLYMER TANK SYS METERING	80	80100	2009	56,644	56,644	25,490	31,154	8570	69,609
04418	HEADWORKS POLYMER TANK SYS MIXING	80	80100	2009	32,281	32,281	14,526	17,754	8570	39,670
04419	500 HP VARIABLE FREQUENCY DRIVE (1 OF 8)	27	2701	2009	30,450	30,450	20,046	10,404	8570	37,420
04420	SPIRAL HEAT EXCHANGER FOR DIGESTER	80	80070	2011	45,448	45,448	11,551	33,896	9070	52,772
04421	SPIRAL HEAT EXCHANGER FOR DIGESTER	80	80070	2011	45,448	45,448	11,551	33,896	9070	52,772
04422	SPIRAL HEAT EXCHANGER FOR DIGESTER	80	80070	2011	45,448	45,448	11,551	33,896	9070	52,772
04423	SPIRAL HEAT EXCHANGER FOR DIGESTER	80	80070	2011	45,448	45,448	11,551	33,896	9070	52,772
04424	DIGESTER HOT WATER PIPE LOOP (PIPING)	80	80070	2011	391,793	391,793	66,387	325,406	9070	454,932
04425	LAB HVAC UPGRADE - 1 OF 3	80	80012	2011	10,238	10,238	3,697	6,541	9070	11,888
04426	LAB HVAC UPGRADE - 2 OF 3	80	80012	2011	10,238	10,238	3,697	6,541	9070	11,888
04427	LAB HVAC UPGRADE 3 OF 3	80	80012	2011	10,238	10,238	3,697	6,541	9070	11,888
04428	GRAVITY THICKNENER CONCRETE COATING	80	80202	2011	91,770	91,770	49,709	42,061	9070	106,560
04429	SCUM DEWATERING CONCENTRATOR	80	80116	2011	124,279	124,279	32,623	91,656	9070	144,307
04430	PRIMARY CLARIFIER DOME HATCH	80	80111	2010	26,750	26,750	8,025	18,725	8799	32,018
04431	VACUUM PUMP SYSTEM	80	80010	2011	7,629	7,629	2,712	4,916	9070	8,858
04432	CHECK REMITTANCE PROCESSOR	90	9001	2011	18,980	18,980	10,439	8,541	9070	22,039
04433	CHECK REMITTANCE PROCESSOR	90	9001	2011	18,980	18,980	10,439	8,541	9070	22,039
04434	RPS REMITTANCE PROCESSING SYSTEM	90	9001	2011	18,800	18,800	10,340	8,460	9070	21,830
04435	2010 MICROSOFT OFFICE SOFTWARE	90	9001	2010	25,137	25,137	25,137	0	8799	30,087
04436	500 HP VFD (3 OF 8)	27	2701	2010	29,028	29,028	11,127	17,901	8799	34,744
04437	500 HP VFD (4 OF 8)	27	2701	2010	29,028	29,028	11,127	17,901	8799	34,744
04438	COOLING WATER PUMP - COGEN	80	80040	2010	6,944	6,944	2,739	4,205	8799	8,312
04439	ENGINE TEMPERATURE SCANNER - COGEN	80	80040	2011	6,247	12,577	12,577	0	9070	14,604
04440	ENGINE TEMPERATURE SCANNER - COGEN (2	80	80040	2011	6,247	12,577	12,577	0	9070	14,604
04441	ENGINE TEMPERATURE SCANNER - COGEN (3	80	80040	2011	6,247	12,577	12,577	0	9070	14,604
04442	DELL SERVER	90	9001	2010	6,655	6,655	6,655	0	8799	7,965
04443	VIRTUAL SOFTWARE	90	9001	2010	3,437	3,437	3,437	0	8799	4,114
04444	RECONDITIONED CIRCUIT BREAKER - COGEN	80	80040	2010	6,368	6,368	3,715	2,654	8799	7,623
04445	TRICKLING FILTER ELECTROMAGNETIC FLOW	80	80060	2011	7,054	7,054	2,391	4,664	9070	8,191
04446	TRICKLING FILTER ELECTROMAGNETIC FLOW	80	80060	2011	7,054	7,054	2,391	4,664	9070	8,191
04447	TRICKLING FILTER ELECTROMAGNETIC FLOW	80	80060	2011	7,054	7,054	2,391	4,664	9070	8,191
04448	TRICKLING FILTER ELECTROMAGNETIC FLOW	80	80060	2011	7,054	7,054	2,391	4,664	9070	8,191
04449	DOSTRON CAR WASH SYSTEM	80	80330	2010	3,707	3,707	1,421	2,286	8799	4,437
04451	2.5 TON GAS/ELECTRIC ROOF TOP HVAC	80	80011	2010	8,245	8,245	3,298	4,947	8799	9,869
04452	DIGITAL ULTRASONIC INSPECTION SYSTEM	80	80990	2010	5,984	5,984	1,696	4,289	8799	7,163
04453	POWER QUALITY METER/RECORDER	80	80990	2010	9,306	9,306	2,753	6,553	8799	11,139
04454	SAMPLE SCHEDULING SOFTWARE	80	80010	2010	8,030	27,460	27,460	0	8799	32,867
04455	REFRIGERATED SAMPLER (1 OF 6)	80	80110	2010	5,489	5,489	3,202	2,287	8799	6,569
04456	REFRIGERATED SAMPLER (2 OF 6)	80	80060	2010	5,489	5,489	3,202	2,287	8799	6,569
04457	REFRIGERATED SAMPLER (3 OF 6)	80	80201	2010	5,489	5,489	3,202	2,287	8799	6,569
04458	REFRIGERATED SAMPLER (4 OF 6)	80	80202	2010	5,489	5,489	3,202	2,287	8799	6,569
04459	REFRIGERATED SAMPLER (5 OF 6)	80	80140	2010	5,489	5,489	3,202	2,287	8799	6,569
04460	REFRIGERATED SAMPLER (6 OF 6)	80	80140	2010	5,489	5,489	3,202	2,287	8799	6,569
04461	2011 FORD F-350 PICK UP TRUCK (VEH#1497)	80	80990	2010	27,717	27,717	16,630	11,087	8799	33,175
04462	2011 FORD F-350 PICK UP TRUCK (VEH#	80	80990	2010	27,717	27,717	16,630	11,087	8799	33,175
04463	TRAILER CONFINED SPACE (VEH# 1499)	80	80990	2010	4,658	4,658	1,760	2,898	8799	5,576
04464	2011 FORD F-150 PICK UP TRUCK (VEH#	80	80990	2011	22,696	22,696	11,915	10,780	9070	26,353
04465	E-Z-GO UTILITY CART - HUNTER GREEN (VEH#	80	80990	2011	8,102	8,102	2,836	5,266	9070	9,407
04466	FERRIC CHLORIDE METERING PUMP -	1	101	2010	3,323	3,323	2,848	475	8799	3,977
04467	FERRIC METERING PUMP - MONTEREY PUMP	1	101	2010	3,443	3,443	2,951	492	8799	4,121
04468	FERRIC METERING PUMP - SALINAS PUMP	27	2701	2010	3,443	3,443	2,951	492	8799	4,121
04469	VARIABLE FREQUENCY DRIVE - REESIDE	7	704	2010	3,138	3,138	1,857	1,281	8799	3,756
04470	SLUDGE METERING PUMP - SCREW PRESS (4	80	80118	2010	15,063	15,063	15,063	0	8799	18,029
04471	HOT WATER CIRCULATING PUMP	80	80040	2010	2,647	2,647	985	1,662	8799	3,168
04472	FUELING STATION CONTROL BOX	80	80340	2010	3,920	3,920	1,459	2,461	8799	4,692
04475	SLUDGE METERING PUMP - SCREW PRESS (5	80	80118	2011	15,815	15,815	15,815	0	9070	18,364
04477	HEAVY DUTY BINDING MACHINE PUNCH	90	9001	2010	3,117	3,117	1,818	1,299	8799	3,730
04490	RTP ENTRANCE GATE OPERATOR	80	80011	2012	5,000	5,000	1,389	3,611	9308	5,657
04491	RTP EXIT GATE OPERATOR	80	80011	2012	5,000	5,000	1,389	3,611	9308	5,657
04492	SEWAGE PUMP MOTOR - SPARE	25	2501	2011	72,334	72,334	22,504	49,830	9070	83,991
04493	BLUE WHITE CHEMICAL METERING PUMP	80	80121	2012	6,666	6,666	2,722	3,944	9308	7,542
04494	BLUE WHITE CHEMICAL METERING PUMP	80	80121	2012	6,666	6,666	2,722	3,944	9308	7,542

Table A
MRWPCA Capacity Charge Update
Wastewater Fixed Asset Cost Basis

Excludes Water Reclamation Assets

Engineering News-Record Construction Cost Index (20-Cities Avg), January 2017 10531.68

Asset #	Description	Location 1	Location 2	Acquisition Year	Original Cost	Original Cost (w/ Adjustments)	Accumulated Depreciation	Depreciated Cost Basis	ENR-CCI for Acquisition Year	ENR-Adjusted Original Cost (w/ Adjustments)
04495	SALINAS PUMP STATION VFD (1 OF 4)	27	2701	2011	32,313	32,313	10,232	22,080	9070	37,520
04496	SALINAS PUMP STATION VFD (2 OF 4)	27	2701	2011	32,313	32,313	10,232	22,080	9070	37,520
04497	4" WASTEWATER MAGNETIC FLOW METER	26	2601	2012	3,717	3,717	1,094	2,622	9308	4,205
04498	HOT WATER SYSTEM PUMP MOTOR	80	80040	2012	4,359	4,359	1,283	3,076	9308	4,932
04499	HOT WATER LOOP PUMP MOTOR (DIGESTER	80	80040	2012	4,359	4,359	1,283	3,076	9308	4,932
04500	25HP HIGH TEMP MOTOR FOR COOLING	80	80121	2012	4,607	4,607	2,742	1,865	9308	5,213
04501	AIR COMPRESSOR BARE PUMP	80	80200	2012	2,858	2,858	810	2,049	9308	3,234
04502	6" PORTABLE DRY PRIME DIESEL PUMP	80	80990	2011	33,870	33,870	8,326	25,543	9070	39,328
04503	DIGITAL LOW RESISTANCE OHMMETER - 10	80	80990	2011	4,650	4,650	1,524	3,126	9070	5,399
04504	LAB WATER FILTRATION SYSTEM	80	80012	2011	21,359	21,359	4,984	16,375	9070	24,801
04505	ION CHROMATOGRAPH	80	80012	2011	84,409	84,409	20,047	64,362	9070	98,011
04506	TURBIWELL TURBIDITY METER	80	80990	2012	5,412	5,412	2,300	3,112	9308	6,123
04507	2011 FORD F-150 PICK UP TRUCK (VEH#	80	80990	2011	23,034	23,034	16,179	6,855	9070	26,746
04508	2012 FORD F-350 TRUCK W/ CRANE	80	80990	2011	38,155	38,155	18,124	20,032	9070	44,304
04509	RTP SERVER ROOM AIR CONDITIONER	80	80011	2012	6,217	6,217	2,821	3,396	9308	7,034
04511	SUBMERSIBLE DIMMINUTOR OPEN CHANNEL	27	2701	2012	126,324	128,024	38,366	89,658	9308	144,855
04512	CIRCUIT BREAKER - SALINAS PS GENERATOR	27	2701	2011	18,111	18,111	5,534	12,577	9070	21,030
04513	PORTABLE ROTARY SCREW AIR COMPRESSOR	80	80990	2011	14,951	14,951	4,901	10,051	9070	17,361
04515	20' X 4.5' ROUND BOTTOM DROP BOX	80	80990	2012	7,677	7,677	4,661	3,016	9308	8,686
04516	20' X 4.5' ROUND BOTTOM DROP BOX	80	80990	2012	7,677	7,677	4,661	3,016	9308	8,686
04517	SAND BLASTING POT	80	80990	2012	3,127	3,127	677	2,449	9308	3,538
04518	TRICKLING FILTER 14" PROMAG FLOW	80	80060	2012	6,229	6,229	2,543	3,685	9308	7,047
04519	TRICKLING FILTER 14" PROMAG FLOW	80	80060	2012	6,229	6,229	2,543	3,685	9308	7,047
04520	TRICKLING FILTER 14" PROMAG FLOW	80	80060	2012	6,229	6,229	2,543	3,685	9308	7,047
04521	TRICKLING FILTER 14" PROMAG FLOW	80	80060	2012	6,229	6,229	2,543	3,685	9308	7,047
04522	TRICKLING FILTER 14" PROMAG FLOW	80	80060	2012	6,229	6,229	2,543	3,685	9308	7,047
04523	SELF RETRACTING LIFE LINE	80	80990	2012	3,857	3,857	0	3,857	9308	4,364
04524	SELF RETRACTING LIFE LINE	80	80990	2012	3,857	3,857	0	3,857	9308	4,364
04539	SEASIDE PUMP STATION CONRETE REHAB-	23	2301	2012	121,934	121,934	16,597	105,338	9308	137,964
04540	FORT ORD PUMP STATION CONCRETE REHAB	24	2401	2012	93,244	93,244	12,692	80,552	9308	105,502
04541	MONTEREY PUMP STATION CONCRETE	1	101	2012	107,589	107,589	14,644	92,945	9308	121,733
04542	SALINAS PUMP STATION CONCRETE REHAB-	27	2701	2012	64,553	64,553	8,786	55,767	9308	73,040
04543	GRATING @ BAR SCREEN AREA	80	80100	2012	30,903	30,903	6,438	24,465	9308	34,966
04544	GRATING @ RECYCLE SUMP 2	80	80192	2012	4,315	4,315	719	3,596	9308	4,883
04545	BACTERIOLOGICAL ROOM REMODEL - LAB	80	80012	2011	5,589	5,589	1,281	4,308	9070	6,490
04546	BACTERIOLOGICAL ROOM	80	80012	2011	11,540	11,540	2,645	8,895	9070	13,400
04547	LAB SAMPLE PREP ROOM REMODEL	80	80012	2011	8,383	8,383	1,921	6,462	9070	9,734
04548	LAB SAMPLE PREP ROOM	80	80012	2011	17,310	17,310	3,967	13,343	9070	20,100
04549	MONTEREY PUMP STATION WETWELL STAIR	1	101	2012	70,376	70,376	7,184	63,192	9308	79,629
04550	MONTEREY PUMP STATION WET WELL	1	101	2012	17,859	17,859	3,646	14,213	9308	20,207
04551	MONTEREY PUMP STATION WET WELL	1	101	2012	7,396	7,396	1,510	5,886	9308	8,368
04552	SALINAS PUMP STATION INLET REHAB	27	2701	2012	58,000	58,000	6,404	51,596	9308	65,625
04553	SCREW PRESS SAMPLING & MONITORING	80	80118	2012	42,501	42,501	4,339	38,163	9308	48,089
04554	CORAL PUMP STATION ELECTRICAL RE-	15	1501	2012	180,805	180,805	36,914	143,891	9308	204,574
04555	AIR RELIEF VALVE FOR RECYCLE SUMP	80	80192	2011	3,812	3,812	1,186	2,626	9070	4,427
04556	FLYGT SUBMERSIBLE PUMP & BASE - SUMP	80	80191	2012	18,501	18,501	8,171	10,329	9308	20,933
04557	FLYGT SUBMERSIBLE PUMP & BASE - SUMP	80	80191	2012	18,501	18,501	8,171	10,329	9308	20,933
04558	FLYGT SUBMERSIBLE PUMP & BASE - SUMP	80	80192	2012	18,359	18,359	8,109	10,251	9308	20,773
04559	FLYGT SUBMERSIBLE PUMP & BASE - SUMP	80	80192	2012	18,359	18,359	8,109	10,251	9308	20,773
04560	LAB UNDER COUNTER STEAM SCRUBBER	80	80012	2011	5,619	5,619	5,619	0	9070	6,524
04561	SCREW PRESS SAMPLING/MONITORING	80	80118	2011	2,586	2,586	2,586	0	9070	3,003
04562	REFRIGERATED SAMPLER	80	80118	2011	5,631	5,631	1,721	3,911	9070	6,539
04563	ADMIN PHONE SYSTEM	90	9001	2012	40,262	40,262	32,881	7,381	9308	45,555
04564	RTP PHONE SYSTEM	80	80990	2012	40,262	118,310	92,662	25,648	9308	133,864
04565	SEASIDE PS INFLUENT CHANNEL SLUICE GATE	23	2301	2012	68,140	68,140	9,275	58,865	9308	77,098
04566	SEASIDE PS INFLUENT CHANNEL SLUICE GATE	23	2301	2012	68,140	68,140	9,275	58,865	9308	77,098
04567	MONTEREY PS INFLUENT CHANNEL SLUICE	1	101	2012	98,265	98,265	13,375	84,890	9308	111,183
04568	FORT ORD PUMP STATION INFLUENT SLUICE	24	2401	2012	95,396	95,396	12,984	82,411	9308	107,937
04569	FOUNTAIN PUMP STATION DIESEL	13	1301	2012	119,994	119,994	48,998	70,997	9308	135,770
04570	HEADWORKS BAR SCREEN	80	80100	2012	459,794	459,794	95,790	364,003	9308	520,241
04571	HEADWORKS BAR SCREEN	80	80100	2012	459,794	459,794	95,790	364,003	9308	520,241
04572	CONVEYOR	80	80100	2012	94,242	94,242	19,634	74,608	9308	106,631
04573	BAR SCREEN SLUICE GATE	80	80100	2012	32,852	32,852	4,563	28,290	9308	37,171
04574	BAR SCREEN SLUICE GATE	80	80100	2012	32,852	32,852	4,563	28,290	9308	37,171
04575	BAR SCREEN SLUICE GATE	80	80100	2012	32,852	32,852	4,563	28,290	9308	37,171
04576	BAR SCREEN SLUICE GATE	80	80100	2012	32,852	32,852	4,563	28,290	9308	37,171
04577	INLET GRIT CHAMBER GATE (1 OF 2)	80	80100	2012	53,872	53,872	7,482	46,390	9308	60,955
04578	INLET GRIT CHAMBER GATE (2 OF 2)	80	80100	2012	53,872	53,872	7,482	46,390	9308	60,955
04579	OUTLET GRIT CHAMBER GATE (1 OF 2)	80	80100	2012	51,923	51,923	7,212	44,712	9308	58,750
04580	OUTLET GRIT CHAMBER GATE (2 OF 2)	80	80100	2012	51,923	51,923	7,212	44,712	9308	58,750
04581	CLASS A WATER SYSTEM TANK	80	80040	2011	31,855	31,855	15,131	16,724	9070	36,989
04582	CLASS B WATER SYSTEM TANK	80	80040	2011	31,855	31,855	15,131	16,724	9070	36,989
04583	CLASS A & B WATER SYSTEM CONTROL	80	80040	2011	225,328	225,328	107,031	118,297	9070	261,640
04584	CLASS B WATER PUMP (1 OF 2)	80	80040	2011	4,685	4,685	2,225	2,459	9070	5,440
04585	CLASS B WATER PUMP (2 OF 2)	80	80040	2011	4,685	4,685	2,225	2,459	9070	5,440
04586	CLASS A & B WATER SYSTEM PIPING	80	80040	2011	116,177	116,177	13,796	102,381	9070	134,900
04587	CLASS A WATER SYSTER VFD (1 OF 2)	80	80040	2011	10,072	10,072	4,784	5,288	9070	11,695
04588	CLASS A WATER SYSTEM VFD (2 OF 2)	80	80040	2011	10,072	10,072	4,784	5,288	9070	11,695
04589	CLASS B WATER SYSTEM VFD (1 OF 2)	80	80040	2011	10,072	10,072	4,784	5,288	9070	11,695
04590	CLASS B WATER SYSTEM VFD (2 OF 2)	80	80040	2011	10,072	10,072	4,784	5,288	9070	11,695
04591	CLASS A WATER FLOW METER	80	80040	2011	6,705	6,705	3,185	3,520	9070	7,786

Table A
MRWPCA Capacity Charge Update
Wastewater Fixed Asset Cost Basis

Excludes Water Reclamation Assets

Engineering News-Record Construction Cost Index (20-Cities Avg), January 2017 | 10531.68

Asset #	Description	Location 1	Location 2	Acquisition Year	Original Cost	Original Cost (w/ Adjustments)	Accumulated Depreciation	Depreciated Cost Basis	ENR-CCI for Acquisition Year	ENR-Adjusted Original Cost (w/ Adjustments)
04592	CLASS B WATER FLOW METER	80	80040	2011	6,705	6,705	3,185	3,520	9070	7,786
04593	ODOR CONTROL (SCRUBBER) SYSTEM -	7	704	2013	237,065	237,065	75,071	161,994	9547	261,516
04594	HEADWORKS WET SCRUBBER (1 OF 2)	80	80100	2013	139,105	139,105	42,891	96,214	9547	153,453
04595	HEADWORKS WET SCRUBBER (2 OF 2)	80	80100	2013	139,105	139,105	42,891	96,214	9547	153,453
04596	DIGESTER BUILDING PUMP BASE	80	80070	2012	8,898	8,898	853	8,045	9308	10,068
04597	DIGESTER BUILDING PUMP BASE	80	80070	2012	8,898	8,898	853	8,045	9308	10,068
04598	DIGESTER BUILDING PUMP BASE	80	80070	2012	8,898	8,898	853	8,045	9308	10,068
04599	DIGESTER BUILDING PUMP BASE	80	80070	2012	8,898	8,898	853	8,045	9308	10,068
04600	GRATING @ NORTH HEADWORKS	80	80100	2012	62,501	62,501	7,031	55,470	9308	70,718
04601	REESIDE PUMP STATION ELECTRICAL	7	704	2013	363,310	363,310	28,005	335,305	9547	400,782
04602	REESIDE PUMP STATION LOUVER W/	7	704	2013	8,942	8,942	689	8,253	9547	9,864
04603	TRICKLING FILTER ELECTRICAL BUILDING	80	80061	2012	14,317	14,317	1,372	12,945	9308	16,199
04604	RTP NEW ADMIN BUILDING ROOFING	80	80011	2012	32,966	32,966	3,091	29,876	9308	37,300
04605	CHEMICAL BUILDING ROOF	80	80050	2012	68,009	68,009	6,518	61,492	9308	76,950
04606	CASTROVILLE PS DIESEL STAND-BY	25	2501	2012	128,550	128,550	46,064	82,487	9308	145,450
04607	LAB REFRIGERATED INCUBATOR	80	80012	2012	3,661	3,661	1,434	2,227	9308	4,142
04608	LAB BOD INCUBATOR (CONVECTION OVEN)	80	80012	2012	3,300	3,300	1,238	2,063	9308	3,734
04609	SOURCE CONTROL PORTABLE WASTEWATER	80	888	2012	3,202	3,202	2,561	640	9308	3,623
04610	SOURCE CONTROL PORTABLE WASTEWATER	80	888	2012	3,202	3,202	2,561	640	9308	3,623
04611	FALL PROTECTION (THICKENERS & PRIMARY	80	888	2012	3,245	3,245	1,217	2,028	9308	3,672
04612	FALL PROTECTION FOR DIGESTERS	80	80072	2012	4,584	4,584	1,719	2,865	9308	5,187
04613	CASTROVILLE PUMP STATION SUBMERSIBLE	25	2501	2012	51,600	51,600	19,780	31,820	9308	58,383
04614	SEASIDE PUMP STATION METAL DOUBLE	23	2301	2013	12,374	12,374	1,306	11,068	9547	13,650
04615	SEASIDE PUMP STATION METAL DOUBLE	23	2301	2013	12,374	12,374	1,306	11,068	9547	13,650
04616	SEASIDE PUMP STATION SINGLE METAL	23	2301	2013	8,249	8,249	871	7,378	9547	9,100
04617	SEASIDE PUMP STATION SINGLE METAL	23	2301	2013	8,249	8,249	0	8,249	9547	9,100
04618	SEASIDE PUMP STATION SINGLE METAL	23	2301	2013	8,249	8,249	871	7,378	9547	9,100
04619	LABEL & SIGN PRINTER	80	80020	2012	4,010	4,010	1,604	2,406	9308	4,537
04620	SCREW PRESS SLUDGE METERING PUMP	80	80118	2012	16,459	16,459	6,309	10,150	9308	18,622
04621	BROWN BEAR SLUDGE AUGER	80	80221	2012	450,523	450,523	112,631	337,892	9308	509,752
04622	20' X 4.5' ROUND BOTTOM DROP BOX	80	80990	2012	7,930	7,930	3,040	4,890	9308	8,973
04623	20' X 4.5 ROUND BOTTOM DROP BOX	80	80990	2012	7,930	7,930	3,040	4,890	9308	8,973
04624	3HP FLYGT PUMP FOR SNAIL REMOVAL	80	80089	2012	5,341	5,341	1,958	3,383	9308	6,043
04625	COGEN HEAT EXCHANGER -DIGESTER GAS	80	80040	2012	10,079	10,079	3,780	6,299	9308	11,404
04626	COGEN HEAT EXCHANGER-DIGESTER GAS	80	80040	2012	12,560	12,560	4,710	7,850	9308	14,212
04627	COGEN HEAT EXCHANGER-DIGESTER GAS	80	80040	2012	10,079	10,079	3,780	6,299	9308	11,404
04628	COGEN HEAT EXCHANGER-DIGESTER GAS	80	80040	2012	12,560	12,560	4,710	7,850	9308	14,212
04629	TELECONFERENCING UNIT	90	9001	2012	3,232	3,232	1,185	2,047	9308	3,657
04630	RACKMOUNT DOUBLE CONVERSION UPS	80	80010	2012	4,049	4,049	2,418	1,631	9308	4,581
04631	SUBMERSIBLE PUMP FOR RECYCLE SUMP #2	80	80192	2013	8,631	8,631	2,949	5,682	9547	9,521
04632	AIR CONDITIONER, ADMIN SERVER ROOM	90	9001	2013	8,613	8,613	2,727	5,885	9547	9,501
04633	HVAC, RTP LUNCH ROOM	80	80015	2013	10,404	10,404	845	9,559	9547	11,477
04634	PORTABLE ENGINE DRIVEN BOBCAT WELDER	80	888	2013	4,051	4,051	1,317	2,735	9547	4,469
04635	2012 FORD F-250 PICK UP TRUCK (VEH#1513)	80	80990	2013	30,006	30,006	19,504	10,502	9547	33,101
04636	SALINAS PUMP STATION VFD (3 OF 4)	27	2701	2012	33,513	33,513	8,564	24,948	9308	37,918
04637	SALINAS PUMP STATION VFD (4 OF 4)	27	2701	2012	33,513	33,513	8,564	24,948	9308	37,918
04654	TRANSACTION MANAGER SOFTWARE	80	80119	2014	4,515	4,515	941	3,574	9806	4,849
04655	DELL SERVER	80	80010	2013	13,024	13,024	11,938	1,085	9547	14,367
04656	DELL SERVER	80	80010	2013	13,024	13,024	11,938	1,085	9547	14,367
04657	DELL 14.4 TB HARD DRIVE	80	80010	2014	49,505	49,505	9,626	39,879	9806	53,169
04658	DIMMINUTOR OPEN CHANNEL GRINDER	15	1501	2013	50,698	50,698	9,576	41,122	9547	55,927
04659	DIMMINUTOR OPEN CHANNEL GRINDER	13	1301	2013	50,698	50,698	9,576	41,122	9547	55,927
04660	DIMMINUTOR OPEN CHANNEL GRINDER	23	2301	2013	50,276	50,276	9,497	40,779	9547	55,461
04661	PORTABLE REVERSIBLE VALVE TURNER	80	80990	2013	6,662	6,662	2,359	4,302	9547	7,349
04662	ALARM SYSTEM	27	2701	2013	2,357	2,357	707	1,650	9547	2,600
04663	ALARM SYSTEM	23	2301	2013	2,357	2,357	707	1,650	9547	2,600
04664	ALARM SYSTEM	24	2401	2013	2,357	2,357	707	1,650	9547	2,600
04665	ALARM SYSTEM	25	2501	2013	2,357	2,357	707	1,650	9547	2,600
04666	ALARM SYSTEM	13	1301	2013	2,357	2,357	2,357	0	9547	2,600
04667	ALARM SYSTEM	30	3001	2013	2,357	2,357	707	1,650	9547	2,600
04668	ALARM SYSTEM	26	2601	2013	2,357	2,357	2,357	0	9547	2,600
04669	ALARM SYSTEM	15	1501	2013	2,357	2,357	707	1,650	9547	2,600
04670	E-Z-GO ELECTRIC CART (VEH#1516)	80	80990	2013	6,301	6,301	3,570	2,730	9547	6,951
04671	E-Z-GO ELECTRI CART (VEH# 1515)	80	80990	2013	6,301	6,301	3,570	2,730	9547	6,951
04672	2013 TOYOTA CAMRY HYBRID (VEH# 1514)	80	80990	2013	26,948	26,948	16,169	10,779	9547	29,728
04673	2015 FORD F-250 4X4 (VEH#1517)	80	80990	2014	33,135	33,135	13,806	19,329	9806	35,587
04674	FLYGT SUMBMERSIBLE PUMP	80	80150	2013	8,826	8,826	2,648	6,179	9547	9,737
04675	SCADA SERVER WORK STATION (COMPUTER)	80	80009	2013	2,825	2,825	1,601	1,224	9547	3,117
04676	RTP OUTDOOR SECURITY CAMERA W/ 27"	80	80040	2013	3,884	3,884	2,201	1,683	9547	4,285
04677	SCREW PRESS #1 PROMAG FLOW METER (7	80	80118	2013	4,262	4,262	2,415	1,847	9547	4,702
04678	VIDEO CONFERENCING EQUIPMENT	80	80011	2013	3,270	3,270	1,124	2,146	9547	3,607
04679	CLEAR SPAN COVER FOR QUONSET HUT	80	80330	2013	4,751	4,751	1,267	3,484	9547	5,241
04680	CLEAR SPAN COVER FOR QUONSET HUT	80	80330	2013	4,751	4,751	1,267	3,484	9547	5,241
04681	CIRCUIT BREAKER FOR FIRE PUMP (MAIN)	80	80041	2014	3,071	3,071	186	2,885	9806	3,298
04682	CIRCUIT BREAKER FOR MCC E3A	80	80039	2014	8,520	8,520	2,059	6,461	9806	9,150
04683	CIRCUIT BREAKER FOR MCC E3B	80	80039	2014	8,520	8,520	2,059	6,461	9806	9,150
04684	PORTABLE AIR COMPRESSOR/GENERATOR	80	888	2014	3,201	3,201	1,494	1,707	9806	3,438
04685	HIGH TEMP PUMP MOTOR (COOLING PUMP)	80	80121	2014	5,370	5,370	1,662	3,708	9806	5,767
04686	NETWORK ATTACHED STORAGE	90	9001	2014	4,312	4,312	1,168	3,144	9806	4,631
04687	LAB WATER PURIFICATION SYSTEM	80	80012	2014	9,096	9,096	1,971	7,125	9806	9,769
04688	HVAC UNIT (ACCOUNTING AREA)	90	9001	2014	9,242	9,242	1,284	7,958	9806	9,926

Table A
MRWPCA Capacity Charge Update
Wastewater Fixed Asset Cost Basis

Excludes Water Reclamation Assets

Engineering News-Record Construction Cost Index (20-Cities Avg), January 2017 | 10531.68

Asset #	Description	Location 1	Location 2	Acquisition Year	Original Cost	Original Cost (w/ Adjustments)	Accumulated Depreciation	Depreciated Cost Basis	ENR-CCI for Acquisition Year	ENR-Adjusted Original Cost (w/ Adjustments)
04691	SALINAS PUMP STATION ROOF	27	2701	2013	49,500	49,500	7,631	41,869	9547	54,605
04692	CHOPER PUMP - DIGESTER NO. 2	80	80212	2014	798,366	798,366	83,163	715,203	9806	857,449
04693	CHOPPER PUMP - DIGESTER NO. 3	80	80213	2014	798,366	798,366	83,163	715,203	9806	857,449
04694	DIGESTER PLUNGER PUMP	80	80072	2014	435,473	435,473	45,362	390,111	9806	467,699
04695	DIGESTER SPRAYERS - DIGESTER NO. 2	80	80212	2014	145,158	145,158	15,121	130,037	9806	155,900
04696	DIGESTER SPRAYERS - DIGESTER NO. 3	80	80213	2014	145,158	145,158	15,121	130,037	9806	155,900
04697	DIGESTER NO. 2 PIPING/ELECTRICAL	80	80071	2014	217,736	217,736	22,681	195,055	9806	233,850
04698	DIGESTER NO. 3 PIPING/ELECTRICAL	80	80213	2014	217,736	217,736	22,681	195,055	9806	233,850
04699	DIGESTER NO. 2 GAS DRIP TRAP	80	80212	2014	7,258	7,258	1,512	5,746	9806	7,795
04700	DIGESTER NO. 3 GAS DRIP TRAP	80	80213	2014	7,258	7,258	1,512	5,746	9806	7,795
04701	DIGESTER NO. 2 SEDIMENT TRAP	80	80212	2014	7,258	7,258	1,512	5,746	9806	7,795
04702	DIGESTER NO. 3 SEDIMENT TRAP	80	80213	2014	7,258	7,258	1,512	5,746	9806	7,795
04703	DIGESTER NO. 2 FLAME ARRESTOR	80	80212	2014	14,516	14,516	3,024	11,492	9806	15,590
04704	DIGESTER NO. 3 FLAME ARRESTOR	80	80213	2014	14,516	14,516	3,024	11,492	9806	15,590
04705	DIGESTER NO. 4 FLAME ARRESTOR	80	80214	2014	14,516	14,516	3,024	11,492	9806	15,590
04706	DIGESTER NO. 2 3 WAY PORT VALVE	80	80212	2014	14,516	14,516	3,024	11,492	9806	15,590
04707	DIGESTER NO.3 3 WAY PORT VALVE	80	80213	2014	14,516	14,516	3,024	11,492	9806	15,590
04708	DIGESTER NO.4 3 WAY PORT VALVE	80	80214	2014	14,516	14,516	3,024	11,492	9806	15,590
04709	DIGESTER NO.2 BACK PRESSURE CONTROL	80	80212	2014	7,258	7,258	1,512	5,746	9806	7,795
04710	DIGESTER NO.3 BACK PRESSURE CONTROL	80	80213	2014	7,258	7,258	1,512	5,746	9806	7,795
04711	DIGESTER NO.2 GAS MANOMETER	80	80212	2014	7,258	7,258	1,512	5,746	9806	7,795
04712	DIGESTER NO.3 GAS MANOMETER	80	80213	2014	7,258	7,258	1,512	5,746	9806	7,795
04713	REMOVABLE ROOF HATCH (1 OF 5)	80	80110	2014	26,338	26,338	2,744	23,594	9806	28,287
04714	REMOVABLE ROOF HATCH (2 OF 5)	80	80110	2014	26,338	26,338	2,744	23,594	9806	28,287
04715	REMOVABLE ROOF HATCH (3 OF 5)	80	80110	2014	26,338	26,338	2,744	23,594	9806	28,287
04716	REMOVABLE ROOF HATCH (4 OF 5)	80	80110	2014	26,338	26,338	2,744	23,594	9806	28,287
04717	REMOVABLE ROOF HATCH (5 OF 5)	80	80110	2014	26,338	26,338	2,744	23,594	9806	28,287
04718	PRIMARY CLARIFIERS PUMP PIT ROOF	80	80110	2014	219,480	219,480	30,483	188,996	9806	235,722
04719	RTP ALARM SYSTEM UPGRADES	80	80990	2014	125,053	125,053	29,179	95,874	9806	134,308
04720	SLUDGE THICKENER ASPIRATING PUMP #1	80	80201	2014	172,007	172,007	17,917	154,089	9806	184,736
04721	SLUDGE THICKENER ASPIRATING PUMP #2	80	80202	2014	172,007	172,007	17,917	154,089	9806	184,736
04722	SLUDGE THICKENER ASPIRATING PUMP #3	80	80203	2014	172,007	172,007	17,917	154,089	9806	184,736
04723	THROTTLING VALVE	80	80203	2014	56,871	56,871	11,848	45,023	9806	61,080
04724	COGEN BLDG. METHANE ALARM/DETECTION	80	80039	2014	30,355	30,355	6,324	24,031	9806	32,601
04725	CASTROVILLE INFLUENT MANHOLE	25	2501	2013	450,411	450,411	29,089	421,322	9547	496,866
04726	ROTARY SCREW AIR COMPRESSOR	80	80039	2014	49,394	49,394	6,860	42,534	9806	53,050
04727	ROTARY SCREW AIR COMPRESSOR	80	80039	2014	49,394	49,394	6,860	42,534	9806	53,050
04728	CYCLING REFRIGERATED AIR DRYER	80	80039	2014	16,465	16,465	3,430	13,035	9806	17,683
04729	MANCHESTER AIR RECEIVER TANK	80	80039	2014	16,465	16,465	2,287	14,178	9806	17,683
04730	RTP ADMIN BLDG HVAC SYSTEM UPGRADE	80	80010	2014	93,620	93,620	9,752	83,868	9806	100,548
04731	BIOFLOC TURBO BLOWER WITH VFD	80	80090	2014	580,311	580,311	80,599	499,713	9806	623,257
04732	BIOFLOC TURBO BLOWER WITH VFD	80	80090	2014	580,311	580,311	80,599	499,713	9806	623,257
04733	BIOFLOC FINE BUBBLE DIFFUSER	80	80251	2014	147,628	147,628	38,445	109,183	9806	158,553
04734	BIOFLOC FINE BUBBLE DIFFUSER	80	80252	2014	147,628	147,628	38,445	109,183	9806	158,553
04735	BIOFLOC FINE BUBBLE DIFFUSER	80	80253	2014	147,628	147,628	38,445	109,183	9806	158,553
04736	BIOFLOC AERATION BASIN #1 8" FLOW	80	80251	2014	12,534	12,534	5,223	7,312	9806	13,462
04737	BIOFLOC AERATION BASIN #2 8" FLOW	80	80252	2014	12,534	12,534	5,223	7,312	9806	13,462
04738	BIOFLOC AERATION BASIN #3 8" FLOW	80	80253	2014	12,534	12,534	5,223	7,312	9806	13,462
04739	16" BIOFLOC BLDG FLOW METER	80	80090	2014	20,891	20,891	4,352	16,538	9806	22,437
04740	BIOFLOC ELECTRIC VALVE ACTUATOR	80	80251	2014	17,827	17,827	3,714	14,113	9806	19,146
04741	BIOFLOC ELECTRIC VALVE ACTUATOR	80	80252	2014	17,827	17,827	3,714	14,113	9806	19,146
04742	BIOFLOC ELECTRIC VALVE ACTUATOR	80	80253	2014	17,827	17,827	3,714	14,113	9806	19,146
04743	DIGITAL DISSOLVED OXYGEN METER	80	80251	2014	4,457	4,457	3,095	1,362	9806	4,787
04744	DIGITAL DISSOLVED OXYGEN METER	80	80252	2014	4,457	4,457	3,095	1,362	9806	4,787
04745	DIGITAL DISSOLVED OXYGEN METER	80	80253	2014	4,457	4,457	3,095	1,362	9806	4,787
04746	REESIDE SUBMERSIBLE DIMMINUTOR	7	704	2014	48,478	48,478	5,925	42,553	9806	52,066
04747	CRISAFULLY BARGE REBUILD (VEH#1408)	80	80220	2014	162,412	162,412	17,144	145,269	9806	174,431
04748	PH SENSOR WITH CONTROLLER	80	80075	2014	3,492	3,492	1,339	2,154	9806	3,751
04749	PH SENSOR WITH CONTROLLER	80	80160	2014	3,492	3,492	1,339	2,154	9806	3,751
04750	7.5HP VFD FOR SCREW PRESS METERING	80	80118	2014	1,700	1,700	269	1,431	9806	1,826
04751	7.5HP VFD FOR SCREW PRESS METERING	80	80118	2014	1,700	1,700	269	1,431	9806	1,826
04752	7.5HP VFD FOR SCREW PRESS METERING	80	80118	2015	1,700	1,700	255	1,445	10035	1,785
04753	7.5HP VFD FOR SCREW PRESS FEEDING PUMP	80	80118	2015	1,700	1,700	255	1,445	10035	1,785
04754	7.5HP VFD FOR SCREW PRESS FEEDING PUMP	80	80118	2015	1,700	1,700	255	1,445	10035	1,785
04755	15HP VFD FOR SCREW PRESS (1 OF 2)	80	80071	2015	2,289	2,289	343	1,946	10035	2,403
04756	15HP VFD FOR SCREW PRESS (2 OF 2)	80	80071	2015	2,289	2,289	343	1,946	10035	2,403
04757	RSSL FLYGT SUBMERSIBLE PUMP (1 OF 4)	80	80150	2015	50,161	50,161	3,901	46,260	10035	52,644
04758	RSSL FLYGT SUBMERSIBLE PUMP (2 OF 4)	80	80150	2015	50,161	50,161	3,901	46,260	10035	52,644
04759	HIGH PERFORMANCE GRAVITY CONVECTION	80	80012	2014	4,135	4,135	655	3,481	9806	4,441
04760	HIGH PERFORMANCE GRAVITY CONVECTION	80	80012	2014	4,135	4,135	655	3,481	9806	4,441
04761	DISCHARGE FLOW METER FOR SAPS	27	2701	2014	12,979	12,979	2,596	10,383	9806	13,939
04762	REFRIGERATED SAMPLER (NPDES SPARE)	80	80100	2015	6,853	6,853	971	5,882	10035	7,192
04763	REFRIGERATED SAMPLER (PROCESS	80	80990	2015	6,283	6,283	890	5,393	10035	6,594
04764	SCREW PRESS FEED PUMP (BARE PUMP	80	80072	2015	12,041	12,041	1,806	10,235	10035	12,637
04765	2014 TOYOTA CAMRY HYBRID (VEH#1518)	90	9099	2014	29,790	29,790	11,419	18,370	9806	31,994
04766	2014 TOYOTA CAMRY HYBRID (VEH# 1519)	90	9099	2014	27,830	27,830	10,668	17,162	9806	29,890
04767	FORT ORD P.S SLIDE GATE (1 OF 2)	24	2401	2015	12,215	12,215	651	11,564	10035	12,820
04768	FORT ORD P.S SLIDE GATE (2 OF 2)	24	2401	2015	12,215	12,215	651	11,564	10035	12,820
04769	CUSTOMER SERVICE SCANNER	90	9001	2014	4,150	4,150	2,536	1,614	9806	4,457
04770	CUSTOMER SERVICE SCANNER	90	9001	2014	4,150	4,150	2,536	1,614	9806	4,457
04771	TECATOR AUTO DIGESTER 8	80	80012	2014	5,260	5,260	1,929	3,331	9806	5,649

Table A
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Wastewater Fixed Asset Cost Basis

Excludes Water Reclamation Assets

Engineering News-Record Construction Cost Index (20-Cities Avg), January 2017 10531.68

Asset #	Description	Location 1	Location 2	Acquisition Year	Original Cost	Original Cost (w/ Adjustments)	Accumulated Depreciation	Depreciated Cost Basis	ENR-CCI for Acquisition Year	ENR-Adjusted Original Cost (w/ Adjustments)
04778	LIQUID WASTE SUBMERSIBLE SUMP PUMP	80	80315	2014	4,029	4,029	672	3,358	9806	4,328
04779	LIQUID WASTE SUBMERSIBLE SUMP PUMP	80	80315	2014	4,029	4,029	672	3,358	9806	4,328
04780	BOBCAT BROOM/SWEEPER ATTACHMENT	80	80117	2014	4,993	4,993	791	4,203	9806	5,363
04782	CONDENSATE AND SEDIMENT TRAP	80	80072	2014	13,203	13,203	4,181	9,022	9806	14,181
04783	SCREW PRESS HYDRO-FLOW UNIT	80	80118	2015	20,027	20,027	2,670	17,356	10035	21,018
04784	LOW FLOW PUMP VFD - SEPS	23	2301	2015	12,740	12,740	1,805	10,935	10035	13,371
04785	COGEN SUBMERSIBLE PUMP MOTOR (I OF 2	80	80121	2015	3,960	3,960	1,760	2,200	10035	4,155
04786	COGEN SUBMERSIBLE PUMP MOTOR (2 OF 2	80	80121	2015	3,960	3,960	1,760	2,200	10035	4,155
04787	LOW FLOW PUMP DRIVE - SEPS	23	2301	2015	10,373	10,373	1,383	8,990	10035	10,887
04788	2 SIDED ID MAKER - HUMAN RESOURCES	90	9001	2015	3,488	3,488	872	2,616	10035	3,661
04789	DIGESTER MIXING PUMP SOFT START	80	80070	2015	5,548	5,548	991	4,557	10035	5,823
04790	BARRACUDA MESSAGE ARCHIVER 350	90	9001	2015	8,209	8,209	1,197	7,012	10035	8,615
04791	1" COGEN DIGESTER GAS FLOW METER	80	80040	2015	5,338	5,338	578	4,759	10035	5,602
04792	2" COGEN DIGESTER GAS FLOW METER	80	80040	2015	5,800	5,800	628	5,172	10035	6,088
04793	PORTABLE FLOW METER FOR PG#013	13	1399	2015	6,162	6,162	668	5,495	10035	6,467
04794	BIOCELL RECEIVING FACILITY	80	80221	2015	154,332	154,332	4,180	150,152	10035	161,971
04795	LIQUID WASTE AREA PAVEMENT	80	80315	2015	102,888	102,888	7,431	95,457	10035	107,980
04796	PH & CONDUCTIVITY METER (FOPS)	24	2401	2015	32,684	32,684	2,361	30,323	10035	34,302
04797	PH & CONDUCTIVITY METER (CAPS)	25	2501	2015	32,684	32,684	2,361	30,323	10035	34,302
04798	PH & CONDUCTIVITY METER (SAPS)	27	2701	2015	32,684	32,684	2,361	30,323	10035	34,302
04799	HANDRAIL & PLATFORM MODIFICATION	80	80203	2015	18,742	18,742	812	17,930	10035	19,670
04800	HANDRAIL & PLATFORM MODIFICATION	80	80203	2015	18,742	18,742	812	17,930	10035	19,670
04801	HANDRAIL & PLATFORM MODIFICATION	80	80111	2015	18,742	18,742	812	17,930	10035	19,670
04802	HANDRAIL & PLATFORM MODIFICATION	80	80112	2015	22,560	22,560	978	21,582	10035	23,676
04803	HANDRAIL & PLATFORM MODIFICATION	80	80113	2015	18,742	18,742	812	17,930	10035	19,670
04804	HANDRAIL & PLATFORM MODIFICATION	80	80114	2015	22,560	22,560	978	21,582	10035	23,676
04805	HANDRAIL & PLATFORM MODIFICATION	80	80115	2015	18,742	18,742	812	17,930	10035	19,670
04806	SINGLE SCREW GAS COMPRESSOR	80	80040	2015	403,187	403,187	23,519	379,668	10035	423,143
04807	COGEN GAS COMPRESSOR CONTROL PANEL	80	80040	2015	71,151	71,151	5,534	65,617	10035	74,672
04808	REMOTE AIR COOLED AFTER COOLER (	80	80040	2015	63,245	63,245	4,919	58,326	10035	66,375
04809	VFD FOR COGEN GAS COMPRESSOR	80	80040	2015	86,962	86,962	5,073	81,889	10035	91,266
04810	COMMON SUCTION SCRUBBER (COGEN)	80	80040	2015	55,339	55,339	4,304	51,035	10035	58,078
04811	COMMON DISCHARGE SCRUBBER	80	80040	2015	55,339	55,339	4,304	51,035	10035	58,078
04812	COALESCING SCRUBBER (COGEN)	80	80040	2015	55,339	55,339	4,304	51,035	10035	58,078
04813	BRINE POND CPEN/CLOSE ACTUATOR (1 OF	80	80075	2015	25,962	25,962	3,678	22,284	10035	27,247
04814	BRINE POND ACTUATOR (2 OF 2)	80	80075	2015	22,116	22,116	3,133	18,983	10035	23,211
04815	PROMAG FLOW METER FOR BRINE	80	80075	2015	15,024	15,024	2,128	12,896	10035	15,768
04816	MAGNETIC FLOW METER FOR BRINE	80	80075	2015	6,761	6,761	1,916	4,845	10035	7,096
04817	REMOTE I/O PANEL (BRINE)	80	80075	2015	5,259	5,259	745	4,514	10035	5,519
04818	ADMIN HVAC (1 OF 7)	90	9001	2014	8,354	8,354	882	7,473	9806	8,973
04819	ADMIN HVAC (2 OF 7)	90	9001	2014	8,354	8,354	882	7,473	9806	8,973
04820	ADMIN HVAC (3 OF 7)	90	9001	2014	8,354	8,354	882	7,473	9806	8,973
04821	ADMIN HVAC (4 OF 7)	90	9001	2014	8,354	8,354	882	7,473	9806	8,973
04822	ADMIN HVAC (5 OF 7)	90	9001	2014	8,354	8,354	882	7,473	9806	8,973
04823	ADMIN HVAC (6 OF 7)	90	9001	2014	7,403	7,403	781	6,621	9806	7,950
04824	ADMIN HVAC (7 OF 7)	90	9001	2014	3,701	3,701	391	3,311	9806	3,975
04825	HEADWORKS SLUICE ACTUATOR FOR	80	80260	2015	10,629	10,629	1,151	9,478	10035	11,155
04826	HEADWORKS SLUICE ACTUATOR FOR MTRY	80	80260	2015	10,629	10,629	1,151	9,478	10035	11,155
04827	HEADWORKS SLUICE ACTUATOR FOR	80	80260	2015	10,629	10,629	1,151	9,478	10035	11,155
04828	FORT ORD POWERFLEX DC DRIVE (1 OF 4)	24	2401	2015	57,166	57,166	4,129	53,037	10035	59,995
04829	FORT ORD POWERFLEX DC DRIVE (2 OF 4)	24	2401	2015	57,166	57,166	4,129	53,037	10035	59,995
04830	FORT ORD POWERFLEX DC DRIVE (3 OF 4)	24	2401	2015	57,166	57,166	4,129	53,037	10035	59,995
04831	VOIP PAGING SYSTEM SWITCH	80	80013	2015	6,491	6,491	2,344	4,147	10035	6,813
04832	VOIP PAGING SYSTEM SWITCH	80	80020	2015	6,491	6,491	2,344	4,147	10035	6,813
04833	VOIP PAGING SYSTEM SWITCH	80	80039	2015	6,491	6,491	2,344	4,147	10035	6,813
04834	VOIP PAGING SYSTEM SWITCH	80	80100	2015	6,491	6,491	2,344	4,147	10035	6,813
04835	VOIP PAGING SYSTEM SWITCH	80	80061	2015	6,491	6,491	2,344	4,147	10035	6,813
04836	VOIP PAGING SYSTEM SWITCH	80	80118	2015	6,491	6,491	2,344	4,147	10035	6,813
04837	FORT ORD POWERFLEX DC DRIVE (4 OF 4)	24	2401	2015	57,166	57,166	4,129	53,037	10035	59,995
04838	VOIP PAGING SYSTEM SWITCH	80	80090	2015	6,491	6,491	2,344	4,147	10035	6,813
04839	FORT ORD PANEL VIEW	24	2401	2015	5,197	5,197	563	4,634	10035	5,454
04840	VOIP PAGING SYSTEM SWITCH	80	80050	2015	6,491	6,491	2,344	4,147	10035	6,813
04842	FORT ORD CONTROLLER	24	2401	2015	5,197	5,197	563	4,634	10035	5,454
04843	FORT ORD ETHERNET ADAPTER (I 0F 3)	24	2401	2015	6,929	6,929	1,072	5,857	10035	7,272
04844	FORT ORD ETHERNET ADAPTER (2 0F 3)	24	2401	2015	6,929	6,929	1,072	5,857	10035	7,272
04845	COGEN BUILDING ROOF & GUTTERS (2ND	80	80039	2015	62,574	62,574	3,389	59,184	10035	65,671
04846	FORT ORD ETHERNET ADAPTER (3 0F 3)	24	2401	2015	6,929	6,929	1,072	5,857	10035	7,272
04847	LIQUID WASTE BUILDING ROOF & GUTTER	80	80315	2015	17,596	17,596	953	16,643	10035	18,467
04848	COGEN BUILDING CMU WALL MODIFICATION	80	80039	2015	50,837	50,837	2,754	48,083	10035	53,353
04849	LAB BI POLAR IONIZER (1 OF 4)	80	80012	2014	7,289	7,289	1,154	6,135	9806	7,829
04850	COGEN ELECTRICAL,SAFETY,PLC SCADA	80	80039	2015	76,256	76,256	5,507	70,748	10035	80,030
04851	LAB BI POLAR IONIZER (2 OF 4)	80	80012	2014	7,289	7,289	1,154	6,135	9806	7,829
04852	REMOTE BREAKER ACTUATION PANEL (	80	80039	2015	14,121	14,121	1,020	13,102	10035	14,820
04853	LAB BI POLAR IONIZER (3 OF 4)	80	80012	2014	7,289	7,289	1,154	6,135	9806	7,829
04854	REMOTE BREAKER ACTUATION PANEL (	80	80039	2015	14,121	14,121	1,020	13,102	10035	14,820
04855	LAB BI POLAR IONIZER (4 OF 4)	80	80012	2014	7,289	7,289	1,154	6,135	9806	7,829
04856	REMOTE BREAKER ACTUATION PANEL (	80	80039	2015	14,121	14,121	1,020	13,102	10035	14,820
04858	PIPING - GRIT	80	80100	2016	206,445	206,445	2,581	203,865	10338	210,313
04859	BLOWER - GRIT (B135)	80	80100	2016	9,384	9,384	313	9,071	10338	9,560
04860	BLOWER - GRIT CHAMBER (B-137)	80	80100	2016	9,384	9,384	313	9,071	10338	9,560
04861	PUMP GRIT	80	80100	2016	26,099	26,099	870	25,229	10338	26,588

Table A
MRWPCA Capacity Charge Update
Wastewater Fixed Asset Cost Basis

Excludes Water Reclamation Assets

Engineering News-Record Construction Cost Index (20-Cities Avg), January 2017	10531.68

Asset #	Description	Location 1	Location 2	Acquisition Year	Original Cost	Original Cost (w/ Adjustments)	Accumulated Depreciation	Depreciated Cost Basis	ENR-CCI for Acquisition Year	ENR-Adjusted Original Cost (w/ Adjustments)
04862	PUMP - GRIT	80	80100	2016	26,099	26,099	870	25,229	10338	26,588
04863	PUMP - GRIT	80	80100	2016	26,099	26,099	1,305	24,794	10338	26,588
04864	PUMP - GRIT	80	80100	2016	26,099	26,099	1,305	24,794	10338	26,588
04865	PUMP - GRIT	80	80100	2016	26,099	26,099	870	25,229	10338	26,588
04866	PUMP - GRIT	80	80100	2016	26,099	26,099	870	25,229	10338	26,588
04867	PUMP - GRTI	80	80100	2016	26,099	26,099	870	25,229	10338	26,588
04868	PUMP - GRIT	80	80100	2016	26,099	26,099	870	25,229	10338	26,588
04869	COATING - GRIT CHAMBER	80	80100	2016	173,993	173,993	8,700	165,293	10338	177,252
04870	COATING - GRIT CHAMBER	80	80100	2016	173,993	173,993	8,700	165,293	10338	177,252
04871	INFLUENT VAULT CONCRETE REHAB	25	2501	2015	280,731	280,731	10,527	270,203	10035	294,625
04872	GATE, SLUICE, INFLUENT VAULT	25	2501	2015	12,000	12,000	450	11,550	10035	12,594
04873	CORAL PUMP STATION WET WELL CONCRETE	15	1501	2015	258,607	258,607	9,698	248,909	10035	271,407
04874	FOUNTAIN PUMP STATION WET WELL	13	1301	2015	428,983	428,983	16,087	412,896	10035	450,215
04875	BUS DUCT SIDE "A" REPLACEMENT	80	80039	2014	86,678	86,678	4,876	81,802	9806	93,092
04876	LAB TOC ROOM AIR CONDITIONING SYSTEM	80	80012	2015	40,000	40,000	2,889	37,111	10035	41,980
04877	LAB TOC ROOM A+ ULTRAPURE WATER	80	80012	2014	10,441	10,441	1,160	9,281	9806	11,214
04878	LAB TOC ROOM SNORKEL FUME HOOD	80	80012	2015	6,368	6,368	460	5,908	10035	6,683
04879	LAB TOC ROOM CABINETS/COUNTER TOPS	80	80012	2015	26,102	26,102	1,414	24,688	10035	27,394
04880	MUFFLE FURNACE - LAB	80	80012	2015	7,824	7,824	652	7,172	10035	8,212
04881	VFD, SEWAGE PUMP #1	23	2301	2016	65,637	65,637	2,279	63,358	10338	66,867
04882	VFD, SEWAGE PUMP #2	23	2301	2016	65,637	65,637	2,279	63,358	10338	66,867
04883	VFD, SEWAGE PUMP #3	23	2301	2016	65,637	65,637	2,279	63,358	10338	66,867
04884	VFD, SEWAGE PUMP #4	23	2301	2016	65,637	65,637	2,279	63,358	10338	66,867
04885	VFD, SEWAGE PUMP	23	2301	2016	30,000	30,000	1,042	28,958	10338	30,562
04886	PLC BACK UP CONTROLLER	23	2301	2016	18,520	18,520	617	17,903	10338	18,867
04887	PLC	23	2301	2016	44,300	44,300	1,231	43,069	10338	45,130
04888	18" FLOW METER - FOPS	24	2401	2015	7,137	7,137	496	6,642	10035	7,491
04889	18" FLOW METER - SEPS	23	2301	2015	7,134	7,134	495	6,639	10035	7,488
04890	GWR DEMONSTRATION FACILITY	80	80051	2016	168,563	168,563	0	168,563	10338	171,721
04891	DAF DRIVE REBUILD	80	80200	2015	24,996	24,996	2,291	22,705	10035	26,234
04892	LOW FLOW PUMP SEPS	23	2301	2016	63,763	63,763	1,417	62,346	10338	64,957
04893	VFD - ALLEN BRADLEY POWER FLEX CAPS (1	25	2501	2016	29,424	29,424	1,226	28,198	10338	29,975
04894	VFD-ALLEN BRADLEY POWER FLEX (2 OF 2)	25	2501	2016	29,424	29,424	1,226	28,198	10338	29,975
04895	DIMMINUTOR OPEN CHANNEL GRINDER	1	10099	2015	42,891	42,891	1,787	41,104	10035	45,014
04896	DIGITAL SCALE CONTROLLER-GSE560	80	80310	2015	7,276	7,276	606	6,670	10035	7,636
04897	ASCO AUTO TRANSFER SWITCH	80	80080	2015	8,280	8,280	633	7,648	10035	8,690
04898	HVAC UNIT RTP ADMIN	80	80010	2016	13,760	13,760	688	13,072	10338	14,018
04902	EXHAUST FAN & FURNACE DUCTWORK	80	80012	2016	11,212	11,212	561	10,651	10338	11,422
04903	HEADWORKS/SECONDARY SAMPLER	80	80100	2016	7,090	7,090	295	6,795	10338	7,223
04908	6000 GAL GASOLINE STORAGE	80	80340	2015	166,181	166,181	6,093	160,088	10035	174,406
04909	DIESEL FUEL STORAGE TANK 6000	80	80341	2015	166,181	166,181	6,093	160,088	10035	174,406
04910	ULTRA FILTERATION SKID	80	80051	2015	42,012	42,012	2,101	39,911	10035	44,091
04911	GWR OZONE SKID	80	80051	2015	47,661	47,661	3,177	44,483	10035	50,020
04912	RO N/F GWR WATER SKID	80	80051	2015	42,012	42,012	2,101	39,911	10035	44,091
04913	UV DISINFECTION SYSTEM	80	80051	2015	47,957	47,957	2,398	45,559	10035	50,331
03931	OUTFALL DIFFUSER PORTS WORK	50	80999	1998	1,313,002	1,313,002	590,790	722,212	5920	2,335,831
03972	RS VIEW 32 RUNTIME W/ LINK SOFTWARE	80	80011	2001	4,733	4,733	4,733	0	6343	7,858
04781	CSIP MASTER PLC UPGRADE	80	80013	2015	69,563	69,563	6,280	63,283	10035	73,006
TOTAL					**207,580,206**	**207,968,404**	**137,403,716**	**70,564,688**		**444,074,555**

APPENDIX C

Interruptible Rate Update Tables

MRWPCA

Monterey Regional Water Pollution Control Agency



Interruptible Service Rates

BARTLE WELLS ASSOCIATES
INDEPENDENT PUBLIC FINANCE ADVISORS

Table 1
MRWPCA Interruptible Rates
Interruptible Rate Unit Cost Calculation

Department	Chemical	Power	Repair	Sludge	Total
OPERATING EXPENSES FOR COST RECOVERY					*Source: 2016/17 Adopted Budget*
Expenses by Function					
32 Field Maintenance	$599,500	$0	$135,000	$0	
39 Utilities Services	0	1,400,000	0	250,000	
40 Operations	398,105	0	0	396,314	
Subtotal	$997,605	$1,400,000	$135,000	$646,314	$0
Plus Labor Associated with Sludge Handling					
Labor %			100.0%	30.0%	
Labor $			135,000	193,894	328,894
Total Expenses by Function	997,605	1,400,000	270,000	840,208	3,507,813
Overhead Allocation					
Overhead %	16.9%	16.9%	16.9%	16.9%	
Overhead $	168,595	236,600	45,630	141,995	592,820
Total Expenses with Overhead	**1,166,200**	**1,636,600**	**315,630**	**982,203**	**4,100,634**
COST ALLOCATION					
Cost Allocation % to Flow, BOD, SS					
Flow	0%	100%	0%	0%	
BOD	100%	0%	0%	0%	
SS	0%	0%	100%	100%	
Cost Allocation $ to Flow, BOD, SS					
Flow	$0	$1,636,600	$0	$0	$1,636,600
BOD	1,166,200	0	0	0	1,166,200
SS	0	0	315,630	982,203	1,297,833
UNIT RATE CALCULATION		Flow	BOD	SS	
Cost Allocation $ to Flow, BOD, SS		$1,636,600	$1,166,200	$1,297,833	
Flow & Loadings without Ag Wash		17.03	420	398	
3-Year Weighted Average		mgd	mg/l	mg/l	
Rate per Unit		**$96,082**	**$163**	**$191**	
		per mgd	**per BOD x mgd**	**per SS x mgd**	

Table 2
MRWPCA Interruptible Rates
Interruptible Rate per Source

	Flow AFY[1]	Flow mgd	BOD[2]	TSS[2]	Maintenance	Total Costs	Rate $/AF	Rate $/mg
Estimated Flow & Loadings								
Ag Wash Water	3,732	3.332	735	282				
Blanco Drain	2,620	2.339	0	48				
Reclamation Ditch	1,522	1.359	8	55				
Pond Water (Ag Wash & Stormwater)	304	0.271	14	38				
Tembladero Slough	1	0.001	7	150				
SW Salinas Storm Water (12/2/14 data)	225	0.201	9	24.5				
Lake El Estero	1	0.001	14	18				
Maintenance Costs A	Cost	Flow mgd	Cost / mgd					
Ag Wash Water		3.332						
Pond Water (Ag Wash & Stormwater)		0.271						
Subtotal	$6,392	3.603	$1,774					
Maintenance Costs B	Cost	Flow mgd						
Blanco Drain		2.339						
Reclamation Ditch		1.359						
Tembladero Slough		0.001						
Subtotal	$1,065	3.698	$288					
Unit Rates		$96,082	$163	$191	A $1,774			
		per mgd	per BOD or SS x mgd		B $288			
					per mgd			
Rate Calculation								
Ag Wash Water		$320,117	$399,156	$179,453	A $5,911	$904,636	$242.40	$743.90
Blanco Drain		224,696	0	21,440	B 673	246,810	94.22	289.15
Reclamation Ditch		130,552	1,772	14,274	B 391	146,988	96.58	296.38
Pond Water (Ag Wash & Stormwater)		26,076	619	1,970	A 481	29,147	95.88	294.24
Tembladero Slough		86	1	26	B 0	113	112.63	345.65
SW Salinas Storm Water (12/2/14 data)		19,300	295	940		20,534	91.26	280.08
Lake El Estero		86	2	3		91	90.88	278.91

1 Source: Draft Environmental Impact Report.
2 Source: Based on historical sampling data (part of EIR study).

Table 3
MRWPCA Interruptible Rates
Projected Rates

	Current 2016/17	Updated 2017/18
Annual Adjustment		
Interruptible Rate ($ per AF)		
Ag Wash Water	$203.83	$242.40
Blanco Drain	76.34	94.22
Reclamation Ditch	79.46	96.58
Pond Water (Ag Wash & Stormwater)	85.95	95.88
Tembladero Slough	94.02	112.63
SW Salinas Storm Water	70.78	91.26
Lake El Estero	70.57	90.88
Interruptible Rate ($ per mg)		
Ag Wash Water	$625.53	$743.90
Blanco Drain	234.29	289.15
Reclamation Ditch	243.84	296.38
Pond Water (Ag Wash & Stormwater)	263.76	294.24
Tembladero Slough	288.54	345.65
SW Salinas Storm Water	217.22	280.08
Lake El Estero	216.58	278.91

Table 4
MRWPCA Interruptible Rates
Historical Influent Wastewater Loadings

	2013	2014	2015	2016	3-Year Avg
INFLUENT FLOW (MGD)					
January	18.1	16.8	16.5	16.9	
February	17.4	17.3	16.3	16.9	
March	17.3	17.0	16.4	17.5	
April	18.0	20.2	17.8	18.8	
May	18.1	20.5	18.9	19.4	
June	18.2	20.5	18.9	19.6	
July	18.4	20.8	19.0	19.4	
August	18.6	20.6	18.6	19.9	
September	18.6	20.3	18.6	19.4	
October	17.8	20.3	18.6	18.6	
November	17.7	19.2	16.2	16.7	
December	17.0	18.8	15.6	16.3	
AVERAGE	**17.9**	**19.4**	**17.6**	**18.3**	18.42
Without Ag Wash	17.5	17.8	16.2	17.1	17.03
With Ag Wash	18.2	20.5	18.6	19.3	19.46
BIOLOGICAL OXYGEN DEMAND		CBOD Concentrations			
January	326	362	419	319	
February	305	341	391	356	
March	277	366	372	348	
April	348	342	390	372	
May	367	370	393	356	
June	347	362	383	387	
July	342	380	383	422	
August	353	362	436	479	
September	377	372	394	428	
October	338	411	393	358	
November	345	397	391	355	Weighted
December	336	327	391	366	Average
AVERAGE	**338**	**366**	**395**	**379**	379
Without Ag Wash	318	359	393	341	364
With Ag Wash	353	371	396	407	391
BOD CONVERSION	**BOD = 1.622 x (CBOD-104.65)** (based on MRWPCA sampling data)				
Without Ag Wash	346	413	468	383	420
With Ag Wash	403	432	473	491	465
TOTAL SUSPENDED SOLIDS (TSS)					
January	391	421	470	364	
February	393	416	426	377	
March	416	420	393	372	
April	417	393	359	393	
May	424	419	337	371	
June	398	406	350	400	
July	406	417	364	461	
August	422	390	389	451	
September	401	398	394	423	
October	417	381	361	393	
November	406	394	375	375	Weighted
December	380	421	385	372	Average
AVERAGE	**406**	**406**	**384**	**396**	396
Without Ag Wash	397	414	410	371	398
With Ag Wash	412	401	365	413	393

Table 5
MRWPCA Interruptible Rates
Historical CBOD & TBOD Data and Conversion Factor

	CBOD mg/l	TBOD mg/l
Influent Without Ag Wash		
2013	318	346
2014	359	413
2015	393	468
2016	341	383
3-Year Weighted Average	**364**	**420**
Influent With Ag Wash		
2013	353	403
2014	371	432
2015	396	473
2016	407	491
3-Year Weighted Average	**391**	**465**

Source: MRWPCA

CBOD = Carbonaceous BOD
TBOD = Total BOD or typically referred to as simply BOD

Least square fit (best statistical linear correlation)
TBOD=(CBOD-104.65)*1.622

APPENDIX D

Additional Fee & Charge Updates
Tables & Worksheets

Monterey Regional Water Pollution Control Agency

Additional Fees & Service Charges

BARTLE WELLS ASSOCIATES
INDEPENDENT PUBLIC FINANCE ADVISORS

MRWPCA Additional Fees

Updated Additional Fees & Charges		
Fee Description	**Current Fees**	**Updated Fees**
Interruptible Rates		
Agricultural Wash Water	$203.83 / Acre foot	$242.40 / Acre Foot
Blanco Drain	$76.34 / Acre foot	$94.22 / Acre Foot
Reclamation Ditch	$94.02 / Acre foot	$96.58 / Acre Foot
Salinas Storm Water	$70.78 / Acre foot	$91.26 / Acre Foot
Lake El Estero	$70.57 / Acre foot	$90.88 / Acre Foot
Pond Water (Ag Wash & Stormwater)	n/a	$95.88 / Acre Foot
Tembladero Slough	n/a	$112.63 / Acre Foot
Fee for Outside Services	Cost of service	Cost of service
Salinas Pond (User fees are assessed by the City of Salinas)	Cost of service	Cost of service
Return Item Fee	$10 / $15	$27.40 + bank return item fee (currently $17)
Lien Filing Fee	30	$30 per lien
Service Charge Billing Fee: Member Agencies	$0.20 per account	$0.44 per bill
Service Charge Billing Ree: Monterey County	$0.93 per account	$1.23 per bill
Lift Station Maintenance	Cost of service	Cost of service
Industrial Discharge Permit Non-Compliance Fee	Cost of service	Cost of service
Liquid Waste Discharge Fees		
Liquid Waste (Septage)	$0.04 / gallon	$0.085 / gallon
Grease	$0.11 / gallon	$0.11 / gallon
Biocell	$0.11 / gallon	$0.07 / gallon
Special	$0.11 / gallon	$0.05 / gallon
Annual Source Control Permit & Inspection Fees	*Current Classes & Permit Fees*	
ORIU	*Class A: $25*	$1,865
SIU	*Class C: $600*	$4,125
CIU		$4,125
Additional fees to the standard fees listed above may apply on a cost of service basis when additional services are provided, such as for dealing with issues, violations, and non-compliance.		
Annual Liquid Waste Hauler Permit Fee	$100	$200
Liquid Waste Deposit	$1,000	$1,000 minimum *With discretion to set a higher deposit, such as for larger customers or accts with delinquencies*
Brine (1)		
Brine w/Chemicals		$0.05 / gallon
All Other Brine	Varies from $0.025 to $0.11	$0.035 / gallon

1 Some brine costs are based on an Agreement between MRWPCA and other entities.

Note: Cost of service includes billable wages and benefits, overhead, materials, vehicle usage, mileage, lab fees, on-call costs, and other costs directly or indirectly incurred for providing the service for which a fee is charged.

Standard fees and charges are shown above. Different fees or charges may be levied on case-by-case basis to better reflect the actual cost for providing a service, as determined by MRWPCA.

Alternative Waste Hauler Rates by Truckload

Liquid Waste Hauler Rates
Alternative A: Charges per Truckload Based on Capacity

Unit Rates per Gallon				
Liq Waste	Grease	Biocell	Special	Brine
$0.085	$0.11	$0.07	$0.05	$0.035
Charge Based on % of Truck Capacity				85%

Truck Capacity (Gallons)			Charges per Truckload				
From		To	Liq Waste	Grease	Biocell	Special	Brine
1	-	500	$36.13	$46.75	$29.75	$21.25	$14.88
501	-	750	54.19	70.13	44.63	31.88	22.31
751	-	1,000	72.25	93.50	59.50	42.50	29.75
1,001	-	1,250	90.31	116.88	74.38	53.13	37.19
1,251	-	1,500	108.38	140.25	89.25	63.75	44.63
1,501	-	1,750	126.44	163.63	104.13	74.38	52.06
1,751	-	2,000	144.50	187.00	119.00	85.00	59.50
2,001	-	2,250	162.56	210.38	133.88	95.63	66.94
2,251	-	2,500	180.63	233.75	148.75	106.25	74.38
2,501	-	2,750	198.69	257.13	163.63	116.88	81.81
2,751	-	3,000	216.75	280.50	178.50	127.50	89.25
3,001	-	3,250	234.81	303.88	193.38	138.13	96.69
3,251	-	3,500	252.88	327.25	208.25	148.75	104.13
3,501	-	3,750	270.94	350.63	223.13	159.38	111.56
3,751	-	4,000	289.00	374.00	238.00	170.00	119.00
4,001	-	4,250	307.06	397.38	252.88	180.63	126.44
4,251	-	4,500	325.13	420.75	267.75	191.25	133.88
4,501	-	4,750	343.19	444.13	282.63	201.88	141.31
4,751	-	5,000	361.25	467.50	297.50	212.50	148.75
5,001	-	5,250	379.31	490.88	312.38	223.13	156.19
5,251	-	5,500	397.38	514.25	327.25	233.75	163.63
5,501	-	5,750	415.44	537.63	342.13	244.38	171.06
5,751	-	6,000	433.50	561.00	357.00	255.00	178.50
6,001	-	6,250	451.56	584.38	371.88	265.63	185.94
6,251	-	6,500	469.63	607.75	386.75	276.25	193.38
6,501	-	6,750	487.69	631.13	401.63	286.88	200.81
6,751	-	7,000	505.75	654.50	416.50	297.50	208.25

Liquid Waste Hauler Rates
Alternative B: Charges per Truckload for Specific Trucks

2016 Permitted Liquid Waste Hauler Trucks						Capacity	% of Total	85%	Charge per Truckload				
									Liq Waste	Grease	Biocell	Special	Brine
Permit #	Hauler Name	Make	Truck Model	Truck #	License #	(gallons)	Capacity	Capacity	$0.085	$0.11	$0.07	$0.05	$0.034
2	United Site Svcs	Chevy	International	618821	8U97210	1,500	85%	1,275	$108.38	$140.25	$89.25	$63.75	$43.35
2	United Site Svcs	Chevy	International	618822	8V97211	1,500	85%	1,275	108.38	140.25	89.25	63.75	43.35
2	United Site Svcs	Chevy	International	618847	8U71417	1,500	85%	1,275	108.38	140.25	89.25	63.75	43.35
2	United Site Svcs	Chevy	International	618848	8U71419	1,500	85%	1,275	108.38	140.25	89.25	63.75	43.35
2	United Site Svcs	Chevy	International	618849	8U97765	1,500	85%	1,275	108.38	140.25	89.25	63.75	43.35
2	United Site Svcs	Chevy	International	618850	8U71418	1,500	85%	1,275	108.38	140.25	89.25	63.75	43.35
2	United Site Svcs		Hino	108072	2318551	1,500	85%	1,275	108.38	140.25	89.25	63.75	43.35
2	United Site Svcs		Hino	108073	2318551	1,500	85%	1,275	108.38	140.25	89.25	63.75	43.35
3	USA Wate of California	Freightliner	M2106		8T57940	1,500	85%	1,275	108.38	140.25	89.25	63.75	43.35
5	Bud Antle	Chevy	Int	836	CP39067	1,400	85%	1,190	101.15	130.90	83.30	59.50	40.46
6	D&G	Chevy	Int	635	8V58387	1,683	85%	1,431	121.60	157.36	100.14	71.53	48.64
6	D&G	Chevy	Int	631	56891G1*	833	85%	708	60.18	77.89	49.56	35.40	24.07
6	D&G	Ford		630	37134L1	737	85%	626	53.25	68.91	43.85	31.32	21.30
6	D&G	Chevy	Int	632	7F50598	853	85%	725	61.63	79.76	50.75	36.25	24.65
6	D&G	Chevy	Int	641	64154N1	960	85%	816	69.36	89.76	57.12	40.80	27.74
6	D&G	Chevy	Int	633	56891G1	845	85%	718	61.05	79.01	50.28	35.91	24.42
6	D&G	Chevy	Int	612	8717595*	2,264	85%	1,924	163.57	211.68	134.71	96.22	65.43
6	D&G	Chevy	Int	611	6G18138	706	85%	600	51.01	66.01	42.01	30.01	20.40
6	D&G	Chevy	Int	647	11751T1*	860	85%	731	62.14	80.41	51.17	36.55	24.85
8	JGPG/Greenline	Perterbuilt	Vacuum Truck	G60	55007R1	3,195	85%	2,716	230.84	298.73	190.10	135.79	92.34
8	JGPG/Greenline	Sterling	Vacuum Truck	G54	9D69284	3,072	85%	2,611	221.95	287.23	182.78	130.56	88.78
8	JGPG/Greenline	Sterling	Vacuum Truck	G45	5U73684	3,078	85%	2,616	222.39	287.79	183.14	130.82	88.95
8	JGPG/Greenline	Sterling	Vacuum Truck	G47	5Y77280	3,072	85%	2,611	221.95	287.23	182.78	130.56	88.78
8	JGPG/Greenline	Thompson	Vacuum Truck	G52	4EM6986	5,125	85%	4,356	370.28	479.19	304.94	217.81	148.11
11	PSTS	Sterling		34	8K11273	3,800	85%	3,230	274.55	355.30	226.10	161.50	109.82
11	PSTS	Sterling		37	8K65999	3,900	85%	3,315	281.78	364.65	232.05	165.75	112.71
11	PSTS	Sterling		38	8M19065	3,600	85%	3,060	260.10	336.60	214.20	153.00	104.04
11	PSTS	Peterbuilt	Vacuum Truck	42	15208K1	1,500	85%	1,275	108.38	140.25	89.25	63.75	43.35
11	PSTS	Peterbuilt	Vacuum Truck	46	11487T1	2,500	85%	2,125	180.63	233.75	148.75	106.25	72.25
21	A&G Pumping	Chevy	International		7M82382	1,100	85%	935	79.48	102.85	65.45	46.75	31.79
21	A&G Pumping	Chevy	International		7514854	1,000	85%	850	72.25	93.50	59.50	42.50	28.90
21	A&G Pumping	Chevy	International		8M2260	1,100	85%	935	79.48	102.85	65.45	46.75	31.79
21	A&G Pumping	Chevy	International		8R72260	1,100	85%	935	79.48	102.85	65.45	46.75	31.79
21	A&G Pumping	Chevy	International		8X26698	1,500	85%	1,275	108.38	140.25	89.25	63.75	43.35
21	A&G Pumping		PTRB		8K65991	1,500	85%	1,275	108.38	140.25	89.25	63.75	43.35
21	A&G Pumping		PTRB		8K66129	3,600	85%	3,060	260.10	336.60	214.20	153.00	104.04
21	A&G Pumping	Chevy	International		8T52757	1,100	85%	935	79.48	102.85	65.45	46.75	31.79

Liquid Waste Hauler Rates

Alternative B: Charges per Truckload for Specific Trucks

2016 Permitted Liquid Waste Hauler Trucks						Capacity	% of Total	85%	Charge per Truckload				
									Liq Waste	Grease	Biocell	Special	Brine
Permit #	Hauler Name	Make	Truck Model	Truck #	License #	(gallons)	Capacity	Capacity	$0.085	$0.11	$0.07	$0.05	$0.034
21	A&G Pumping		PTRB		8Y01207	1,500	85%	1,275	108.38	140.25	89.25	63.75	43.35
21	A&G Pumping		PTRB		43860F1	1,000	85%	850	72.25	93.50	59.50	42.50	28.90
23	Don Chapin/Tom's Septic	Peterbuilt	Vacuum Truck	736	8G17195	3,600	85%	3,060	260.10	336.60	214.20	153.00	104.04
23	Don Chapin/Tom's Septic	Peterbuilt	Vacuum Truck	837	85343CL	3,039	85%	2,583	219.57	284.15	180.82	129.16	87.83
23	Don Chapin/Tom's Septic	Peterbuilt	Vacuum Truck	845	38102H1	3,675	85%	3,124	265.52	343.61	218.66	156.19	106.21
23	Don Chapin/Tom's Septic	Dodge	TN	566	6X24075	300	85%	255	21.68	28.05	17.85	12.75	8.67
23	Don Chapin/Tom's Septic	Dodge	PK	526	6L61872	200	85%	170	14.45	18.70	11.90	8.50	5.78
23	Don Chapin/Tom's Septic	Peterbuilt	Vacuum Truck	818	7Z74298	450	85%	383	32.51	42.08	26.78	19.13	13.01
23	Don Chapin/Tom's Septic	Kentworth	TN	911	99069P1	1,700	85%	1,445	122.83	158.95	101.15	72.25	49.13
23	Don Chapin/Tom's Septic	Ford	CB	933	67659V1	1,100	85%	935	79.48	102.85	65.45	46.75	31.79
23	Don Chapin/Tom's Septic	Peterbuilt	Vacuum Truck	826	8W90176	-	85%	-	-	-	-	-	-
23	Don Chapin/Tom's Septic	Ford		348	4N37371	-	85%	-	-	-	-	-	-
23	Don Chapin/Tom's Septic	Peterbuilt	Vacuum Truck		07890B2	4,047	85%	3,440	292.40	378.39	240.80	172.00	116.96
24	Pioneer Liquid Transport	Volvo	2003		9W47067	5,500	85%	4,675	397.38	514.25	327.25	233.75	158.95
24	Pioneer Liquid Transport	Chevy	International		0759H1	4,000	85%	3,400	289.00	374.00	238.00	170.00	115.60
25	The Growers Company	Ford	F650	TK226	AD61418	1,500	85%	1,275	108.38	140.25	89.25	63.75	43.35
25	The Growers Company	Ford		TK225	AA10153	800	85%	680	57.80	74.80	47.60	34.00	23.12
26	Miyasaka T.T.	GMC	Septic		5S71354	1,850	85%	1,573	133.66	172.98	110.08	78.63	53.47
30	Elioco Produce	Ford			SM89073	1,700	85%	1,445	122.83	158.95	101.15	72.25	49.13
34	Fresh Harvest		4700	STO45	6GI2545	1,045	85%	888	75.50	97.71	62.18	44.41	30.20
34	Fresh Harvest	Donahue	Gooseneck Trailer	TL263	4FX7789	1,200	85%	1,020	86.70	112.20	71.40	51.00	34.68
34	Fresh Harvest	Polar	SS Vacuum Tank	TL261	4LA4681	4,600	85%	3,910	332.35	430.10	273.70	195.50	132.94
34	Fresh Harvest	Chevy	Int 4300		AE61212	1,100	85%	935	79.48	102.85	65.45	46.75	31.79
34	Fresh Harvest	Chevy	Int 4700	ST60	6M20691	300	85%	255	21.68	28.05	17.85	12.75	8.67
44	MarBorg	Peterbuilt	Vacuum Truck		74416Y1	950	85%	808	68.64	88.83	56.53	40.38	27.46
44	MarBorg	Ford			35423T1	500	85%	425	36.13	46.75	29.75	21.25	14.45
44	MarBorg	Ford			7J10067	650	85%	553	46.96	60.78	38.68	27.63	18.79
44	MarBorg	Peterbuilt	Vacuum Truck	303	7T68719	1,500	85%	1,275	108.38	140.25	89.25	63.75	43.35
44	MarBorg	Peterbuilt	Vacuum Truck	311	3L09228	1,100	85%	935	79.48	102.85	65.45	46.75	31.79
44	MarBorg	Peterbuilt	Vacuum Truck	302	7441739	1,500	85%	1,275	108.38	140.25	89.25	63.75	43.35
44	MarBorg	Peterbuilt	Vacuum Truck		7M89445	350	85%	298	25.29	32.73	20.83	14.88	10.12
45	Western Packing	Ford	F150		61286G1	800	85%	680	57.80	74.80	47.60	34.00	23.12
45	Western Packing	Ford	F150		72988N1	800	85%	680	57.80	74.80	47.60	34.00	23.12
48	D.V. Sanitation	Ford	F550		90760G1	1,100	85%	935	79.48	102.85	65.45	46.75	31.79
49	ALGM	Peterbuilt	Vacuum Truck	340	8594570	3,600	85%	3,060	260.10	336.60	214.20	153.00	104.04
50	Star Sanitation	Chevy	International	5121	7542592	2,100	85%	1,785	151.73	196.35	124.95	89.25	60.69
50	Star Sanitation	Peterbuilt		5134	8T95377	1,600	85%	1,360	115.60	149.60	95.20	68.00	46.24

Liquid Waste Hauler Rates

Alternative B: Charges per Truckload for Specific Trucks

2016 Permitted Liquid Waste Hauler Trucks						Capacity	% of Total	85%	Charge per Truckload				
									Liq Waste	Grease	Biocell	Special	Brine
Permit #	Hauler Name	Make	Truck Model	Truck #	License #	(gallons)	Capacity	Capacity	$0.085	$0.11	$0.07	$0.05	$0.034
50	Star Sanitation	Peterbuilt		5143	8Y64419	1,600	85%	1,360	115.60	149.60	95.20	68.00	46.24
50	Star Sanitation	Peterbuilt		5147	98256C1	1,600	85%	1,360	115.60	149.60	95.20	68.00	46.24
50	Star Sanitation	Peterbuilt		5148	98258C1	1,600	85%	1,360	115.60	149.60	95.20	68.00	46.24
50	Star Sanitation	Peterbuilt		5161	69629H1	1,600	85%	1,360	115.60	149.60	95.20	68.00	46.24
50	Star Sanitation	Peterbuilt		5171	88291N1	1,600	85%	1,360	115.60	149.60	95.20	68.00	46.24
50	Star Sanitation	Chevy	International	5178	39951R1	1,600	85%	1,360	115.60	149.60	95.20	68.00	46.24
50	Star Sanitation	Fluidmaster	Tanker		4EK7986	5,000	85%	4,250	361.25	467.50	297.50	212.50	144.50
52	City of Seaside	Chevy	International		1073167	1,500	85%	1,275	108.38	140.25	89.25	63.75	43.35
52	City of Seaside	Sterling			1085379	1,500	85%	1,275	108.38	140.25	89.25	63.75	43.35
52	City of Seaside	Chevy	International		1470302	2,000	85%	1,700	144.50	187.00	119.00	85.00	57.80
52	JR Custom Harvesting	Ford	F150		8Y49075	800	85%	680	57.80	74.80	47.60	34.00	23.12
57	Glez Farms	Ford			8N54109	550	85%	468	39.74	51.43	32.73	23.38	15.90
57	Alonso's Pumping	Chevy	International		6Y57496	2,000	85%	1,700	144.50	187.00	119.00	85.00	57.80
57	Alonso's Pumping	Chevy	International		312401	2,300	85%	1,955	166.18	215.05	136.85	97.75	66.47
58	Philip Transportation	70BBL	Vacuum Tanker		51805F1	2,940	85%	2,499	212.42	274.89	174.93	124.95	84.97
58	Philip Transportation	70BBL	Vacuum Tanker		00839H1	2,940	85%	2,499	212.42	274.89	174.93	124.95	84.97
58	Philip Transportation	70BBL	Vacuum Tanker		22316 E 1	2,940	85%	2,499	212.42	274.89	174.93	124.95	84.97
58	Philip Transportation		Tank Trailer		4GT2891	6,100	85%	5,185	440.73	570.35	362.95	259.25	176.29
58	Philip Transportation	130BBL	Vacuum Trailer		4MD6416	5,400	85%	4,590	390.15	504.90	321.30	229.50	156.06
58	Philip Transportation	130BBL	Vacuum Trailer		4MB7345	5,400	85%	4,590	390.15	504.90	321.30	229.50	156.06
58	Philip Transportation	100BBL	Vacuum Trailer		4GT2940	5,000	85%	4,250	361.25	467.50	297.50	212.50	144.50
58	Philip Transportation	100BBL	Vacuum Trailer		4HH3054	5,000	85%	4,250	361.25	467.50	297.50	212.50	144.50
63	CFE Farms Inc.	Chevy	Int	63	5E8E722	1,100	85%	935	79.48	102.85	65.45	46.75	31.79
64	NorCal Harvesting	Chevy	International		7J29685	850	85%	723	61.41	79.48	50.58	36.13	24.57
64	NorCal Harvesting		Isuzu		8J96630	900	85%	765	65.03	84.15	53.55	38.25	26.01
67	RAMCO	Chevy	International	2245	7L92170	1,000	85%	850	72.25	93.50	59.50	42.50	28.90
67	RAMCO	Ford	F650		7T18339	1,000	85%	850	72.25	93.50	59.50	42.50	28.90
69	Premium Packing	Chevy	International	1	7L58449	900	85%	765	65.03	84.15	53.55	38.25	26.01
70	Fernandez Brothers	Chevy	Int		8J33698	900	85%	765	65.03	84.15	53.55	38.25	26.01
70	Fernandez Brothers	Ford			A48076	500	85%	425	36.13	46.75	29.75	21.25	14.45
72	Big Valley	Ford	F750	15	7W71116	2,000	85%	1,700	144.50	187.00	119.00	85.00	57.80
77	Salinas Valley Sanitation	Chevy	International		63016A1	1,100	85%	935	79.48	102.85	65.45	46.75	31.79
77	Salinas Valley Sanitation	Chevy	International		8X27565	1,100	85%	935	79.48	102.85	65.45	46.75	31.79
77	Salinas Valley Sanitation	Peterbuilt				1,500	85%	1,275	108.38	140.25	89.25	63.75	43.35
77	Salinas Valley Sanitation	Chevy	International			1,100	85%	935	79.48	102.85	65.45	46.75	31.79
81	Ben's Septic service	International	2012		9F22557	1,100	85%	935	79.48	102.85	65.45	46.75	31.79
90	Small Progress Company	Ford	F550		69885A1	900	85%	765	65.03	84.15	53.55	38.25	26.01

Liquid Waste Hauler Rates

Alternative B: Charges per Truckload for Specific Trucks

2016 Permitted Liquid Waste Hauler Trucks						Capacity	% of Total	85%	Charge per Truckload				
									Liq Waste	Grease	Biocell	Special	Brine
Permit #	Hauler Name	Make	Truck Model	Truck #	License #	(gallons)	Capacity	Capacity	$0.085	$0.11	$0.07	$0.05	$0.034
90	Small Progress Company	Ford	F550		7W88999	400	85%	340	28.90	37.40	23.80	17.00	11.56
90	Small Progress Company	Ford	F450		72980N1	400	85%	340	28.90	37.40	23.80	17.00	11.56
93	Gema Berry Farms	Chevy			4M32264	700	85%	595	50.58	65.45	41.65	29.75	20.23
94	Knights Pumping	Peterbuilt	Vacuum Truck		9E91621	6,000	85%	5,100	433.50	561.00	357.00	255.00	173.40
96	GC Harvesting	Chevy	International		6U39980	-	85%	-	-	-	-	-	-
96	GC Harvesting	Ford			6W22157	-	85%	-	-	-	-	-	-
97	Growers Transplanting	Ford	F550	M26	43274L1	900	85%	765	65.03	84.15	53.55	38.25	26.01
98	Viking Septic	Chevy	International		9E57282	1,450	85%	1,233	104.76	135.58	86.28	61.63	41.91
99	Monterey Peninsula Eng		Vacuum Trailer		SE488665	1,000	85%	850	72.25	93.50	59.50	42.50	28.90
99	Monterey Peninsula Eng		Vacuum Trailer		4DW3194	1,000	85%	850	72.25	93.50	59.50	42.50	28.90
99	Monterey Peninsula Eng	Ford	F550		5U77933	-	85%	-	-	-	-	-	-
99	Monterey Peninsula Eng	GMC	Bobtail		7Y97500	-	85%	-	-	-	-	-	-
99	Monterey Peninsula Eng	GMC	Bobtail		7Y97296	-	85%	-	-	-	-	-	-
100	Jewell's Pumping	Hino	2016	338	60749R1	2,500	85%	2,125	180.63	233.75	148.75	106.25	72.25
101	NorCal Portable Services	Hino	2011		0041F1	1,000	85%	850	72.25	93.50	59.50	42.50	28.90
102	Encore Oils, LLC DBA SeQuential	Freightlnr Tractor	2008		YA1F648		85%	-	-	-	-	-	-
103	America Portable Restrooms	ISUZU NPR	2006		3V14904	1,070	85%	910	77.31	100.05	63.67	45.48	30.92
103	America Portable Restrooms	Dodge PK	2016		40332D2	1,388	85%	1,180	100.28	129.78	82.59	58.99	40.11

Overhead Calculations

Table A-1
MRWPCA Overhead Calculations
2016/17 Budget & Overhead Allocation

Dept #	Department Title	16/17 Approved Budget	16/17 Approved Salaries & Benefits
TOTAL BUDGET 2016/17		*Primary Operating Departments (Excluding Reclamation)*	
10	Administration	$1,188,446	$558,646
11	Human Resources	412,388	279,018
12	Customer Service	909,018	239,877
13	Finance	1,045,627	863,407
14	Engineering Services	990,120	624,553
15	Information Services	422,827	308,544
16	Safety	304,735	182,235
20	Boad of Directors	56,000	0
25	Environmental Services	1,222,904	1,069,527
30	RTP Administration	388,045	330,095
32	Field Maintenance	3,295,264	682,414
35	Plant Maintenance	2,291,683	1,392,883
37	Cogen	1,029,468	337,268
39	Utilities Services	847,866	575,256
40	Operations	3,993,502	2,713,562
Total		18,397,893	10,157,285
OVERHEAD DEPARTMENTS			
10	Administration	1,188,446	558,646
11	Human Resources	412,388	279,018
13	Finance	1,045,627	863,407
15	Information Services	422,827	308,544
16	Safety	304,735	182,235
30	RTP Administration	388,045	330,095
Subtotal		3,762,068	2,521,945
NON-OVERHEAD DEPARTMENTS			
12	Customer Service	909,018	239,877
14	Engineering Services	990,120	624,553
20	Board of Directors	56,000	0
25	Environmental Services	1,222,904	1,069,527
32	Field Maintenance	3,295,264	682,414
35	Plant Maintenance	2,291,683	1,392,883
37	Cogen	1,029,468	337,268
39	Utilities Services	847,866	575,256
40	Operations	3,993,502	2,713,562
Subtotal		14,635,825	7,635,340

Table A-2
MRWPCA Overhead Calculations
Expenses Included for Overhead Cost Recovery

Overhead Departments Total	$3,762,068
Less Costs Excluded from Overhead Cost Recovery*	
WRA Cost Allocation Included in Overhead Depts	426,000
Estimated Amount Allocable to MRSWMP	88,000
Reclamation General Insurance	115,000
Community Relations	31,500
Subtotal	660,500
Net Overhead Cost Allocation	3,101,568

* These costs are either ineligible for cost recovery or are recovered from other sources.

Table A-3
MRWPCA Overhead Calculations
Overhead Cost Recovery Alternatives

A) Overhead as a % of Total Budget	
Net Overhead Cost Allocation	$3,101,568
Total MRWPCA Budget (Excluding Reclamation)	18,397,893
Net Overhead Allocation / Total MRWPCA Budget	**16.9%**
B) Overhead as a % of Non-Overhead Budget	
Net Overhead Allocation	$3,101,568
Non-Overhead MRWPCA Budget	14,635,825
Net Overhead Allocation / Non-Overhead MRWPCA Budget	**21.2%**
C) Overhead as a % of Total Salaries & Benefits	
Net Overhead Allocation	$3,101,568
Total MRWPCA Salaries & Benefits (Excluding Reclamation)	10,157,285
Net Overhead Allocation / Non-Overhead Salaries & Benefits	**30.5%**
D) Overhead as a % of Non-Overhead Salaries & Benefits	
Net Overhead Allocation	$3,101,568
Non-Overhead MRWPCA Salaries & Benefits	7,635,340
Net Overhead Allocation / Non-Overhead Salaries & Benefits	**40.6%**
Overhead % Allocation Used in Fee Updates (Rounded)	**16.9%**

Billable Rates by Position

Table B-1

MRWPCA Fee Updates

Hourly Billable Rate by Position

Note: gray shaded cell indicate average of multiple positions, and color cells indicate positions spread among different departments.

		2017/18 Wages & Benefits				Pension Oblig Bonds $842,830 x % of Wages	PERS Flat Rate 3-Yr Proj Avg $1,225,000 x % of Wages	Total	Total Annual Hours	16/17 Avg Paid Leave Accr Hours 18,657	Net Billable Hours	Net Hourly Billable Rate	**Average Billable Rate by Position**
		2017/18 Wages	% of Ttl Wages	2017/18 Benefits	2017/18 Subtotal								
1001/001	GENERAL MANAGER	$230,544	2.650%	$98,405	$328,949	$22,334	$32,462	$383,745	2,080	(236)	1,844	$208.12	**$208.12**
1016/002	STORM WATER PROGRAM MANAGER	99,590	1.145%	39,463	139,052	9,648	14,023	162,723	2,080	(236)	1,844	88.25	**88.25**
1018/001	EXEC ASSIST/CLERK TO THE BOARD	107,641	1.237%	55,050	162,691	10,428	15,156	188,276	2,080	(236)	1,844	102.11	**102.11**
1101/002	HUMAN RESOURCES TECHNICIAN	70,794	0.814%	20,590	91,385	6,858	9,968	108,211	2,080	(236)	1,844	58.69	**58.69**
1314/004	ADMIN SUPPORT SPECIALIST I	64,272	0.739%	19,828	84,100	6,226	9,050	99,376	2,080	(236)	1,844	53.90	**53.55** a
1314/003	ADMIN SUPPORT SPECIALIST I	62,593	0.719%	20,595	83,188	6,064	8,813	98,066	2,080	(236)	1,844	53.19	**53.55** a
1333/001	HUMAN RESOURCES ADMINISTRATOR	123,948	1.425%	59,322	183,271	12,008	17,452	212,731	2,080	(236)	1,844	115.37	**115.37**
1310/001	CUSTOMER SERVICE SUPERVISOR	123,886	1.424%	62,108	185,994	12,002	17,444	215,439	2,080	(236)	1,844	116.84	**116.84**
1311/001	CUSTOMER SERVICE REP II	82,181	0.945%	35,017	117,198	7,961	11,571	136,730	2,080	(236)	1,844	74.16	**77.57** a
1312/001	CUSTOMER SERVICE REP II	82,181	0.945%	47,578	129,759	7,961	11,571	149,292	2,080	(236)	1,844	80.97	**77.57** a
1313/001	CUSTOMER SERVICE REP I	73,043	0.840%	43,893	116,937	7,076	10,285	134,298	2,080	(236)	1,844	72.84	**72.84**
1315/001	SENIOR CUSTOMER SERVICE REP	92,880	1.068%	36,731	129,611	8,998	13,078	151,687	2,080	(236)	1,844	82.27	**82.27**
1305/001	ACCOUNTING SUPERVISOR	120,434	1.384%	32,227	152,661	11,667	16,958	181,286	2,080	(236)	1,844	98.32	**98.32**
1306/003	ACCOUNTANT	105,110	1.208%	42,466	147,577	10,183	14,800	172,560	2,080	(236)	1,844	93.59	**93.59**
1308/001	PROCUREMENT SPECIALIST	83,476	0.959%	47,730	131,206	8,087	11,754	151,047	2,080	(236)	1,844	81.92	**81.92**
1309/001	ACCOUNTING TECHNICIAN	87,407	1.005%	23,870	111,277	8,468	12,307	132,052	2,080	(236)	1,844	71.62	**71.62**
1317/001	ACCOUNTING ASSISTANT	64,387	0.740%	19,686	84,073	6,238	9,066	99,377	2,080	(236)	1,844	53.90	**53.90**
1338/002	CHIEF FINANCIAL OFFICER	176,336	2.027%	53,804	230,140	17,083	24,829	272,051	2,080	(236)	1,844	147.55	**147.55**
1401/001	ENGINEERING MANAGER	179,383	2.062%	71,087	250,469	17,378	25,258	293,105	2,080	(236)	1,844	158.97	**158.97**
4037/001	ASSOCIATE ENGINEER	147,638	1.697%	49,911	197,549	14,303	20,788	232,640	2,080	(236)	1,844	126.17	**123.10** a
4037/003	ASSOCIATE ENGINEER	144,393	1.660%	42,561	186,954	13,988	20,331	221,273	2,080	(236)	1,844	120.01	**123.10** a
4037/004	ASSOCIATE ENGINEER	139,830	1.607%	53,949	193,778	13,546	19,689	227,013	2,080	(236)	1,844	123.12	**123.10** a
4050/001	PREVENTATIVE MAINTENANCE COORDINATOR	128,308	1.475%	37,299	165,607	12,430	18,066	196,104	2,080	(236)	1,844	106.36	**106.36**
1004/001	INFORMATION SYS ADMINISTRATOR	138,243	1.589%	56,699	194,942	13,393	19,465	227,800	2,080	(236)	1,844	123.55	**123.55**
1502/001	I T TECHNICIAN II	84,290	0.969%	43,352	127,643	8,166	11,868	147,677	2,080	(236)	1,844	80.09	**80.09**
3002/001	SAFETY OFFICER	127,849	1.470%	50,508	178,357	12,386	18,002	208,744	2,080	(236)	1,844	113.21	**113.21**
2502/001	SOURCE CONTROL SUPERVISOR	142,617	1.639%	45,909	188,526	13,816	20,081	222,423	2,080	(236)	1,844	120.63	**120.63**
2504/001	SOURCE CONTROL INSPECTOR II	104,579	1.202%	54,299	158,878	10,131	14,725	183,735	2,080	(236)	1,844	99.65	**100.66** a
2504/002	SOURCE CONTROL INSPECTOR II	104,579	1.202%	58,023	162,602	10,131	14,725	187,458	2,080	(236)	1,844	101.67	**100.66** a
2509/001	LABORATORY SUPERVISOR	130,713	1.502%	56,174	186,887	12,663	18,405	217,956	2,080	(236)	1,844	118.21	**118.21**
2510/001	LAB ANALYST II	66,279	0.762%	21,177	87,456	6,421	9,332	103,209	1,414	(161)	1,254	82.32	**80.38** b
2510/001	LAB ANALYST II	15,595	0.179%	4,983	20,578	1,511	2,196	24,284	333	(38)	295	82.32	
2510/001	LAB ANALYST II	15,595	0.179%	4,983	20,578	1,511	2,196	24,285	333	(38)	295	82.32	
2510/002	LAB ANALYST II	64,696	0.744%	18,268	82,964	6,267	9,109	98,341	1,414	(161)	1,254	78.43	**80.38** b
2510/002	LAB ANALYST II	15,222	0.175%	4,298	19,520	1,475	2,143	23,139	333	(38)	295	78.43	
2510/002	LAB ANALYST II	15,222	0.175%	4,299	19,521	1,475	2,143	23,139	333	(38)	295	78.43	
2520/002	TEMPORARY LAB TECHNICIAN	54,557	0.627%	41,090	95,648	5,285	7,682	108,615	2,080	(236)	1,844	58.91	**58.91**
5004/001	SENIOR LAB ANALYST	79,567	0.915%	34,724	114,291	7,708	11,203	133,203	1,331	(151)	1,180	112.88	**112.88** b
5004/001	SENIOR LAB ANALYST	22,378	0.257%	9,766	32,144	2,168	3,151	37,463	374	(43)	332	112.88	
5004/001	SENIOR LAB ANALYST	22,378	0.257%	9,766	32,144	2,168	3,151	37,463	374	(43)	332	112.88	
3001/001	ASSISTANT GENERAL MANAGER	187,020	2.150%	64,111	251,131	18,118	26,333	295,582	2,080	(236)	1,844	160.31	**160.31**
3206/001	MAINTENANCE MECHANIC I	80,042	0.920%	45,192	125,234	7,754	11,270	144,259	2,080	(236)	1,844	78.24	**81.19** a
3210/001	FIELD MAINTENANCE SUPERVISOR	140,680	1.617%	61,751	202,431	13,629	19,808	235,868	2,080	(236)	1,844	127.92	**127.92**
3701/003	COGEN MECHANIC II	52,449	0.603%	29,075	81,524	5,081	7,385	93,990	1,040	(118)	922	101.95	**101.95** b
3701/003	COGEN MECHANIC II	52,449	0.603%	29,077	81,525	5,081	7,385	93,992	1,040	(118)	922	101.95	
3701/001	COGEN MECHANIC II	104,898	1.206%	32,861	137,759	10,162	14,770	162,691	2,080	(236)	1,844	88.24	**88.24**
3703/001	MAINTENANCE MECHANIC I	79,148	0.910%	47,299	126,447	7,668	11,144	145,259	2,080	(236)	1,844	78.78	**81.19** a

Table B-1

MRWPCA Fee Updates

Hourly Billable Rate by Position

Note: gray shaded cell indicate average of multiple positions, and color cells indicate positions spread among different departments.

		2017/18 Wages & Benefits: 2017/18 Wages	2017/18 Wages & Benefits: % of Ttl Wages	2017/18 Wages & Benefits: 2017/18 Benefits	2017/18 Wages & Benefits: 2017/18 Subtotal	Pension Oblig Bonds $842,830 x % of Wages	PERS Flat Rate 3-Yr Proj Avg $1,225,000 x % of Wages	Total	Total Annual Hours	16/17 Avg Paid Leave Accr Hours 18,657	Net Billable Hours	Net Hourly Billable Rate	Average Billable Rate by Position
4027/002	MAINTENANCE MECHANIC I	89,726	1.031%	52,106	141,832	8,692	12,634	163,159	2,080	(236)	1,844	88.49	**81.19** a
4027/003	MAINTENANCE MECHANIC I	85,537	0.983%	24,409	109,946	8,287	12,044	130,276	2,080	(236)	1,844	70.66	**81.19** a
3204/002	MAINTENANCE MECHANIC II	98,923	1.137%	53,273	152,196	9,583	13,929	175,708	2,080	(236)	1,844	95.30	**94.81** a
3204/003	MAINTENANCE MECHANIC II	99,981	1.149%	39,376	139,357	9,686	14,078	163,121	2,080	(236)	1,844	88.47	**94.81** a
3208/001	MAINTENANCE MANAGER	164,091	1.886%	59,719	223,811	15,897	23,105	262,812	2,080	(236)	1,844	142.54	**142.54**
3501/001	GROUNDSKEEPER	52,583	0.604%	40,895	93,478	5,094	7,404	105,976	2,080	(236)	1,844	57.48	**57.48**
4020/001	PLANT MAINTENANCE SUPERVISOR	140,680	1.617%	57,571	198,251	13,629	19,808	231,688	2,080	(236)	1,844	125.66	**125.66**
4026/003	MAINTENANCE MECHANIC II	106,466	1.224%	53,826	160,292	10,314	14,991	185,597	2,080	(236)	1,844	100.66	**94.81** a
4027/001	MAINTENANCE MECHANIC I	89,726	1.031%	54,455	144,181	8,692	12,634	165,507	2,080	(236)	1,844	89.76	**81.19** a
4029/001	INDUSTRIAL PAINTER/PAINT INSP	102,410	1.177%	45,151	147,560	9,921	14,420	171,901	2,080	(236)	1,844	93.23	**93.23**
4034/002	PREVENTATIVE MAINTENANCE MECHANIC	77,509	0.891%	49,077	126,585	7,509	10,914	145,008	2,080	(236)	1,844	78.64	**78.64**
4060/001	STOREROOM CLERK	73,497	0.845%	26,774	100,270	7,120	10,349	117,739	2,080	(236)	1,844	63.86	**63.86**
0401/001	ELECTRICIAN/INSTR. TECH I	89,115	1.024%	24,888	114,003	8,633	12,548	135,184	2,080	(236)	1,844	73.32	**73.32**
3901/002	UTILITIES SUPERVISOR	130,713	1.502%	63,789	194,502	12,663	18,405	225,570	2,080	(236)	1,844	122.34	**122.34**
4021/001	SR ELECTRICIAN/INSTR TECH	118,545	1.363%	41,027	159,572	11,484	16,692	187,748	2,080	(236)	1,844	101.82	**101.82**
4022/002	ELECTRICIAN/INSTR TECH II	104,898	1.206%	48,484	153,382	10,162	14,770	178,314	2,080	(236)	1,844	96.71	**96.71**
4002/001	OPERATIONS MANAGER	164,793	1.894%	47,286	212,079	15,965	23,204	251,247	2,080	(236)	1,844	136.26	**136.26**
4010/001	OPERATOR III	104,898	1.206%	32,878	137,775	10,162	14,770	162,707	2,080	(236)	1,844	88.24	**98.68** a
4010/002	OPERATOR III	104,898	1.206%	49,885	154,783	10,162	14,770	179,715	2,080	(236)	1,844	97.47	**98.68** a
4010/003	OPERATOR III	104,898	1.206%	52,892	157,789	10,162	14,770	182,721	2,080	(236)	1,844	99.10	**98.68** a
4010/004	OPERATOR III	104,898	1.206%	61,885	166,782	10,162	14,770	191,714	2,080	(236)	1,844	103.98	**98.68** a
4010/005	OPERATOR III	107,520	1.236%	54,922	162,442	10,416	15,139	187,997	2,080	(236)	1,844	101.96	**98.68** a
4010/006	OPERATOR III	104,898	1.206%	49,885	154,783	10,162	14,770	179,715	2,080	(236)	1,844	97.47	**98.68** a
4010/007	OPERATOR III	90,440	1.040%	48,511	138,951	8,762	12,734	160,447	2,080	(236)	1,844	87.02	**98.68** a
4011/002	OPERATOR II	78,278	0.900%	44,338	122,617	7,583	11,022	141,222	2,080	(236)	1,844	76.59	**76.59**
4012/003	OPERATOR I	82,181	0.945%	24,333	106,514	7,961	11,571	126,047	2,080	(236)	1,844	68.36	**68.36**
4012/004	SENIOR OPERATOR	127,997	1.471%	36,239	164,236	12,400	18,022	194,658	2,080	(236)	1,844	105.57	**105.57**
4016/001	OPERATOR III-GR V & SS W/E DAY	115,650	1.329%	55,852	171,502	11,204	16,284	198,990	2,080	(236)	1,844	107.92	**98.68** a
4019/001	OPERATOR III - W/E DAYS	115,650	1.329%	47,617	163,267	11,204	16,284	190,755	2,080	(236)	1,844	103.46	**98.68** a
4043/002	OPERATIONS SUPERVISOR W/GR V	129,577	1.489%	66,764	196,341	12,553	18,245	227,139	2,080	(236)	1,844	123.19	**123.19**
4043/006	SENIOR OPERATOR	127,997	1.471%	36,239	164,236	12,400	18,022	194,658	2,080	(236)	1,844	105.57	**105.57**
4049/002	OPERATOR III W/GR V	112,896	1.298%	55,154	168,050	10,937	15,896	194,883	2,080	(236)	1,844	105.69	**98.68** a
4049/003	OPERATOR III W/GR V	106,123	1.220%	40,669	146,793	10,281	14,943	172,016	2,080	(236)	1,844	93.29	**98.68** a
4053/001	OPERATOR III - SS SWG W/GR V	118,545	1.363%	43,917	162,463	11,484	16,692	190,638	2,080	(236)	1,844	103.39	**98.68** a
5501/002	DISTRIBUTION MECHANIC II	95,956	1.103%	54,497	150,453	9,296	13,511	173,260	2,018	(229)	1,789	96.87	**96.87** b
5501/002	DISTRIBUTION MECHANIC II	2,968	0.034%	1,686	4,653	288	418	5,359	62	(7)	55	96.88	
5506/001	SENIOR DISTRIBUTION MECHANIC	106,462	1.224%	45,711	152,173	10,314	14,990	177,477	2,018	(229)	1,789	99.23	**99.23** b
5506/001	SENIOR DISTRIBUTION MECHANIC	3,293	0.038%	1,414	4,706	319	464	5,489	62	(7)	55	99.23	
4035/001	PRINCIPAL ENGINEER	175,182	2.014%	48,689	223,871	16,971	24,666	265,508	2,080	(236)	1,844	144.00	**144.00**
5801/001	GOVERNMENT AFFAIRS ADMINISTRAT	130,713	1.502%	31,546	162,260	12,663	18,405	193,328	2,080	(236)	1,844	104.85	**104.85**
5804/001	CONTRACTS ADMINISTRATOR	67,617	0.777%	41,066	108,684	6,551	9,521	124,755	2,080	(236)	1,844	67.66	**67.66**
TOTAL		**8,700,029**		**3,649,547**	**4,116,525**	**842,830**	**1,225,000**	**14,417,406**	**164,320**	**(18,657)**	**145,663**		**98.98**

a Represents average billable rate for positions with multiple staff per position.

b Represents average billable rate for positions split between different departments.

Liquid Waste Hauler Facility Cost Recovery

Table C-1
MRWPCA Fee Updates
Liquid Waste Hauler Facility Cost Recovery

	ENR-Adjusted Facility Cost (Jan-2017 10531.68)	Facility Cost Recovery %	Facility Cost Recovery $	Weighted Life (Years)	Annual Cost ($/Life)
Liquid Waste/Septage					
Digester Control Building	$7,689,281	6%	$461,357	20.8	$22,181
Digester Electrical Building	333,945	6%	20,037	20.5	977
Digesters	499,703	6%	29,982	19.2	1,562
Headworks	4,111,546	25% x 2/3	685,258	49.1	13,956
Headworks Bypass	1,092,489	25% x 2/3	182,081	40.0	4,552
Screw Press Building	7,284,139	6%	437,048	31.5	13,875
Anaerobic Digester #1	398,556	6%	23,913	19.0	1,259
Anaerobic Digester #2	2,828,177	6%	169,691	28.0	6,060
Anaerobic Digester #3	3,865,511	6%	231,931	25.7	9,025
Anaerobic Digester #4	4,200,937	6%	252,056	25.2	10,002
Anaerobic Digester #1	2,848,188	6%	170,891	27.9	6,125
Drying Beds	11,276,083	6%	676,565	45.0	15,035
Truck Scale	12,439	60%	7,463	13.6	549
Liquid Waste Receiving	257,760	66.7%	171,840	13.1	13,118
Total Annual Cost Recovery					118,275
Grease					
Digester Control Building	7,689,281	4%	307,571	20.8	14,787
Digester Electrical Building	333,945	4%	13,358	20.5	652
Digesters	499,703	4%	19,988	19.2	1,041
Headworks	4,111,546	25% x 1/3	342,629	49.1	6,978
Headworks Bypass	1,092,489	25% x 1/3	91,041	40.0	2,276
Screw Press Building	7,284,139	4%	291,366	31.5	9,250
Anaerobic Digester #1	398,556	4%	15,942	19.0	839
Anaerobic Digester #2	2,828,177	4%	113,127	28.0	4,040
Anaerobic Digester #3	3,865,511	4%	154,620	25.7	6,016
Anaerobic Digester #4	4,200,937	4%	168,037	25.2	6,668
Anaerobic Digester #1	2,848,188	4%	113,928	27.9	4,083
Drying Beds	11,276,083	4%	451,043	45.0	10,023
Truck Scale	12,439	30%	3,732	13.6	274
Liquid Waste Receiving	257,760	33.3%	85,920	13.1	6,559
Total Annual Cost Recovery					73,487
Biocell					
Drying Beds	11,276,083	5%	563,804	45.0	12,529
Truck Scale	12,439	3%	373	13.6	27
Total Annual Cost Recovery					12,556
Special					
Drying Beds	11,276,083	2.5%	281,902	45.0	6,264
Truck Scale	12,439	3%	373	13.6	27
Total Annual Cost Recovery					6,292
Brine					
Brine Pond Improvements	237,260	100%	237,260	15.5	15,307
Drying Beds	11,276,083	2.5%	281,902	20.0	14,095
Truck Scale	12,439	4%	498	13.6	37
Total Annual Cost Recovery					29,439

Table C-2
MRWPCA Fee Updates
Weighted Life of Assets

Facility	Location Code 2	Sum of ENR-Adj Cost	ENR-Adj Cost x Life of Each Asset	Weighted Avg Life
Digester Control Building	80070	7,689,281	159,725,133	20.8
Digester Electrical Building	80071	333,945	6,862,129	20.5
Digesters	80072	499,703	9,603,122	19.2
Headworks	80100	4,111,546	201,854,921	49.1
Headworks Bypass	80101	1,092,489	43,699,554	40.0
Screw Press Building	80118	7,284,139	229,232,219	31.5
Anaerobic Digester #1	80203	398,556	7,557,018	19.0
Anaerobic Digester #2	80211	2,828,177	79,229,455	28.0
Anaerobic Digester #3	80212	3,865,511	99,352,586	25.7
Anaerobic Digester #4	80213	4,200,937	106,014,576	25.2
Anaerobic Digester #1	80214	2,848,188	79,590,004	27.9
Drying Beds	80221	11,276,083	507,575,975	45.0
Truck Scale	80310	12,439	169,214	13.6
Liquid Waste Receiving	80315	257,760	3,367,396	13.1
Brine Pond Improvements	80075	237,260	3,669,895	15.5

Table C-3
MRWPCA Fee Updates
Data for Weighted Average Life of Facilities (Weighted by Cost)

Asset #	Description	Location 1	Location 2	Acquisition Year	Original Cost	Original Cost (w/ Adjusts)	ENR-Adjusted Cost	Useful Life	ENR-Adj Cost x Life
00514	DIGESTER CONTROL BUILDING, CLASS C,	80	80070	1990	561,870	561,870	1,250,515	30	37,515,438
00515	ROOFING	80	80070	1990	4,721	4,721	10,507	20	210,144
00516	ELECTRICAL	80	80070	1990	28,855	28,855	64,221	30	1,926,616
00517	POWER WIRING, ETC.	80	80070	1990	140,557	140,557	312,828	12	3,753,934
00518	PIPING	80	80070	1990	642,291	642,291	1,429,502	30	42,885,059
03304	INSTRUMENTATION ELECTRICAL, PANEL	80	80070	1990	133,839	133,839	297,876	12	3,574,513
03305	AREA 6, YARD MECHANICAL	80	80070	1990	567,884	567,884	1,263,900	12	15,166,794
03306	AREA 6, ELECTRICAL	80	80070	1990	71,957	71,957	160,150	12	1,921,796
03307	DIGESTER BLDG MECHANICAL	80	80070	1990	132,421	132,421	294,720	12	3,536,641
03308	DIGESTER EQUIPMENT	80	80070	1990	320,935	320,935	714,282	12	8,571,390
03309	DIGESTER EQUIPMENT	80	80070	1990	311,142	311,142	692,487	12	8,309,843
03311	GAS ISOLATION VALUES	80	80070	1990	3,742	3,742	8,328	12	99,940
03312	UNDERGROUND PIPING	80	80070	1990	134,473	134,473	299,287	30	8,978,613
04028	CHOPPER PUMP - HORIZONTAL	80	80070	2002	10,973	10,973	17,676	10	176,758
04029	CHOPPER PUMP - HORIZONTAL	80	80070	2002	10,973	10,973	17,676	10	176,758
04031	FLYGT PUMP 4" - SLUDGE TO BELTPRESS	80	80070	2003	8,281	8,281	13,028	10	130,278
04117	100 HP DIGESTER SOFT START	80	80070	2004	3,480	3,480	5,151	10	51,513
04271	DIGESTER CONTROL BUILDING ROOFING	80	80070	2008	33,963	33,963	43,043	40	1,721,719
04322	GRIT PUMPING CONTROL PANEL	80	80070	2006	49,764	49,764	67,617	20	1,352,337
04323	CONTROL PANEL ALARM SYSTEM	80	80070	2006	10,580	10,580	14,376	10	143,757
04420	SPIRAL HEAT EXCHANGER FOR DIGESTER HOT WATER	80	80070	2011	45,448	45,448	52,772	20	1,055,435
04421	SPIRAL HEAT EXCHANGER FOR DIGESTER HOT WATER	80	80070	2011	45,448	45,448	52,772	20	1,055,436
04422	SPIRAL HEAT EXCHANGER FOR DIGESTER HOT WATER	80	80070	2011	45,448	45,448	52,772	20	1,055,436
04423	SPIRAL HEAT EXCHANGER FOR DIGESTER HOT WATER	80	80070	2011	45,448	45,448	52,772	20	1,055,436
04424	DIGESTER HOT WATER PIPE LOOP (PIPING)	80	80070	2011	391,793	391,793	454,932	30	13,647,966
04596	DIGESTER BUILDING PUMP BASE REPLACEMENT	80	80070	2012	8,898	8,898	10,068	40	402,706
04597	DIGESTER BUILDING PUMP BASE REPLACEMENT	80	80070	2012	8,898	8,898	10,068	40	402,707
04598	DIGESTER BUILDING PUMP BASE REPLACEMENT	80	80070	2012	8,898	8,898	10,068	40	402,707

Table C-3
MRWPCA Fee Updates
Data for Weighted Average Life of Facilities (Weighted by Cost)

Asset #	Description	Location 1	Location 2	Acquisition Year	Original Cost	Original Cost (w/ Adjusts)	ENR-Adjusted Cost	Useful Life	ENR-Adj Cost x Life
04599	DIGESTER BUILDING PUMP BASE REPLACEMENT	80	80070	2012	8,898	8,898	10,068	40	402,707
04789	DIGESTER MIXING PUMP SOFT START	80	80070	2015	5,548	5,548	5,823	7	40,759
00519	DIGESTER ELECTRICAL BUILDING,	80	80071	1990	24,610	24,610	54,773	30	1,643,182
00520	ROOFING	80	80071	1990	432	432	961	20	19,229
00521	ELECTRICAL	80	80071	1990	1,943	1,943	4,324	12	51,893
00522	POWER WIRING, ETC.	80	80071	1990	15,830	15,830	35,232	12	422,781
04697	DIGESTER NO. 2 PIPING/ELECTRICAL	80	80071	2014	217,736	217,736	233,850	20	4,676,992
04755	15HP VFD FOR SCREW PRESS (1 OF 2)	80	80071	2015	2,289	2,289	2,403	10	24,026
04756	15HP VFD FOR SCREW PRESS (2 OF 2)	80	80071	2015	2,289	2,289	2,403	10	24,026
04612	FALL PROTECTION FOR DIGESTERS	80	80072	2012	4,584	4,584	5,187	10	51,868
04694	DIGESTER PLUNGER PUMP	80	80072	2014	435,473	435,473	467,699	20	9,353,984
04764	SCREW PRESS FEED PUMP (BARE PUMP SPARE)	80	80072	2015	12,041	12,041	12,637	10	126,367
04782	CONDENSATE AND SEDIMENT TRAP	80	80072	2014	13,203	13,203	14,181	5	70,903
04192	6" ELECTROMAGNETIC FLOWMETER	80	80075	2006	2,801	2,801	3,806	10	38,058
04195	4" ELECTROMAGNETIC FLOWMETER	80	80075	2006	2,412	2,412	3,277	10	32,770
04212	ISCO REFRIGERATED SAMPLER	80	80075	2006	5,468	5,468	7,429	10	74,294
04330	BRINE POND MODIFICATION	80	80075	2008	102,695	102,695	130,150	20	2,603,000
04331	BRINE POND FENCE	80	80075	2004	6,760	6,760	10,006	15	150,093
04748	PH SENSOR WITH CONTROLLER	80	80075	2014	3,492	3,492	3,751	5	18,753
04813	BRINE POND CPEN/CLOSE ACTUATOR (1 OF 2)	80	80075	2015	25,962	25,962	27,247	10	272,473
04814	BRINE POND ACTUATOR (2 OF 2)	80	80075	2015	22,116	22,116	23,211	10	232,106
04815	PROMAG FLOW METER FOR BRINE	80	80075	2015	15,024	15,024	15,768	10	157,681
04816	MAGNETIC FLOW METER FOR BRINE	80	80075	2015	6,761	6,761	7,096	5	35,478
04817	REMOTE I/O PANEL (BRINE)	80	80075	2015	5,259	5,259	5,519	10	55,188
00537	HEADWORKS BUILDNG, CLASS B, 9398	80	80100	1990	1,729,341	1,729,341	3,848,873	50	192,443,639
04076	HORIZONTAL CHOPPER PUMP W/ EC-2 CUTTER	80	80100	2004	12,337	12,337	18,261	10	182,611
04077	HORIZONTAL CHOPPER PUMP W/ EC-2 CUTTER	80	80100	2004	12,337	12,337	18,261	10	182,611
04272	HEADWORKS BUILDING ROOFING	80	80100	2008	178,444	178,444	226,151	40	9,046,060
03466	HEADWORKS BYPASS EXCAVATION AND	80	80101	1994	560,991	560,991	1,092,489	40	43,699,554
04350	SCREW PRESS BUILDING	80	80118	2008	3,829,686	3,829,686	4,853,554	40	194,142,151

Table C-3
MRWPCA Fee Updates
Data for Weighted Average Life of Facilities (Weighted by Cost)

Asset #	Description	Location 1	Location 2	Acquisition Year	Original Cost	Original Cost (w/ Adjusts)	ENR-Adjusted Cost	Useful Life	ENR-Adj Cost x Life
04351	BIOSOLIDS DEWATERING SCREW PRESS	80	80118	2008	781,352	781,352	990,247	15	14,853,698
04352	BIOSOLIDS DEWATERING SCREW PRESS	80	80118	2008	781,352	781,352	990,247	15	14,853,698
04353	POLYMER BLEND UNIT FOR SCREW PRESS	80	80118	2008	12,741	12,741	16,148	5	80,738
04354	POLYMER BLEND UNIT FOR SCREW PRESS	80	80118	2008	12,741	12,741	16,148	5	80,738
04355	POLYMER BLEND UNIT FOR SCREW PRESS	80	80118	2008	12,741	12,741	16,148	5	80,739
04358	SLUDGE METERING PUMP FOR SCREW PRESS (3 OF 7)	80	80118	2008	13,659	13,659	17,311	5	86,554
04359	SLUDGE FEEDING PUMP FOR SCREW PRESS	80	80118	2008	24,357	24,357	30,868	10	308,684
04360	SLUDGE FEEDING PUMP FOR SCREW PRESS	80	80118	2008	24,357	24,357	30,868	10	308,684
04361	POLYMER TANK FOR SCREW PRESS	80	80118	2008	50,458	50,458	63,948	15	959,222
04362	POLYMER STORAGE MIXER FOR SCREW PRESS	80	80118	2008	30,000	30,000	38,021	10	380,209
04363	SCADA PROGRAMMING - FOR SCREW PRESS	80	80118	2008	48,983	48,983	62,078	5	310,392
04403	SCREW PRESS LEVEL TRANSMITTER	80	80118	2010	3,651	3,651	4,369	10	43,694
04470	SLUDGE METERING PUMP - SCREW PRESS (4 OF 7)	80	80118	2010	15,063	15,063	18,029	5	90,146
04475	SLUDGE METERING PUMP - SCREW PRESS (5 OF 7)	80	80118	2011	15,815	15,815	18,364	5	91,820
04553	SCREW PRESS SAMPLING & MONITORING MANHOLE	80	80118	2012	42,501	42,501	48,089	40	1,923,547
04561	SCREW PRESS SAMPLING/MONITORING FLOW METER (6 OF 7)	80	80118	2011	2,586	2,586	3,003	3	9,009
04562	REFRIGERATED SAMPLER	80	80118	2011	5,631	5,631	6,539	15	98,083
04620	SCREW PRESS SLUDGE METERING PUMP (SPARE)	80	80118	2012	16,459	16,459	18,622	10	186,224
04677	SCREW PRESS #1 PROMAG FLOW METER (7 OF 7)	80	80118	2013	4,262	4,262	4,702	5	23,508
04750	7.5HP VFD FOR SCREW PRESS METERING PUMP	80	80118	2014	1,700	1,700	1,826	10	18,263
04751	7.5HP VFD FOR SCREW PRESS METERING PUMP	80	80118	2014	1,700	1,700	1,826	10	18,263
04752	7.5HP VFD FOR SCREW PRESS METERING PUMP	80	80118	2015	1,700	1,700	1,785	10	17,846
04753	7.5HP VFD FOR SCREW PRESS FEEDING PUMP	80	80118	2015	1,700	1,700	1,785	10	17,846

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Data for Weighted Average Life of Facilities (Weighted by Cost)

Asset #	Description	Location 1	Location 2	Acquisition Year	Original Cost	Original Cost (w/ Adjusts)	ENR-Adjusted Cost	Useful Life	ENR-Adj Cost x Life
04754	7.5HP VFD FOR SCREW PRESS FEEDING PUMP	80	80118	2015	1,700	1,700	1,785	10	17,846
04783	SCREW PRESS HYDRO-FLOW UNIT	80	80118	2015	20,027	20,027	21,018	10	210,178
04836	VOIP PAGING SYSTEM SWITCH	80	80118	2015	6,491	6,491	6,813	3	20,438
04345	MOYNO SLUDGE PUMP FOR DAFT THICKENER#3	80	80203	2009	92,279	92,279	113,401	20	2,268,029
04722	SLUDGE THICKENER ASPIRATING PUMP #3	80	80203	2014	172,007	172,007	184,736	20	3,694,714
04723	THROTTLING VALVE	80	80203	2014	56,871	56,871	61,080	10	610,799
04799	HANDRAIL & PLATFORM MODIFICATION	80	80203	2015	18,742	18,742	19,670	25	491,738
04800	HANDRAIL & PLATFORM MODIFICATION	80	80203	2015	18,742	18,742	19,670	25	491,738
00635	ANEROBIC DIGESTER #1, CLASS B,	80	80211	1990	1,076,243	1,076,243	2,395,318	30	71,859,553
00636	ELECTRICAL BUILDING	80	80211	1990	1,799	1,799	4,004	30	120,117
00637	POWER WIRING, ETC.	80	80211	1990	12,592	12,592	28,025	12	336,302
00638	PIPING	80	80211	1990	44,843	44,843	99,804	30	2,994,117
00640	DIGESTER EQUIPMENT	80	80211	1990	118,009	118,009	262,644	12	3,151,732
03433	GAS COMPRESSOR/VACUUM PUMP	80	80211	1996	20,482	20,482	38,382	20	767,633
00641	ANEROBIC DIGESTER #2, CLASS B,	80	80212	1990	1,076,246	1,076,246	2,395,325	30	71,859,754
00642	ELECTRICAL BUILDING	80	80212	1990	1,799	1,799	4,004	30	120,117
00643	POWER WIRING, ETC.	80	80212	1990	12,592	12,592	28,025	12	336,302
00644	PIPING	80	80212	1990	44,843	44,843	99,804	30	2,994,117
00646	DIGESTER EQUIPMENT	80	80212	1990	118,009	118,009	262,644	12	3,151,732
04692	CHOPER PUMP - DIGESTER NO. 2	80	80212	2014	798,366	798,366	857,449	20	17,148,971
04695	DIGESTER SPRAYERS - DIGESTER NO. 2	80	80212	2014	145,158	145,158	155,900	20	3,117,995
04699	DIGESTER NO. 2 GAS DRIP TRAP	80	80212	2014	7,258	7,258	7,795	10	77,950
04701	DIGESTER NO. 2 SEDIMENT TRAP	80	80212	2014	7,258	7,258	7,795	10	77,950
04703	DIGESTER NO. 2 FLAME ARRESTOR	80	80212	2014	14,516	14,516	15,590	10	155,900
04706	DIGESTER NO. 2 3 WAY PORT VALVE	80	80212	2014	14,516	14,516	15,590	10	155,900
04709	DIGESTER NO.2 BACK PRESSURE CONTROL VALVES	80	80212	2014	7,258	7,258	7,795	10	77,950
04711	DIGESTER NO.2 GAS MANOMETER	80	80212	2014	7,258	7,258	7,795	10	77,950
00647	ANEROBIC DIGESTER #3, CLASS B,	80	80213	1990	1,088,470	1,088,470	2,422,531	30	72,675,937
00648	ELECTRICAL BUILDING	80	80213	1990	1,799	1,799	4,004	30	120,117
00649	POWER WIRING, ETC.	80	80213	1990	12,592	12,592	28,025	12	336,302
00650	PIPING	80	80213	1990	44,843	44,843	99,804	30	2,994,117

Table C-3
MRWPCA Fee Updates
Data for Weighted Average Life of Facilities (Weighted by Cost)

Asset #	Description	Location 1	Location 2	Acquisition Year	Original Cost	Original Cost (w/ Adjusts)	ENR-Adjusted Cost	Useful Life	ENR-Adj Cost x Life
00652	DIGESTER EQUIPMENT	80	80213	1990	118,009	118,009	262,644	12	3,151,732
00089	MUFFIN MONSTER W/3HP ELECTRIC	80	80213	1995	14,406	14,406	27,732	10	277,316
03434	GAS COMPRESSOR/VACUUM PUMP	80	80213	1996	20,482	20,482	38,382	20	767,634
03974	ROBICON VFD SLUDGE PUMP	80	80213	2002	5,126	5,126	8,258	15	123,865
04693	CHOPPER PUMP - DIGESTER NO. 3	80	80213	2014	798,366	798,366	857,449	20	17,148,971
04696	DIGESTER SPRAYERS - DIGESTER NO. 3	80	80213	2014	145,158	145,158	155,900	20	3,117,995
04698	DIGESTER NO. 3 PIPING/ELECTRICAL	80	80213	2014	217,736	217,736	233,850	20	4,676,992
04700	DIGESTER NO. 3 GAS DRIP TRAP	80	80213	2014	7,258	7,258	7,795	10	77,950
04702	DIGESTER NO. 3 SEDIMENT TRAP	80	80213	2014	7,258	7,258	7,795	10	77,950
04704	DIGESTER NO. 3 FLAME ARRESTOR	80	80213	2014	14,516	14,516	15,590	10	155,900
04707	DIGESTER NO.3 3 WAY PORT VALVE	80	80213	2014	14,516	14,516	15,590	10	155,900
04710	DIGESTER NO.3 BACK PRESSURE CONTROL VALVE	80	80213	2014	7,258	7,258	7,795	10	77,950
04712	DIGESTER NO.3 GAS MANOMETER	80	80213	2014	7,258	7,258	7,795	10	77,950
00653	ANEROBIC DIGESTER #4, CLASS B,	80	80214	1990	1,088,470	1,088,470	2,422,531	30	72,675,937
00654	ELECTRICAL BUILDING	80	80214	1990	1,799	1,799	4,004	30	120,117
00655	POWER WIRING, ETC.	80	80214	1990	12,592	12,592	28,025	12	336,302
00656	PIPING	80	80214	1990	44,843	44,843	99,804	30	2,994,117
00658	DIGESTER EQUIPMENT	80	80214	1990	118,009	118,009	262,644	12	3,151,732
04705	DIGESTER NO. 4 FLAME ARRESTOR	80	80214	2014	14,516	14,516	15,590	10	155,900
04708	DIGESTER NO.4 3 WAY PORT VALVE	80	80214	2014	14,516	14,516	15,590	10	155,900
00665	(4) DRYING BEDS, ASPHALT LINED,	80	80221	1990	4,215,357	4,215,357	9,381,824	50	469,091,198
00666	12' PIPE	80	80221	1990	8,635	8,635	19,218	20	384,366
00667	DRAIN ROCK AND PIPE	80	80221	1990	230,262	230,262	512,478	20	10,249,559
00668	(4) POLY TRENCH LINER	80	80221	1990	230,262	230,262	512,478	20	10,249,559
00669	SLUDGE LAGOON PUMPING SYSTEM	80	80221	1990	14,391	14,391	32,029	20	640,581
00670	(4) FABRIC FILTER	80	80221	1990	57,566	57,566	128,121	20	2,562,412
02883	GEAR OPERATORS FOR DRYING BEDS	80	80221	1993	9,010	9,010	18,213	15	273,197
04621	BROWN BEAR SLUDGE AUGER	80	80221	2012	450,523	450,523	509,752	15	7,646,273
04794	BIOCELL RECEIVING FACILITY	80	80221	2015	154,332	154,332	161,971	40	6,478,829
03364	DESK, DBL PEDESTAL	80	80310	1978	820	820	3,111	20	62,219
03366	CABINET, STORAGE WD	80	80310	1978	107	107	406	20	8,119
03368	CHAIR, FOLDING	80	80310	1989	14	14	32	20	639
03369	BENCH, WORK	80	80310	1982	108	108	297	20	5,947

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Asset #	Description	Location 1	Location 2	Acquisition Year	Original Cost	Original Cost (w/ Adjusts)	ENR-Adjusted Cost	Useful Life	ENR-Adj Cost x Life
03370	MISC. LOCKERS	80	80310	1989	279	279	637	20	12,734
03371	CALCULATOR, PRINT/DISPLAY	80	80310	1989	140	140	319	10	3,195
04896	DIGITAL SCALE CONTROLLER-GSE560	80	80310	2015	7,276	7,276	7,636	10	76,362
00047	FAIRBANKS 3950 SERIES HIGH SPEED	80	80315	2000	1,964	1,964	3,326	8	26,605
00049	2 YARD GALV STEEL SELF DUMPING	80	80315	2000	2,155	2,155	3,648	10	36,483
00087	MUFFIN MONSTER W/3 HP ELECTRIC	80	80315	1995	14,406	14,406	27,732	10	277,316
03968	WET WELL RECIRCULATING CHOPPER PUMP	80	80315	2002	16,981	16,981	27,353	15	410,296
04152	LIQ WASTE FAC CAMERA, MONITOR, CABLING	80	80315	2005	25,269	25,269	35,741	10	357,407
04153	LIQ WASTE NOZZLES, PLUG VALVES, PIPING	80	80315	2005	8,400	8,400	11,881	10	118,805
04154	LQ WORK STATION W/TRANSCEIVER UPS PWR	80	80315	2005	4,079	4,079	5,770	5	28,849
04401	SUBMERSIBLE PUMP	80	80315	2010	3,011	3,011	3,604	5	18,021
04402	SUBMERSIBLE PUMP	80	80315	2010	3,011	3,011	3,604	5	18,021
04778	LIQUID WASTE SUBMERSIBLE SUMP PUMP	80	80315	2014	4,029	4,029	4,328	10	43,275
04779	LIQUID WASTE SUBMERSIBLE SUMP PUMP	80	80315	2014	4,029	4,029	4,328	10	43,275
04795	LIQUID WASTE AREA PAVEMENT	80	80315	2015	102,888	102,888	107,980	15	1,619,707
04847	LIQUID WASTE BUILDING ROOF & GUTTER	80	80315	2015	17,596	17,596	18,467	20	369,338

Fee Update Worksheets

Table 1

Lien Filing Fee

Cost of Service Worksheet

Staff Position	Activity Description/ Service Provided	Hours	Hourly Rate	Subtotal	Overhead Allocation	Total
SENIOR CUSTOMER SERVICE REP	Lien list, Phone Calls, Duplicate bill printing, Packet Delivery, Release of Liens for Title Companies	65.25	$82.27	$5,368.12	16.9%	$6,275.33
CUSTOMER SERVICE REP I	Lien List, Phone Calls, Duplicate bill printing, Release of Liens for Title Companies, Printing Lindsay's Signature, Printing Instruction Sheets, Sorting Liens/Adding liens from previous	80	72.84	5,827.20	16.9%	5,827.20
CUSTOMER SERVICE SUPERVISOR	Lien List - Prep, Lien List - , Prep and send bill files, Enter Lien Payments, Balance to County, Release of Lien Printing, Phone Calls, Newspaper Notice, Process final lien, Reports, Board	174.5	116.84	20,388.58	16.9%	20,388.58
CUSTOMER SERVICE REP II	Lien list, Phone Calls, Duplicate bill printing, Release of Liens for Title Companies, Stuffing into Envelopes	46.5	77.565	3,606.77	16.9%	3,606.77
CUSTOMER SERVICE REP II	Lien List, Phone Calls, Duplicate bill printing, Release of Liens for Title Companies, Stuffing into Envelopes, Filing	74.5	77.565	5,778.59	16.9%	5,778.59
SUBTOTAL						41,876.47

Materials/Vehicles/Other	Description	Hours	Cost			Total
Newspaper Notice	Printing Hearald and Californian		$18,000.00			$18,000.00
Printing and Postage	Delinquent Notice Printing		6,266.55			6,266.55
County Fee	0.25% of Lien filing		2,160.00			2,160.00
Release Postage	0.49 per item		1,029.00			1,029.00
SUBTOTAL						27,455.55

Total Costs for Fee Recovery	**$69,332.02**
5-Year Average # of Liens	**2,337**
Lien Filing Fee	**$29.67**

Table 2

Return Item Fee

Cost of Service Worksheet

Staff Position	Activity Description/ Service Provided	Hours	Hourly Rate	Subtotal	Overhead Allocation	Total	Notes
CUSTOMER SERVICE REP I	Process returned payments	1.5	$72.84	$109.26	16.9%	$127.72	Monthly
CUSTOMER SERVICE REP II	Process ACH return payments	1.25	77.57	96.96	16.9%	113.34	Monthly
SENIOR CUSTOMER SVC REP	Pulls reports/checks work	0.25	82.27	20.57	16.9%	24.04	Monthly
CUSTOMER SERVICE REP II	Types, files, copies correspondence	5.5	77.57	426.61	16.9%	498.70	Monthly
Accountant	Processing Return in accounting	0.5	93.59	46.80	-	Excluded	Considered Overhead
SUBTOTAL MONTHLY						763.81	Monthly
SUBTOTAL ANNUAL						9,165.77	

Materials/Vehicles/Other	Description	Hours (if applicable)	Cost or Rate				Notes
Bank Fee	Return fee charge		$17.00		per item		MRWPCA - current charge is $10/reg 15/Ach

Annual Shared Costs for Fee Recovery	**$9,165.77**
3-Year Average # of Returns	**334.3**
MRWPCA Cost per Return Item	**27.42**
Plus Bank Fee per Return	**17.00**
Total Return Item Fee with Bank Fee	**44.42**

Additional Notes/Description:

Number of returned items	02/01/2016 to 01/31/2017	402
	Fiscal Year 2015	332
	Fiscal Year 2014	269
	Average	334.3

Table 3

Service Charge for Member Agency Billings (Bi-Monthly Billing) — **Cost of Service Worksheet**

Staff Position	Activity Description/ Service Provided	Hours	Hourly Rate	Subtotal	Overhead Allocation	Total	Notes
SENIOR CUSTOMER SVC REP	Calculate Adjustments, Enter Adjustments, Cancel Penalties	3.75	82.27	$308.51	16.9%	$360.65	Monthly
CUSTOMER SERVICE REP I	Cancel Penalties, NSF, Calculate Adjustments, County Report Ownership	6.5	72.84	473.46	16.9%	553.47	Monthly
CUSTOMER SERVICE SUPERVISOR	Reports for City Reimbursement, Cancel Penalties, Calculate Adjustments, Variance, Rates	4.25	116.84	496.57	16.9%	580.49	Monthly
CUSTOMER SERVICE REP II	Ach Returns, Completions/Letter/Activate, Ficitious Business Statements, Cancel Penalties, Calculate Adjustments, Ownership Change Report	11.5	77.57	892.00	16.9%	1,042.75	Monthly
CUSTOMER SERVICE REP II	Correspondence, Type Correspondence, Filing, ADA Survey, Phones, Cancel Penalties, Calculate Adjustments	27.25	77.57	2,113.65	16.9%	2,470.85	Monthly
ACCOUNTANT	EXCLUDED		93.59			EXCLUDED	Considered Overhead
SUBTOTAL MONTHLY						5,008.21	Monthly
SUBTOTAL ANNUAL						60,098.56	

Materials/Vehicles/Other	Description		Cost per Bill	Member Agency %	Member Agency $		Notes
Printing & Mailing Costs	Cost of printing, mailing, postage		0.528	50%	0.264		Based on average from recent invoices

Annual Staffing Costs for Fee Recovery		**$60,098.56**
Annual Number of Billings	**55,690 Bills x 6**	**334,140**
MRWPCA Cost per Bill		**0.180**
Plus Printing/Mailing/Postage	**Per Bill**	**0.264**
Total Cost per Bill		**$0.44**

Table 4

Service Charge for Monterey County Billings (Monthly Billings)

Cost of Service Worksheet

Staff Position	Activity Description/ Service Provided	Hours	Hourly Rate	Subtotal	Overhead Allocation	Total	Notes
SENIOR CUSTOMER SVC REP	Calculate Adjustments, Enter Adjustments, Correspondence, Phone Calls, Field Inspections, Cancel Penalties	2	82.27	$164.54	16.9%	$192.35	Monthly
CUSTOMER SERVICE REP I	Correspondence, Phone Calls, Cancel Penalties, NSF, Calculate Adjustments, County Report Ownership	2.5	72.84	182.10	16.9%	212.87	Monthly
CUSTOMER SERVICE SUPERVISOR	Reports for City Reimbursement, Cancel Penalties, Calculate Adjustments, Variance, Phones, Rates, Inspection - Computer, Work with County/Liens	4	116.84	467.36	16.9%	546.34	Monthly
CUSTOMER SERVICE REP II	Ach Returns, Correspondence, Phones, Completions/Letter/Activate , Ficitious Business Statemetns, Cancel Penalties, Calculate Adjustments, Ownership Change Report, Field Inspections	2.5	77.57	193.91	16.9%	226.68	Monthly
CUSTOMER SERVICE REP II	Correspondence, Type Correspondnece, Filing, ADA Survey, Cancel Penalties, Calculate Adjustments, Field Inspections, Phones	3	77.57	232.70	16.9%	272.02	Monthly
ACCOUNTANT	EXCLUDED		93.59			EXCLUDED	Considered Overhead
SUBTOTAL MONTHLY						1,450.27	Monthly
SUBTOTAL ANNUAL						17,403.24	

Materials/Vehicles/Other	Description					Cost or Rate	Notes
Invoice	Invoice					$153.94	
Postage	Postage					444.95	
SUBTOTAL MONTHLY						598.89	
SUBTOTAL ANNUAL						7,186.68	

Annual Staffing Costs for Fee Recovery	**$17,403.24**
Annual Invoice & Postage	**7,186.68**
Total Cost	**24,589.92**
Annual Number of Billings	**14,100**
MRWPCA Cost per Bill	**$1.23**

Table 5
Lab Fees

Activity Description/ Service Provided	Positions	Hours	Average Hourly Rate	Subtotal	Overhead Allocation	Total	Estimated Consumables	Updated Fees	Current Fees
SET SOLIDS	Blended Lab Personnel	0.25	83.14	20.78	16.9%	24.30	-	**24.30**	10.00
PH	Source Control Inspector	0.25	100.66	25.17	16.9%	29.42	-	**29.42**	13.00
BOD	Blended Lab Personnel	0.6	83.14	49.88	16.9%	58.31	1.00	**59.31**	42.00
COD	Blended Lab Personnel	1	83.14	83.14	16.9%	97.18	2.50	**99.68**	33.00
TSS	Blended Lab Personnel	0.5	83.14	41.57	16.9%	48.59	0.75	**49.34**	20.00
TDS	Blended Lab Personnel	0.5	83.14	41.57	16.9%	48.59	-	**48.59**	22.00
SODIUM	Blended Lab Personnel	0.3	83.14	24.94	16.9%	29.16	5.00	**34.16**	25.00
CHLORIDE	Blended Lab Personnel	0.3	83.14	24.94	16.9%	29.16	5.00	**34.16**	25.00
SULFATE	Blended Lab Personnel	0.3	83.14	24.94	16.9%	29.16	-	**29.16**	20.00
NITRATE	Blended Lab Personnel	0.3	83.14	24.94	16.9%	29.16	-	**29.16**	20.00
NITRATE	Blended Lab Personnel	0.3	83.14	24.94	16.9%	29.16	-	**29.16**	20.00
TKN	Blended Lab Personnel	1	83.14	83.14	16.9%	97.18	3.00	**100.18**	35.00
ALKALINITY	Blended Lab Personnel	0.5	83.14	41.57	16.9%	48.59	-	**48.59**	25.00
CALCUIM	Blended Lab Personnel	0.4	83.14	33.25	16.9%	38.87	-	**38.87**	25.00
CONDUCTIVITY	Blended Lab Personnel	0.25	83.14	20.78	16.9%	24.30	-	**24.30**	20.00
MAGNESIUM	Blended Lab Personnel	0.4	83.14	33.25	16.9%	38.87	-	**38.87**	25.00

Blended Lab Personnel includes one Senior Lab Analyst, two Lab Analyst II positions, and one Temporary Lab Technician

Table 6
Liquid Waste Haulers Permit Fees

Staff Position	Activity Description/ Service Provided	Hours	Hourly Rate	Subtotal	Overhead Allocation	Total Cost
Admin Support Specialist I	Confirm contact information for each of the 37 hauling companies for mailing	3	53.545	160.64	Excluded	160.64
Admin Support Specialist I	Review permit update and new hauler permit documents; update as necessary to reflect changes in policy or procedure	2	53.545	107.09	Excluded	107.09
Admin Support Specialist I	Draft permit update letter, review, and finalize	4	53.545	214.18	Excluded	214.18
Admin Support Specialist I	Mail merge letters for permit update packets, print and sign	2	53.545	107.09	Excluded	107.09
Admin Support Specialist I	Compile permit update packets (letter, informational bulletin, update form, any new policies/ordinances)	4	53.545	214.18	Excluded	214.18
Admin Support Specialist I	Address, postage, mail out	2	53.545	107.09	Excluded	107.09
Admin Support Specialist I	File information as received, document contact as made by haulers	30	53.545	1,606.35	Excluded	1,606.35
Admin Support Specialist I	Reminder memos for unresponsive haulers. This includes: - Drafting a form letter - Mail Merging - Sending out, certified return receipt	3	53.545	160.64	Excluded	160.64
Admin Support Specialist I	Email and phone correspondence throughout process to: - Clarify our document requests - Make contact with unresponsive or uncooperative haulers - Frequently, act as liason between insurance agents and haulers to ensure that the coverage limits and 'additional insured' status are met - Obtain the necessary update information - Provide English to Spanish translation verbally	40	53.545	2,141.80	Excluded	2,141.80
Admin Support Specialist I	In person assistance to explain the permit update to haulers; often with Spanish translation provided by MRWPCA staff	1	53.545	53.55	Excluded	53.55
Admin Support Specialist I	If necessary, generate temporary block or permit termination letters for non-compliant haulers; email notification to relevant parties (CS, Operations, Source Control regarding temporary block/termination)	3	53.545	160.64	Excluded	160.64
Admin Support Specialist I	Copy, add to hauler records, postage, and send certified return receipt	1	53.545	53.55	Excluded	53.55
Admin Support Specialist I	Generate updated permits (existing haulers)	1	53.545	53.55	Excluded	53.55
Admin Support Specialist I	Copy, add to hauler records, postage, and send certified return receipt	1.5	53.545	80.32	Excluded	80.32
Admin Support Specialist I	Close out accounts at the request of haulers, or due to unresponsive permit update attempts: - Email notification to relevant parties (CS, Operations, Source Control) regarding the account close-out - Archive hauler records	1	53.545	53.55	Excluded	53.55
Admin Support Specialist I	Assist new hauler applicants over the phone, via email, and in person to: - Explain requirements to obtain permitted status with MRWPCA - Explain tri-county rule, safety requirements (PPE), etc. - Answer questions they may have	2	53.545	107.09	Excluded	107.09
Admin Support Specialist I	Distribute permit update materials, receive completed applications, and involve relevant parties - Source Control- approve chemical deodorant SDS - Customer Service- to receive check binder and permit fees; generate account numbers for billings	1	53.545	53.55	Excluded	53.55
Admin Support Specialist I	Create new billing excel sheets and files	0.2	53.545	10.71	Excluded	10.71
Admin Support Specialist I	Once all parties approve the addition of the new hauler, schedule onsite meeting: - Inspect the truck(s) and review discharging/safety protocol - Operator to guide the hauler through their first discharge	0.5	53.545	26.77	Excluded	26.77
Admin Support Specialist I	Generate new Liquid Waste Hauler Discharge Permit	0.5	53.545	26.77	Excluded	26.77
Admin Support Specialist I	Copy, add to hauler records, postage, and send certified return receipt	0.25	53.545	13.39	Excluded	13.39
Senior Customer Service Rep		8	82.27	658.16	16.9%	769.39
Source Control Supervisor	Review permit update and new hauler permit documents; update as necessary to reflect changes in policy or procedure	1.5	120.63	180.95	16.9%	211.52
Source Control Supervisor	Draft permit update letter, review, and finalize	2.5	120.63	301.58	16.9%	352.54
Source Control Supervisor	Reminder memos for unresponsive haulers. This includes: - Drafting a form letter - Mail Merging - Sending out, certified return receipt	2	120.63	241.26	16.9%	282.03
Source Control Supervisor	Email and phone correspondence throughout process to: - Clarify our document requests - Make contact with unresponsive or uncooperative haulers - Frequently, act as liason between insurance agents and haulers to ensure that the coverage limits and 'additional insured' status are met - Obtain the necessary update information - Provide English to Spanish translation verbally	5	120.63	603.15	16.9%	705.08
Source Control Supervisor	In person assistance to explain the permit update to haulers; often with Spanish translation provided by MRWPCA staff	0.5	120.63	60.32	16.9%	70.51
Source Control Supervisor	If necessary, generate temporary block or permit termination letters for non-compliant haulers; email notification to relevant parties (CS, Operations, Source Control regarding temporary block/termination)	2	120.63	241.26	16.9%	282.03
Source Control Supervisor	Assist new hauler applicants over the phone, via email, and in person to: - Explain requirements to obtain permitted status with MRWPCA - Explain tri-county rule, safety requirements (PPE), etc. - Answer questions they may have	1	120.63	120.63	16.9%	141.02
Source Control Supervisor	Distribute permit update materials, receive completed applications, and involve relevant parties - Source Control- approve chemical deodorant SDS - Customer Service- to receive check binder and permit fees; generate account numbers for billings	1	120.63	120.63	16.9%	141.02
Source Control Supervisor	Once all parties approve the addition of the new hauler, schedule onsite meeting: - Inspect the truck(s) and review discharging/safety protocol - Operator to guide the hauler through their first discharge	0.5	120.63	60.32	16.9%	70.51
Total						8,538.11
Number of Permits					*3-Year Average*	42.7
Cost per Permit						**$199.96**

Table 7 | **Other Regulated Industrial Discharger**

Source Control Permit & Inspection Fee ORIU | ***Per Each Permit***

Staff Position	Activity Description/ Service Provided	Hours	Hourly Rate	Subtotal	Overhead Allocation	Total
Source Control Inspector II	Monitoring	1.25	100.66	125.83	16.9%	147.09
Source Control Inspector II	Inspections	3.50	100.66	352.31	16.9%	411.85
Source Control Inspector II	Admin	5.50	100.66	553.63	16.9%	647.19
Source Control Supervisor		3.25	120.63	392.05	16.9%	458.30
Senior Customer Service Rep	Billing and Receipting	1.25	82.27	102.84	16.9%	120.22
Total						1,784.65

Materials/Vehicles/Other	Description	Miles	Cost or Rate	Total	Notes
Vehicle	12.3 miles each way	148	0.55	$ 81.40	6 round trips = 148 miles total

Staffing Cost Recovery		1,784.65
Vehicles/Mileage		81.40
Total Cost per Permit		1,866.05
Number of Permits	*Cost per Permit*	1
Cost per Permit		1,866.05

Table 8 **Categorical Industrial Discharger**

Source Control Permit & Inspection Fee CIU ***Per Each Permit***

Staff Position	Activity Description/ Service Provided	Hours	Hourly Rate	Subtotal	Overhead Allocation	Total
Source Control Inspector II	Monitoring	14.00	100.66	1,409.24	16.9%	1,647.40
Source Control Inspector II	Inspections	5.00	100.66	503.30	16.9%	588.36
Source Control Inspector II	Admin	8.50	100.66	855.61	16.9%	1,000.21
Source Control Supervisor		4.25	120.63	512.68	16.9%	599.32
Senior Customer Service Rep	Billing and Receipting	1.25	82.27	102.84	16.9%	120.22
Total						3,955.50

Materials/Vehicles/Other	Description	Hours (if applicable)	Cost or Rate	Total	Notes
Vehicle	14 miles each way	308	0.55	169.40	11 round trips = 308 miles total

Staffing Cost Recovery		$3,955.50
Vehicles/Mileage		169.40
Total Cost		4,124.90
Number of Permits	*Cost per Permit*	1
Cost per Permit		4,124.90

Table 9
Source Control Permit & Inspection Fee SIU

Significant Non-Categorical Industrial Discharger
Per Each Permit

Staff Position	Activity Description/ Service Provided	Hours	Hourly Rate	Subtotal	Overhead Allocation	Total
Source Control Inspector II	Monitoring	14.00	100.66	1,409.24	16.9%	1,647.40
Source Control Inspector II	Inspections	5.00	100.66	503.30	16.9%	588.36
Source Control Inspector II	Admin	8.50	100.66	855.61	16.9%	1,000.21
Source Control Supervisor		4.25	120.63	512.68	16.9%	599.32
Senior Customer Service Rep	Billing and Receipting	1.25	82.27	102.84	16.9%	120.22
Total						3,955.50

Materials/Vehicles/Other	Description	Hours (if applicable)	Cost or Rate	Total	Notes
Vehicle	14 miles each way	308	0.55	169.40	11 round trips = 308 miles total

Staffing Cost Recovery		3,955.50
Vehicles/Mileage		169.40
Total Cost		4,124.90
Number of Permits	*Cost per Permit*	1
Cost per Permit		4,124.90

Table 10
Liquid Waste/Septage Fee

Staff Position	Job Tasks	Daily Hours	Times per Week	Weekly Hours	Hours per Month	Hourly Rate	Monthly Subtotal	Overhead	Total
Operator I/II	Wash down area	0.5	5	2.5	10.00	72.48	724.75	16.9%	847.23
Operator I/II	Empty tank troughs	0.5	5	2.5	10.00	72.48	724.75	16.9%	847.23
Operator I/II	Clean building (floors etc.)	0.5	5	2.5	10.00	72.48	724.75	16.9%	847.23
Operator I/II	Check & prepare tank for pumping - tanks #2 & #3 twice/day	1.00	5	5.0	20.00	72.48	1,449.50	16.9%	1,694.47
Operator I/II	Complete area checklist	0.25	5	1.3	5.00	72.48	362.38	16.9%	423.62
Operator I/II	Unscheduled work (unplug pumps, small repairs, etc.)	0.75	5	3.8	15.00	72.48	1,087.13	16.9%	1,270.85
Operator I/II	Receive trucks	0.5	5	2.5	10.00	72.48	724.75	16.9%	847.23
Operator I/II	Conduct respirometer test	0.5	5	2.5	10.00	72.48	724.75	16.9%	847.23
Operator I/II	Complete log book & paperwork (LIMS data entry)	1.00	5	5.0	20.00	72.48	1,449.50	16.9%	1,694.47
Operator I/II	Wash down tank #1 Area (degrease)		1	0.5	2.00	72.48	144.95	16.9%	169.45
Operator I/II	Wash down headworks / L.W. areas	0.5	5	2.5	10.00	72.48	724.75	16.9%	847.23
Operator I/II	Dump rag bins (see Rags & Marginal Dirt Cost tab)		2	1.0	4.00	72.48	289.90	16.9%	338.89
Admin Support Specialist I	Billing, Customer Service, and Administrative			6.80	27.20	53.55	1,456.29	Excluded	1,456.29
SUBTOTAL MONTHLY LABOR COST									12,131.42
ANNUAL SUBTOTAL								x 12	145,577.07
Facility Cost Recovery									118,274.54
SUBTOTAL ANNUAL COST FOR FEE RECOVERY									263,851.61
Units for Cost Recovery								gallons	10,584,840
Base Cost per Unit								$/gallon	0.025
Plus Rags & Dirt Cost Recovery								$/gallon	0.008
Plus Wastewater Treatment Rate								$/gallon	0.052
Total Rate per Unit								**$/gallon**	**0.085**

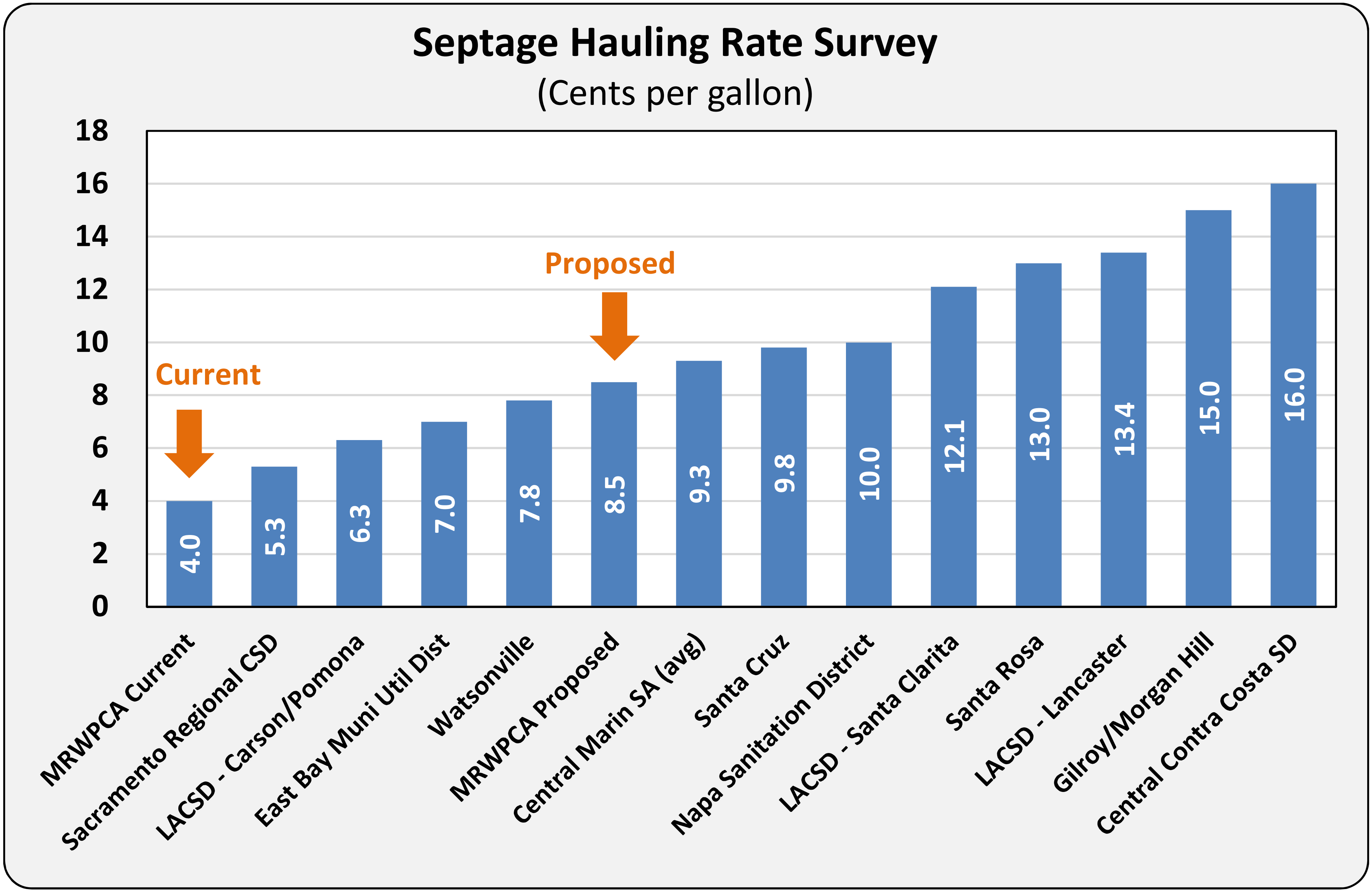
Septage Hauling Rate Survey
(Cents per gallon)
18
16
14
12
10
8
6
4
2
0
Current
Proposed
4.0
5.3
6.3
7.0
7.8
8.5
9.3
9.8
10.0
12.1
13.0
13.4
15.0
16.0
MRWPCA Current
Sacramento Regional CSD
LACSD - Carson/Pomona
East Bay Muni Util Dist
Watsonville
MRWPCA Proposed
Central Marin SA (avg)
Santa Cruz
Napa Sanitation District
LACSD - Santa Clarita
Santa Rosa
LACSD - Lancaster
Gilroy/Morgan Hill
Central Contra Costa SD

Table 11
Grease Fee

Position & Job Tasks	Times per Week	Weekly Hours	Monthly Hours	Hourly Rate	Monthly Subtotal	Overhead	Total
Operator Pump grease to digesters - valve changes and flushing line	2	2.0	8.00	68.36	546.88	16.9%	639.30
Admin I Billing, Customer Service, and Administrative			4.70	53.55	251.66	Excluded	251.66
Sr Cust Svc Rep. Billing, Customer Service and Administrative			1.00	82.27	82.27	16.9%	96.17
MONTHLY LABOR COST							987.14
ANNUAL LABOR COST						x 12	11,845.65
Sludge Disposal Dumping Fees, 4% x $454,000							18,160.00
Polymers/Chemicals-RTP, 4% x $405,000							8,100.00
Facility Cost Recovery							73,487.23
SUBTOTAL ANNUAL COST FOR FEE RECOVERY							111,592.89
Units for Cost Recovery (3-Year Average)						gallons	1,187,728
Base Cost per Unit						$/gallon	0.094
Plus Rags & Dirt Cost Recovery						$/gallon	0.008
Plus Wastewater Treatment Rate (liquids put back to headworks)						$/gallon	0.009
Total Rate per Unit						**$/gallon**	**0.111**

Table 12

Biocell Fee

Positions & Job Tasks	Daily Hours	Times per Week	Weekly Hours	Monthly Hours	Hourly Rate	Monthly Subtotal	Overhead	Total
Screen and investigate source of biocell load:								
Source Control Supervisor			1.00	4.00	120.63	482.52	16.9%	564.07
Source Control Inspector			0.50	2.00	100.66	201.32	16.9%	235.34
Operations Supervisor			0.00	0.00	123.19	-	16.9%	-
Operations Manager			0.00	0.00	136.26	-	16.9%	-
Meet and confer, potential for site visit:						-		-
Source Control Supervisor			0.25	1.00	120.63	120.63	16.9%	141.02
Source Control Inspector			0.25	1.00	100.66	100.66	16.9%	117.67
Operations Supervisor			0.25	1.00	123.19	123.19	16.9%	144.01
Operations Manager			0.25	1.00	136.26	136.26	16.9%	159.29
Operator Use loader to clean-up and move debris into piles		1	3.00	12.00	68.36	820.32	16.9%	958.95
Admin I Billing, Customer Service, and Administrative				3.70	53.55	198.12	Excluded	198.12
Operator removes debris from and clears drain	0.25	7	1.75	7.00	98.68	690.79	16.9%	807.54
Sr Cust Svc Rep, Cust Sve/Admin/Billing				1.00	82.27	82.27	16.9%	96.17
MONTHLY LABOR COST								3,422.17
ANNUAL LABOR COST							x 12	41,066.09
Biocell Solids Disposal Fee								22,950.00
Facility Cost Recovery								12,556.42
SUBTOTAL ANNUAL COST FOR FEE RECOVERY								76,572.51
Units for Cost Recovery (3-Year Average)							gallons	1,250,065
Cost per Unit							$/gallon	0.061
Plus Rags & Dirt Cost Recovery							$/gallon	0.008
Total Rate per Unit							**$/gallon**	**0.069**

Table 13
Special Loads

Job Tasks	Weekly Hours	Monthly Hours	Hourly Rate	Monthly Subtotal	Overhead	Total
Screen and investigate source of specal load:						
Source Control Supervisor	2.00	8.00	120.63	965.04	16.9%	1,128.13
Source Control Inspector	2.00	8.00	100.66	805.28	16.9%	941.37
Operations Supervisor	0.00	0.00	123.19	-	16.9%	-
Operations Manager	0.00	0.00	136.26	-	16.9%	-
Meet and confer; request analysis; potential for site visit:				-		-
Source Control Supervisor	0.50	2.00	120.63	241.26	16.9%	282.03
Source Control Inspector	0.50	2.00	100.66	201.32	16.9%	235.34
Operations Supervisor	0.50	2.00	123.19	246.38	16.9%	288.02
Operations Manager	0.50	2.00	136.26	272.52	16.9%	318.58
Operator I		0.50	72.48	36.24	16.9%	42.36
Admin I - Billing, Customer Service, and Administrative		4.20	53.55	224.89	Excluded	224.89
Senior Cust Svc Rep - Customer Service and Administrative		0.25	82.27	20.57	16.9%	24.04
MONTHLY LABOR COST						3,484.77
ANNUAL LABOR COST					x 12	41,817.22
Facility Cost Recovery						6,291.93
Solids Hauling & Disposal					Est.	10,000.00
SUBTOTAL ANNUAL COST FOR FEE RECOVERY						58,109.15
Units for Cost Recovery (Based on 1 year of data)					gallons	1,212,013
Total Rate per Unit					$/gallon	**0.048**

Table 14
Brine Loads

Positions & Job Tasks	Daily Hours	Times per Week	Weekly Hours	Monthly Hours	Hourly Rate	Monthly Subtotal	Overhead	Total
Screen and investigate source of brine load:								
Source Control Supervisor			1.00	4.00	120.63	482.52	16.9%	564.07
Source Control Inspector			1.00	4.00	100.66	402.64	16.9%	470.69
Operations Supervisor			0.00	0.00	123.19	-	16.9%	-
Operations Manager			0.00	0.00	136.26	-	16.9%	-
Meet and confer, potential for site visit, request/review analysis:						-		-
Source Control Supervisor			0.50	2.00	120.63	241.26	16.9%	282.03
Source Control Inspector			0.50	2.00	100.66	201.32	16.9%	235.34
Operations Supervisor			0.50	2.00	123.19	246.38	16.9%	288.02
Operations Manager			0.50	2.00	136.26	272.52	16.9%	318.58
Operator completes LIMS data entry & verifys data for monthly report		1	1.00	4.00	68.36	273.44	16.9%	319.65
Admin I - Billing, Customer Service, and Administrative				14.00	53.55	749.63	Excluded	749.63
Operator verifies brine parameters are met prior to discharge	0.25	6	1.50	6.00	98.68	592.11	16.9%	692.17
Sr Cust Svc Rep - Billing, Customer Service, and Administrative				0.25	82.27	20.57	16.9%	24.04
MONTHLY LABOR COST								3,944.22
ANNUAL LABOR COST							x 12	47,330.64
Brine Solids Disposal Cost							Est.	10,000.00
Facility Cost Recovery								29,438.75
SUBTOTAL ANNUAL COST FOR FEE RECOVERY								86,769.40
Units for Cost Recovery (3-Year Average)							gallons	3,249,874
Base Cost per Unit							$/gallon	0.027
Plus Rags & Dirt Cost Recovery							$/gallon	0.008
Total Rate per Unit							**$/gallon**	**0.034**

Table 15
Cost Allocation for Rags & Dirt

Year	Rags	Dirt	Total
Rags & Dirt Loadings (tons)			
2012	90.2	875.8	
2013	139.9	787.4	
2014	57.1		
2015	98.1		
2016	91.7	838.5	
5-Year Average	95.4	833.9	
Costs			
Unit Cost	$56.00	$16.25	
Total Cost	$5,342.40	$13,550.88	$18,893.28
Discharge Volume (gallons)			
Biocell	1,250,065	1,250,065	1,250,065
Grease	1,187,728	1,187,728	1,187,728
Chemical Toilet/Septic	10,584,840	10,584,840	10,584,840
Subtotal	2,437,793	2,437,793	2,437,793
Cost per Gallon	**$0.002**	**$0.006**	**$0.008**

Table 16
Historical Liquid Waste Totals (Gallons)

	2013	2014	2015	2016	3-Yr Avg
CHEM TOILET/SEPTIC	9,187,680	9,835,315	10,097,936	11,821,270	10,584,840
GREASE	1,076,176	1,173,697	1,049,100	1,340,387	1,187,728
BIO/DILUTED OILY WASTE	1,215,085	1,470,517	1,220,065	1,059,614	1,250,065
SPECIAL	n/a	n/a	n/a	1,196,979	
Plus Cal Am Brine	n/a	n/a	4,907	15,034	
Total			4,907	1,212,013	1,212,013
BRINE	3,555,858	2,510,507	3,178,787	4,080,269	3,256,521
Less Cal Am Brine	0	0	(4,907)	(15,034)	
Total	3,555,858	2,510,507	3,173,880	4,065,235	3,249,874

Table 17
Liquid Waste Hauler Permits

Liquid Waste Permits	
2014/15	45
2015/16	42
2016/17	41

Table 18
Annual Liens

Fiscal Year	Number of Liens
2011	2,564
2012	2,380
2013	2,192
2014	2,205
2015	2,754
2016	2,152
5-Year Average	2,337

Table 19
Member Agency & County Sewer Billings

Member Agency Billings
Bi-Monthly

Location	Accounts
Monterey	9,957
Pacific Grove	6,190
Del Rey Oaks	761
Seaside	6,634
Sand City	307
Moss Landing	243
City of Salinas A	14,433
City of Salinas B	17,165
Total Bi-Monthly Billings	55,690
x Bi-Monthly Periods	6
Annual Billings	334,140

Monterey County Billings
Monthly

Location	Customers
Chualar	172
Pajaro	291
Los Lomas	506
Sunny Mesa	94
Bay Farms	112
Total Billings	1,175
x Monthly Periods	12
Annual Billings	14,100