

Ord Community Water/Wastewater Systems

Compensation Plan

For FY 2015-2016

Presented to

Fort Ord Reuse Authority

Board of Directors

May 8, 2015

by

Marina Coast Water District



FY 2015-2016 Ord Community Service Area Compensation Plan Summary

Introduction. This summary provides an overview of the FY 2015-2016 Compensation Plan, outlining key assumptions used in developing this plan.

In, accordance with Article 7 of the Water Wastewater Facilities Agreement between Marina Coast Water District (MCWD) and Fort Ord Reuse Authority (FORA), the District maintains separate cost centers to ensure that revenues and expenses are appropriately segregated and maintained for the Marina systems and the Ord Community systems. On October 25, 2006, the MCWD Board adopted Ordinance No. 43 which also requires the cost centers to remain separated after the expiration of the Agreement between MCWD and FORA.

District costs that are not dedicated to a specific cost center are shared among the four primary cost centers of the District – Marina Water, Marina Wastewater Collection, Ord Community Water and Ord Community Wastewater Collection. Sharing of these expenses, in turn, creates efficiencies and cost savings for administrative functions for the two service areas that would otherwise not be realized. The District uses the operating expenses ratio to allocate the shared expenses. The allocation rate for the proposed fiscal year has changed based on previous year (FY 2013-2014) audited expenditure figures. The assigned percentages are calculated as follows:

Cost Center	FY 2013-2014 Operating Costs¹	Allocation %
Marina Water	\$2,039,492	27%
Marina Sewer	\$526,952	7%
Ord Water	\$4,155,620	54%
Ord Sewer	\$893,864	12%
TOTAL	\$7,615,928	100%

¹Total Operating Expenses less depreciation/amortization. Recycled Water operating expenses are included in Ord Water cost center for % allocation purposes.

The FORA Board adopts the Ord Community Compensation Plan by ordinance or resolution concurrent with MCWD Board adopting the Plan by resolution.

MCWD conducts a financial plan and rate study every five years to establish rates that provide sufficient and predictable revenues to adequately fund the maintenance and operations, and capital improvement/replacement of its water and sewer systems. In September 2013, the District completed the current five-year financial plan and rate study which recommended rates for FY's 2013/2014 through 2017/2018. In order to meet operating and capital needs of the of the Ord Community systems, this compensation plan includes residential rate increases of 9% for water and 4% for wastewater effective January 1, 2016.

The 2013 Study also recommended increases to the Capacity Charges for both the water and wastewater systems however; the District conducted further analyses on the recommended increases which resulted in a lower increase than recommended in the Study.

Cost Centers:

- Ord Community Water
- Ord Community Wastewater Collection (Sewer)

Assumptions:

- Total Revenues:
 - Ord Community Water \$8.535 million
 - Operating Revenue \$5.576 million
 - Capacity Charges \$1.202 million
 - Capital Surcharge and Other Non-Operating \$0.384 million
 - Construction Loan Proceeds – IOP BLM Bldg \$1.373 million
 - Ord Community Wastewater Collection \$2.861 million
 - Operating Revenue \$2.082 million
 - Capacity Charges \$0.369 million
 - Capital Surcharge and Other Non-Operating \$0.105 million
 - Construction Loan Proceeds – IOP BLM Bldg \$0.305 million
- Total Expenses:
 - Ord Community Water \$11.543 million
 - Operating (including payments to Land Use Jurisdictions/FORA) \$6.292 million
 - CIP Projects and General CIP \$2.915 million
 - Debt Service (Principal Only) \$2.055 million
 - FORA Lease Agreement \$0.081
 - Capital Replacement Fund \$0.200
 - Ord Community Wastewater Collection \$3.968 million
 - Operating (including payments to Land Use Jurisdictions/FORA) \$1.633 million
 - CIP Projects and General CIP \$1.644 million
 - Debt Service (Principal Only) \$0.573 million
 - FORA Lease Agreement \$0.018
 - Capital Replacement Fund \$0.100

Ord Community Water Rates (monthly):

	Current Rates	January 1, 2016
Meter Service Charge	\$31.48	\$34.37
First Tier (0-8 hcf)	2.60	2.97
Second Tier (8-16 hcf)	3.98	4.56
Third Tier (16+ hcf)	5.37	6.14
Average Monthly bill (13 units)	\$72.18	\$80.93
Flat Rate Billing	\$112.65	127.29

Ord Community Wastewater Collection Rates (monthly):

	Current Rates	January 1, 2016
Monthly Flat Fee Bill per 1 EDU	\$27.55	\$28.65

Capacity Charge:

Capacity charges are one-time charges collected from new connections to the water and wastewater systems based on equivalent dwelling units (EDU).

- Ord Community Water Capacity Charge \$8,010 per EDU
- Ord Community Wastewater Collection Capacity Charge \$3,322 per EDU

Monthly Capital Surcharge*:

- Ord Community Water Monthly Capital Surcharge for NEW Customers (\$20.00 per EDU)
 - Ord Community Wastewater Monthly Capital Surcharge for NEW Customers (\$5.00 per EDU)
- * Monthly Capital Surcharge applies to new customers connecting to the system after June 30, 2005 and before July 5, 2014.

Annual Capital Improvement Programs:

- Ord Community Water \$3.214 million
- Ord Community Wastewater Collection \$1.540 million

District Staffing:

The proposed plan supports a staff of 37 positions.

- Support for a staff of 37 positions:
 - Administration – 12
 - Operations & Maintenance – 16
 - Laboratory – 1
 - Conservation – 2
 - Engineering – 6

Annexation Efforts:

Initial correspondence from LAFCO to the District indicated that the Municipal Service Review (MSR) would be completed by year end 2012. MCWD has complied with all requests from LAFCO to complete the MSR; however, before the MSR can be finalized, LAFCO requests that competing Districts are in agreement as to service area boundaries. Once the final MSR is released by LAFCO, a Sphere of Influence application could begin immediately afterward.

**ORD COMMUNITY
WATER & WASTEWATER SYSTEM
RATES, FEES and CHARGES
FY 2015 - 2016
Effective July 1, 2015 and January 1, 2016**

		<u>July 1, 2015</u>	<u>January 1, 2016</u>
Water Consumption Charge			
0 - 8 hcf	First Tier	2.60 per hcf	2.97 per hcf
8 - 16 hcf	Second Tier	3.98 per hcf	4.56 per hcf
16+ hcf	Third Tier	5.37 per hcf	6.14 per hcf
	Monthly Capital Surcharge (Connections after June 30, 2005 and prior to July 5, 2014)	20.00 per EDU	20.00 per EDU
	Flat Rate	112.65 per unit	127.29 per unit
Monthly Minimum Water Charges			
	<u>Size</u>	<u>Fee</u>	<u>Fee</u>
	5/8" or 3/4"	31.48 per month	34.37 per month
	1"	49.11 per month	53.62 per month
	1 1/2"	78.49 per month	85.71 per month
	2"	113.74 per month	124.20 per month
	3"	196.05 per month	214.09 per month
	4"	313.52 per month	342.36 per month
	6"	607.31 per month	663.18 per month
	8"	1,195.24 per month	1,305.19 per month
Monthly Minimum Sewer Charges			
	Monthly Wastewater Charge	27.55 per EDU	28.65 per EDU
	Monthly Capital Surcharge (Connections after June 30, 2005 and prior to July 5, 2014)	5.00 per EDU	5.00 per EDU
Temporary Water Service			
	Meter Deposit Fee	650.00	650.00
	Hydrant Meter Fee (Set/Remove Fee)	140.00 one time fee	140.00 one time fee
	Hydrant Meter Fee (Relocate Fee)	140.00 per occurrence	140.00 per occurrence
	Minimum Monthly Service Charge	110.93 per month	125.32 per month
	Estimated Water Consumption Deposit	1,100.00 minimum	1,100.00 minimum
Private Fire Meter Charge			
	<u>Size</u>	<u>Fee</u>	<u>Fee</u>
	5/8" or 3/4"	1.83 per month	2.00 per month
	1"	5.33 per month	5.82 per month
	1 1/2"	11.35 per month	12.40 per month
	2"	20.41 per month	22.29 per month
	3"	32.97 per month	36.01 per month
	4"	70.26 per month	76.73 per month
	6"	204.11 per month	222.88 per month
	8"	434.96 per month	474.97 per month
Capacity Charges			
Water	Effective July 5, 2014*	\$8,010.00 per edu	\$8,010.00 per edu
Sewer	Effective July 5, 2014*	\$3,322.00 per edu	\$3,322.00 per edu

**MARINA & ORD COMMUNITY
WATER & WASTEWATER SYSTEM
RATES, FEES and CHARGES
FY 2015 - 2016
Effective July 1, 2015**

General Manager	\$146.00 per hour
District Engineer	\$119.00 per hour
Director of Administrative Services	\$97.00 per hour
Capital Projects Manager	\$83.00 per hour
Projects Manager	\$90.00 per hour
Associate Engineer	\$75.00 per hour
Engineering Administrative Assistant	\$55.00 per hour
Engineering Technician	\$50.00 per hour
Lab Supervisor	\$77.00 per hour
O&M Superintendent	\$94.00 per hour
O&M Supervisor	\$86.00 per hour
Operations & Maintenance System Operator 3	\$73.00 per hour
Operations & Maintenance System Operator 2/Backflow Specialist	\$68.00 per hour
Operations & Maintenance System Operator 2	\$68.00 per hour
Operations & Maintenance System Operator 1	\$53.00 per hour
Conservation Specialist III	\$59.00 per hour
Conservation Specialist I/II	\$52.00 per hour

Work Truck	\$20.00 per hour
Backhoe Tractor	\$30.00 per hour
Front Loader Tractor	\$58.00 per hour
Vactor Truck	\$30.00 per hour
Dump Truck	\$30.00 per hour
Ground Penetrating Radar Unit	\$10.00 per hour
CCTV Camera	\$65.00 per hour

Photocopy Charges \$0.20 per copy

Size	<u>Meter Installation Fee</u>
5/8" or 3/4"	\$350.00
1"	\$400.00
1 1/2"	\$450.00
2"	\$700.00
3" or Larger	

Actual direct and indirect cost to district.
Advance payment to be based on estimated cost.

Preliminary Project Review Fee (large projects)	\$500.00
Plan Review Fees:	
Existing Residential Modifications	\$200.00 per unit plus additional fees
Existing Commercial Modifications	\$400.00 per unit plus additional fees
Plan Review	\$500.00 per unit plus additional fees
Water/Sewer Permit Fee	\$30.00 each
Small Project Inspection Fee (single lot)	\$400.00 per unit
Large Project Inspection Fee (large projects)	\$500.00 per unit plus 3% of water & sewer construction cost
Building Modification/Addition Fee	\$200.00 per unit
Deposit for a Meter Relocation	\$200.00 deposit, plus actual costs
Mark and Locate Fee (USA Markings)	\$100.00 first mark and locate at no-charge, each additional for \$100
Backflow/Cross Connection Control Fee	\$45.00 per device
Additional Backflow/Cross Connection Device	\$30.00 per device
Deposit for New Account	\$35.00 per edu
Meter Test Fee	\$15.00 for 3/4" meter, actual cost for 1" and larger

Ord Community Water System

MARINA COAST WATER DISTRICT
ORD COMMUNITY WATER SYSTEM OPERATIONS
SUMMARY

EXHIBIT W-1

	Actual Ord Water Expenses FY 2012-2013	Actual Ord Water Expenses FY 2013-2014	Adopted Budget Ord Water Expenses FY 2014-2015	Estimated Actuals Ord Water Expenses FY 2014-2015	Proposed Budget Ord Water Expenses FY 2015-2016	Adopted vs Proposed % CHANGE	Proposed vs Estimated % CHANGE
Number of water services							
# Flat Rate Units	1,200	1,100	764	1,073	1,073		
# Metered Customers	2,808	2,808	2,908	3,183	3,263		
Total Customers	4,008	3,908	3,672	4,256	4,336		
Annual Water Usage (in AF)							
Metered use	1,650	1,650	1,800	1,950	1,420		
Unmetered use	800	800	770	385	385		
Total Water Usage	2,450	2,450	2,570	2,335	1,805		
Monthly Service Charges							
Flat Rate Billing	\$80.40	\$80.40	\$112.65	\$112.65	\$127.65		
Metered Service Charge - 3/4" Meter	\$16.31	\$16.31	\$31.48	\$31.48	\$34.37		
Monthly Quantity Rates							
Tier 1 (0-8 hcf)	\$2.22	\$2.22	\$2.60	\$2.60	\$2.97		
Tier 2 (8 - 16 hcf)	\$3.12	\$3.12	\$3.98	\$3.98	\$4.56		
Tier 3 (16+ hcf)	\$4.02	\$4.02	\$5.37	\$5.37	\$6.14		
Monthly Capital Surcharge (per EDU)	\$20.00	\$20.00	\$20.00	\$20.00	\$20.00		
Annual Revenue Calculations							
Flat Rate Accounts	1,065,214	929,511	967,270	1,212,160	1,547,613	60.0%	27.7%
Metered Accounts	3,257,395	3,207,180	4,238,977	3,507,858	3,793,749	-10.5%	8.2%
Other Water Sales	522,634	969,563	1,006,500	1,430,500	0	-100.0%	-100.0%
Fire System Charge	0	0	141,964	118,024	121,565	0.0%	0.0%
Other Fees & Charges	180,271	704,518	68,670	302,942	113,500	65.3%	-62.5%
A Total Operating Revenue	\$5,025,514	\$5,810,772	\$6,423,381	\$6,571,484	\$5,576,427	-13.2%	-15.1%
B Capacity Charges (Based on \$8,010 per EDU)	109,042	2,301,548	1,922,400	720,900	1,201,500	-37.5%	66.7%
C Capital Surcharge Revenue	85,581	123,835	110,000	157,928	158,000	43.6%	0.0%
D Bond Revenue	25,534	25,534	25,200	25,534	25,450	1.0%	0.0%
E Grant Revenue	11,680	0	0	0	0	0.0%	0.0%
F Non-operating Revenue (Including Interest Income)	196,655	201,781	197,723	186,377	200,359	1.3%	7.5%
G Construction Loan Proceeds - IOP BLM Bldg			1,131,200	522,500	1,372,950		
TOTAL REVENUE (A through G)	\$5,454,006	\$8,463,470	\$9,809,904	\$8,184,723	\$8,534,686	-13.0%	4.3%
H Operating Expenditures excluding payments to Land Jurisdictions	4,558,347	4,908,700	5,170,485	5,179,060	6,022,785	16.5%	16.3%
I Payments to Land Use Jurisdictions/FORA							
Reimb. to Land Use Agencies	32,354	33,004	34,000	32,812	35,000	2.9%	6.7%
FORA Admin/Liaison Fees	25,000	25,000	25,000	25,000	25,000	0.0%	0.0%
Reimbursements to FORA	219,506	216,249	236,000	235,838	240,000	1.7%	1.8%
Mmbrshp on FORA Bd. of Directors	37,000	37,000	37,000	37,000	37,000	0.0%	0.0%
Total Operating Expenditures	4,872,207	5,219,953	5,502,485	5,509,710	6,359,785	15.6%	15.4%
J CIP Projects	457,376	176,578	1,574,764	780,248	3,214,154	104.1%	311.9%
K Seaside Land Transfer	522,634	969,563	1,006,500	1,430,500	0	-100.0%	-100.0%
L General Capital Outlay	47,990	49,534	194,707	40,932	95,880	-50.8%	134.2%
M Debt Service	656,931	656,931	867,500	612,500	2,055,510	136.9%	235.6%
N FORA Lease Agreement	89,719	89,719	93,308	91,513	80,747	0.0%	-11.8%
O Capital Replacement Reserve Fund	200,000	200,000	0	0	200,000	0.0%	0.0%
TOTAL EXPENDITURES (H through O)	\$6,846,857	\$7,362,278	\$9,239,264	\$8,465,403	\$12,006,076	29.9%	41.8%
TRANSFER FROM/(TO) RESERVES	\$1,392,851	-\$1,101,192	-\$570,640	\$280,680	\$3,471,390		
BALANCE	\$0	\$0	\$0	\$0	\$0		

MONTHLY WATER RATES FOR REGION SURROUNDING THE ORD COMMUNITY

HCF = 100 cubic feet

TYPE OF FEE	CAL-AM ¹	California Water Service Company ²	Current MCWD City of Marina ³	Proposed MCWD City of Marina ⁴	Seaside Mun. Water ¹	City of Del Rey Oaks (Cal-Am) ¹	Current MCWD Ord Community ³	Proposed MCWD Ord Community ⁴	Median Rates
Quantity Rate per 100 cu.ft.									
1st tier	\$4.3920	\$2.4529	\$2.55	\$2.62	\$3.67	\$4.3920	\$2.60	\$2.97	\$2.62
2nd tier	\$6.5890	\$2.5820	\$2.92	\$3.01	\$7.94	\$6.5890	\$3.98	\$4.56	\$3.98
3rd tier	\$17.5710	\$2.8918	\$5.15	\$5.31	\$12.87	\$17.5710	\$5.37	\$6.14	\$5.37
4th tier	\$35.1400				\$18.36	\$35.1400			\$35.14
5th tier	\$43.9260				\$25.18	\$43.9260			\$43.93
6th tier					\$32.86				
Breakpoint for 1st tier	600	600	800	800	400	600	800	800	600
Breakpoint for 2nd tier	1,200	1,100	1,600	1,600	1,000	1,200	1,600	1,600	1,200
Breakpoint for 3rd tier	1,800	1700+	1600+	1600+	2,000	1,800	1600+	1600+	1,600
Breakpoint for 4th tier	2,400				3,000	2,400			
Breakpoint for 5th tier	2400+				4,000	2400+			
					4,000 +				
Meter Service Charge per month									
3/4-inch	\$15.76	\$23.11	\$20.46	\$21.07	\$24.54	\$15.76	\$31.48	\$34.37	\$21.07
Service Charge (hcf)		0.117							\$0.12
Service Charge (monthly)		0.863							\$0.86
Surcharges (%)	21.9100	0.086				21.9100			\$21.91
Surcharges	23.64	-1.163				23.64			\$23.64
For illustrative purposes only, monthly rates based on 13 hcf/month, or 0.358 acre feet/year	\$144.77	\$57.74	\$55.46	\$57.08	\$125.47	\$144.77	\$72.18	\$80.93	\$116.72

1. Rates effective as of January 2015.
2. Rates effective as of March 11, 2015.
3. Rates effective through December 31, 2015.
4. Proposed rates effective as of January 1, 2016.

MONTHLY WATER RATES FOR REGION SURROUNDING THE ORD COMMUNITY - 13 hcf



2014 Ord Community Water Consumption vs. Allocation (in Acre Feet per year)

EXHIBIT W-3

Entity	2013 Consumption	2014 Consumption	Fort Ord Reuse Plan Allocation (AFY)	% of
OMC				
Nonresidential	28	23		
Residential	263	207		
Residential (e)	377	201		
Irrigation	39	39		
Subtotal	706	470	1,577.0 (1) (4)	30%
Construction Water - Army	0	0		
CSUMB				
Main Campus	197	189		
CSUMB Housing (metered)	210	156		
CSUMB Housing (e)	0	0		
CSUMB Irrigation	35	35		
CSUMB Irrigation (e)	0	0		
Subtotal	442	380	1,035.0	37%
UC MBEST	1	1	230.0	
County	15	38	710.0 (7)	
County/State Parks	0	0	45.0	
Cty/Del Rey Oaks	0	0	242.5 (6)(7)	
Cty/Monterey	0	0	65.0	
Cty/Marina (Sphere)	0	0	10.0	
Subtotal	17	39	1,302.5	3%
Seaside				
Golf Course	457	525		
MPUSD	103	40		
Brostrom	64	58	85.0 (4)	
Thorson	64	45	120.0 (3)	
Seaside Highlands	170	147		
Monterey Bay Land, LLC	0	0	114.0 (5)	
Other	7	6	693.0 (7)	
Subtotal	865	820	1,012.0 (4)	81%
Construction Water - Seaside	0	0		
Marina				
Preston/Abrams	182	160		
Airport	4	3		
Other	76	80		
Subtotal	262	242	1,325.0 (7)	18%
Construction Water - Marina	11	18		
Total	2,303	1,970	6,251.5	32%
Assumed Line Loss	661 (8)	437 (8)	348.5 (7)	
Total Extracted	2964	2407		
Reserve	3636	4193	0 (7)	
Total	6600	6600	6,600	

Notes:

(e) indicates water use is estimated; meters are not installed.

Footnotes:

(1) The 1996/1998 FORA Board Allocation Plan reflects 1410 afy that considers future conservation on the POM Annex. The OMC's current reservation of 1577 afy reflects the decrease of 38 afy and 114 afy (see footnote [4]) from the original 1729 afy. The FORA Board has not yet revised the allocation numbers to reflect this change.

(3) The Sunbay/Thorson property was given its own allocation (120 afy) as part of the transfer of real estate from the US Army to the Southwest Sunbay Land Company.

(4) Seaside's original allocation of 710 afy was augmented by 38 afy by agreement with the OMC and Brostrom, and by 114 afy under final terms of the land exchange agreement among the City of Seaside, Monterey Bay Land, LLC and the US Army.

(5) 114 afy of Monterey Bay Land, LLC controlled potable water includes the proviso that the City of Seaside shall use no less than 39 afy of such water for affordable or workforce housing.

(6) The FORA Board approved an additional 17.5 afy for Del Rey Oaks on 05/13/2005.

(7) In January 2007, the FORA Board changed the 150 afy interim use loans to Marina, Seaside, Del Rey Oaks and Monterey County in October 1998 to add to their permanent allocations.

(8) Line loss figures include water transferred from Ord to Marina system through the inter-tie. The transferred numbers are tracked in the SCADA system and will be repaid back to Ord from Marina over time.

**MARINA COAST WATER DISTRICT
ORD COMMUNITY WATER SYSTEM OPERATIONS
PROPOSED BUDGET**

EXHIBIT W-4

	Actual Ord Community Water Expenses FY 2012-2013	Actual Ord Community Water Expenses FY 2013-2014	Adopted Budget Ord Community Water Expenses FY 2014-2015	Estimated Ord Community Water Expenses FY 2014-2015	Proposed Budget Ord Community Water Expenses FY 2015-2016	Adopted vs Proposed % CHANGE	Proposed vs Estimated % CHANGE
Administration/Management							
Personnel	\$843,713	\$755,326	\$900,394	\$828,033	\$966,927	7.4%	16.8%
Expenses	\$628,037	\$704,233	\$743,946	\$678,242	\$808,382	8.7%	19.2%
Insurance	\$58,571	\$65,529	\$65,520	\$68,485	\$70,200	7.1%	2.5%
Legal	\$103,169	\$145,326	\$118,560	\$132,488	\$135,000	13.9%	1.9%
Interest Expense	\$1,095,565	\$1,070,127	\$1,046,202	\$1,043,662	\$1,003,144	-4.1%	-3.9%
subtotal	\$2,729,055	\$2,740,541	\$2,874,622	\$2,750,910	\$2,983,653	3.8%	8.5%
Operations & Maintenance							
Personnel	\$625,801	\$739,133	\$763,988	\$892,942	\$805,325	5.4%	-9.8%
Maintenance Expenses	\$229,650	\$251,656	\$282,952	\$196,131	\$326,597	15.4%	66.5%
Power Costs	\$451,870	\$523,348	\$740,500	\$533,116	\$644,950	-12.9%	21.0%
Annual Maintenance	\$6,537	\$12,639	\$20,800	\$15,251	\$38,900	87.0%	155.1%
subtotal	\$1,313,858	\$1,526,776	\$1,808,240	\$1,637,440	\$1,815,772	0.4%	10.9%
Laboratory							
Personnel	\$100,622	\$109,115	\$113,335	\$110,283	\$119,560	5.5%	8.4%
Equipment/Expenses	\$23,779	\$21,943	\$50,900	\$49,565	\$57,057	12.1%	15.1%
Lab Contract Services	\$17,860	\$22,724	\$38,608	\$36,269	\$36,228	-6.2%	-0.1%
subtotal	\$142,261	\$153,782	\$202,843	\$196,117	\$212,845	4.9%	8.5%
Conservation							
Personnel	\$81,593	\$90,548	\$97,255	\$101,742	\$174,445	79.4%	71.5%
Expenses	\$32,138	\$29,783	\$63,558	\$67,232	\$98,670	55.2%	46.8%
subtotal	\$113,731	\$120,331	\$160,813	\$168,974	\$273,115	69.8%	61.6%
Engineering							
Personnel	\$380,908	\$351,356	\$302,584	\$356,397	\$489,545	61.8%	37.4%
Expenses	\$108,219	\$299,347	\$51,383	\$313,890	\$300,405	484.6%	-4.3%
Outside Consultants	\$84,175	\$27,820	\$102,000	\$85,982	\$284,450	178.9%	230.8%
subtotal	\$573,302	\$678,523	\$455,967	\$756,269	\$1,074,400	135.6%	42.1%
Total Operating Expenses	\$4,872,207	\$5,219,953	\$5,502,485	\$5,509,710	\$6,359,785	15.6%	15.4%

Ord Community Wastewater System

MARINA COAST WATER DISTRICT
ORD COMMUNITY WASTEWATER SYSTEM OPERATIONS
SUMMARY

EXHIBIT WW-1

		Actual Ord Wastewater Expenses FY 2012-2013	Actual Ord Wastewater Expenses FY 2013-2014	Adopted Budget Ord Wastewater Expenses FY 2014-2015	Estimated Actuals Ord Sewer Expenses FY 2014-2015	Proposed Budget Ord Sewer Expenses FY 2015-2016	Adopted vs Proposed Ord Wastewater % CHANGE	Proposed vs Estimated Ord Wastewater % CHANGE
	Estimated # of EDU's	5,584	5,549	5,963	5,647	5,750		
	Flat Rate Billing per EDU	\$25.56	\$25.56	\$27.55	\$27.55	\$28.65		
	Monthly Capital Surcharge (per EDU)	\$5.00	\$5.00	\$5.00	\$5.00	\$5.00		
	Annual Revenue - Flat Rate Billing	1,712,700	1,702,013	1,933,260	1,903,004	2,071,952	7.2%	8.9%
	Other Fees & Charges	15,078	76,988	10,000	62,014	10,000	0.0%	-83.9%
A	Total Operating Revenue	1,727,778	1,779,001	1,943,260	1,965,018	2,081,952	7.1%	6.0%
B	Capacity Fee	57,191	896,059	667,722	298,980	368,742	-44.8%	23.3%
C	Capital Surcharge Revenue	19,531	29,007	33,000	37,301	37,300	13.0%	0.0%
D	Bond Revenue	9,392	9,392	9,350	9,392	9,350	0.0%	-0.4%
E	Non-Operating Revenue (Including Interest Income)	72,602	69,021	57,233	62,947	58,453	2.1%	-7.1%
F	Construction Loan Proceeds - IOP BLM Bldg	0	0	316,736	146,300	305,100	0.0%	0.0%
	TOTAL REVENUE (A through E)	\$1,886,494	\$2,782,480	\$3,027,301	\$2,519,938	\$2,860,897	-5.5%	13.5%
G	Operating Expenditures excluding payments to Land Jurisdictions	1,205,013	1,312,270	1,309,318	1,271,010	1,618,570	23.6%	27.3%
H	Payments to Land Use Jurisdictions/FORA	12,557	13,146	13,000	13,640	15,000	15.4%	10.0%
	Total Operating Expenditures	1,217,570	1,325,416	1,322,318	1,284,650	1,633,570	23.5%	27.2%
I	CIP Projects	224,400	224,400	646,443	212,500	1,540,526	138.3%	0.0%
J	General Capital Outlay	10,558	10,558	40,213	30,259	103,890	158.4%	243.3%
K	Debt Service (principal)	277,700	277,700	296,500	296,500	573,057	93.3%	93.3%
L	FORA Lease Agreement	19,738	19,738	19,738	19,738	17,944	0.0%	-9.1%
M	Capital Replacement Reserve Fund	100,000	100,000	0	0	100,000	0.0%	100.0%
	TOTAL EXPENDITURES (G through M)	\$1,849,966	\$1,957,812	\$2,325,212	\$1,843,647	\$3,968,988	70.7%	115.3%
	Transfer From/(To) Reserves	(\$36,528)	(\$824,668)	(\$702,089)	(\$676,291)	\$1,108,091		
	BALANCE	\$0	\$0	\$0	\$0	\$0		

MONTHLY WASTEWATER COLLECTION RATES FOR REGION SURROUNDING THE ORD COMMUNITY

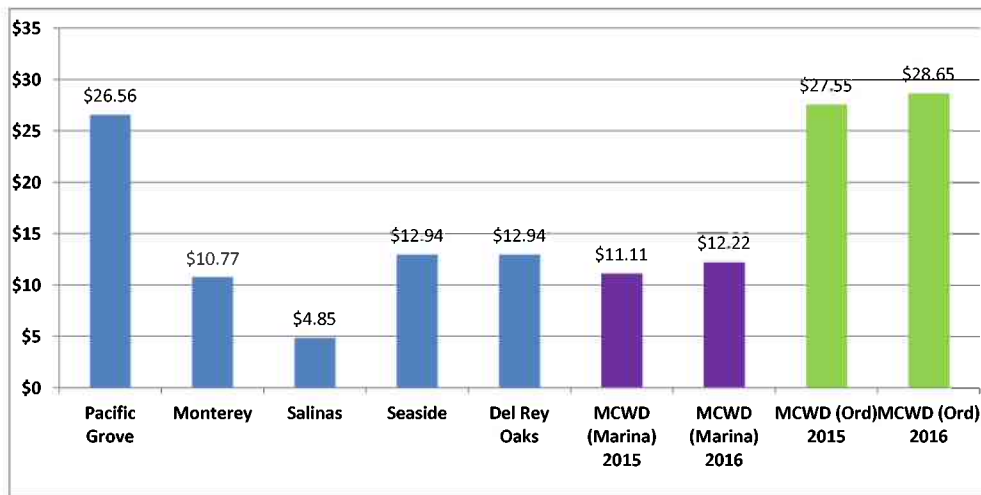
SERVICE DESCRIPTION	City of Pacific Grove ¹	City of Monterey ²	City of Salinas ²	SCSD City of Seaside ²	SCSD City of Del Rey Oaks ²	Current MCWD City of Marina ³	Proposed MCWD City of Marina ⁴	Curent MCWD Ord Community ³	Proposed MCWD Ord Community ⁴
Residential - per Living Unit	\$26.56	\$10.77	\$4.85	\$12.94	\$12.94	\$11.11	\$12.22	\$27.55	\$28.65
Business - 15 employees	\$35.98	\$16.59	\$7.50	\$19.98	\$19.98	\$16.67	\$18.33	\$41.33	\$42.98
Church - over 100 members	\$35.98	\$16.59	\$9.70	\$19.98	\$19.98	\$11.11	\$12.22	\$27.55	\$28.65
Laundromat - each washing machine	\$15.05	\$7.22	\$3.26	\$8.69	\$8.69	\$6.67	\$7.33	\$16.53	\$17.19
General Hospital - each bed	\$41.43		\$8.21	\$21.90	\$21.90	\$8.89	\$9.78	\$22.04	\$22.92
Motel/hotel - each room	\$11.25	\$4.63	\$2.10	\$5.62	\$5.62	\$2.78	\$3.06	\$6.89	\$7.16
Restaurant - each seat	\$5.02	\$1.18	\$0.54	\$1.44	\$1.44	\$0.78	\$0.86	\$1.93	\$2.01
High School/University - each student/faculty	\$0.47	\$0.22	\$0.10	\$0.27	\$0.27	\$0.78	\$0.86	\$1.93	\$2.01
Supermarket - 30 Employees	\$179.92	\$45.45	\$20.45	\$54.56	\$54.56	\$33.33	\$36.66	\$82.65	\$85.95

¹Rate is 173% of MRWPCA rate

²Rate is for FY 2015/2016 provided by MRWPCA

³Rate effective through December 31, 2015

⁴Rate to be effective January 1, 2015



MCWD (Ord) rate will decrease as rate base increases. Current rate base must support operating costs and debt service on system.

**MARINA COAST WATER DISTRICT
ORD COMMUNITY WASTEWATER SYSTEM OPERATIONS
PROPOSED BUDGETS**

	Actual Ord Community Wastewater Expenses FY 2012-2013	Actual Ord Community Wastewater Expenses FY 2013-2014	Adopted Budget Ord Community Wastewater Expenses FY 2014-2015	Estimated Ord Community Wastewater Expenses FY 2014-2015	Proposed Budget Ord Community Wastewater Expenses FY 2014-2015	Adopted vs Proposed % CHANGE	Proposed vs Estimated % CHANGE
Administration/Management							
Personnel	\$185,762	\$164,852	\$190,487	\$175,692	\$214,873	12.8%	22.3%
Expenses	\$87,030	\$102,938	\$99,378	\$102,986	\$117,023	17.8%	13.6%
Insurance	\$12,522	\$14,108	\$13,860	\$14,338	\$15,600	12.6%	8.8%
Legal	\$18,795	\$32,554	\$25,080	\$30,190	\$30,000	19.6%	-0.6%
Interest Expense	\$446,099	\$431,538	\$421,423	\$419,364	\$405,153	-3.9%	-3.4%
subtotal	\$750,208	\$745,990	\$750,228	\$742,570	\$782,649	4.3%	5.4%
Operations & Maintenance							
Personnel	\$267,488	\$316,767	\$321,679	\$255,840	\$353,557	9.9%	38.2%
Maintenance Expenses	\$40,818	\$79,226	\$96,399	\$73,403	\$93,212	-3.3%	27.0%
Power Costs	\$47,180	\$47,203	\$53,325	\$52,027	\$54,075	1.4%	3.9%
Annual Maintenance	\$11,737	\$13,883	\$4,400	\$6,900	\$4,200	-4.5%	-39.1%
subtotal	\$367,223	\$457,079	\$475,803	\$388,170	\$505,044	6.1%	30.1%
Engineering Department							
Personnel	\$84,836	\$75,517	\$63,205	\$71,916	\$108,787	72.1%	51.3%
Expenses	\$1,145	\$26,655	\$11,084	\$20,987	\$137,090	1136.9%	553.2%
Outside Consultants	\$14,158	\$20,175	\$22,000	\$61,007	\$100,000	354.6%	63.9%
subtotal	\$100,139	\$122,347	\$96,288	\$153,910	\$345,877	259.2%	124.7%
TOTAL	\$1,217,570	\$1,325,416	\$1,322,318	\$1,284,650	\$1,633,569	23.5%	27.2%

Ord Community Capital Improvement Projects

**MARINA COAST WATER DISTRICT
ORD COMMUNITY WATER AND WASTEWATER SYSTEMS
CAPITAL IMPROVEMENT PROJECT BUDGET FOR FY 2015-2016**

EXHIBIT CIP-1

Project No.	Project Name	Project Beneficeries	Cost Center Breakdown		Amount
WD-0115	SCADA System Improvements - Phase I	100% Existing Users	Ord Community Water	\$74,358	\$90,882
			Ord Community Sewer	\$16,524	
WD-0202	IOP Building (BLM)	N/A	Ord Community Water	\$1,372,950	\$1,678,050
			Ord Community Sewer	\$305,100	
GW-0212	Potable Water Tank Compliance Project	100% Existing Users	Ord Community Water	\$28,350	\$28,350
GW-0112	A1 & A2 Zone Tanks & B/C Booster Station @ CSUMB	100% Existing Users	Ord Community Water	\$819,911	\$819,911
GW-0123	B2 Zone Tank (Next to B1)	30% Existing/70% New	Ord Community Water	\$126,000	\$126,000
OW-0223	Well 30 Pump Replacement	100% Existing Users	Ord Community Water	\$105,000	\$105,000
OW-0201	Gigling Transmission from D Booster to JM Blvd	100% Existing Users	Ord Community Water	\$109,100	\$109,100
OW-0128	Lightfighter B-Zone Pipeline (Design)	33% Existing/67% New	Ord Community Water	\$32,000	\$32,000
OW-0193	Imjin Parkway Pipeline, Resv. Rd to Abrams Dr	100% Existing Users	Ord Community Water	\$52,000	\$52,000
OW-0240	3rd Street Water Main	100% Existing Users	Ord Community Water	\$122,000	\$122,000
OW-0202	South Boundary Road Pipeline	100% New Users	Ord Community Water	\$205,000	\$205,000
OW-0206	Inter-Garrison Road Pipeline Up-Sizing	100% New Users	Ord Community Water	\$167,485	\$167,485
OS-0200	Clark Lift Station Improvement	100% Existing Users	Ord Community Sewer	\$287,902	\$287,902
OS-0205	Imjin LS & Force Main Improvements - Phase I	100% Existing Users	Ord Community Sewer	\$248,000	\$248,000
OS-0203	Gigling LS and FM Improvements	100% Existing Users	Ord Community Sewer	\$573,000	\$573,000
OS-0152	Hatten, Booker, Neeson LS Improvements	100% Existing Users	Ord Community Sewer	\$110,000	\$110,000
TOTALS					<u>\$4,754,680</u>

Ord Community Water	\$3,214,154
Ord Community Sewer	\$1,540,526
TOTALS	<u>\$4,754,680</u>

Capital Improvement Project Sheet

Project:	SCADA System Improvements - Phase I
Project No:	WD-0115
Cost Center:	Marina Water; Marina Sewer; Ft Ord Water; Ft Ord Sewer

Project Description
 This project is for improving the Supervisory, Control, and Data Acquisition (SCADA) facilities. MCWD has more than 40 (current) remote water and sewer infrastructure sites that need SCADA improvement. The current phase of the project will result in functional and expandable SCADA "hubs" that will transmit signals to MCWDs' O&M control room while the future phases will up-grade the remote sites.

Project Justification
 This project is needed to increase the reliability of the SCADA facilities. A well-functioning SCADA system is fundamental to efficient operation of water and waste water systems and reliable SCADA facilities reduce risk because problems with remote infrastructure can be identified, communicated and/or prevented prior to failure.

PROJECT COSTS:	Prior Years	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	OUT YEARS	Total
Cost Category / Phasing								
Planning								
External Services								0
Internal Services								0
Design								
External Services								0
Internal Services								0
Construction								
External Services	1,008,456	25,000	127,500	130,000	132,500			1,423,456
Internal Services		10,000	10,200	10,500	10,500			41,200
Property / Easement Acquisitions								0
Other Project Costs								0
Estimated Cost By Fiscal Year	1,008,456	35,000	137,700	140,500	143,000	0	0	1,464,656

Project Funding / Cost Centers	G L Code	% Cost Splits	Prior Years	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	OUT YEARS	Total
01 - Marina Water	01-00-160-402	27%	272,283	9,450	37,179	37,935	38,610	0	0	395,457
02 - Marina Sewer	02-00-160-402	7%	70,592	2,450	9,639	9,835	10,010	0	0	102,526
03 - Ft Ord Water	03-00-160-402	54%	544,566	18,900	74,358	75,870	77,220	0	0	790,914
04 - Ft Ord Sewer	04-00-160-402	12%	121,015	4,200	16,524	16,860	17,160	0	0	175,759
										0
Funding By Fiscal Year			1,008,456	35,000	137,700	140,500	143,000	0	0	1,464,656

Estimated Project Expenditures for FY 15/16:			Budget	Special Notes
"Class "3" Cost Opinion: Estimated Range varies (-20%→+35%)"				
Project: SCADA System Improvements - Phase I				
1- Design & Planning Costs:				On going Design-Build Project
	Internal Services : MCWD Staff time (Eng, O&M,Finances)			
	External Services: (Attorneys, Consultants)			
Total Design & Planning Cost:			\$ -	
2- Construction & Installation Costs:				
	Internal Services : MCWD Staff time (Eng, O&M,Finances)		\$ 10,200	Include: Construction Management,
	External Services: (Consultant Contractor)		\$ 127,500	Include: Equipments, Installation & Integration
Total Construction & Installation Costs:			\$ 137,700	
Property / Easement Acquisition:			No Property Acquisition Necessary	

Capital Improvement Project Sheet

Project:	IOP Building E (BLM)
Project Number:	WD-0202
Cost Center:	Marina Water; Marina Sewer; Ft Ord Water; Ft Ord Sewer

Project Description
 Construction of a building at the Imjin Office Park to house the BLM Regional Offices.
 The project cost will be recouped via a long term lease with the Government.

Project Justification
 This project takes advantage of property owned by the District intended for future use beyond the lease term.
 The majority of this project will be financed and the expenses will be recouped via lease revenue.
 The BLM would like to occupy the building as soon as it becomes available. Construction is projected to be complete in spring 2016

PROJECT COSTS:	Prior Years	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	OUT YEARS	Total
Cost Category / Phasing								
Planning								
External Services	75,000							75,000
Internal Services	10,000							10,000
Design								
External Services	450,000							450,000
Internal Services	100,000							100,000
Construction								
External Services	300,000	1,000,000	2,452,500					3,752,500
Internal Services	12,600	45,000	90,000					147,600
Property Easement / Acquisitions								0
								0
Other Project Costs								0
								0
Estimated Cost By Fiscal Year	947,600	1,045,000	2,542,500	0	0	0	0	4,535,100

Project Funding / Cost Centers	G L CODE	% Cost Splits	Prior Years	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	OUT YEARS	Total
01 - Marina Water	01-00-163-050	27%	255,852	282,150	686,475	0	0	0	0	1,224,477
02 - Marina Sewer	02-00-163-050	7%	66,332	73,150	177,975	0	0	0	0	317,457
03 - Ft Ord Water	03-00-163-050	54%	511,704	564,300	1,372,950	0	0	0	0	2,448,954
04 - Ft Ord Sewer	04-00-163-050	12%	113,712	125,400	305,100	0	0	0	0	544,212
Funding By Fiscal Year			947,600	1,045,000	2,542,500	0	0	0	0	4,535,100

Estimated Project Expenditures for FY 15/16:					Budget	Special Notes
Project: IOP Building E (BLM)						
1- Design & Planning Costs:						
	Internal Services : MCWD Staff time (Eng, O&M,Finances)					Design review-permitting
	External Services: (Attorneys, Consultants)					Building & site design
Total Design & Planning Cost:					\$ -	
2- Construction & Installation Costs:						
	Internal Services : MCWD Staff time (Eng, O&M,Finances)				\$ 90,000	Construction contract awarding, construction managem
	External Services: (Contractors)				\$ 2,452,500	portions of construction costs
Total Construction & Installation Costs:					\$ 2,542,500	
Property / Easement Acquisition:						Property has been paid for in the prior years

Capital Improvement Project Sheet

Project:	Potable Water Tank Compliance Project
Project No:	GW-0212
Cost Center:	Marina Water; Ord Community Water

Project Description
 All of MCWD's potable water tanks/reservoirs will be inspected, cleaned, and maintained within FY 13/14. The inspection will be conducted by a diver and cleaned with a vacuum operation such that the tanks will not require draining.

Project Justification
 CA DPH requires this activity based on their December, 2012 report reviewing MCWD's permitted potable water system.

PROJECT COSTS:	Prior Years	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	OUT YEARS	Total
Cost Category / Phasing								
Planning								0
External Services								0
Internal Services								
Design								
External Services								0
Internal Services		8,000						8,000
Construction								
External Services		45,000	40,000				110,408	195,408
Internal Services		5,000	5,000					10,000
Property / Easement Acquisitions								0
Other Project Costs								0
Estimated Cost By Fiscal Year	0	58,000	45,000	0	0	0	110,408	213,408

Project Funding / Cost Centers	G L Code	% Cost Splits	Prior Years	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	OUT YEARS	Total
01 - Marina Water		37%	0	21,460	16,650	0	0	0	40,851	78,961
03 - Ft Ord Water		63%	0	36,540	28,350	0	0	0	69,557	134,447
			0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0
Funding By Fiscal Year			0	58,000	45,000	0	0	0	110,408	213,408

Estimated Project Expenditures for FY 15/16:		Budget	Special Notes
"Class "4" Cost Opinion: Estimated Range varies (-30%→+50%)"			
Project: Potable Water Tank Compliance Project			
1- Design & Planning Costs:			
Internal Services : MCWD Staff time (Eng, O&M,Finances)	\$	8,000	Design, Bid documents prep.
External Services: (Attorneys, Consultants)			
Total Design & Planning Cost:	\$	8,000	
2- Construction & Installation Costs:			
Internal Services : MCWD Staff time (Eng, O&M,Finances)	\$	5,000	Implementation management
External Services: (Contractors)	\$	40,000	Materials & application
Total Construction & Installation Costs:	\$	45,000	
Property / Easement Acquisition:	\$	-	None- Existing Facilities

Capital Improvement Project Sheet

Project:	A1 & A2 Zone Tanks & B/C Booster Station	Source:	Water Systems MP
Project Number:	GW-0112	Index/Multiplier:	San Francisco
Cost Center:	Ord Community Water; Marina Water	Inflation %:	2.0

Project Description
 Two A-Zone storage tanks with a total usable storage capacity of 5.2 Million Gallons, B-Zone and C-Zone Booster Pump Station, and associated piping and facilities. The project location is currently being negotiated with CSUMB at the time of preparing this document. At least one Tank will be placed at or near CSUMB main campus.

Project Justification
 The District has minimal "A" Zone storage capacity. The A1/A2 Zone Tanks are to provide operational, fire, and emergency water storage for Zone A in the Ord Community and Central Marina. The B and C booster pumps will pump water from Zone A to Zones B and C. The facilities currently serving these functions are over sixty years old and are approaching the end of their useful life.

PROJECT COSTS: 1	Prior Years	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	OUT YEARS	Total
Cost Category / Phasing:								
Planning								
External Services	120,017	93,924	82,616			77,050		373,607
Internal Services	8,705	19,740	8,980			13,400		50,825
Design								
External Services		20,000	75,250	107,500	32,250	25,000		260,000
Internal Services		10,000	89,600	85,120	71,680	91,000		347,400
Construction								
External Services			1,000,000	2,205,600	3,071,400	3,072,700		9,349,700
Internal Services			45,000	90,000	90,000	90,000		315,000
Property Easement / Acquisitions								0
Property rights have been paid for through a settlement agreement with CSUMB								
Other Project Costs								0
Estimated Cost By Fiscal Year	128,722	143,664	1,301,446	2,488,220	3,265,330	3,369,150	0	10,696,532

Project Funding / Cost Centers	G L CODE	% Cost	Prior Years	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	OUT YEARS	Total
01 - Marina Water	01-00-160-327	37%	47,627	53,156	481,535	920,641	1,208,172	1,246,586	0	3,957,717
03 - Ft Ord Water	03-00-160-327	63%	81,095	90,508	819,911	1,567,579	2,057,158	2,122,565	0	6,738,815
			0	0	0	0	0	0	0	
			0	0	0	0	0	0	0	
			0	0	0	0	0	0	0	
Funding By Fiscal Year			128,722	143,664	1,301,446	2,488,220	3,265,330	3,369,150	0	10,696,532

1 Budget Estimates are based on a specific project site location at the N/W corner of Intergarrison Rd & Sixth Avenue, additional Site Preparation, Environmental Studies & Piping costs maybe incurred if a different site is selected. In addition, it's assumed that the tank construction material will increase in the initial capital costs

Estimated Project Expenditures for FY 15/16:		Budget	Special Notes
"Class "2" Cost Opinion: Estimated Range varies (-10%→+25%)"			
Project: A1 & A2 Zone Tanks & B/C Booster Station			
1- Design & Planning Costs:			
Internal Services : MCWD Staff time (Eng, O&M,Finances)	\$	109,340	Commencing civil design, permitting,
External Services: (Attorneys, Consultants)	\$	93,924	Include: Survey & Mapping, CEQA, Legal fees & partial funding of Architectural, Mechanical , Electrical & SCADA design
Total Design & Planning Cost:	\$	203,264	
2- Construction & Installation Costs:			
Internal Services : MCWD Staff time (Eng, O&M,Finances)	\$	45,000	
External Services: (Contractors)	\$	1,000,000	
Total Construction & Installation Costs:	\$	1,045,000	No construction is anticipated this FY.
Property / Easement Acquisition:			Property paid for through CSUMB prior uncollected capacity charges

Capital Improvement Project Sheet

Project:	B2 Zone Tank	Source: Water Systems MP
Project Number:	GW-0123	Index/Multiplier: San Francisco
Cost Center:	Ord Community Water; Marina Water	Inflation %: 2.0

Project Description
 A 1.1 MG B-Zone water tank located next to the existing B1 Reservoir.
 CSUMB agreed in 2006 to grant a 1-acre easement for this tank, adjacent to the existing tank.

Project Justification
 This project is triggered by new demands in the B-Zone that increase the need for operational storage. (Dunes on Monterey Bay Phase 1C, Promontory Dormitory and Stilwell Kidney)

PROJECT COSTS: ₁	Prior Years	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	OUT YEARS	Total
Cost Category / Phasing₂								
Planning								
External Services								0
Internal Services								0
Design								
External Services			190,000	210,000				400,000
Internal Services			10,000	10,000				20,000
Construction								
External Services				1,000,000	1,174,871			2,174,871
Internal Services				10,000	10,000			20,000
Property Easement / Acquisitions								0
Property rights have been paid for through a settlement agreement with CSUMB								
Other Project Costs								0
Estimated Cost By Fiscal Year	0	0	200,000	1,230,000	1,184,871	0	0	2,614,871

Project Funding / Cost Centers	G L CODE	% Cost Splits	Prior Years	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	OUT YEARS	Total
01 - Marina Water	01-00-160-327	37%	0	0	74,000	455,100	438,402	0	0	967,502
03 - Ft Ord Water	03-00-160-327	63%	0	0	126,000	774,900	746,469	0	0	1,647,369
			0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0
Funding By Fiscal Year			0	0	200,000	1,230,000	1,184,871	0	0	2,614,871

1 Budget Estimates are based on a specific project site location at the N/W corner of Intergarrison Rd & Sixth Avenue, additional Site Preparation, Environmental Studies & Piping costs maybe incurred if a different site is selected. In addition, it's assumed that the tank construction material will be Steel, a prestressed concrete tank will entail a 33% increase in the initial capital costs

Estimated Project Expenditures for FY 15/16:			Budget	Special Notes
"Class "2" Cost Opinion: Estimated Range varies (-10%→+25%)"				
Project: A1 & A2 Zone Tanks & B/C Booster Station				
1- Design & Planning Costs:				
Internal Services : MCWD Staff time (Eng, O&M,Finances)			\$ 10,000	Commencing civil design, permitting,
External Services: (Attorneys, Consultants)			\$ 190,000	Include: Survey & Mapping, CEQA, Legal fees & partial funding of Architectural, Mechanical Assume costs span two FY.
Total Design & Planning Cost:			\$ 200,000	
2- Construction & Installation Costs:				
Internal Services : MCWD Staff time (Eng, O&M,Finances)				
External Services: (Contractors)				
Total Construction & Installation Costs:			\$ -	No construction is anticipated this FY.
Property / Easement Acquisition:				Property paid for through CSUMB prior uncollected capacity charges

Capital Improvement Project Sheet

Project:	Well 30 Pump Replacement
Project No:	OW-0223
Cost Center	Ord Community Water

Project Description
 Replacement of Well 30 pump, casing, and shaft assembly and the installation of a transducer to monitor water levels.
 Staff will solicit bids in spring 2015. Installation will occur fall 2015.

Project Justification
 The Well 30 Pump and casing have reached the end of their useful life and require replacement.
 O & M staff removed the pump and casing after abnormal vibrations were encountered.
 Once extracted it was determined the assembly was no longer operating properly and would require replacement. This work is required to get the well back online.

PROJECT COSTS:	Prior Years	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	OUT YEARS	Total
Cost Category / Phasing								
Planning								
External Services								0
Internal Services								0
Design								
External Services								0
Internal Services								0
Construction								
External Services		100,000	100,000					200,000
Internal Services		10,000	5,000					15,000
Property / Easement Acquisitions								0
Other Project Costs								0
Estimated Cost By Fiscal Year	0	110,000	105,000	0	0	0	0	215,000

Project Funding / Cost Centers	G L Code	% Cost Splits	Prior Years	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	OUT YEARS	Total
01 - Marina Water		0%	0	0	0	0	0	0	0	0
03 - Ft Ord Water		100%	0	110,000	105,000	0	0	0	0	215,000
			0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0
Funding By Fiscal Year			0	110,000	105,000	0	0	0	0	215,000

Estimated Project Expenditures for FY 15/16:			Budget	Special Notes
"Class "2" Cost Opinion: Estimated Range varies (-10%→+25%)"				
Project: Well 30 Pump Replacement				
1- Design & Planning Costs:				
	Internal Services : MCWD Staff time (Eng, O&M,Finances)			No Design plans needed
	External Services: (Attorneys, Consultants)			
Total Design & Planning Cost:			\$ -	
2- Construction & Installation Costs:				
	Internal Services : MCWD Staff time (Eng, O&M,Finances)	\$	5,000	Project/Construction Management
	External Services: (Contractors)	\$	100,000	Construction Contract(Labor/Material)
Total Construction & Installation Costs:		\$	105,000	
Property / Easement Acquisition:			N/A	

Capital Improvement Project Sheet

Project:	Gigling Transmission from D Booster to JM Blvd	Source:	Internal
Project No:	OW-0201	Index/Multiplier:	1.0
Cost Center	Ord Community Water	Inflation %:	2.0

Project Description
 This project entails the construction of approximately 1,800-LF of 12-inch PVC potable water pipeline to replace an existing 12-inch AC pipeline installed by the Army. The section of pipeline being installed will be within the Gigling Road alignment from the D-BPS and extending to the west of the General Jim Moore Boulevard intersection. The work is sequenced with FORA's widening of the road.

Project Justification
 This project was originally identified in the Ord Community Water Distribution Master Plan (2004, RBF). Staff identified the need to increase the scope of the project based on the existing condition and installation failings of the facility. The condition and installation failings were discovered in 2011 through a significant water outage event. Staff has re-estimated the cost of this CIP based on the new scope (thus the Source of the project is now Internal).

PROJECT COSTS:	Prior Years	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	OUT YEARS	Total
Cost Category / Phasing								
Planning								
External Services								0
Internal Services		1,800						1,800
Design								
External Services			107,100					107,100
Internal Services			2,000					2,000
Construction								
External Services				321,300				321,300
Internal Services				10,800				10,800
Property / Easement Acquisitions								0
Other Project Costs								0
Estimated Cost By Fiscal Year	0	1,800	109,100	332,100	0	0	0	443,000

Project Funding / Cost Centers	G L Code	% Cost Splits	Prior Years	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	OUT YEARS	Total
01 - Marina Water		0%	0	0	0	0	0	0	0	0
03 - Ft Ord Water		100%	0	1,800	109,100	332,100	0	0	0	443,000
			0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0
Funding By Fiscal Year			0	1,800	109,100	332,100	0	0	0	443,000

Estimated Project Expenditures for FY 14/15:				Budget		Special Notes
"Class "4" Cost Opinion: Estimated Range varies (-30%→+50%)"						
Project: Gigling Transmission from D Booster to JM Blvd						
1- Design & Planning Costs:						
	Internal Services : MCWD Staff time (Eng, O&M,Finances)		\$	2,000		Studying project scope & alternatives
	External Services: (Attorneys, Consultants)		\$	107,100		
Total Design & Planning Cost:			\$	109,100		
2- Construction & Installation Costs:						
	Internal Services : MCWD Staff time (Eng, O&M,Finances)					
	External Services: (Contractors)		\$	-		
Total Construction & Installation Costs:			\$	-		
Property / Easement Acquisition:					within Public RW	

Capital Improvement Project Sheet

Project:	Lightfighter B-Zone Pipeline Extension	Source:	Internal
Project No:	OW-0128	Index/Multiplier:	1.0
Cost Center:	Ord Community Water	Inflation %:	2.0

Project Description
 This project entails the construction of approximately 2,600-LF of 12-inch PVC potable water pipeline to connect the main in 2nd Ave to the B-Zone. This connection improves fire flows along 2nd Avenue and in the upper portion of the A-Zone, fed through the existing PRV.

Project Justification
 This project was triggered by development along 2nd Ave at the A-Zone/b-Zone boundary. The delay in constructing an A-Zone tank moves the need for this project forward. The B-Zone water storage must support the new A-Zone customers in this area. This is sequenced to coincide with Seaside working in Lightfighter Drive in FY 16/17.

PROJECT COSTS:	Prior Years	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	OUT YEARS	Total
Cost Category / Phasing								
Planning								
External Services								0
Internal Services								0
Design								
External Services	55,500		30,000					85,500
Internal Services			2,000					2,000
Construction								
External Services				325,000				325,000
Internal Services				10,800				10,800
Property / Easement Acquisitions								0
Other Project Costs								0
Estimated Cost By Fiscal Year	55,500	0	32,000	335,800	0	0	0	423,300

Project Funding / Cost Centers	G L Code	% Cost Splits	Prior Years	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	OUT YEARS	Total
01 - Marina Water		0%	0	0	0	0	0	0	0	0
03 - Ft Ord Water		100%	55,500	0	32,000	335,800	0	0	0	423,300
			0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0
Funding By Fiscal Year			55,500	0	32,000	335,800	0	0	0	423,300

Estimated Project Expenditures for FY 15/16:				Budget		Special Notes
"Class "4" Cost Opinion: Estimated Range varies (-30%→+50%)"						
Project: Lightfighter B-Zone Pipeline Extension						
1- Design & Planning Costs:						
	Internal Services : MCWD Staff time (Eng, O&M,Finances)		\$	2,000		Coordination
	External Services: (Attorneys, Consultants)		\$	30,000		Finalize PS&E
Total Design & Planning Cost:			\$	32,000		
2- Construction & Installation Costs:						
	Internal Services : MCWD Staff time (Eng, O&M,Finances)					
	External Services: (Contractors)		\$	-		
Total Construction & Installation Costs:			\$	-		
Property / Easement Acquisition:					within Public RW	

Capital Improvement Project Sheet

Project:	Imjin Parkway Pipeline, Reservation Rd to Abrams Drive	Source:	Internal
Project No:	OW-0193	Index/Multiplier:	1.0
Cost Center	Ord Community Water	Inflation %:	2.0

Project Description
 This project entails the construction of approximately 2,800-LF of 12-inch PVC potable water pipeline in Imjin Parkway to improve connectivity within the B-Zone.

Project Justification
 This project is sequenced to coincide with the City of Marina Project to widen Imjin Parkway.

PROJECT COSTS:	Prior Years	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	OUT YEARS	Total
Cost Category / Phasing								
Planning								
External Services								0
Internal Services								0
Design								
External Services			50,000					50,000
Internal Services			2,000					2,000
Construction								
External Services				450,000				450,000
Internal Services				10,800				10,800
Property / Easement Acquisitions								0
Other Project Costs								0
Estimated Cost By Fiscal Year	0	0	52,000	460,800	0	0	0	512,800

Project Funding / Cost Centers	G L Code	% Cost Splits	Prior Years	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	OUT YEARS	Total
01 - Marina Water		0%	0	0	0	0	0	0	0	0
03 - Ft Ord Water		100%	0	0	52,000	460,800	0	0	0	512,800
			0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0
Funding By Fiscal Year			0	0	52,000	460,800	0	0	0	512,800

Estimated Project Expenditures for FY 14/15:				Budget		Special Notes
"Class "4" Cost Opinion: Estimated Range varies (-30%→+50%)"						
Project: Imjin Parkway Pipeline, reservation Rd to Abrams						
1- Design & Planning Costs:						
	Internal Services : MCWD Staff time (Eng, O&M,Finances)		\$	2,000		Studying project scope & alternatives
	External Services: (Attorneys, Consultants)		\$	50,000		Contract with roadway designer
Total Design & Planning Cost:			\$	52,000		
2- Construction & Installation Costs:						
	Internal Services : MCWD Staff time (Eng, O&M,Finances)					
	External Services: (Contractors)		\$	-		
Total Construction & Installation Costs:			\$	-		
Property / Easement Acquisition:					within Public RW	

Capital Improvement Project Sheet

Project:	3rd Street Water Main	Source:	Internal
Project No:	OW-0240	Index/Multiplier:	1.0
Cost Center	Ord Community Water	Inflation %:	2.0

Project Description
 This project entails the construction of approximately 200-LF of 12-inch PVC potable water pipeline in 3rd Street between 1st Ave and 2nd Ave, to replace the existing main which has reached the end of it's service life.

Project Justification
 The existing water main in 3rd Street has broken several times in the alst two years, resulting in boil water notices for the County office building.

PROJECT COSTS:	Prior Years	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	OUT YEARS	Total
Cost Category / Phasing								
Planning								
External Services								0
Internal Services								0
Design								
External Services			40,000					40,000
Internal Services			2,000					2,000
Construction								
External Services			75,000					75,000
Internal Services			5,000					5,000
Property / Easement Acquisitions								0
Other Project Costs								0
Estimated Cost By Fiscal Year	0	0	122,000	0	0	0	0	122,000

Project Funding / Cost Centers	G L Code	% Cost Splits	Prior Years	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	OUT YEARS	Total
01 - Marina Water		0%	0	0	0	0	0	0	0	0
03 - Ft Ord Water		100%	0	0	122,000	0	0	0	0	122,000
			0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0
Funding By Fiscal Year			0	0	122,000	0	0	0	0	122,000

Estimated Project Expenditures for FY 15/16:				Budget		Special Notes
"Class "4" Cost Opinion: Estimated Range varies (-30%→+50%)"						
Project: 3rd Street Water Main						
1- Design & Planning Costs:						
	Internal Services : MCWD Staff time (Eng, O&M,Finances)		\$	2,000		Manage bid
	External Services: (Attorneys, Consultants)		\$	40,000		Design
	Total Design & Planning Cost:		\$	42,000		
2- Construction & Installation Costs:						
	Internal Services : MCWD Staff time (Eng, O&M,Finances)		\$	5,000		Const. Mgt
	External Services: (Contractors)		\$	75,000		Construction
	Total Construction & Installation Costs:		\$	80,000		
Property / Easement Acquisition:					within Public RW	

Capital Improvement Project Sheet

Project:	Inter-Garrison Road Pipeline Up-Sizing	Source:	Internal
Project No:	OW-0206	Index/Multiplier:	1.0
Cost Center	Ord Community Water	Inflation %:	2.0

Project Description
 This project entails the construction of approximately 1700-LF of 18-inch potable water pipeline in InterGarrison Road between Abrahms Drive and East Garrison to replace the existing 12-inch main. This will allow the District to meet commercial fire flows in East Garrison prior to building a B-Zone reservoir.

Project Justification
 The East garrison Developer is starting civil construction in their Phase 2 area. Commercial development may occur within the next 2-3 years.

PROJECT COSTS:	Prior Years	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	OUT YEARS	Total
Cost Category / Phasing								
Planning								
External Services								0
Internal Services								0
Design								
External Services			165,485					165,485
Internal Services			2,000					2,000
Construction								
External Services				526,639				526,639
Internal Services				10,000				10,000
Property / Easement Acquisitions								0
Other Project Costs								0
Estimated Cost By Fiscal Year	0	0	167,485	536,639	0	0	0	704,124

Project Funding / Cost Centers	G L Code	% Cost Splits	Prior Years	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	OUT YEARS	Total
01 - Marina Water		0%	0	0	0	0	0	0	0	0
03 - Ft Ord Water		100%	0	0	167,485	536,639	0	0	0	704,124
			0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0
Funding By Fiscal Year			0	0	167,485	536,639	0	0	0	704,124

Estimated Project Expenditures for FY 15/16:			Budget		Special Notes
"Class "4" Cost Opinion: Estimated Range varies (-30%→+50%)"					
Project: 3rd Street Water Main					
1- Design & Planning Costs:					
	Internal Services : MCWD Staff time (Eng, O&M,Finances)		\$ 2,000		Manage contract
	External Services: (Attorneys, Consultants)		\$ 165,485		Design
	Total Design & Planning Cost:		\$ 167,485		
2- Construction & Installation Costs:					
	Internal Services : MCWD Staff time (Eng, O&M,Finances)		\$ 10,000		Const. Mgt
	External Services: (Contractors)		\$ 526,639		Construction
	Total Construction & Installation Costs:		\$ 536,639		
Property / Easement Acquisition:				within Public RW	

Capital Improvement Project Sheet

Project:	South Boundary Road Pipeline	Source:	Internal
Project No:	OW-00202	Index/Multiplier:	1.0
Cost Center:	Ord Community Water	Inflation %:	2.0

Project Description
 This project entails the construction of approximately 5,600-LF of 16-inch and 12-inch potable water pipeline in South Boundary Road to serve Del Rey Oaks and Monterey.

Project Justification
 This project is sequenced to coincide with the FORA project to widen South Boundary Road.

PROJECT COSTS:	Prior Years	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	OUT YEARS	Total
Cost Category / Phasing								
Planning								
External Services								0
Internal Services								0
Design								
External Services			200,000					200,000
Internal Services			5,000					5,000
Construction								
External Services				1,284,000				1,284,000
Internal Services				5,000				5,000
Property / Easement Acquisitions								0
Other Project Costs								0
Estimated Cost By Fiscal Year	0	0	205,000	1,289,000	0	0	0	1,494,000

Project Funding / Cost Centers	G L Code	% Cost Splits	Prior Years	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	OUT YEARS	Total
01 - Marina Water		0%	0	0	0	0	0	0	0	0
03 - Ft Ord Water		100%	0	0	205,000	1,289,000	0	0	0	1,494,000
			0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0
Funding By Fiscal Year			0	0	205,000	1,289,000	0	0	0	1,494,000

Estimated Project Expenditures for FY 15/16:				Budget		Special Notes
"Class "4" Cost Opinion: Estimated Range varies (-30%→+50%)"						
Project: South Boundary Road Pipeline						
1- Design & Planning Costs:						
	Internal Services : MCWD Staff time (Eng, O&M,Finances)		\$	5,000		Coordiante contracts
	External Services: (Attorneys, Consultants)		\$	200,000		Contract with roadway designer
Total Design & Planning Cost:			\$	205,000		
2- Construction & Installation Costs:						
	Internal Services : MCWD Staff time (Eng, O&M,Finances)					
	External Services: (Contractors)		\$	-		
Total Construction & Installation Costs:			\$	-		
Property / Easement Acquisition:					within Public RW	

Capital Improvement Project Sheet

Project:	Clark Lift Station Improvement	Source:	Ord WW MP
Project Number:	OS-0200	Index/Multiplier:	20-City
Cost Center:	Ord Community Sewer	Inflation %:	2.0

Project Description
 This project is for replacing the current sanitary sewer lift station with an improved lift station. The project scope includes an up-graded concrete below-grade wet-well, a dual submersible pump, and a valve vault. A back-up generator is also included in the scope. The project is located at the intersection of Brostrom and Clark Court in the Former Fort Ord portion of eastern Marina. Project is projected for construction in winter 2015-16.

Project Justification
 This project is needed because the existing lift station is beyond its useful life. The lift station is costly to maintain and operate; replacement will result in lower operational expense.

PROJECT COSTS:	Prior Years	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	OUT YEARS	Total
Cost Category / Phasing								
Planning								
External Services								0
Internal Services								0
Design								
External Services	23,726	10,000						33,726
Internal Services	1,840	2,000						3,840
Construction								
External Services	95,117		279,902					375,019
Internal Services			8,000					8,000
Property Easement / Acquisitions								0
Other Project Costs								0
Estimated Cost By Fiscal Year	120,683	12,000	287,902	0	0	0	0	420,585

Project Funding / Cost Centers	G L CODE	% Cost Splits	Prior Years	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	OUT YEARS	Total
04 - Ft Ord Sewer		100%	120,683	12,000	287,902	0	0	0	0	420,585
			0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0
Funding By Fiscal Year			120,683	12,000	287,902	0	0	0	0	420,585

Estimated Project Expenditures for FY 15/16:			Budget	Special Notes
"Class "3" Cost Opinion: Estimated Range varies (-20%→+35%)"				
Project: Clark Lift Station Improvement				
1- Design & Planning Costs:				
Internal Services : MCWD Staff time (Eng, O&M,Finances)				Design review/permitting
External Services: (Attorneys, Consultants)				completion of station design
Total Design & Planning Cost:			\$ -	
2- Construction & Installation Costs:				
Internal Services : MCWD Staff time (Eng, O&M,Finances)			\$ 8,000	Construction management/Inspection
External Services: (Contractors)			\$ 279,902	Construction contract (labor/material)
Total Construction & Installation Costs:			\$ 287,902	
Property / Easement Acquisition:			Existing Site-additonal easements were obtained.	

Capital Improvement Project Sheet

Project:	Imjin LS & Force Main Improvements - Phase I	Source:	OC Sewer TM
Project Number:	OS-0205	Index/Multiplier:	1.0
Cost Center:	Ord Community Sewer	Inflation %:	2.0

Project Description
 The first phase of this project includes constructing another wetwell, installing two pumps with all accessories and appurtenances.

Project Justification:
 The existing lift station and forcemain can't handle all the anticipated wastewater flows from East Garrison, UCMBEST, Marina Airport, Existing Marina lift Station as was stated in the Ord Community Wastewater Master Plan; the project will be split into two phases and is necessary to accommodate near to long term future development

PROJECT COSTS:	Prior Years	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	OUT YEARS	Total
Cost Category / Phasing								
Planning								
External Services								0
Internal Services								0
Design								
External Services		20,000	20,000					40,000
Internal Services		8,000	8,000					16,000
Construction								
External Services			200,000	290,000				490,000
Internal Services			20,000	20,000				40,000
Property Easement / Acquisitions								0
Other Project Costs								0
Estimated Cost By Fiscal Year	0	28,000	248,000	310,000	0	0	0	586,000

Project Funding / Cost Centers	G L CODE	% Cost Splits	Prior Years	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	OUT YEARS	Total
02 - Marina Sewer			0	0	0	0	0	0	0	0
04 - Ft Ord Sewer		100%	0	28,000	248,000	310,000	0	0	0	586,000
			0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0
Funding By Fiscal Year			0	28,000	248,000	310,000	0	0	0	586,000

Estimated Project Expenditures for FY 15/16:				Budget	Special Notes
"Class "4" Cost Opinion: Estimated Range varies (-30%→+50%)"					
Project: Imjin LS & Force Main Improvements - Phase I					
1- Design & Planning Costs:					
	Internal Services : MCWD Staff time (Eng, O&M,Finances)		\$	8,000	Master plan integration, scope, conceptual design
	External Services: (Attorneys, Consultants)		\$	20,000	commencing design/ plans preparation
Total Design & Planning Cost:			\$	28,000	
2- Construction & Installation Costs:					
	Internal Services : MCWD Staff time (Eng, O&M,Finances)		\$	20,000	No construction is anticipated this FY
	External Services: (Contractors)		\$	200,000	
Total Construction & Installation Costs:			\$	220,000	
Property / Easement Acquisition:				Project within Public R/W	

Capital Improvement Project Sheet

Project:	Gigling LS & Force Main Improvements	Source:	OC Sewer TM
Project Number:	OS-0203	Index/Multiplier:	1.0
Cost Center:	Ord Community Sewer	Inflation %:	2.0

Project Description
 This project includes constructing a new force main and renovating the wet well piping to accommodate Flygt Pumps.

Project Justification:
 The existing force main has broken several times in the past two years and must be replaced. The lift station is a wet-pit/dry-pit configuration. The piping does not support Flygt pumps, which is the District standard. Replacing the piping now reduces the by-pass pumping. When flows increase in the future, Pumps may then be replaced without taking the station off-line.

PROJECT COSTS:	Prior Years	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	OUT YEARS	Total
Cost Category / Phasing								
Planning								
External Services								0
Internal Services								0
Design								
External Services		20,000	60,000					80,000
Internal Services		2,000	5,000					7,000
Construction								
External Services			500,000	800,000			250,000	1,550,000
Internal Services			8,000	8,000				16,000
Property Easement / Acquisitions								0
Other Project Costs								0
Estimated Cost By Fiscal Year	0	22,000	573,000	808,000	0	0	250,000	1,653,000

Project Funding / Cost Centers	G L CODE	% Cost Splits	Prior Years	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	OUT YEARS	Total
02 - Marina Sewer			0	0	0	0	0	0	0	0
04 - Ft Ord Sewer		100%	0	22,000	573,000	808,000	0	0	250,000	1,653,000
			0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0
Funding By Fiscal Year			0	22,000	573,000	808,000	0	0	250,000	1,653,000

Estimated Project Expenditures for FY 15/16:				Budget	Special Notes
"Class "4" Cost Opinion: Estimated Range varies (-30%→+50%)"					
Project: Gigling LS & Force Main Improvements					
1- Design & Planning Costs:					
	Internal Services : MCWD Staff time (Eng, O&M,Finances)		\$	5,000	Master plan integration, scope, conceptual design
	External Services: (Attorneys, Consultants)		\$	60,000	commencing design/ plans preparation
Total Design & Planning Cost:			\$	65,000	
2- Construction & Installation Costs:					
	Internal Services : MCWD Staff time (Eng, O&M,Finances)		\$	8,000	No construction is anticipated this FY
	External Services: (Contractors)		\$	500,000	
Total Construction & Installation Costs:			\$	508,000	
Property / Easement Acquisition:				Some PL easement may be required	

Capital Improvement Project Sheet

Project:	Hatten, Booker, Neeson LS Improvements
Project No:	OS-0152
Cost Center:	Ft Ord Sewer

Project Description
 This project is upgrade of existing lift stations which have reached the end of their service life. Capacity increases are not required. Hatten Lift Station will be replaced in 2015/16. Booker and Neeson will be addressed in later years.

Project Justification
 The wet wells and piping are experiencing corrosion and require replacement.

PROJECT COSTS:	Prior Years	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	OUT YEARS	Total
Cost Category / Phasing								
Planning								
External Services								0
Internal Services								0
Design								
External Services			10,000				75,000	85,000
Internal Services			10,000					10,000
Construction								
External Services			90,000				550,000	640,000
Internal Services								0
Property / Easement Acquisitions			0					0
Other Project Costs								0
Estimated Cost By Fiscal Year	0	0	110,000	0	0	0	625,000	735,000

Project Funding / Cost Centers	G L Code	% Cost Splits	Prior Years	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	OUT YEARS	Total
01 - Marina Water		0%	0	0	0	0	0	0	0	0
02 - Marina Sewer		0%	0	0	0	0	0	0	0	0
03 - Ft Ord Water		0%	0	0	0	0	0	0	0	0
04 - Ft Ord Sewer		100%	0	0	110,000	0	0	0	625,000	735,000
Funding By Fiscal Year			0	0	110,000	0	0	0	625,000	735,000

Estimated Project Expenditures for FY 15/16:			Budget	Special Notes
"Class "4" Cost Opinion: Estimated Range varies (-10%→+25%)"				
Project: Hatten, Booker, Neeson LS Improvements				
1- Design & Planning Costs:				
	Internal Services : MCWD Staff time (Eng, O&M,Finances)		\$ -	Project design completed
	External Services: (Attorneys, Consultants)		\$ 10,000	Design plans and specs
Total Design & Planning Cost:			\$ 10,000	
2- Construction & Installation Costs:				
	Internal Services : MCWD Staff time (Eng, O&M,Finances)		\$ 10,000	Including: Internal labor, Construction Management,
	External Services: (Contractors)		\$ 90,000	Including: Pre-packaged system, installation
Total Construction & Installation Costs:			\$ 100,000	
Property / Easement Acquisition:			\$ -	Replace within existing easement.

Ord Community Reserves

MARINA COAST WATER DISTRICT
ORD COMMUNITY RESERVE DETAIL
PROJECTED AS OF JUNE 30, 2015

EXHIBIT RES-1

	Ord Water	Ord Sewer	TOTALS
1 Description			
2 Debt Reserve Fund (2006 Bond)*	1,664,919	649,091	2,314,010
3 Debt Reserve Fund (2010 Bond)*	433,245	101,940	535,185
4 IOP CD Account*	1,701,243	400,292	2,101,535
6 Sub-total	<u>3,799,407</u>	<u>1,151,323</u>	<u>4,950,730</u>
7 Capital Reserves			-
8 Bond Series 2006 Construction Funds**	-	785,005	785,005
9 Capacity Charge/Capital Surcharge**	2,117,017	880,294	2,997,311
10 Capital Replacement**	773,773	711,886	1,485,659
11 Sub-total	<u>2,890,790</u>	<u>2,377,186</u>	<u>5,267,976</u>
12 General Operating Reserve	<u>1,153,781</u>	<u>566,487</u>	<u>1,720,268</u>
13 Total Projected Reserve as of 06-30-2015	<u>7,843,978</u>	<u>4,094,996</u>	<u>11,938,974</u>
14 FY 2015-2016 Operating Reserve			
15 Beginning operating reserve	1,153,781	566,487	1,720,268
16 Transfer IOP CD at Maturity 12/01/2015	1,701,243	400,292	2,101,535
17 Proposed transfers from operations - [A]	-	399,167	399,167
18 Due to/(Due From) Interfund Transfers	-	-	-
19 Proposed transfers to operations - [B]	(2,227,906)	(271,832)	(2,499,738)
20 Proposed Ending Balance at 06-30-2016	<u>627,118</u>	<u>1,094,114</u>	<u>1,721,232</u>
21 6 mths avg operating expenses required by Board***	3,179,893	816,785	3,996,678
22 Operating Reserve Balance over/(under) Board Policy Requirement as of 06-30-2016	<u>(2,552,775)</u>	<u>277,328</u>	<u>(2,275,447)</u>
23 FY 2015-2016 Capital Reserve			
24 Beginning capital reserve	2,890,790	2,377,186	5,267,976
25a Due to/(Due From) Interfund Transfers - Debt Service on Recycled Water Pipeline	(296,357)	-	
25b-1 Due to/(Due From) Interfund Transfers - To fund Design of Recycled Trunk Main Project	(750,000)		
25b-2 Due to/(Due From) Interfund Transfers - To fund 10% Design of RUWAP Desalination Project	(470,000)		
26 Proposed transfer from operations	200,000	100,000	300,000
27 Proposed transfer to/(from) capital reserve - [C]	(1,243,485)	(1,235,426)	(2,478,911)
28 Proposed Ending Balance at 06-30-2016	<u>330,948</u>	<u>1,241,760</u>	<u>1,572,708</u>
29 Capital minimum balance required by Board***	1,000,000	1,000,000	2,000,000
30 Capital Reserve Balance over/(under) Board Policy Requirement as of 06-30-2016	<u>(669,052)</u>	<u>241,760</u>	<u>(427,292)</u>
31 Transfer (From)/To Reserves A+B+C	<u>(3,471,391)</u>	<u>(1,108,091)</u>	<u>(4,579,482)</u>

Loan of \$14 million from Water Reserve Accounts to Regional Project is expected to be reimbursed through Regional Project financing/settlement

* Held by external Agencies

** Restricted to only capital spending

***Per Board Policy