

ALAMEDA COUNTY WATER DISTRICT M E M O R A N D U M

DATE: September 13, 2018
TO: Robert Shaver
FROM: Jonathan Wunderlich
SUBJECT: Connection Fee and Capacity Charge Accounting and Reporting

California Government Code Section 66013 was substantially amended in 1998 that imposed more stringent accounting and reporting requirements for fees collected for water connection and capacity charges. Capacity charge is defined as a charge for facilities in existence at the time a charge is imposed or charges for new facilities to be constructed in the future that are of benefit to the person or property being charged.

The accounting requirements provide that the District deposit its Facilities Connection Charges (FCC) and related interest earned into a separate Facilities Improvement Fund (FIF) and to account for those charges in a manner to avoid commingling with other monies of the District and to expend those charges only for the purposes for which the charges were collected.

The law also requires that this information simply be made available to the public within 180 days after the end of the fiscal year. Attached for information only is a copy of the District's annual Revenue and Expenditure Report for the fiscal year ended June 30, 2018 and report of Capital Projects budgeted for FY 2018/19 that fully comply with the accounting and reporting provisions of Government Code Section 66013.

CC: Ed Stevenson

**ALAMEDA COUNTY WATER DISTRICT
REVENUE & EXPENDITURES
MONTH ENDED 6/30/18**

Description	FIF %	YTD Total	FIF	GF	Bond Fund
Beginning GF & FIF Cash Balance		125,497,102	44,156,183	81,340,919	-
Revenue					
Water Revenue	0%	101,668,621	-	101,668,621	
Ground Water Revenue	0%	411,814	-	411,814	
Proceeds From Taxation	0%	10,630,455	-	10,630,455	
Interest	36%	1,982,532	710,849	1,271,683	
FCC	100%	12,352,031	12,352,031	-	
Customer Jobs Revenue	0%	5,981,605	-	5,981,605	
Other Revenue	0%	1,513,356	-	1,513,356	
Total Revenue	10%	134,540,415	13,062,880	121,477,535	-
Expenditures					
Distribution System Capital					
3. PR-1 Booster Station	50%	273,967	136,984	136,984	
4. Washington Booster Improvements (Phase 1 and 2)	0%	38,059	-	38,059	
5. Whitfield Zone 1 Flowmeter	20%	37,645	7,529	30,116	
6. Scott Creek Booster Station Improvements and Equipment Re	10%	11,836	1,184	10,653	
7. Avalon Heights Booster Improvements and Equipment Replac	10%	24,687	2,469	22,218	
9. Engineering Report for CIP	0%	57,448	-	57,448	
10. CIP Planning/Facility Assessments	0%	85,405	-	85,405	
11. Hazard Mitigation and Emergency Response Strategic Plannir	0%	-	-	-	
12. Cedar 1 Pump Renewal	0%	1,175	-	1,175	
14. Service Line Emergency Replacement Program	0%	1,221,830	-	1,221,830	
15. Service Line Incidental Replacement Program	0%	121,738	-	121,738	
16. Fault Crossing - Hose Procurement	20%	349,126	69,825	279,301	
18. Service Lines - Lead Evaluation	0%	11,166	-	11,166	
19. Water Meter Replacement Program - Large Meters	0%	200,823	-	200,823	
20. Water Meter Replacement Program - Medium Meters	0%	99,219	-	99,219	
21. Distribution System Large Valve Replacement Program	20%	63,014	12,603	50,411	
22. Main Relocations for SFPUC Bay Division Pipeline 3 & 4 Seis	20%	-	-	-	
23. Capitol Avenue Main Replacement	10%	28,465	2,847	25,619	
24. East West Connector Project	50%	-	-	-	
25. ACFC Crossings	0%	90,894	-	90,894	
26. Washington Boulevard/I-680 Pipeline Improvement Project	20%	1,204,702	240,940	963,762	
28. Main Renewal - MR3 Central Newark	20%	116,839	23,368	93,471	
29. Main Renewal - MR4 Cherry	20%	11,057	2,211	8,845	
31. Alvarado Niles Pipeline Seismic Improvement Project	20%	799,427	159,885	639,542	
32. Cathodic Protection Improvements and Additions	20%	18,725	3,745	14,980	
33. Regulator Site Improvements and Equipment Replacements	10%	-	-	-	
35. Desal Facility Improvements / Equipment Replacements	10%	13,798	1,380	12,418	
36. Membranes for Desal Facility	10%	2,480	248	2,232	
37. TP2 Filter Press Polymer System Upgrade	10%	101,367	10,137	91,231	
38. WTP No.2 Improvements and Equipment Replacements	10%	226,556	22,656	203,900	
40. Wellfield General Improvements and Equipment Replacement	10%	-	-	-	
43. Patterson Reservoir Remediation Project	20%	135,949	27,190	108,759	
44. Canyon Heights Tank Improvements	20%	163,399	32,680	130,719	
45. MSJ Tank Improvements	20%	7,667	1,533	6,134	
46. Avalon Tank Slope Stabilization Improvements	0%	165,581	-	165,581	
48. Distribution PLC Upgrade	10%	300,268	30,027	270,241	
49. Watershed SCADA additions to Distribution SCADA	10%	-	-	-	
50. WTP2 PLC Replacement	10%	1,256,571	125,657	1,130,913	
51. Communications Project - Production & Storage	10%	35,105	3,511	31,595	
52. Physical Security Upgrades at Critical District Facilities	10%	54,777	5,478	49,299	
53. Water Quality Laboratory Equipment Program	0%	-	-	-	
54. Mayhew Reservoir Overflow Outlet Improvements	0%	-	-	-	

**ALAMEDA COUNTY WATER DISTRICT
REVENUE & EXPENDITURES
MONTH ENDED 6/30/18**

Description	FIF %	YTD Total	FIF	GF	Bond Fund
55. Conservation Database and DLP reporting tool	20%	-	-	-	
56. Main Replacements	10%	24,589	2,459	22,130	
57. Meter Replacemt 5/8", 3/4" & 1	0%	280	-	280	
60. PR-1 Booster Station	50%	-	-	-	
61. BF Iron Horse Lane	75%	(2,369)	(1,777)	(592)	
62. BF Middlefield Reservoir Inlet	20%	1,179	236	943	
63. Main Renewal - MR1 Driscoll	20%	222,840	44,568	178,272	
64. SCADA Distribution Server	0%	33,812	-	33,812	
65. MSJWTP Access Road Erosion Mitigation Project	0%	1,628	-	1,628	
66. BF Tank and Reservoir Seismic Upgrades (Appian)	20%	10,874	2,175	8,700	
		-	-	-	
		-	-	-	
Total Distribution System Capital	13%	7,623,597	971,745	6,651,852	-
Groundwater Capital					
1. Kaiser Pond Diversion Improvement Project	20%	283,946	56,789	227,157	
2. Pit T-2 Slope Rehabilitation	20%	14,699	2,940	11,759	
3. Vallecitos Channel Betterments	20%	58,610	11,722	46,888	
4. Monitoring Well Construction Project	20%	-	-	-	
5. Shinn Pond Fish Screen	20%	119,365	23,873	95,492	
6. Rubber Dam 1 - Fish Ladder	20%	423,746	84,749	338,997	
7. Rubber Dam No. 3 Fabric Replacement	20%	657,618	131,524	526,094	
8. Rubber Dam No. 3 Fish Ladder	20%	1,897,777	379,555	1,518,222	
9. GW Supply Facilities Improv/Equip Replacements	0%	10,793	-	10,793	
10. Groundwater Recharge Facilities - Control Electrification	0%	-	-	-	
11. Old Jarvis Road Irrigation Well Destruction Grant Project	0%	688	-	688	
13. Communications Systems Projects - Alameda Creek	10%	28,194	2,819	25,374	
60. BF Rubber Dam #1 Bag Replacement	20%	168,926	33,785	135,141	
61. BF Rubber Dam No. 2 Larinier Fishway	0%	3,875	-	3,875	
62. DESAL PRODUCTION WELL EQUIPMEN	0%	130	-	130	
Total Groundwater Capital	20%	3,668,366	727,757	2,940,610	-
Vehicle Capital					
1. Vehicle Capital - Air Quality Reg'd Equip Upgrades	0%	157,253	-	157,253	
2. Vehicle Capital - Light Duty Vehicles	0%	133,657	-	133,657	
4. Portable Emergency Generator Plug Connections	10%	11,401	1,140	10,260	
5. Equipment and Tools - Distribution Maintenance	0%	-	-	-	
6. Equipment and Tools - Facilities Maintenance	0%	19,388	-	19,388	
7. Equipment and Tools - General Facilities	0%	8,489	-	8,489	
8. AV0151-H - PICKUP TRUCKS	0%	76,857	-	76,857	
Total Vehicle Capital	0%	407,045	1,140	405,905	-
Headquarter Facility Capital					
1. Headquarters Facility - Building Renovation Projects - New Of	100%	351,153	351,153	-	
2. Headquarter Facility -HVAC Upgrades	0%	89,404	-	89,404	
3. Board Room Audio-Visual Upgrades	0%	-	-	-	
4. Headquarters Facility Improvement/ Equipment Replacement	10%	-	-	-	
Total Headquarter Facility Capital	0%	440,557	351,153	89,404	-
Engineering Capital					
1. IT Custom Applications-DCJETS Replacement and Upgrades	100%	-	-	-	
2. IT - Cityworks for Groundwater Permits	30%	24,413	7,324	17,089	
3. ITMP - SharePoint	10%	16,689	1,669	15,020	
4. IT Infrastructure Upgrades - Capital	0%	74,531	-	74,531	
5. IT Records Management Project	10%	173,593	17,359	156,233	
6. Engineering Department - Capital Equipment and Materials	0%	5,157	-	5,157	
Total Engineering Capital	9%	294,382	26,352	268,030	-
Grand Total - Capital Expenditures	17%	12,433,947	2,078,147	10,355,800	-

**ALAMEDA COUNTY WATER DISTRICT
REVENUE & EXPENDITURES
MONTH ENDED 6/30/18**

Description	FIF %	YTD Total	FIF	GF	Bond Fund
Customer Jobs		4,687,037		4,687,037	-
Grand Total - Operating Expenses (includes Extraordinary Exp)	0%	85,105,875	-	85,105,875	
Retirement of Bonded Debt		6,373,281	-	6,373,281	
Total Expenditures (Capital, Expense & Debt)	2%	108,600,141	2,078,147	106,521,994	-
Ending Balance	36%	151,437,376	55,140,916	96,296,460	-
Reconciling Time Difference		2,032,379	-	2,032,379	-
Ending Cash Balance		153,469,755	55,140,916	98,328,839	-

**ALAMEDA COUNTY WATER DISTRICT
REVENUE & EXPENDITURES**

General Definitions

Facilities Connection Charge (FCC)

The Facilities Connection Charge applies to all new meter installations. For residential development, the charge is based on the number and type of dwelling unit(s). For nonresidential development, the charge is based on meter size. The charge is meant

Facilities Acreage Charge (FAC)

The Facilities Acreage Charge applies to developers of vacant property, or property not previously served by the District. The

Facilities Improvement Fund (FIF)

Fund designated to track revenues and expenditures of growth related facilities.

General Fund (G/F)

General group designation for all other funds to account for non-growth related activities including revenues, operating

**ALAMEDA COUNTY WATER DISTRICT
FY 2018/19 ADOPTED BUDGET - CAPITAL PROJECTS**

Description	FIF %	Total	FIF	GF
Distribution System Capital				
1. Canyon Heights Booster Station Upgrade/Replacement	10%	10,000	1,000	9,000
2. Seven Hills Booster Station Study and Upgrade	10%	10,000	1,000	9,000
3. PR-1 Booster Station	50%	150,000	75,000	75,000
4. Engineering Report for CIP	50%	486,900	243,450	243,450
5. Zone Valve Relocation - Warm Springs	20%	172,800	34,560	138,240
6. Main Relocations for SFPUC Bay Division Pipeline 3 & 4 Seismic Project	20%	1,535,000	307,000	1,228,000
7. East West Connector Project	50%	5,000	2,500	2,500
8. ACFC Crossings	0%	20,000	-	20,000
9. Main Renewal Program	10%	1,088,000	108,800	979,200
10. Main Renewal - MR1 Driscoll	20%	529,800	105,960	423,840
11. Main Renewal - MR3 Central Newark	20%	493,900	98,780	395,120
12. Main Renewal - MR4 Cherry	20%	200,100	40,020	160,080
13. Main Renewal - MR5 Patterson	20%	160,000	32,000	128,000
14. Alvarado Niles Pipeline Seismic Improvement Project	20%	4,480,100	896,020	3,584,080
15. Cathodic Protection Improvements and Additions	20%	264,100	52,820	211,280
16. MSJWTP - Replace Diesel Generator and Cooling System	0%	228,000	-	228,000
17. Patterson Reservoir Remediation Project	20%	313,400	62,680	250,720
18. Canyon Heights Tank Improvements	20%	272,300	54,460	217,840
19. MSJ Tank Improvements	20%	148,400	29,680	118,720
20. WTP2 PLC Replacement	10%	75,200	7,520	67,680
21. Communications Project - Production & Storage	10%	128,000	12,800	115,200
22. Electronic Operating Logs	0%	50,000	-	50,000
23. Curtner Road Booster Station Upgrade	10%	84,000	8,400	75,600
24. Scott Creek Booster Station Improvements and Equipment Replacements	10%	15,000	1,500	13,500
25. Avalon Heights Booster Improvements and Equipment Replacements	10%	39,500	3,950	35,550
26. Hazard Mitigation and Emergency Response Strategic Planning	0%	318,000	-	318,000
27. Desal Production Well Equipment Replacement	0%	125,000	-	125,000
28. Service Line Emergency Replacement Program	0%	1,488,200	-	1,488,200
29. Service Line Incidental Replacement Program	0%	200,000	-	200,000
30. Advanced Metering Infrastructure	10%	1,494,000	149,400	1,344,600
31. Service Lines - Lead Evaluation	0%	78,000	-	78,000
32. Water Meter Replacement Program - Large Meters	0%	288,000	-	288,000
33. Water Meter Replacement Program - Medium Meters	0%	280,000	-	280,000
34. Distribution System Large Valve Replacement Program	20%	200,600	40,120	160,480
35. Regulator Site Improvements and Equipment Replacements	10%	39,000	3,900	35,100
36. Durham Take-off Improvements	0%	35,000	-	35,000
37. PT Blending Facility Improvements and Equipment Replacements	10%	30,000	3,000	27,000
38. Re-pipe Blending Facility S-1 sample line	0%	50,000	-	50,000
39. Desal Facility Improvements / Equipment Replacements	10%	240,000	24,000	216,000
40. Membranes for Desal Facility	10%	1,234,000	123,400	1,110,600
41. TP2 Filter Press Polymer System Upgrade	10%	50,000	5,000	45,000
42. WTP No2 Improvements and Equipment Replacements	10%	252,000	25,200	226,800
43. Mowry and PT Wellfields - Replacement Pumping Equipment	10%	87,000	8,700	78,300
44. Wellfield General Improvements and Equipment Replacements	10%	259,000	25,900	233,100
45. Whitfield Water Quality Improvements	20%	72,800	14,560	58,240
46. SCADA Replacements & Upgrades	10%	10,000	1,000	9,000
47. Distribution PLC Upgrade	10%	710,000	71,000	639,000
48. Watershed SCADA additions to Distribution SCADA	10%	33,000	3,300	29,700
49. Physical Security Upgrades at Critical District Facilities	10%	187,400	18,740	168,660
Total Distribution System Capital	14%	18,720,500	2,697,120	16,023,380
Groundwater Capital				
1. Kaiser Pond Diversion Improvement Project	20%	120,000	24,000	96,000
2. Pit T-2 Slope Rehabilitation	20%	30,000	6,000	24,000
3. Vallecitos Channel Betterments	20%	337,600	67,500	270,100
4. Shinn Pond Fish Screen	20%	86,800	17,400	69,400
5. Rubber Dam 1 - Fish Ladder	20%	1,798,800	359,800	1,439,000
6. Rubber Dam No 3 Fabric Replacement	20%	545,000	109,000	436,000
7. Rubber Dam No 3 Fish Ladder	20%	7,886,000	1,577,200	6,308,800
8. Communications Systems Projects - Alameda Creek	10%	50,000	5,000	45,000
9. New Aquifer Reclamation Program Well	0%	295,600	-	295,600
10. Monitoring Well Construction Project	20%	19,600	3,900	15,700

**ALAMEDA COUNTY WATER DISTRICT
FY 2018/19 ADOPTED BUDGET - CAPITAL PROJECTS**

<u>Description</u>	<u>FIF %</u>	<u>Total</u>	<u>FIF</u>	<u>GF</u>
11. GW Supply Facilities Improv/Equip Replacements	0%	40,000	-	40,000
12. Groundwater Recharge Facilities - Control Electrification	0%	54,000	-	54,000
13. Old Jarvis Road Irrigation Well Destruction Grant Project	0%	290,300	-	290,300
14. G-G 7001 Groundwater Basin Flow Model (Upgrade)	50%	184,000	92,000	92,000
Total Groundwater Capital	19%	11,737,700	2,261,800	9,475,900
Vehicle Capital				
1. Vehicle Capital - Light Duty Vehicles	0%	220,000	-	220,000
2. Vehicle Capital - Heavy -Duty Vehicles	0%	125,000	-	125,000
3. Portable Emergency Generator Plug Connections	10%	10,000	1,000	9,000
4. Equipment and Tools - Distribution Maintenance	0%	95,000	-	95,000
5. Equipment and Tools - Facilities Maintenance	0%	15,000	-	15,000
6. Equipment and Tools - General Facilities	0%	10,000	-	10,000
Total Vehicle Capital	0%	475,000	1,000	474,000
Headquarter Facility Capital				
1. Board Room Audio-Visual Upgrades	0%	115,000	-	115,000
2. Headquarter Facility -HVAC Upgrades	0%	31,200	-	31,200
3. Headquarters Facility Improvement/ Equipment Replacement	10%	203,000	20,300	182,700
Total Headquarter Facility Capital	6%	349,200	20,300	328,900
Engineering Capital				
1. IT Custom Applications-DCJETS Replacement and Upgrades	100%	265,000	265,000	-
2. IT - Cityworks for Groundwater Permits	30%	122,000	36,600	85,400
3. IT Infrastructure Upgrades - Capital	0%	135,000	-	135,000
4. IT Records Management Project	10%	774,000	77,400	696,600
5. Engineering Department - Capital Equipment and Materials	0%	5,000	-	5,000
Total Engineering Capital	29%	1,301,000	379,000	922,000
Grand Total - Capital Projects	16%	32,583,400	5,359,220	27,224,180