

# Central Davis Sewer District

# BUDGET 2015

Preliminary



November 13, 2014

# Central Davis Sewer District - 2015 Budget

## TREATMENT PLANT - 2014 - 2015 Prelim

	Expended 2013	Budget 2014	To Date Expended 2014	Forecast To Go 2014	Forecast Total 2014	Budget 2015
<b>OPERATING REVENUES</b>						
Service Charges	2,532,944	2,527,000	1,958,447	643,553	2,602,000	2,702,000
Property Taxes	675,198	630,000	86,528	563,472	650,000	650,000
<b>Total Oper. Revenue</b>	<b>3,208,142</b>	<b>3,157,000</b>	<b>2,044,975</b>	<b>1,207,025</b>	<b>3,252,000</b>	<b>3,352,000</b>
<b>OPERATING EXPENSES</b>						
Salaries & Wages	578,560	617,000	541,179	103,821	645,000	640,000
Employee Benefits	281,658	290,000	268,988	47,012	316,000	314,000
Board of Trustee Fees	25,000	25,000	20,833	4,167	25,000	25,000
Office Supply/Expense	23,385	26,000	20,065	4,935	25,000	26,000
Repairs & Maintenance	388,697	408,000	286,712	131,288	418,000	437,000
Utilities	310,339	291,000	236,923	58,077	295,000	302,000
Chemicals	59,790	86,000	49,814	18,186	68,000	130,000
Chemical Analysis	42,058	45,000	35,105	13,895	49,000	55,000
Professional Services	143,075	161,000	105,486	36,514	142,000	181,000
Insurance & Bonds	50,731	64,000	55,290	3,710	59,000	63,000
Miscellaneous	26,347	28,000	25,450	7,550	33,000	33,000
Depreciation	1,236,666	1,310,000	1,091,667	108,333	1,200,000	1,260,000
<b>Total Oper. Expense</b>	<b>3,166,306</b>	<b>3,351,000</b>	<b>2,737,511</b>	<b>537,489</b>	<b>3,275,000</b>	<b>3,466,000</b>
<b>OPERATING INCOME</b>	<b>41,836</b>	<b>(194,000)</b>	<b>(692,536)</b>	<b>669,536</b>	<b>(23,000)</b>	<b>(114,000)</b>
<b>NON-OPERATING INCOME (EXPENSE)</b>						
Interest Income	28,450	29,000	22,528	7,472	30,000	30,000
Impact Fees	844,531	510,000	561,235	119,765	681,000	544,000
Sundry Revenue	67,126	69,000	52,316	5,684	58,000	60,000
Interest on Bonds	(9,510)	(9,000)	0	(9,000)	(9,000)	(8,000)
Revenue Bond Proceeds	0	0	0	0	0	0
<b>Non-Oper Inc./Loss</b>	<b>930,597</b>	<b>599,000</b>	<b>636,079</b>	<b>123,921</b>	<b>760,000</b>	<b>626,000</b>
<b>GROSS INCOME</b>	<b>972,433</b>	<b>405,000</b>	<b>(56,457)</b>	<b>793,457</b>	<b>737,000</b>	<b>512,000</b>
<b>OTHER EXPENDITURES</b>						
Bond Retirement	154,000	155,000	0	155,000	155,000	155,000
Capital Improvements	726,063	490,000	356,051	180,949	537,000	2,626,000
<b>Total Other Expenditures</b>	<b>880,063</b>	<b>645,000</b>	<b>356,051</b>	<b>335,949</b>	<b>692,000</b>	<b>2,781,000</b>
<b>NET INCOME</b>	<b>92,370</b>	<b>(240,000)</b>	<b>(412,508)</b>	<b>457,508</b>	<b>45,000</b>	<b>(2,269,000)</b>
<b>ADD DEPRECIATION</b>	<b>1,236,666</b>	<b>1,310,000</b>	<b>1,091,667</b>	<b>108,333</b>	<b>1,200,000</b>	<b>1,260,000</b>
<b>CASH INCR/DECR.</b>	<b>1,329,036</b>	<b>1,070,000</b>	<b>679,158</b>	<b>565,842</b>	<b>1,245,000</b>	<b>(1,009,000)</b>

# Central Davis Sewer District - 2015 Budget

## COLLECTIONS SYSTEM - 2014 - 2015 Prelim

	Expended 2013	Budget 2014	To Date Expended 2014	Forecast To Go 2014	Forecast Total 2014	Budget 2015
<b>OPERATING REVENUES</b>						
Service Charges	875,824	880,000	672,093	224,907	897,000	994,000
Property Taxes	0	0	0	0	0	0
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
Total Oper. Revenue	875,824	880,000	672,093	224,907	897,000	994,000
<b>OPERATING EXPENSES</b>						
Salaries & Wages	536,063	607,000	445,413	112,587	558,000	603,000
Employee Benefits	260,970	286,000	221,388	52,612	274,000	296,000
Office Supply/Expense	11,045	14,000	9,393	3,607	13,000	14,000
General Maintenance	62,600	82,000	40,716	27,284	68,000	80,000
Collection Repairs/Claims	190,595	118,000	64,927	50,073	115,000	124,000
Professional Services	14,053	22,000	14,531	8,469	23,000	23,000
Insurance & Bonds	43,500	47,000	45,000	1,000	46,000	50,000
Miscellaneous	14,543	19,000	6,097	9,903	16,000	18,000
Depreciation	445,705	471,000	392,500	53,500	446,000	471,000
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Total Oper. Expense	1,579,074	1,666,000	1,239,965	319,035	1,559,000	1,679,000
<b>GROSS INCOME</b>	<b>(703,250)</b>	<b>(786,000)</b>	<b>(567,872)</b>	<b>(94,128)</b>	<b>(662,000)</b>	<b>(685,000)</b>
<b>OTHER ITEMS</b>						
Sundry Revenue	200	0	200	0	200	0
Capital Improvements	169,294	596,000	129,728	190,272	320,000	571,000
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Total Other Expenditures	169,094	596,000	129,528	190,272	319,800	571,000
<b>NET INCOME</b>	<b>(872,344)</b>	<b>(1,382,000)</b>	<b>(697,400)</b>	<b>(284,400)</b>	<b>(981,800)</b>	<b>(1,256,000)</b>
<b>ADD DEPRECIATION</b>	<b>445,705</b>	<b>471,000</b>	<b>392,500</b>	<b>53,500</b>	<b>446,000</b>	<b>471,000</b>
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<b>CASH INCR/DECR.</b>	<b>(426,639)</b>	<b>(911,000)</b>	<b>(304,900)</b>	<b>(230,900)</b>	<b>(535,800)</b>	<b>(785,000)</b>

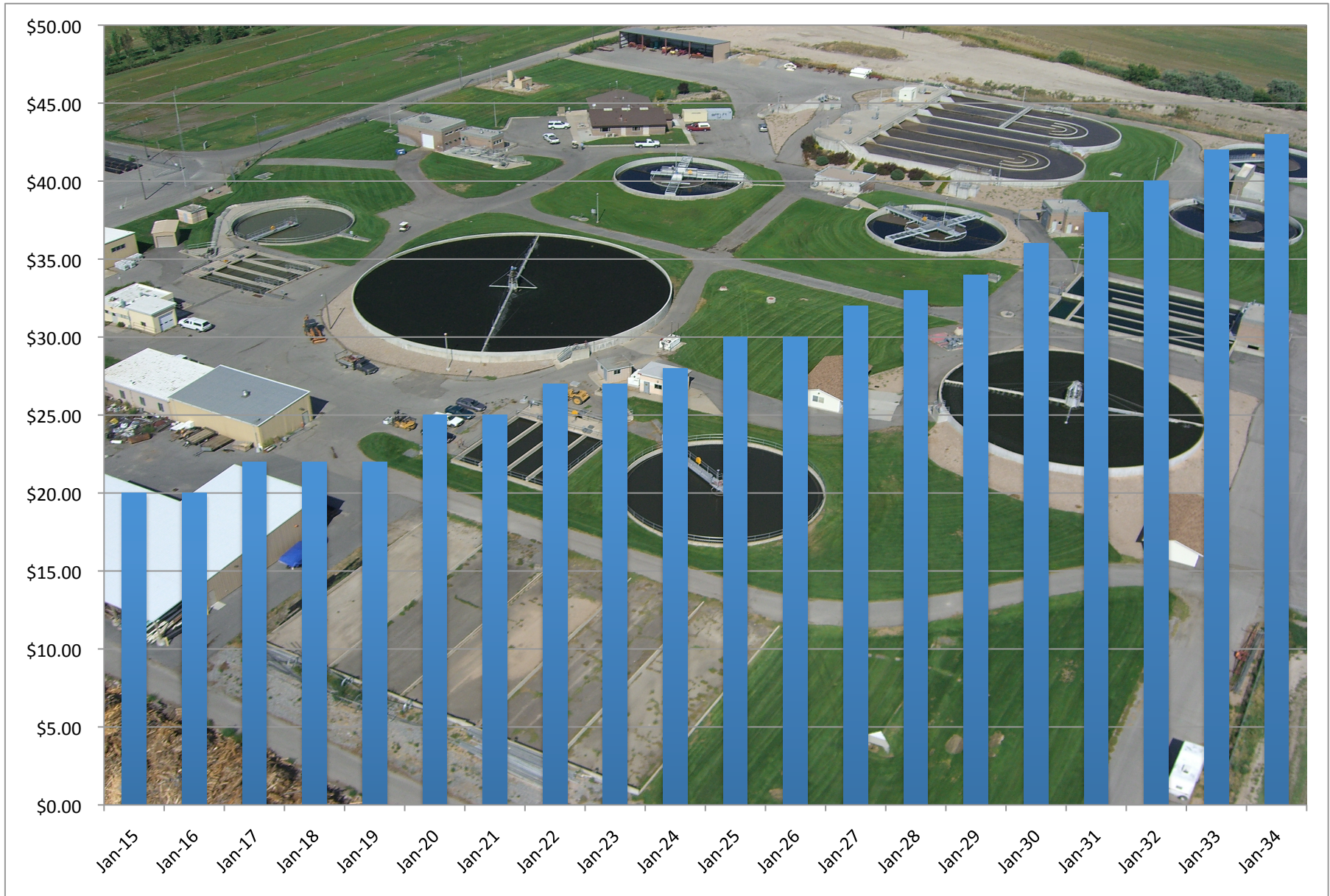


# Central Davis Sewer District - 2015 Budget

## TREATMENT PLANT AND COLLECTION SYSTEM - 2014 - 2015 - Prelim

	Expended 2013	Budget 2014	To Date Expended 2014	Forecast To Go 2014	Forecast Total 2014	Budget 2015
<b>OPERATING REVENUES</b>						
Service Charges	3,408,768	3,407,000	2,630,540	868,460	3,499,000	3,696,000
Property Taxes	675,198	630,000	86,528	563,472	650,000	650,000
<b>Total Oper. Revenue</b>	<b>4,083,966</b>	<b>4,037,000</b>	<b>2,717,068</b>	<b>1,431,932</b>	<b>4,149,000</b>	<b>4,346,000</b>
<b>OPERATING EXPENSES</b>						
Salaries & Wages	1,114,623	1,224,000	986,592	216,408	1,203,000	1,243,000
Employee Benefits	542,628	576,000	490,376	99,624	590,000	610,000
Board of Trustee Fees	25,000	25,000	20,833	4,167	25,000	25,000
Office Supply/Expense	34,430	40,000	29,458	8,542	38,000	40,000
Repairs & Maintenance	451,297	490,000	327,428	158,572	486,000	517,000
Utilities	310,339	291,000	236,923	58,077	295,000	302,000
Trunk System Repairs	190,595	118,000	64,927	50,073	115,000	124,000
Chemicals	59,790	86,000	49,814	18,186	68,000	130,000
Chemical Analysis	42,058	45,000	35,105	13,895	49,000	55,000
Professional Services	157,128	183,000	120,017	44,983	165,000	204,000
Insurance & Bonds	94,231	111,000	100,290	4,710	105,000	113,000
Miscellaneous	40,890	47,000	31,547	17,453	49,000	51,000
Depreciation	1,682,371	1,781,000	1,484,167	161,833	1,646,000	1,731,000
<b>Total Oper. Expense</b>	<b>4,745,380</b>	<b>5,017,000</b>	<b>3,977,477</b>	<b>856,523</b>	<b>4,834,000</b>	<b>5,145,000</b>
<b>OPERATING INCOME</b>	<b>(661,414)</b>	<b>(980,000)</b>	<b>(1,260,409)</b>	<b>575,409</b>	<b>(685,000)</b>	<b>(799,000)</b>
<b>NON-OPERATING INCOME (EXPENSE)</b>						
Interest Income	28,450	29,000	22,528	7,472	30,000	30,000
Impact Fees	844,531	510,000	561,235	119,765	681,000	544,000
Sundry Revenue	67,326	69,000	52,516	5,684	58,200	60,000
Interest on Bonds	(9,510)	(9,000)	0	(9,000)	(9,000)	(8,000)
Revenue Bond Proceeds	0	0	0	0	0	0
<b>Non-Oper Inc./Loss</b>	<b>930,797</b>	<b>599,000</b>	<b>636,279</b>	<b>123,921</b>	<b>760,200</b>	<b>626,000</b>
<b>GROSS INCOME</b>	<b>269,383</b>	<b>(381,000)</b>	<b>(624,130)</b>	<b>699,330</b>	<b>75,200</b>	<b>(173,000)</b>
<b>OTHER EXPENDITURES</b>						
Bond Retirement	154,000	155,000	0	155,000	155,000	155,000
Capital Improvements	895,357	1,086,000	485,779	371,221	857,000	3,197,000
<b>Total Other Expenditures</b>	<b>1,049,357</b>	<b>1,241,000</b>	<b>485,779</b>	<b>526,221</b>	<b>1,012,000</b>	<b>3,352,000</b>
<b>NET INCOME</b>	<b>(779,974)</b>	<b>(1,622,000)</b>	<b>(1,109,909)</b>	<b>173,109</b>	<b>(936,800)</b>	<b>(3,525,000)</b>
<b>ADD DEPRECIATION</b>	<b>1,682,371</b>	<b>1,781,000</b>	<b>1,484,167</b>	<b>161,833</b>	<b>1,646,000</b>	<b>1,731,000</b>
<b>CASH INCR/DECR.</b>	<b>902,397</b>	<b>159,000</b>	<b>374,258</b>	<b>334,942</b>	<b>709,200</b>	<b>(1,794,000)</b>

# CDSD Rates Forecast



**Central Davis Sewer District  
 RATE STUDY - NOVEMBER, 2014  
 For Budget Year 2015  
 RESERVE FUND**

ITEM	Jan-15	Jan-16	Jan-17	Jan-18	Jan-19
Cash Reserves	\$5,330,180	\$5,216,222	\$5,381,575	\$5,423,059	\$5,219,716
	Jan-20	Jan-21	Jan-22	Jan-23	Jan-24
Cash Reserves	\$5,291,050	\$5,077,188	\$5,099,554	\$4,926,482	\$5,404,538
	Jan-25	Jan-26	Jan-27	Jan-28	Jan-29
Cash Reserves	\$5,394,633	\$5,315,946	\$5,432,352	\$5,253,672	\$4,931,043
	Jan-30	Jan-31	Jan-32	Jan-33	Jan-34
Cash Reserves	\$4,670,687	\$4,529,980	\$4,495,231	\$4,351,758	\$4,052,686

**Central Davis Sewer District**  
**RATE STUDY - NOVEMBER, 2014**  
For Budget Year 2015

**GENERAL INFORMATION**

ESTIMATED POPULATION	56,270 2013 Census Estimate											
EST RESIDENTIAL CONN	14,457											
PERSONS/CONNECTION	3.9											
EST COMMERCIAL CONN	599											
CONNECTION FEE	\$1,700											
RESIDENT RATE/MO	\$20.00	\$20.00	\$22.00	\$22.00	\$22.00	\$25.00	\$25.00	\$27.00	\$27.00	\$28.00	\$30.00	\$30.00
CURRENT TAX REVENUE	610,000											

ITEM	Jan-15	Jan-16	Jan-17	Jan-18	Jan-19	Jan-20	Jan-21	Jan-22	Jan-23	Jan-24	Jan-25	Jan-26
<b>POPULATION/CONNECTIONS</b>												
PROJECTED POPULATION	56,270	57,070	57,870	58,670	59,470	60,270	60,770	61,270	61,770	62,270	62,770	63,270
NEW RESIDENTIAL CONN.	275	206	206	206	206	206	128	128	128	128	128	128
RESIDENTIAL CONNECT.	14,732	14,938	15,143	15,349	15,554	15,760	15,888	16,016	16,144	16,273	16,401	16,530
COMMERCIAL CONNECT.	605	611	617	623	630	636	642	649	655	662	668	675
<b>CAPITAL PROJECT REVENUES</b>												
CONNECTION FEES	467,500	349,414	349,414	349,414	349,414	349,414	217,600	217,600	218,384	218,384	218,384	218,384
BALANCE PREVIOUS	7,000,000	5,330,180	5,216,222	5,381,575	5,423,059	5,219,716	5,291,050	5,077,188	5,099,554	5,626,482	5,404,538	5,394,633
FROM THIS YR O&M	1,039,680	909,978	1,189,858	1,065,162	820,128	1,295,821	1,142,083	1,379,381	1,183,046	1,131,541	1,344,688	1,275,957
INTEREST INCOME	20,000	26,651	26,081	26,908	27,115	26,099	26,455	25,386	25,498	28,132	27,023	26,973
<b>BONDING REVENUES</b>												
AMOUNT USED THIS YR	3,197,000	1,400,000	1,400,000	1,400,000	1,400,000	1,600,000	1,600,000	1,600,000	1,600,000	1,600,000	1,600,000	1,600,000
BALANCE ON HAND - Yr End	5,330,180	5,216,222	5,381,575	5,423,059	5,219,716	5,291,050	5,077,188	5,099,554	4,926,482	5,404,538	5,394,633	5,315,946
<b>OPERATING REVENUES</b>												
RESIDENTIAL RATES	3,469,680	3,535,680	3,943,510	3,997,772	4,052,034	4,666,245	4,727,906	5,147,611	5,189,083	5,424,434	5,858,140	5,904,386
COMMERCIAL RATES	318,000	321,180	356,831	360,399	364,003	417,776	421,954	460,268	464,870	486,909	526,905	532,174
LARGE COMMERCIAL	90,000	100,000	110,000	110,000	110,000	125,000	125,000	135,000	135,000	140,000	150,000	150,000
SUNDRY REVENUE	60,000	60,600	61,206	61,818	62,436	63,061	63,691	64,328	64,971	65,621	66,277	66,940
TAX REVENUE	650,000	654,440	658,879	663,319	667,758	672,198	674,963	677,728	680,502	683,277	686,052	688,827
TOTAL OPER. REVENUE	4,587,680	4,671,900	5,130,426	5,193,308	5,256,232	5,944,280	6,013,515	6,484,934	6,534,427	6,800,241	7,287,374	7,342,326
<b>OPERATING EXPENDITURES</b>												
OPERATIONS & MAINT.	3,384,000	3,597,922	3,776,568	3,964,147	4,272,104	4,484,459	4,707,432	4,941,554	5,187,381	5,504,700	5,778,685	6,066,370
<b>NET REVENUE</b>	1,203,680	1,073,978	1,353,858	1,229,162	984,128	1,459,821	1,306,083	1,543,381	1,347,046	1,295,541	1,508,688	1,275,957
All Outstanding Bonds	164,000	164,000	164,000	164,000	164,000	164,000	164,000	164,000	164,000	164,000	164,000	
Other Bonding												
TOTAL DEBT SERVICE	164,000	164,000	164,000	164,000	164,000	164,000	164,000	164,000	164,000	164,000	164,000	0
<b>TOTAL EXPENSES</b>	3,548,000	3,761,922	3,940,568	4,128,147	4,436,104	4,648,459	4,871,432	5,105,554	5,351,381	5,668,700	5,942,685	6,066,370
<b>AVAIL. FOR PROJECT</b>	1,039,680	909,978	1,189,858	1,065,162	820,128	1,295,821	1,142,083	1,379,381	1,183,046	1,131,541	1,344,688	1,275,957

**Central Davis Sewer District**  
**RATE STUDY - NOVEMBER, 2014**  
For Budget Year 2015

**GENERAL INFORMATION**

ESTIMATED POPULATION  
EST RESIDENTIAL CONN  
PERSONS/CONNECTION  
EST COMMERCIAL CONN  
CONNECTION FEE

RESIDENT RATE/MO.	\$32.00	\$33.00	\$34.00	\$36.00	\$38.00	\$40.00	\$42.00	\$43.00
CURRENT TAX REVENUE								

ITEM	Jan-27	Jan-28	Jan-29	Jan-30	Jan-31	Jan-32	Jan-33	Jan-34
<b>POPULATION/CONNECTIONS</b>								
PROJECTED POPULATION	63,770	64,270	64,570	64,870	65,170	65,470	65,770	66,070
NEW RESIDENTIAL CONN.	128	128	75	75	75	75	75	75
RESIDENTIAL CONNECT.	16,658	16,786	16,861	16,936	17,011	17,086	17,161	17,236
COMMERCIAL CONNECT.	682	689	695	702	709	716	724	731
<b>CAPITAL PROJECT REVENUES</b>								
CONNECTION FEES	218,384	218,384	127,500	127,500	127,500	127,500	127,500	127,500
BALANCE PREVIOUS	5,315,946	5,432,352	5,253,672	4,931,043	4,670,687	4,529,980	4,495,231	4,351,758
FROM THIS YR O&M	1,471,442	1,375,775	1,323,603	1,387,489	1,508,440	1,615,102	1,706,550	1,551,669
INTEREST INCOME	26,580	27,162	26,268	24,655	23,353	22,650	22,476	21,759
<b>BONDING REVENUES</b>								
AMOUNT USED THIS YR	1,600,000	1,800,000	1,800,000	1,800,000	1,800,000	1,800,000	2,000,000	2,000,000
BALANCE ON HAND - Yr End	5,432,352	5,253,672	4,931,043	4,670,687	4,529,980	4,495,231	4,351,758	4,052,686
<b>OPERATING REVENUES</b>								
RESIDENTIAL RATES	6,347,340	6,596,565	6,848,873	7,284,148	7,723,023	8,165,498	8,611,573	8,855,310
COMMERCIAL RATES	573,329	597,158	621,406	664,539	708,472	753,218	798,787	825,984
LARGE COMMERCIAL	160,000	165,000	170,000	180,000	190,000	200,000	210,000	215,000
SUNDRY REVENUE	67,610	68,286	68,968	69,658	70,355	71,058	71,769	72,487
TAX REVENUE	691,601	694,376	695,996	697,616	699,236	700,856	702,476	704,096
TOTAL OPER. REVENUE	7,839,880	8,121,385	8,405,244	8,895,961	9,391,086	9,890,630	10,394,605	10,672,877
<b>OPERATING EXPENDITURES</b>								
OPERATIONS & MAINT.	6,368,438	6,745,610	7,081,640	7,508,473	7,882,646	8,275,528	8,688,055	9,121,208
<b>NET REVENUE</b>	1,471,442	1,375,775	1,323,603	1,387,489	1,508,440	1,615,102	1,706,550	1,551,669
All Outstanding Bonds			0	0	0	0	0	0
Other Bonding								
TOTAL DEBT SERVICE	0	0	0	0	0	0	0	0
<b>TOTAL EXPENSES</b>	6,368,438	6,745,610	7,081,640	7,508,473	7,882,646	8,275,528	8,688,055	9,121,208
<b>AVAIL. FOR PROJECT</b>	1,471,442	1,375,775	1,323,603	1,387,489	1,508,440	1,615,102	1,706,550	1,551,669

**ASSUMPTIONS**

1. Growth in commercial connections estimated at 1% per year.
2. Residential revenue equals yearly rate times previous years units.
3. Commercial revenue basis: 2013 revenue factored by rate changes
4. Tax revenue assumed to remain at a constant tax rate.
5. Interest Income assumed to be 0.5%.



**Central Davis Sewer District**  
**RATE STUDY - NOVEMBER, 2014**  
For Budget Year 2015

ITEM	Jan-15	Jan-16	Jan-17	Jan-18	Jan-19	Jan-20	Jan-21	Jan-22	Jan-23	Jan-24	Jan-25
<b>OPERATING COSTS</b>											
Salaries & Wages	1,243,000	1,305,150	1,370,408	1,438,928	1,585,874	1,665,168	1,748,426	1,835,848	1,927,640	2,064,022	2,167,223
Employee Benefits	610,000	626,472	657,796	690,685	761,220	799,281	839,245	881,207	925,267	990,731	1,040,267
Board of Trustee Fees	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000
Office Supply/Expense	40,000	42,000	44,100	46,305	48,620	51,051	53,604	56,284	59,098	62,053	65,156
Repairs & Maintenance	517,000	542,850	569,993	598,492	628,417	659,838	692,829	727,471	763,844	802,037	842,139
Utilities	302,000	317,100	332,955	349,603	367,083	385,437	404,709	424,944	446,192	468,501	491,926
Trunk System Repairs	124,000	130,200	136,710	143,546	150,723	158,259	166,172	174,480	183,204	192,365	201,983
Chemicals	130,000	196,500	206,325	216,641	227,473	238,847	250,789	263,329	276,495	290,320	304,836
Chemical Analysis	45,000	47,250	49,613	52,093	54,698	57,433	60,304	63,320	66,485	69,810	73,300
Professional Services	184,000	193,200	202,860	213,003	223,653	234,836	246,578	258,906	271,852	285,444	299,717
Insurance & Bonds	113,000	118,650	124,583	130,812	137,352	144,220	151,431	159,002	166,952	175,300	184,065
Miscellaneous	51,000	53,550	56,228	59,039	61,991	65,090	68,345	71,762	75,350	79,118	83,074
<b>TOTAL O &amp; M BUDGET</b>	<b>3,384,000</b>	<b>3,597,922</b>	<b>3,776,568</b>	<b>3,964,147</b>	<b>4,272,104</b>	<b>4,484,459</b>	<b>4,707,432</b>	<b>4,941,554</b>	<b>5,187,381</b>	<b>5,504,700</b>	<b>5,778,685</b>

**EXPANSION CAPITAL**

PLANT EXPANSION	2,626,000	1,100,000	800,000	800,000	800,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
LINE EXPANSION	571,000	300,000	600,000	600,000	600,000	600,000	600,000	600,000	600,000	600,000	600,000
<b>REQUIRED CAPITAL</b>	<b>3,197,000</b>	<b>1,400,000</b>	<b>1,400,000</b>	<b>1,400,000</b>	<b>1,400,000</b>	<b>1,600,000</b>	<b>1,600,000</b>	<b>1,600,000</b>	<b>1,600,000</b>	<b>1,600,000</b>	<b>1,600,000</b>

**LARGE COMMERCIAL**

LAGOON & P.V. CAMP	90,000	100,000	110,000	110,000	110,000	125,000	125,000	135,000	135,000	140,000	150,000
<b>LARGE COMMERCIAL</b>	<b>90,000</b>	<b>100,000</b>	<b>110,000</b>	<b>110,000</b>	<b>110,000</b>	<b>125,000</b>	<b>125,000</b>	<b>135,000</b>	<b>135,000</b>	<b>140,000</b>	<b>150,000</b>

**Central Davis Sewer District**  
**RATE STUDY - NOVEMBER, 2014**  
For Budget Year 2015

ITEM	Jan-26	Jan-27	Jan-28	Jan-29	Jan-30	Jan-31	Jan-32	Jan-33	Jan-34
<b>OPERATING COSTS</b>									
Salaries & Wages	2,275,584	2,389,364	2,508,832	2,634,273	2,815,987	2,956,786	3,104,626	3,259,857	3,422,850
Employee Benefits	1,092,280	1,146,895	1,204,239	1,264,451	1,351,674	1,419,257	1,490,220	1,564,731	1,642,968
Board of Trustee Fees	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000
Office Supply/Expense	68,414	71,834	75,426	79,197	83,157	87,315	91,681	96,265	101,078
Repairs & Maintenance	884,245	928,458	1,034,881	1,086,625	1,140,956	1,198,004	1,257,904	1,320,799	1,386,839
Utilities	516,522	542,349	569,466	597,939	627,836	659,228	692,190	726,799	763,139
Trunk System Repairs	212,082	222,686	233,820	245,512	257,787	270,676	284,210	298,421	313,342
Chemicals	320,078	336,082	352,886	370,530	389,057	408,509	428,935	450,382	472,901
Chemical Analysis	76,965	80,814	84,854	89,097	93,552	98,229	103,141	108,298	113,713
Professional Services	314,702	330,438	346,959	364,307	382,523	401,649	421,731	442,818	464,959
Insurance & Bonds	193,268	202,932	213,078	223,732	234,919	246,665	258,998	271,948	285,545
Miscellaneous	87,227	91,589	96,168	100,977	106,025	111,327	116,893	122,738	128,874
<b>TOTAL O &amp; M BUDGET</b>	<b>6,066,370</b>	<b>6,368,438</b>	<b>6,745,610</b>	<b>7,081,640</b>	<b>7,508,473</b>	<b>7,882,646</b>	<b>8,275,528</b>	<b>8,688,055</b>	<b>9,121,208</b>

**ASSUMPTIONS:**

1. Additional Staff added in periodically.
2. Present costs escalated 5% per year
3. Benefits and burdens remain at about 45%.

**EXPANSION CAPITAL**

PLANT EXPANSION	1,000,000	1,000,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
LINE EXPANSION	600,000	600,000	600,000	600,000	600,000	600,000	600,000	800,000	800,000
<b>REQUIRED CAPITAL</b>	<b>1,600,000</b>	<b>1,600,000</b>	<b>1,800,000</b>	<b>1,800,000</b>	<b>1,800,000</b>	<b>1,800,000</b>	<b>1,800,000</b>	<b>2,000,000</b>	<b>2,000,000</b>

**ASSUMPTIONS:**

1. Project costs track depreciation with larger projects periodically.
2. No major regulatory changes occur.

**LARGE COMMERCIAL**

LAGOON & P.V. CAMP	150,000	160,000	165,000	170,000	180,000	190,000	200,000	210,000	215,000
<b>LARGE COMMERCIAL</b>	<b>150,000</b>	<b>160,000</b>	<b>165,000</b>	<b>170,000</b>	<b>180,000</b>	<b>190,000</b>	<b>200,000</b>	<b>210,000</b>	<b>215,000</b>

**Central Davis Sewer District**  
**RATE STUDY - NOVEMBER, 2014**  
For Budget Year 2015

ITEM	Jan-15	Jan-16	Jan-17	Jan-18	Jan-19	Jan-20	Jan-21	Jan-22	Jan-23	Jan-24	Jan-25
<b>ITEM</b>											
RESIDENT RATE/MO.	14.00	14.00	15.00	15.00	15.00	17.00	17.00	18.00	18.00	18.00	19.00
COLLECTION RATE	6.00	6.00	7.00	7.00	7.00	8.00	8.00	9.00	9.00	10.00	11.00
<b>TOTAL MONTHLY RATE</b>	<b>\$20.00</b>	<b>\$20.00</b>	<b>\$22.00</b>	<b>\$22.00</b>	<b>\$22.00</b>	<b>\$25.00</b>	<b>\$25.00</b>	<b>\$27.00</b>	<b>\$27.00</b>	<b>\$28.00</b>	<b>\$30.00</b>
<b>TOTAL OPER. REVENUE</b>											
TOTAL OPER. REVENUE	4,587,680	4,671,900	5,130,426	5,193,308	5,256,232	5,944,280	6,013,515	6,484,934	6,534,427	6,800,241	7,287,374
<b>OPERATING EXPENDITURE</b>											
OPERATING EXPENDITURE	3,384,000	3,597,922	3,776,568	3,964,147	4,272,104	4,484,459	4,707,432	4,941,554	5,187,381	5,504,700	5,778,685
<b>NET REVENUE</b>	<b>1,203,680</b>	<b>1,073,978</b>	<b>1,353,858</b>	<b>1,229,162</b>	<b>984,128</b>	<b>1,459,821</b>	<b>1,306,083</b>	<b>1,543,381</b>	<b>1,347,046</b>	<b>1,295,541</b>	<b>1,508,688</b>
<b>All Outstanding Bonds</b>											
All Outstanding Bonds	164,000	164,000	164,000	164,000	164,000	164,000	164,000	164,000	164,000	164,000	164,000
<b>TOTAL DEBT SERVICE</b>	<b>164,000</b>	<b>164,000</b>	<b>164,000</b>	<b>164,000</b>	<b>164,000</b>	<b>164,000</b>	<b>164,000</b>	<b>164,000</b>	<b>164,000</b>	<b>164,000</b>	<b>164,000</b>
<b>AVAIL. FOR PROJECT CONNECTION FEES</b>											
AVAIL. FOR PROJECT CONNECTION FEES	1,039,680	909,978	1,189,858	1,065,162	820,128	1,295,821	1,142,083	1,379,381	1,183,046	1,131,541	1,344,688
	467,500	349,414	349,414	349,414	349,414	349,414	217,600	217,600	218,384	218,384	218,384
<b>TOTAL REVENUE AVAILABLE</b>	<b>1,507,180</b>	<b>1,259,392</b>	<b>1,539,272</b>	<b>1,414,575</b>	<b>1,169,542</b>	<b>1,645,235</b>	<b>1,359,683</b>	<b>1,596,981</b>	<b>1,401,430</b>	<b>1,349,924</b>	<b>1,563,072</b>
<b>NET REVENUE TO ADS</b>	<b>919%</b>	<b>768%</b>	<b>939%</b>	<b>863%</b>	<b>713%</b>	<b>1003%</b>	<b>829%</b>	<b>974%</b>	<b>855%</b>	<b>823%</b>	<b>953%</b>

**Central Davis Sewer District**  
**RATE STUDY - NOVEMBER, 2014**  
For Budget Year 2015

ITEM	Jan-26	Jan-27	Jan-28	Jan-29	Jan-30	Jan-31	Jan-32	Jan-33	Jan-34
<b>ITEM</b>									
RESIDENT RATE/MO.	19.00	21.00	22.00	23.00	24.00	26.00	28.00	29.00	30.00
COLLECTION RATE	11.00	11.00	11.00	11.00	12.00	12.00	12.00	13.00	13.00
<b>TOTAL MONTHLY RATE</b>	<b>\$30.00</b>	<b>\$32.00</b>	<b>\$33.00</b>	<b>\$34.00</b>	<b>\$36.00</b>	<b>\$38.00</b>	<b>\$40.00</b>	<b>\$42.00</b>	<b>\$43.00</b>
<b>TOTAL OPER. REVENUE</b>									
OPERATING EXPENDITURE	7,342,326	7,839,880	8,121,385	8,405,244	8,895,961	9,391,086	9,890,630	10,394,605	10,672,877
<b>NET REVENUE</b>	<b>1,275,957</b>	<b>1,471,442</b>	<b>1,375,775</b>	<b>1,323,603</b>	<b>1,387,489</b>	<b>1,508,440</b>	<b>1,615,102</b>	<b>1,706,550</b>	<b>1,551,669</b>
All Outstanding Bonds	0	0	0	0	0	0	0	0	0
<b>TOTAL DEBT SERVICE</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>AVAIL. FOR PROJECT CONNECTION FEES</b>									
<b>TOTAL REVENUE AVAILABLE</b>	<b>1,494,340</b>	<b>1,689,825</b>	<b>1,594,158</b>	<b>1,451,103</b>	<b>1,514,989</b>	<b>1,635,940</b>	<b>1,742,602</b>	<b>1,834,050</b>	<b>1,679,169</b>
<b>NET REVENUE TO ADS</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>