



Town of Yountville
"The Heart of the Napa Valley"

Wastewater Utility Enterprise

Wastewater Utility Operating Fund Summary

Wastewater Utility Revenue (62)

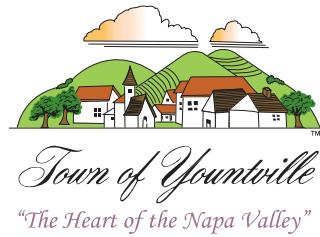
Wastewater Utility Collection Systems Operations (62-4510)

Wastewater Treatment Operations (62-4515)

Wastewater Treatment Capital Recovery Fund (63-4518)

Wastewater Collection Capital Improvement Fund (64-4519)

Sewer Connection Impact Fee Fund (65)



Wastewater Utility Enterprise Fund Descriptions

Wastewater Utility Operating Fund (62) – accounts for wastewater revenue from user fees, operating expenses for collection of wastewater from customers and treatment of wastewater, including that which is sold as reclaimed water

- **Wastewater Collection System Operations – 4510**
- **Wastewater Treatment Operations – 4515**

Wastewater Treatment Capital Fund (63) – accounts for wastewater treatment plant capital improvements & acquisition of major equipment – costs are shared equally with the Veteran's Home, with the Town's share of funding generated by the wastewater operating revenue

Wastewater Collection Capital Fund (64) – accounts for capital improvements of Town's sewer collection system and related major equipment – funding generated by wastewater operating revenue

Sewer Connection Impact Fee Fund (65) – accounts for fees charged on residential & commercial development – funds allocated for capital infrastructure projects

Town of Yountville
WASTEWATER UTILITY OPERATING FUND SUMMARY

Fund 62	2014-15	2015-16	2016-17		2017-18
	ACTUAL	ACTUAL	BUDGET	ESTIMATED	ADOPTED
■ BEGINNING FUND BALANCE	\$ 402,167	\$ 111,648	\$ 42,866	\$ 412,455	\$ 312,615
OPERATING REVENUE					
Residential Sales	395,843	431,638	395,700	431,222	431,222
Commercial Sales	476,682	532,678	476,600	498,094	498,094
Other Sales - Veteran's Home	650,197	717,289	650,200	611,940	622,642
Other Revenue - Reclaimed Water Sales	51,478	45,345	51,400	44,725	44,725
Total Revenue	\$ 1,574,199	\$ 1,726,950	\$ 1,573,900	\$ 1,585,981	\$ 1,596,683
EXPENDITURES					
Personnel	597,396	702,132	776,680	816,935	872,582
Supplies & Services	449,911	435,461	513,710	536,716	525,795
Capital Outlay	-	-	18,300	18,300	8,000
Debt Service	15,434	(11)	12,525	12,525	12,525
Depreciation Expense	237,964	240,423	253,000	253,000	248,785
Total Expenditures	\$ 1,300,706	\$ 1,378,004	\$ 1,574,215	\$ 1,637,476	\$ 1,667,687
NET OPERATING INCOME (LOSS)	\$ 273,494	\$ 348,947	\$ (315)	\$ (51,495)	\$ (71,005)
NON-OPERATING REVENUE & TRANSFERS					
3301 Investment Earnings	569	1,865	600	1,655	1,500
3801 Refunds & Reimbursements	637	-	-	-	-
3900 Transfer to Treatment Plant Capital (63)	(52,800)	-	-	-	-
7900 Transfer to Capital Projects (63)	(50,004)	(50,004)	(50,000)	(50,000)	(50,000)
Total Non-Operating Revenue & Transfers	\$ (101,598)	\$ (48,139)	\$ (49,400)	\$ (48,345)	\$ (48,500)
■ ENDING FUND BALANCE*	\$ 111,648	\$ 412,455	\$ (6,849)	\$ 312,615	\$ 193,111
As Percent of Operating Expenses	9%	30%	0%	19%	12%
Net Change in Fund Balance	(290,519)	300,808	(49,715)	(99,840)	(119,505)

* Ending Fund Balance FY 14/15 includes year end journal entries for GASB 68 implementation, and long term debt payment for PG&E loan.

Town of Yountville
WASTEWATER UTILITY OPERATING REVENUE
Fund 62

Fund 62	2014-15	2015-16	2016-17		2017-18
	ACTUAL	ACTUAL	BUDGET	ESTIMATED	ADOPTED
RESIDENTIAL SALES					
3610 Single Residential	237,252	258,881	237,200	258,802	258,802
3611 Multi Residential	76,705	83,592	76,700	83,256	83,256
3612 Mobile Homes	81,886	89,165	81,800	89,165	89,165
Total Residential Sales	\$ 395,843	\$ 431,638	\$ 395,700	\$ 431,222	\$ 431,222
COMMERCIAL SALES					
3650 Low Strength	44,001	47,974	44,000	49,176	49,176
3651 Medium Strength	153,252	159,967	153,200	141,855	141,855
3652 High Strength	279,429	324,737	279,400	307,063	307,063
Total Commercial Sales	\$ 476,682	\$ 532,678	\$ 476,600	\$ 498,094	\$ 498,094
OTHER SALES					
3655 Veteran's Home	650,197	717,289	650,200	611,940	622,642
Total Other Sales	\$ 650,197	\$ 717,289	\$ 650,200	\$ 611,940	\$ 622,642
OTHER REVENUE					
3642 Reclaimed Water Sales	51,478	45,345	51,400	44,725	44,725
Total Other Revenue	\$ 51,478	\$ 45,345	\$ 51,400	\$ 44,725	\$ 44,725
TOTAL WASTEWATER REVENUE	\$ 1,574,199	\$ 1,726,950	\$ 1,573,900	\$ 1,585,981	\$ 1,596,683

Department Overview

The Wastewater Collection System Operations in the Public Works Department accounts for the operation and maintenance of 8.5 miles of sewer collection system pipeline under the streets of the Town, the force main to the Wastewater Treatment Plant (WWTP). All wastewater generated in Town drains by gravity to the Peter J. Bardessono Memorial Pump Station at the southeastern town limits where it is then pumped to the WWTP for treatment.

The Wastewater Collection System consists of:

- 8.5 miles of gravity sewer collection pipeline in Town
 - 770 sewer lateral connections
 - 0.75 miles of force main from the pump station to the WWTP
 - A duplex (two pumps) wastewater pump station and associated level control and other equipment.
- This equipment is needed to move the wastewater up the hill to the Joint Treatment Plant.

The Town maintains the collection system for all residential and commercial property in the Town limits with a few exceptions; the internal collection system of the Veterans Home, the guard station on California Drive, the Napa Valley Museum, Domaine Chandon restaurant and tasting room, and the Cal-Fire Station 12/Vintner's Golf Course.

The Utility Operations staff maintains the Town's collection system. Maintenance operations include the use of equipment such as a vacuum/jet truck, and push style video camera system to facilitate the regular maintenance of the pipeline system. The collection system is hydro cleaned completely at least once a year.

The Town Council adopted the updated Sewer System Management Plan (SSMP) in FY 15/16. The SSMP includes sections on Sanitary Sewer Overflow (SSO) Emergency Response Plan and the Fats, Oils and Grease (FOG) Program. Re-certification of the SSMP is required every five years by Town Council. As a part of our ongoing education outreach, staff meets with restaurant operators and their staff to explain the importance of keeping "FOG" out of the collection system.

Several modifications to improve The Peter J. Bardessono Memorial Wastewater Pump Station were completed in recent years. These improvements include replacement of the two main pumps and adding additional SCADA controls as well. These new pumps are less prone to plugging which helps to reduce the risk of sanitary sewer overflows (SSO's). Reducing SSO's minimizes the potential for substantial fines associated with SSO's and reduces the potential for damage to the fragile Napa River ecosystem.

The staff also coordinates with the design and construction of Capital Improvement Program, such as the Inflow & Infiltration Reduction Program (WW-2017), Sewer Main Replacement Program (WW-3017) and the Pump Station Equipment Replacement Program (WW-5017). These projects ensure the wastewater collection system operates in a manner consistent with State and Federal NPDES regulations. The inflow and infiltration projects reduce the amount of rainwater inflow and groundwater infiltration that must be treated and discharged during wet weather conditions.

Funding is provided through ratepayer user charges (wastewater utility fee) and interest income. 695 residential customers are billed a flat rate and 77 commercial customers are billed based on the type of effluent generated and the volume of water used. There is one external customer (Domaine Chandon) located in unincorporated Napa County that is served consistent with a separate service agreement approved by the Town Council in the early 1990's.

Town of Yountville
WASTEWATER UTILITY – COLLECTION SYSTEM OPERATIONS
Fund 62 - Department 4510

2016-2017 Accomplishments

- Utilized video survey results to identify potential future system replacement and repair projects as part of WW-3012 for the Capital Improvement Program (CIP) with goal to reduce infiltration and inflow into the sewer collection system.
- Added two new manholes on the "A" line to improve system access and aid in maintenance.
- Utilized a "fold & form" slip lining process to rehabilitate 1,600' of 8" clay pipe. This process will add substantial life expectancy of these sections of pipe. This was accomplished on the "F" line that runs underneath the two mobile home parks. This line is very difficult to access due to the location and also provides service laterals to the mobile home parks.
- Actively monitored Fats, Oils and Grease (FOG) and other waste discharges from restaurants. Increased public education and cooperative efforts to accomplish reduction of such discharges.
- Collected assets for inclusion and use in GIS mapping and applications programs.
- Inspected 25 commercial operations with grease interceptors as part of the FOG Program.

2017-2018 Goals and Objectives

- Continue to utilize video survey results to identify potential future system replacement and repair projects as part of WW-3018 for the Capital Improvement Program (CIP).
- Reduce infiltration and inflow into the sewer collection system through WW-2018.
- Continue research and work necessary to create a sewer lateral ordinance that will address sewer issues upon transfer of ownership or major remodel/construction activity conducted by current owner.
- Rehabilitate sections of the "A-Line" and "F-Line" based on the collection system video work previously conducted and mentioned above in accomplishments.
- Continue sealing of manholes where possible and replacing those that are beyond repair.
- Actively monitor Fats, Oils and Grease (FOG) and other waste discharges from restaurants. Increase public education and cooperative efforts to accomplish reduction of such discharges.
- Develop and use technology such as Accela, GIS mapping and applications programs to help create a more efficient and effective workforce.
- Incorporate Wastewater rate study recommendations as applicable.

Budget Highlights

- The Wastewater Collection Systems Operation budget is slightly increased for FY 17/18, due to personnel costs. However, there has been no increase in revenues due to the rate study that is still underway.

Did You Know?

- The Town owns a sewer maintenance vehicle that cleans the sewer collection pipes and has as an industrial vacuum capability to remove grit and debris from the system.
- There are 8.5 miles of gravity sewer collection pipes in town.
- The Collection System has 770 lateral sewer connections.
- Division staff completed 25 FOG inspections and educational outreach visits.

Town of Yountville
WASTEWATER UTILITY COLLECTION SYSTEM OPERATIONS
Wastewater Operating Fund 62 - Department 4510

		2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 ESTIMATED	2017-18 ADOPTED
PERSONNEL						
4010	Salaries - Full Time	69,792	84,018	109,460	109,460	135,990
4011	Salaries - Part Time	-	3,271	12,200	12,200	18,051
4012	Overtime	122	477	1,000	1,000	1,000
4013	Medicare & Fica	1,166	1,433	2,230	2,230	2,440
4020	Pers Employer Rate	13,130	13,087	11,290	20,878	20,121
4023	Pension Expense	(3,096)	(3,524)	-	-	-
4030	Deferred Compensation	4,175	4,389	6,630	6,630	8,350
4031	Payment In-Lieu Health	-	-	600	600	1,200
4040	Health Insurance	9,311	8,690	20,110	20,110	22,340
4042	Dental Insurance	1,070	931	1,740	1,740	1,920
4043	Vision Insurance	-	-	-	-	500
4044	Life/Disability Insurance	508	500	920	920	1,030
4049	Allocated OPEB	10,800	12,120	18,790	18,790	17,010
4052	Cell Phone Allowance	-	-	2,880	2,880	1,296
4819	Allocated Liability Insurance	2,898	3,547	4,790	4,790	4,600
4839	Allocated Workers' Comp Insurance	3,398	3,755	4,320	4,320	3,100
	Total Personnel	\$ 113,272	\$ 132,694	\$ 196,960	\$ 206,548	\$ 238,948
SUPPLIES & SERVICES						
4110	Office Supplies	-	145	500	500	1,000
4120	Other Supplies & Materials	2,566	4,743	2,000	2,000	2,000
4125	Chemicals	1,104	-	1,500	1,500	1,500
4130	Postage & Printing	1,703	1,892	1,000	1,000	1,500
4210	Contract Services	5,061	7,136	15,000	25,879	15,000
4220	Audit & Accounting Services	3,150	2,264	2,380	4,980	2,975
4225	Bank & Fiscal Agent Fees	3,788	4,238	3,000	3,000	4,500
4230	Personnel Service	-	-	3,500	3,500	3,500
4280	Other Agencies	8,345	2,519	3,500	3,500	4,000
4310	Facilities Maintenance	145	42	2,000	2,000	2,000
4320	Equipment Maintenance	8,687	12,105	12,000	12,000	12,000
4330	Vehicle Maintenance	3,227	2,257	2,500	2,500	2,500
4510	Utilities - Gas & Electric	23,963	24,755	25,000	25,000	25,000
4699	Allocated IT Costs	2,684	7,240	10,390	10,390	11,810
4710	Conference & Travel	-	478	5,000	5,000	5,000
4715	Meetings & Training	-	-	3,500	3,500	3,500
4720	Dues & Subscriptions	227	414	4,000	4,000	4,000
4829	Allocated Property Insurance	1,870	-	4,000	4,000	2,250
	Total Supplies & Services	\$ 66,520	\$ 70,228	\$ 100,770	\$ 114,249	\$ 104,035
CAPITAL OUTLAY						
5700	Machinery & Equipment	-	-	9,800	9,800	3,000
	Total Capital Outlay	\$ -	\$ -	\$ 9,800	\$ 9,800	\$ 3,000
LOAN PAYMENTS (INTERFUND)						
6500	Interest	2,818	-	-	-	-
	Total Interest Expense	\$ 2,818	\$ -	\$ -	\$ -	\$ -
DEPRECIATION						
5999	Depreciation Expense	72,593	75,059	83,000	83,000	76,421
	Total Depreciation Expense	\$ 72,593	\$ 75,059	\$ 83,000	\$ 83,000	\$ 76,421
	TOTAL EXPENDITURES	\$ 255,204	\$ 277,981	\$ 390,530	\$ 413,597	\$ 422,404

Town of Yountville
WASTEWATER UTILITY – COLLECTION SYSTEM OPERATIONS
Fund 62 - Department 4510

	2014-15	2015-16	2016-17	2017-18
	ACTUAL	ACTUAL	BUDGET	ADOPTED
STAFF ALLOCATIONS (FTE)				
Town Manager	0.0500	0.0500	0.0500	0.0500
Public Works Director	0.0500	0.0500	0.0500	0.0500
Deputy Public Works Director	0.0500	0.0500	0.0500	0.0500
Utility Operations Manager	0.1000	0.1000	0.1000	0.1000
Engineering Technician	0.0500	0.0500	0.0500	0.0500
Utility Operator	0.5000	0.5000	0.5000	0.5500
Water Service Maintenance Worker	-	-	0.1500	0.1500
Finance Director	0.0750	0.0750	0.0750	0.0750
Management Analyst	0.0250	0.0250	0.0250	0.0250
Accounting Technician	0.1000	0.1000	0.1000	0.0500
Accounting Assistant	0.1150	0.1150	-	-
Administrative Assistant	0.0250	0.0250	0.0250	0.1000
TOTAL STAFF	1.1150	1.1400	1.1750	1.2500

Department Overview

The Wastewater Treatment Operations Division in the Public Works Department accounts for the funding for the operation and maintenance of the Wastewater Treatment Plant (WWTP). The WWTP, also known as the Wastewater Reclamation Facility, treats the wastewater generated by residential and commercial customers of the Town, the Veteran's Home of California - Yountville (Home), and one commercial operation in the unincorporated Napa County. Facilities include the WWTP, storage ponds, and recycled water facilities which include 5.5 miles of recycled water distribution pipelines and the effluent outfall that allows highly treated wastewater to be discharged to the Napa River according to the requirements of the National Pollutant Discharge Elimination System (NPDES) Permit. Approximately 50% of the division's expenses are paid by the Veterans Home based on flow, solids loading, and strength of influent determined by weekly testing consistent with the agreement with the Veterans Home. The remainder of the operating funding is provided through ratepayer service charges and interest income. Residential customers are billed a flat rate and commercial customers are billed using a formula based on nature of the effluent generated by the customer and the volume of water used.

The WWTP operation is staffed with a (1) Utility Operations Manager and three (3) certified Utility Operators in compliance with the August 2015 National Pollutant Discharge Elimination System (NPDES) Permit for the WWTP. The NPDES Permit renewal process for the next 5 years includes new regulatory requirements for the WWTP. Town staff, with consultant assistance, compiled a "Report of Waste Discharge" (ROWD) and several other documents that make up the application package required by the NPDES Permit.

Approximately 69% of the 151 million gallons generated by the residents and commercial users in 2016 was able to be beneficially reused for irrigation of the Vintner's Golf Course and five (6) vineyards located in the unincorporated Napa County areas adjacent to Finnell Road and along Silverado Trail. The remaining effluent was discharged to the Napa River when appropriate and in accordance with the required dilution of 45:1 in compliance with the NPDES Permit for the WWTP.

In May 2011, the Town Council approved entering into a study and design of an expansion of the recycled water system to allow for additional reuse of treated effluent (increase number of customers and storage volume) as part of Capital Improvement Project WW-0002. Construction of the Recycled Water Expansion Project was completed in August 2015.

2016-2017 Accomplishments

- The Town is a partner in a Solar SEED program with 12 other North Bay agencies. The project is under construction and will be complete in the fall of 2017. The project includes a solar array at the WWTP, wastewater pump station, the Corporation Yard and an array at Community Center Community Hall that features covered parking in the northern parking area.
- Hired new Utility Operator after the retirement of long term (28 years) employee.
- Developed several internal operating policies and procedures and checklists for new operators performing weekend duties and routine daily rounds using new CMMS, SCADA technology and GIS.

2017-2018 Goals and Objectives

- Continue with SCADA implementation to link critical processes of the Wastewater Treatment Plant to allow for remote monitoring and operations of the Wastewater Treatment Plant and associated facilities.
- Continue development of internal operating policies and procedures.
- Continue to use Accela, GIS, and other technology to improve efficiency and effectiveness.
- Incorporate recommendations from the Wastewater Rate study.

Town of Yountville
WASTEWATER TREATMENT OPERATIONS
Fund 62 - Department 4515

Budget Highlights

- Overall, the Wastewater Treatment Operations budget has slightly increased for the FY 17/18 due to personnel costs. However, there has been no increase in revenues due to the rate study that is still underway.
- \$12,525 is budgeted for payments of the interest free Energy Efficiency Loan with Pacific Gas and Electric (PGE) for the methane gas recapture project.

Did You Know?

- 69% of treated recycled water was distributed to local agricultural vineyard customers for irrigation purposes. This is a great public-private partnership and beneficial reuse of recycled water.
- The treatment plant has achieved a 60%-80% reduction in natural gas usage per month since completion of the methane gas recapture project.
- During an average day it takes approximately 28 gallons of sodium hypochlorite (chlorine/ bleach) to disinfect 300,000 gallons of treated effluent.

Town of Yountville
WASTEWATER TREATMENT OPERATIONS
Wastewater Operating Fund 62 - Department 4515

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 ESTIMATED	2017-18 ADOPTED
PERSONNEL					
4010 Salaries - Full Time	291,331	359,868	346,800	346,800	354,050
4011 Salaries - Part Time	-	3,272	12,200	12,200	17,051
4012 Overtime	1,162	3,282	3,200	3,200	3,200
4013 Medicare & Fica	3,961	4,720	5,530	5,530	5,870
4020 Pers Employer Rate	51,367	57,591	36,110	66,777	54,825
4023 Pension Expense	(12,080)	(12,251)	-	-	-
4030 Deferred Compensation	18,108	18,873	23,510	23,510	26,570
4031 Payment In-Lieu Health	-	-	600	600	5,100
4040 Health Insurance	60,606	59,050	68,830	68,830	74,420
4042 Dental Insurance	6,079	5,298	5,590	5,590	6,260
4043 Vision Insurance	-	330	1,600	1,600	1,540
4044 Life/Disability Insurance	2,286	2,301	2,680	2,680	3,050
4049 Allocated OPEB	37,440	39,720	44,400	44,400	54,090
4052 Cell Phone Allowance	2,700	2,700	960	960	4,128
4053 Other Employee Reimbursement	510	530	-	-	-
4819 Allocated Liability Insurance	9,540	11,703	14,550	14,550	14,070
4839 Allocated Workers' Comp Insurance	11,114	12,451	13,160	13,160	9,410
Total Personnel	\$ 484,124	\$ 569,437	\$ 579,720	\$ 610,387	\$ 633,634
4110 Office Supplies	25	886	1,000	1,000	1,000
4120 Other Supplies & Materials	3,064	6,620	5,000	5,000	5,000
4125 Chemicals	64,727	57,722	77,000	77,000	77,000
4130 Postage & Printing	2,027	2,972	2,000	2,000	2,000
4210 Contract Services	131,985	108,165	121,000	127,927	121,000
4220 Audit & Accounting Services	3,150	2,264	2,380	4,980	2,975
4225 Bank & Fiscal Agent Fees	3,788	4,238	3,000	3,000	4,500
4280 Other Agencies	21,817	24,063	28,500	28,500	29,000
4310 Facilities Maintenance	5,222	6,791	7,500	7,500	7,500
4320 Equipment Maintenance	35,646	30,942	35,000	35,000	35,000
4330 Vehicle Maintenance	3,520	1,441	3,000	3,000	3,000
4510 Utilities - Gas & Electric	81,719	81,745	70,000	70,000	75,000
4520 Waste Disposal & Recycling	3,947	3,994	5,000	5,000	5,000
4699 Allocated IT Costs	9,932	26,680	33,150	33,150	37,710
4710 Conference & Travel	100	1,035	5,000	5,000	5,000
4715 Meetings & Training	2,129	2,601	3,000	3,000	3,000
4720 Dues & Subscriptions	6,504	3,075	4,000	4,000	4,000
4829 Allocated Property Insurance	4,090	-	7,410	7,410	4,075
Total Supplies & Services	\$ 383,391	\$ 365,233	\$ 412,940	\$ 422,467	\$ 421,760
CAPITAL OUTLAY					
5700 Machinery & Equipment	-	-	8,500	8,500	5,000
Total Capital Outlay	\$ -	\$ -	\$ 8,500	\$ 8,500	\$ 5,000
ENERGY EFFICIENCY LOAN					
6100 Principal	12,525	-	12,525	12,525	12,525
6500 Interest	91	(11)	-	-	-
Total Loan Payment	\$ 12,616	\$ (11)	\$ 12,525	\$ 12,525	\$ 12,525
DEPRECIATION					
5999 Depreciation Expense	165,371	165,364	170,000	170,000	172,364
Total Depreciation Expense	\$ 165,371	\$ 165,364	\$ 170,000	\$ 170,000	\$ 172,364
TOTAL EXPENDITURES	\$ 1,045,502	\$ 1,100,023	\$ 1,183,685	\$ 1,223,879	\$ 1,245,283

Town of Yountville
WASTEWATER TREATMENT OPERATIONS
Fund 62 - Department 4515

	2014-15	2015-16	2016-17	2017-18
	ACTUAL	ACTUAL	BUDGET	ADOPTED
STAFF ALLOCATIONS (FTE)				
Town Manager	0.0750	0.0750	0.0750	0.1000
Public Works Director	0.2000	0.2000	0.2000	0.2000
Deputy Public Works Director	0.1000	0.1000	0.1000	0.1000
Engineering Technician	0.1000	0.1000	0.1000	0.1000
Utility Operations Manager	0.8000	0.8000	0.8000	0.8000
Utility Operator	2.3000	2.3000	2.3000	2.3000
Finance Director	0.0750	0.0750	0.0750	0.0750
Management Analyst	0.0250	0.0250	0.0250	0.2250
Accounting Technician	0.0500	0.0500	0.0500	0.0500
Accounting Assistant	0.1150	0.1150	-	-
Administrative Assistant	0.0250	0.0250	0.0250	0.1000
TOTAL STAFF	3.8650	3.8650	3.7500	4.0500

Town of Yountville
WASTEWATER TREATMENT CAPITAL RECOVERY FUND
Fund 63 - Department 4518

Department Overview

The Town of Yountville Wastewater Reclamation Facility (WWRF) Capital Recovery Fund is a subsidiary fund of the Wastewater Utility Operating Fund. The Fund accounts for construction, replacement and modernization of WWRF infrastructure improvements and major equipment. Funding is provided both by the Veteran's Home and the Wastewater Utility Operating Fund. The current contribution amount is \$50,000 per agency.

Capital Improvement Projects for the collection system are included in Fund 64 Department 4519. This fund also receives a portion of allocated sewer connection impact fees.

2016-2017 Accomplishments

- Continue to prioritize future Supervisory Control and Data Acquisition (SCADA) implementation in and around the WWRF.
- Build and utilize Plant Replacement Funds budget, to fund future Capital Improvement Program projects.

2017-2018 Goals and Objectives

- Incorporate recommendations from the Wastewater Rate Study.
- Continue to allocate funds to the Replacement Funds. To allow for funding five year Capital Improvement Projects.

Budget Highlights

- The Town obtained a low interest loan from the State Water Resources Board for wastewater system improvements. In June of 2014 the Town initiated its first draw and to date has utilized \$2,717,196. This year \$164,662 (\$117,343 in principal and \$47,319 in interest) is budgeted for debt service. This debt service payment will be ongoing until this loan is paid off.

Town of Yountville
WASTEWATER TREATMENT CAPITAL RECOVERY
Fund 63 - Department 4518

		2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 ESTIMATED	2017-18 ADOPTED
■	BEGINNING FUND BALANCE	\$ 6,272,324	\$ 6,489,624	\$ 6,681,924	\$ 6,603,176	\$ 6,514,798
	REVENUE					
3695	System Replacement Fees	111,691	121,020	111,700	121,496	121,496
	Total Revenue	\$ 111,691	\$ 121,020	\$ 111,700	\$ 121,496	\$ 121,496
	EXPENDITURES					
WW-0002	Recycled Water Expansion Project	2,232,025	170,524	-	-	-
WW-0005	Dredge Wastewater Ponds	-	-	-	-	150,000
WW-0010	Flyght Pump	-	-	-	-	-
WW-0014	New Pumps at JTP (2)	-	-	-	-	40,000
WW-4015	Plant Equipment Replacement Program	9,716	-	-	-	-
WW-4017	Plant Equipment Replacement Program	-	-	60,774	60,774	-
WW-4018	Plant Equipment Replacement Program	-	-	-	-	63,813
6100	Debt Service - Principal	-	-	115,155	115,155	117,343
6500	Debt Service - Interest	-	53,063	49,507	49,507	47,319
	Total Expenditures	\$ 2,241,741	\$ 223,587	\$ 225,436	\$ 225,436	\$ 418,475
	NON-OPERATING REVENUE & TRANSFERS					
3301	Investment Earnings	2,805	5,204	-	4,788	4,500
3690	Capital Recovery - Veteran's Home	-	-	50,000	150,000	50,000
3900	Transfer from Wastewater Operating (62)	52,800	-	-	-	-
3962	Capital Recovery - Town (62)	50,004	50,004	50,000	50,000	50,000
7900	Transfer to Wastewater Capital (64)	-	-	(250,000)	(250,000)	(180,000)
	Total Non-Operating Revenue & Transfers	\$ 105,609	\$ 55,208	\$ (150,000)	\$ (45,212)	\$ (75,500)
	Depreciable Capital Projects*	2,241,741	160,910	60,774	60,774	190,000
■	ENDING FUND BALANCE	\$ 6,489,624	\$ 6,603,176	\$ 6,478,962	\$ 6,514,798	\$ 6,332,319
	Net Change in Fund Balance	217,300	113,552	(202,962)	(88,378)	(182,479)
	Funds Available for Capital Projects & Debt Service**	\$ (559,979)	\$ (441,974)	\$ (705,710)	\$ (591,126)	\$ (963,605)

**Depreciable Capital Projects represents the amount for projects completed and does not include construction in progress.*

*** Funds available for Capital Projects includes liquid assets, cash and investments less liabilities. Fund 63 currently owes \$2,717,196 to a low interest loan from the State Water Resources Board for waste water system improvements.*

State of California - State Water Resources Control Board
Clean Water State Revolving Fund Payment Schedule

Date: 9/14/2015

Amount: 3,465,362

Interest rate: 1.900%

Term: 20 Years

Recipient: Yountville, Town of
Project No.: C-06-7846-110
Agreement No.: 13802-550-0

Date	Disbursement/ Payment	No.	Beginning Balance	Draw Amount	Construction Period Interest (CPI)		Annual Interest Accrued	Principal Paid/Due	Interest Paid/Due	Total Payment	Ending Balance
					Amount Accrued	Amt. Trans. to Principal					
5-Jun-2014	Disbursement	1	0.00	658,577.00	0.00						658,577.00
30-Jun-2014	End FY		658,577.00		868.96						658,577.00
5-Sep-2014	Disbursement	2	658,577.00	618,886.00	2,259.28						1,277,463.00
23-Oct-2014	Disbursement	3	1,277,463.00	328,346.00	3,236.24						1,605,809.00
14-Nov-2014	Const. Compl.		1,605,809.00		1,779.77	8,144.26					1,613,953.26
11-Mar-2015	Disbursement	4	1,613,953.26	1,111,387.00			9,966.16				2,725,340.26
30-Jun-2015	End FY		2,725,340.26				15,678.28				2,725,340.26
14-Nov-2015	Payment	1	2,725,340.26				19,274.21	119,742.19	44,918.65	164,660.84	2,605,598.07
14-Nov-2016	Payment	2	2,605,598.07				49,506.36	115,154.48	49,506.36	164,660.84	2,490,443.59
14-Nov-2017	Payment	3	2,490,443.59				47,318.43	117,342.41	47,318.43	164,660.84	2,373,101.18
14-Nov-2018	Payment	4	2,373,101.18				45,088.92	119,571.92	45,088.92	164,660.84	2,253,529.26
14-Nov-2019	Payment	5	2,253,529.26				42,817.06	121,843.78	42,817.06	164,660.84	2,131,685.48
14-Nov-2020	Payment	6	2,131,685.48				40,502.02	124,158.82	40,502.02	164,660.84	2,007,526.66
14-Nov-2021	Payment	7	2,007,526.66				38,143.01	126,517.83	38,143.01	164,660.84	1,881,008.83
14-Nov-2022	Payment	8	1,881,008.83				35,739.17	128,921.67	35,739.17	164,660.84	1,752,087.16
14-Nov-2023	Payment	9	1,752,087.16				33,289.66	131,371.18	33,289.66	164,660.84	1,620,715.98
14-Nov-2024	Payment	10	1,620,715.98				30,793.60	133,867.24	30,793.60	164,660.84	1,486,848.74
14-Nov-2025	Payment	11	1,486,848.74				28,250.13	136,410.71	28,250.13	164,660.84	1,350,438.03
14-Nov-2026	Payment	12	1,350,438.03				25,658.32	139,002.52	25,658.32	164,660.84	1,211,435.51
14-Nov-2027	Payment	13	1,211,435.51				23,017.27	141,643.57	23,017.27	164,660.84	1,069,791.94
14-Nov-2028	Payment	14	1,069,791.94				20,326.05	144,334.79	20,326.05	164,660.84	925,457.15
14-Nov-2029	Payment	15	925,457.15				17,583.69	147,077.15	17,583.69	164,660.84	778,380.00
14-Nov-2030	Payment	16	778,380.00				14,789.22	149,871.62	14,789.22	164,660.84	628,508.38
14-Nov-2031	Payment	17	628,508.38				11,941.66	152,719.18	11,941.66	164,660.84	475,789.20
14-Nov-2032	Payment	18	475,789.20				9,039.99	155,620.85	9,039.99	164,660.84	320,168.35
14-Nov-2033	Payment	19	320,168.35				6,083.20	158,577.64	6,083.20	164,660.84	161,590.71
14-Nov-2034	Payment	20	161,590.71				3,070.22	161,590.71	3,070.22	164,660.93	0.00
				2,717,196.00	8,144.25	8,144.26	567,876.63	2,725,340.26	567,876.63	3,293,216.89	

Outstanding Disbursement Balance: **748,166.00**

Town of Yountville
WASTEWATER COLLECTION CAPITAL IMPROVEMENT FUND
Fund 64 - Department 4519

Department Overview

The Wastewater Capital Improvement Fund is a subsidiary fund of the Wastewater Enterprise Fund. The Fund accounts for acquisition and depreciation of wastewater collection system improvements and equipment. System replacement fees, connection fees, and developer fees are the main sources of revenue for this fund. Capital Improvement Projects for the Wastewater Treatment Plant are included in Fund 63 Department 4518.

2016-2017 Accomplishments

- Continue to allocate funds to Collections Replacement Fund for future wastewater collections system and pump station equipment repair/ replacement.
- Complete Annual Inflow and Infiltration Reduction Program (WW-2017).
- Continue to allocate funds to the Sewer Main Replacement and Repair Program (WW-3017).
- Use of video assessment of the sewer collection system and the implementation of a Geospatial Information System (GIS) and computer maintenance management system has allowed staff to prioritize necessary repairs.

2017-2018 Goals and Objectives

- Allocate funds to Collections Replacement Fund for future wastewater collections system and pump station equipment repair/ replacement.
- Complete Annual Inflow and Infiltration Reduction Program (WW-2018).
- Allocate funds to the Sewer Main Replacement and Repair Program.
- Incorporate recommendations from the Wastewater Rate Study.

Budget Highlights

- Major budget changes occur to place Sewer Main Replacement (WW-3017) and Pump Station Equipment Replacement Funds. This will allow for building a reserve fund to draw from for future Capital Improvement Program Projects.
- \$29,343 is budgeted as a transfer to Debt Service Fund 53 to cover the Wastewater Capital proportionate share of the 2013 Lease Revenue Bond Allocation for the Madison/Yount Sewer Project.

Town of Yountville
WASTEWATER COLLECTION CAPITAL IMPROVEMENT FUND
Fund 64 - Department 4519

		2014-15	2015-16	2016-17	2017-18	
		ACTUAL	ACTUAL	BUDGET	ESTIMATED	ADOPTED
■ BEGINNING FUND BALANCE		\$ 2,305,025	\$ 2,345,273	\$ 2,356,847	\$ 2,369,326	\$ 2,500,561
REVENUE & FINANCING SOURCES						
3750	Developer Contribution In Lieu	-	-	-	-	-
	Total Revenue	\$ -				
EXPENDITURES						
WW-0008	Madison & Yount Sewer Main Replacement	297,866	-	-	-	-
WW-2016	Inflow & Infiltration Reduction Program	-	-	-	-	-
WW-3016	Sewer Main Replacement Program	44,444	-	-	-	-
WW-2017	Inflow and Infiltration Reduction Program	-	-	67,863	67,863	-
WW-2018	Inflow and Infiltration Reduction Program	-	-	-	-	71,256
WW-3017	Sewer Main Replacement and Repair Program	-	-	65,825	65,825	-
WW-3018	Sewer Main Replacement Program	-	-	-	-	68,116
WW-5015	Pump Station Equipment Replacement	31,480	-	-	-	-
WW-5016	Pump Station Equipment Replacement	-	32,011	-	-	-
WW-5017	Town Pump Station Equip. Repl. Program	-	-	10,000	10,000	-
WW-5018	Town Pump Station Equip. Repl. Program	-	-	-	-	10,500
WW-0004	SCADA Upgrade Phase II	1,126	-	-	-	-
WW-3012	Sewer Main Replacement Program	-	-	-	-	-
WW-5012	Pump Station Equipment Replacement	-	-	-	-	-
	Total Expenditures	\$ 330,471	\$ 76,455	\$ 143,688	\$ 143,688	\$ 149,872
NON-OPERATING REVENUE & TRANSFERS						
3301	Investment Earnings	248	458	-	938	800
3750	Developer In Lieu	40,000	-	-	-	-
3799	Allocated Impact Fees	-	23,595	-	37,432	-
3963	Transfer from WW Treatment Capital (63)	-	-	250,000	250,000	180,000
7953	To Debt Service Fund 53 Transfer In / (Out)	-	-	(89,272)	(89,272)	(29,343)
	Total Non-Operating Revenue & Transfers	\$ 40,248	\$ 24,053	\$ 160,728	\$ 199,098	\$ 151,457
	Depreciable Capital Projects*	330,471	76,455	75,825	75,825	78,616
■ ENDING FUND BALANCE		\$ 2,345,273	\$ 2,369,326	\$ 2,449,712	\$ 2,500,561	\$ 2,580,762
	Net Change in Fund Balance	40,248	24,053	92,865	131,235	80,201
	Funds Available for Capital Projects**	\$ (142,516)	\$ (43,404)	\$ (26,364)	\$ 12,006	\$ 13,592

*Depreciable Capital Projects represents the amount for projects completed and does not include construction in progress.

** Funds available for Capital Projects includes liquid assets, cash and investments less liabilities. Fund 64 currently owes \$315,000 to Debt Service Fund 53 to cover the Wastewater Capital proportionate share of the 2013 Lease Revenue Bond Allocation for the Madison/Yount Sewer Project.

**Town of Yountville
SEWER CONNECTION IMPACT FEE FUND
Fund 65**

Department Overview

The Sewer Connection Impact Fee Fund was established in June 2005 with the adoption of Ordinance No. 362-05 and Municipal Code Section 3.40, to account for impact fees collected for existing and planned sewer system facilities, projects and infrastructure.

Sewer Connection Impact Fees are collected on new residential and commercial development, conversions, and expansions as provided in Municipal Code Section 3.40.

The Town is nearing true “build out” of the community. As such, impact fees will not be a significant revenue source going forward to assist in funding the construction and maintenance of the Town’s wastewater (sewer) system. Impact Fees from the RH and Handwritten commercial projects may generate additional revenue.

2016-2017 Accomplishments

- Impact fees from the RH Gallery and Handwritten commercial projects remain underway and are collected at the time of building permit issuance.

2017-2018 Goals and Objectives

- Allocate any Impact Fees.

Budget Highlights

- Nominal. Current practice is not to budget impact fees as development is limited in number and timing is hard to predict. Impact Fees from the 3 additional rooms at the Bardessono Hotel and 5 additional rooms at Villagio Inn may generate additional revenue. Impact Fees remain a declining capital project funding source.

Town of Yountville
SEWER CONNECTION IMPACT FEE FUND
Fund 65

	2014-15 ACTUAL	2015-16 ACTUAL	2016-17 BUDGET	2016-17 ESTIMATED	2017-18 ADOPTED
■ BEGINNING FUND BALANCE	\$ 15	\$ 11,279	\$ -	\$ (0)	\$ 0
REVENUE					
3701 Impact Fees	11,253	12,291	-	37,430	-
Total Revenue	\$ 11,253	\$ 12,291	\$ -	\$ 37,430	\$ -
NON-OPERATING REVENUE & TRANSFERS					
3301 Investment Earnings	10	25	-	2	-
3799 Allocate Impact Fees	-	-	-	(37,432)	-
To Wastewater Treatment Capital (63)	-	-	-	-	-
To Wastewater Collection Capital (64)	-	(23,595)	-	-	-
Total Non-Operating Revenue & Transfers	\$ 10	\$ (23,570)	\$ -	\$ (37,430)	\$ -
■ ENDING FUND BALANCE	\$ 11,279	\$ (0)	\$ -	\$ 0	\$ 0
Net Change in Fund Balance	11,263	(11,279)	-	0	-