



Napa Sanitation District

General Manager's Report

for

February, 2018

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NAPA SANITATION DISTRICT

General Manager's Report

Dedicated to Preserving the Napa River for Generations to Come

DATE: April 4, 2018

FROM: Timothy B. Healy, General Manager

SUBJECT: General Manager's Report for February 2018

REGULATORY COMPLIANCE:

| | |
|---------------------------------|--|
| Collection System Compliance: | 0 Category 1 SSO's, 0 Category 2 SSO's, and 8 Category 3 SSO's |
| NPDES Permit (WWTP) Compliance: | Full compliance with all regulations |
| Air Quality Compliance: | Full compliance with all regulations |
| Recycled Water Compliance: | Full compliance with all regulations |
| Biosolids Compliance: | Full compliance with all regulations |
| Significant Comments: | None |

FISCAL STATUS:

| | |
|----------------------------------|--|
| Period Covered: | July 1, 2017 – February 28, 2018 |
| Percent Fiscal Year: | 66.7% |
| Operating Expenditures to date: | 64.1% |
| Historical Expenditures to date: | 68.0% |
| Significant Comments: | Debt service payment (interest only) was made for the Series 2012A COPs. |

PERSONNEL:

Significant events for the month of February 2018 in the Human Resources Department:

| | |
|-------------------------|------|
| New Hires: | None |
| Separations: | None |
| Promotions: | None |
| Recruitment Activities: | None |
| Injuries: | None |

Summaries of Operational Highlights are on following pages.

COLLECTIONS:

Significant events for the month of February 2018 in Collection System Maintenance include:

- The District had 0 Category 1 Sanitary Sewer Overflows (SSO's), 0 Category 2 SSO's and 8 Category 3 SSO's during the month. (A Category 1 is defined as an SSO that reached a drainage channel and/or surface water or; an SSO that reached a storm drain pipe that was not fully recovered and returned to the sanitary sewer system. A Category 2 is defined as an SSO that is equal to or greater than 1,000 gallons that did not reach a surface water. A Category 3 is defined as an SSO that is less than 1,000 gallons that did not reach a surface water. These are usually minor overflows of less than 10 gallons from cleanouts on District laterals that can be cleaned up by the crews.)
- The repair crew installed 10 cleanouts, repaired 1 cleanout, installed CIPP liner on 4 laterals and repaired 2 laterals. They also raised 3 cleanouts, capped 3 laterals for abandonment and repaired 1 mainline. Additionally, the service response/programs crew completed 96 work orders in support of the grease and odor control program, responded to 49 customer requests for service (17 were NSD problem) and closed out 286 mark and locate request tickets.
- The preventative maintenance crews ran work orders on 92 laterals, cleaned approximately 75,233 feet of main line and CCTV inspected 25 laterals. Also, the CCTV truck televised 12,887 feet of mainline.

TREATMENT PLANT:

Significant events for the month of February 2018 in the Treatment Plant Department:

Plant Operations:

- For February 2018, the plant's influent flow was 189.3 MG as compared to last year flow for February 2017 of 634.5 MG
- Flow to the Napa River for February 2018 was 176.2 MG compared to last year's flow of 718.6 MG.
- The production of recycle quality occurred for 18 day during February 2018 with a total distributed flow of 14.39 MG.
- There was 0.17" rain fall for February 2018 as compared to 8.0" rain fall for February 2017.
- Pond 4 end of the month recorded level reading was 39.31" as compared to February 2017 of 84.65". Total remaining pond capacity for February 2018 was 51.9% as compared to February 2017 remaining capacity of 6.7%.

Power Consumption and Production:

- This February power consumption purchased from PG&E was 345 MWH in comparison to February 2017 purchase of 457 MWH (The cogeneration unit was offline last year during January for overhaul).
- Cogeneration unit ran 660 of 672 hours for the month – 98.21% uptime, averaging 387.85Kw
- Solar generation in February was 74 MWH, compared to 98 MWH in January.

Maintenance:

Significant events for the month of February 2018:

Process Maintenance

- Cogeneration unit monthly emission test - in compliance with BAAQMD permit.
- Replaced 24 volt UPS for PLC2 remote drop 1
- Primary Scum Pump 302/replaced overloads
- Replaced Septage discharge plug valves
- Sampler EFF-001/replaced refrigeration unit and temperature sensor
- Replaced motor on compactor/bar screen #1

Projects

- Completed CIP 13741/Rebuild of Secondary Pump & Motor #3
- Up-grade seal water systems on;
 - Primary Sludge Pump /301
 - Primary Scum Pump /302
 - Primary Sludge Pump /401
 - BFP Polymer Feed Pump/102
 - BFP Polymer Feed Pump/202
 - BFP Polymer Feed Pump/302
- Installed new Turbidity Meters for;
 - Filter influent and effluent
 - Filter cells 1 & 2

Standby Power

- Plant generators operational testing only
- Riverpark, Stonecrest, West Napa operational testing only

Influent Pumps

- All pumps operational

Laboratory:

There were no violations of **Effluent** limits during the month of February 2018. All parameters were monitored at the required frequencies. The following were notable sampling events:

- February 6, 2018: Metals, Cyanide, Mercury, Nutrients,
- February 6-10, 2018: Acute Toxicity Bioassay
- February 7, 2018: Chronic Toxicity Bioassay
- February 7, 2018: Oil & Grease
- February 13, 2018: Nutrients

Monthly **Influent** monitoring of all parameters occurred at the required frequencies. The following were notable sampling events:

- February 6, 2018: Metals, Cyanide, Mercury

Annual **Groundwater** monitoring occurred in February. All required parameters were monitored. The following were notable sampling events:

- February 15, 2018: Enterococcus, pH, TDS, Nutrients

RECYCLING:

Significant events in the Recycling Department for February 2018 include:

- Recycled water delivered for the month of February 2018 (14.037 million gallons), as compared to February 2017 (0.469 million gallons) is higher due to reservoir filling, golf course and commercial landscape demand. Delivered recycled water volume represents the sum of all use site flow meter consumption values.
- Staff approved the connection of one customer in the MST area.
- Staff continued biosolids encapsulating operations as well as infield staging for the reporting period.

POLLUTION PREVENTION:

Significant events in the Pollution Prevention and Outreach Division for February 2018 include:

- There were no tours of the treatment plant given in February.
- The total amount of unneeded medications collected since the drug takeback program began in September 2010 is 20,959.2 pounds.
- The District issued 14 ESME Washer Rebates this month at \$12.50 each for a total of \$175.00.

ENGINEERING / CAPITAL PROJECTS / DEVELOPMENT:

Significant events occurring in the Engineering Division for February 2018 include:

- Consultant completed the pre-design of the West Napa Pump Station Rehabilitation Project.
- Consultant continued design of the Headworks Equipment Replacement Project.
- Contractor continued construction of the Recycled Water Reservoir Improvements Project.
- Staff awarded the construction contract for the 2018 Collection System Rehabilitation Project.
- Consultant continued design of the Browns Valley Trunk Project.
- Consultant continued design of the Pond 1 Dredge Project.
- Consultant continued design of the 2018 Treatment Plant Improvements Project
- Consultant and Staff continued work on Phase 1A of the Asset Management Program.
- Contractor completed construction of the MST Recycled Water Pipeline Expansion Project.
- Contractor continued construction of the 2017 Collection System Rehabilitation Project.
- Staff reviewed 49 sets of development plans and deemed 26 sets of plans complete. The approved plans consisted of one recycled water lateral, nine tenant improvements and sixteen residential dwellings.

Budget Status & Cash Summary - July 1, 2017 - February 28, 2018 (66.7% of the year)

| <i>Expenditures</i> | FY 17-18 Budget | Encumbrances | Expenditures to date | Committed to date | Remaining Balance | Percent Committed |
|----------------------------------|----------------------------|---------------------|---------------------------------|------------------------------|------------------------------|------------------------------|
| Operating | | | | | | |
| Salaries & Benefits | \$9,581,300 | \$1,133 | \$5,661,197 | \$5,662,331 | \$3,918,969 | 59.1% |
| Services & Supplies | 6,054,300 | 1,106,978 | 2,892,321 | 3,999,299 | 2,055,001 | 66.1% |
| Taxes | 28,650 | - | 14,355 | 14,355 | 14,295 | 50.1% |
| Debt Service | 4,777,450 | - | 4,681,794 | 4,681,794 | 95,656 (1) | 98.0% |
| Intrafund Transfers | 8,900,000 | - | 4,450,000 | 4,450,000 | 4,450,000 | 50.0% |
| Total Operating: | \$29,341,700 | \$1,108,111 | \$17,699,667 | \$18,807,779 | \$10,533,921 | (2) 64.1% |
| Capital | | | | | | |
| Bldgs/Improvements & Equip | \$33,785,500 | \$3,484,869 | \$9,965,339 | \$13,450,208 | \$20,335,292 (3) | 39.8% |
| Intrafund Transfers | 3,630,000 | - | 3,630,000 | 3,630,000 | - | 100.0% |
| Total Capital : | \$37,415,500 | \$3,484,869 | \$13,595,339 | \$17,080,208 | \$20,335,292 | 45.7% |
| Grand Total Expenditures: | \$66,757,200 | \$4,592,981 | \$31,295,006 | \$35,887,987 | \$30,869,213 | 53.8% |

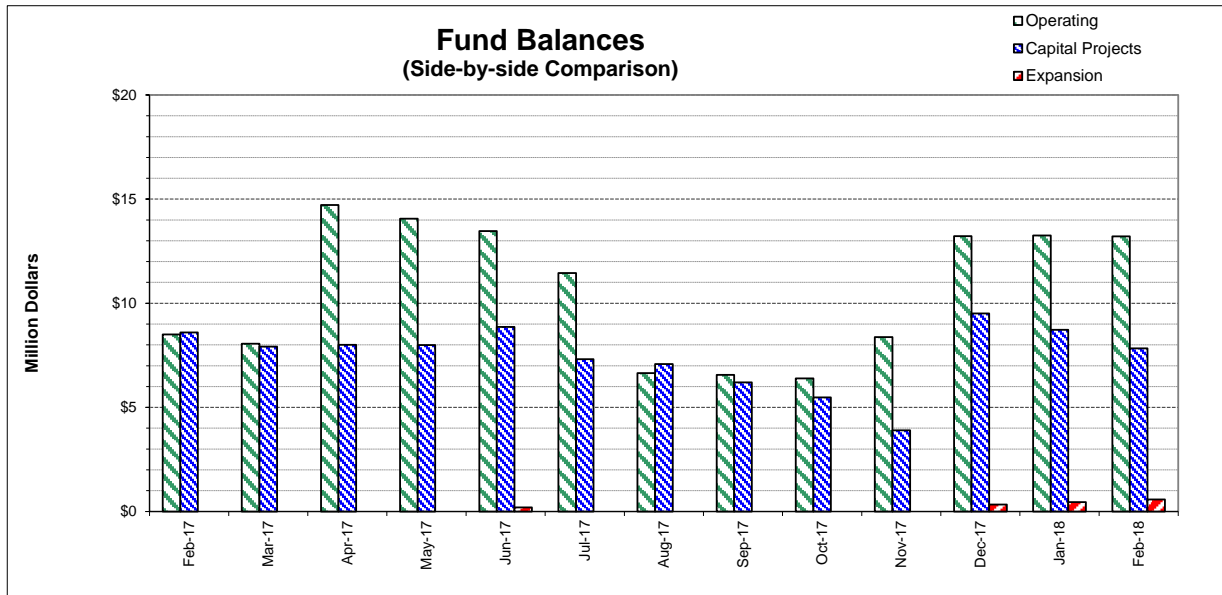
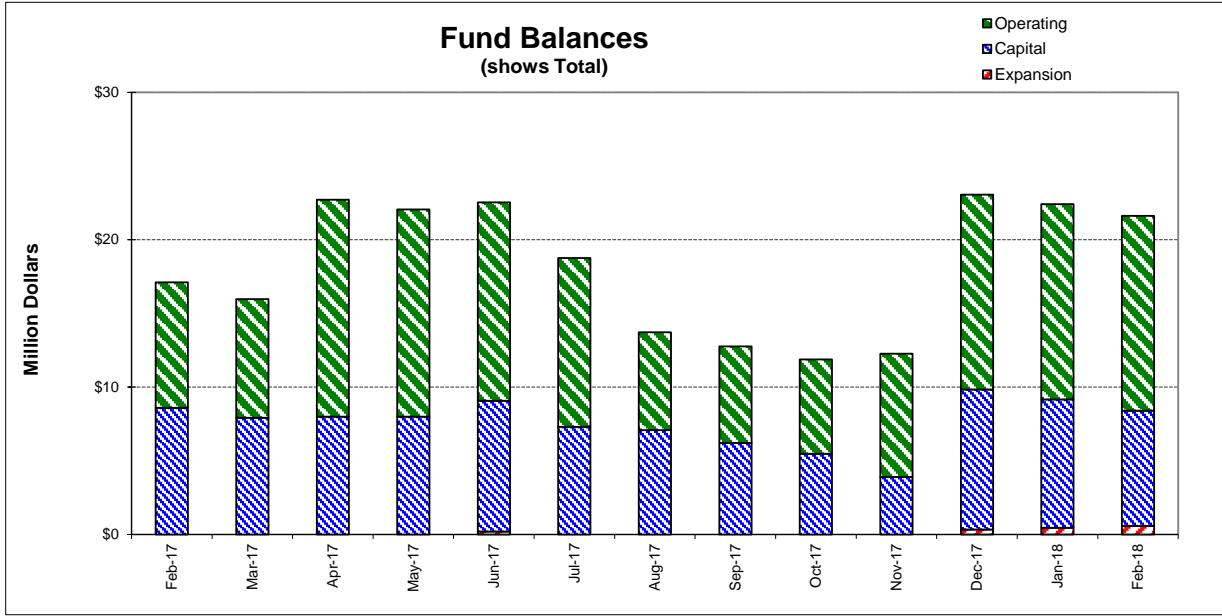
| <i>Revenues</i> | FY 17-18 Budget | Encumbrances | Collected to date | Received to Date | Uncollected Revenue | Percent Collected |
|---|----------------------------|---------------------|------------------------------|-----------------------------|--------------------------------|------------------------------|
| Operating | | | | | | |
| Use of Money/Property | \$896,000 | | \$619,783 | \$619,783 | \$276,217 | 69.2% |
| Intergovernmental | \$15,000 | | \$0 | - | 15,000 | N/A |
| Charges for Services | 27,429,100 | | 17,307,579 | 17,307,579 | 10,121,521 | 63.1% |
| Miscellaneous Revenues | 61,000 | | 395,958 | 395,958 | (334,958) (4) | 649.1% |
| Donations/Contributions (Capital Labor) | - | | 549,003 | 549,003 | (549,003) (5) | N/A |
| Total Operating: | \$28,401,100 | | \$18,872,323 | \$18,872,323 | \$9,528,777 | 66.4% |
| Capital | | | | | | |
| Use of Money/Property | \$0 | | \$1,721 | \$1,721 | (\$1,721) | N/A |
| Capacity Charges | 3,630,000 | | 4,058,508 | 4,058,508 | (428,508) | 111.8% |
| Intergovernmental | 4,076,000 | | 1,282,637 | 1,282,637 | 2,793,363 | 31.5% |
| Bond/Loan Proceeds | 10,137,000 | | - | - | 10,137,000 | 0.0% |
| Sale of Assets | 25,000 | | 8,372 | 8,372 | 16,628 | N/A |
| Miscellaneous Revenues | - | | 6,870 | 6,870 | (6,870) | N/A |
| Intrafund Transfers | 12,530,000 | | 8,080,000 | 8,080,000 | 4,450,000 | 64.5% |
| Total Capital: | \$30,398,000 | | \$13,438,108 | \$13,438,108 | \$16,959,892 | 44.2% |
| Grand Total Revenue: | \$58,799,100 | | \$32,310,431 | \$32,310,431 | \$26,488,669 | 55.0% |

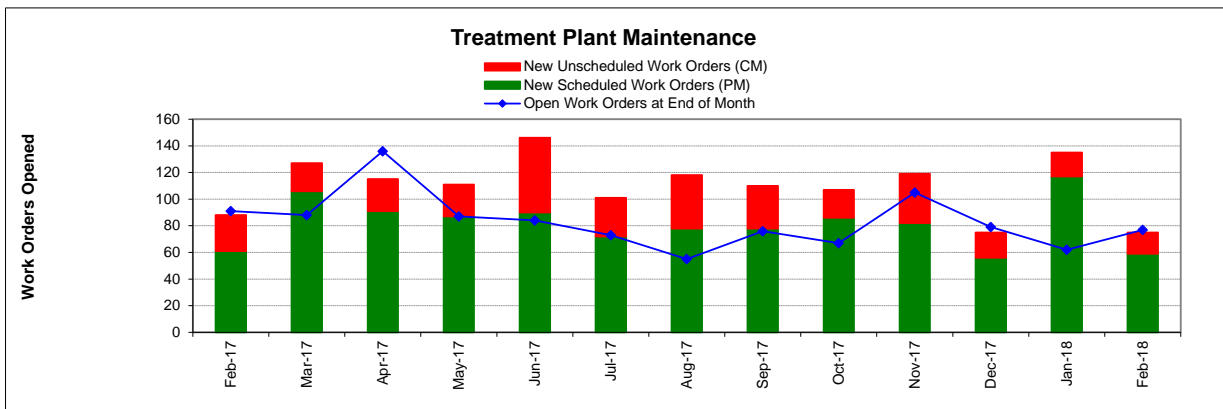
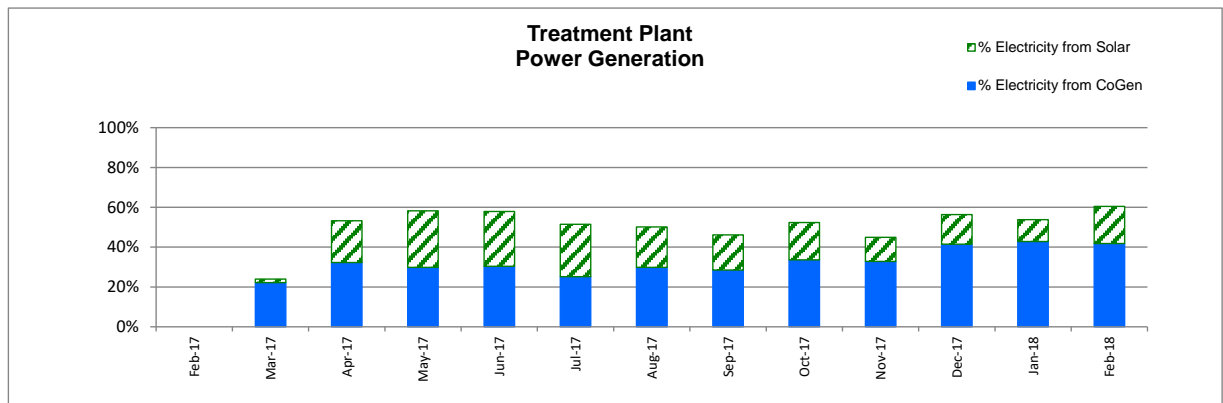
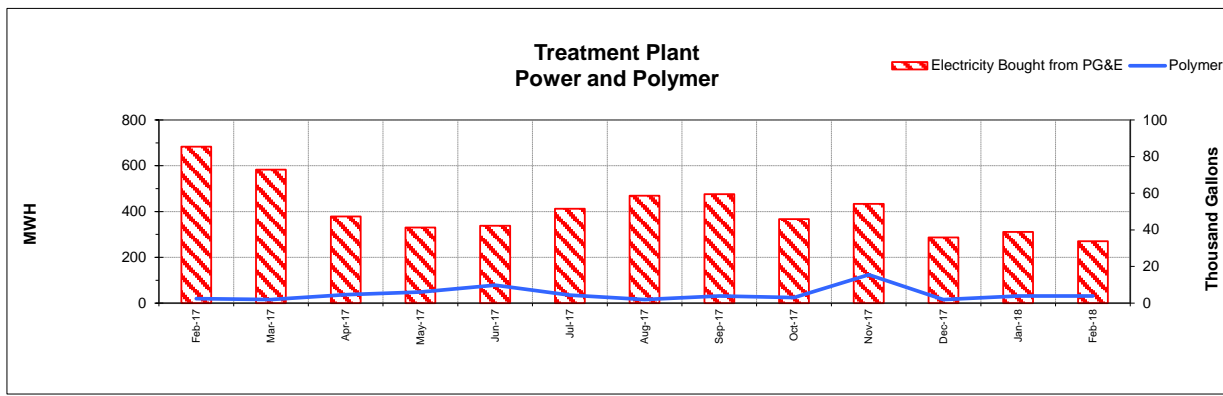
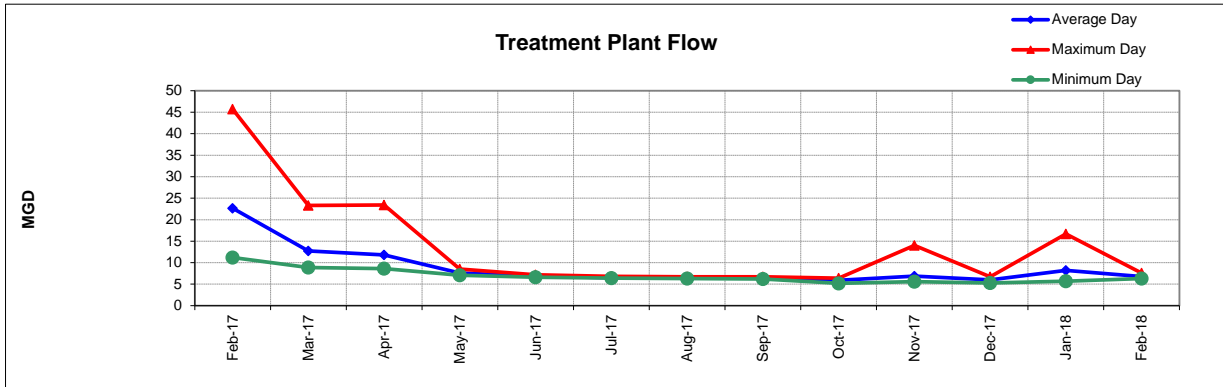
Cash on Hand as of 2/28/18

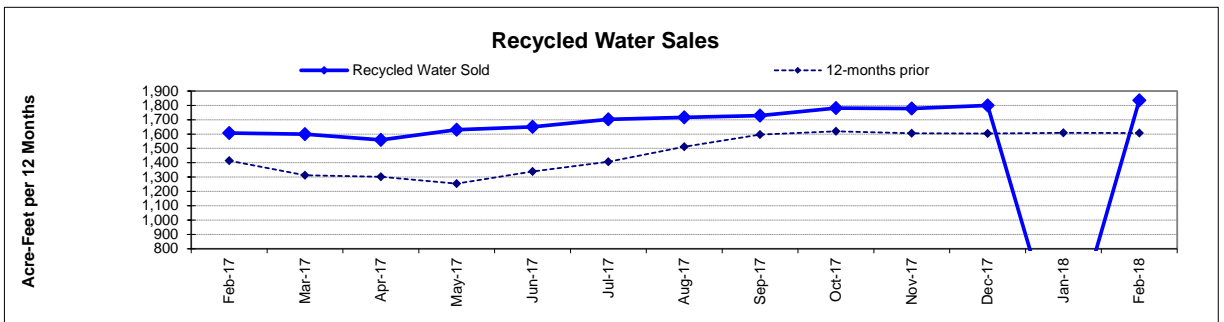
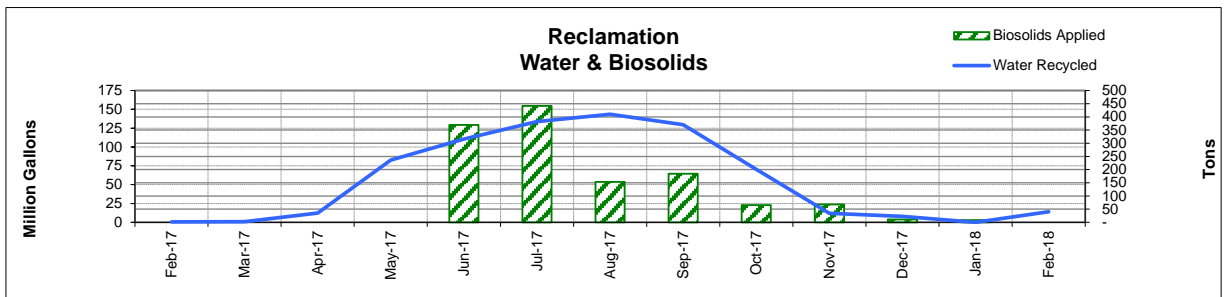
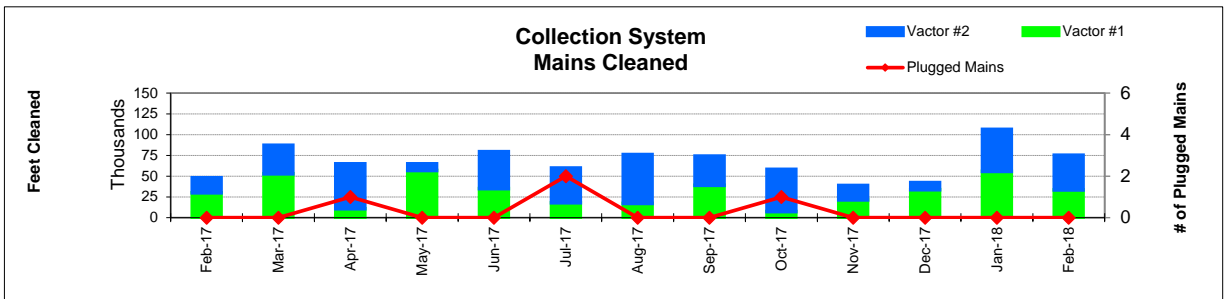
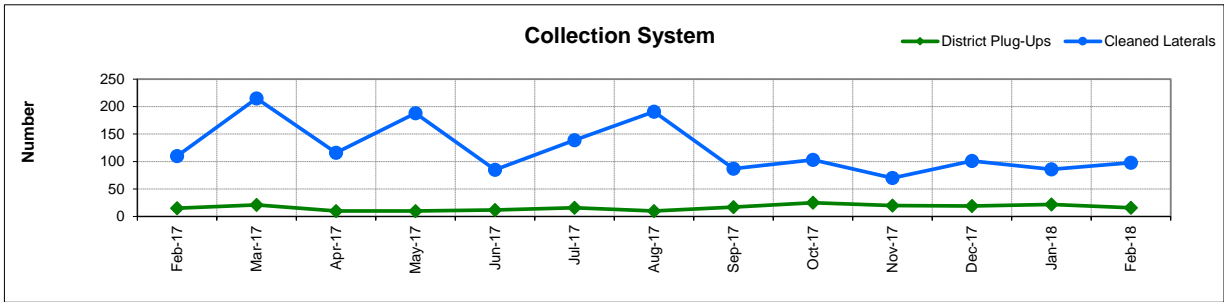
\$21,617,248

**excluding Debt Service restricted funds
2/28/18 -Effective Rate of Return = 1.45%

1. Series 2009B's and 2012A's principal/interest payments are made in Aug & Feb
2. Includes Debt Service and Intrafund Transfers; otherwise is 61.8%
3. See Capital Project Status report for details
4. Includes reimbursement from NBWRA from FY 16-17
5. In-house Labor for Capital Projects (Contra acct for Salaries)







FUND BALANCES - MONTHLY

| CATEGORY | Feb-17 | Mar-17 | Apr-17 | May-17 | Jun-17 | Jul-17 | Aug-17 | Sep-17 | Oct-17 | Nov-17 | Dec-17 | Jan-18 | Feb-18 |
|----------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <i>(Thousand Dollars)</i> | | | | | | | | | | | | | |
| 7800 | 8,506 | 8,055 | 14,722 | 14,059 | 13,463 | 11,450 | 6,645 | 6,560 | 6,395 | 8,372 | 13,220 | 13,251 | 13,210 |
| 7850 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Subtotal Operating | 8,506 | 8,055 | 14,722 | 14,059 | 13,463 | 11,450 | 6,645 | 6,560 | 6,395 | 8,372 | 13,220 | 13,251 | 13,210 |
| Capital Improvement Projects | 8,598 | 7,921 | 8,001 | 7,995 | 8,867 | 7,312 | 7,083 | 6,205 | 5,480 | 3,897 | 9,514 | 8,720 | 7,830 |
| Debt Proceeds | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Subtotal Capital | 8,598 | 7,921 | 8,001 | 7,995 | 8,867 | 7,312 | 7,083 | 6,205 | 5,480 | 3,897 | 9,514 | 8,720 | 7,830 |
| Total Discretionary Funds | 17,104 | 15,976 | 22,723 | 22,054 | 22,330 | 18,762 | 13,728 | 12,765 | 11,875 | 12,269 | 22,734 | 21,971 | 21,040 |
| Expansion Fund (Restricted) | - | - | - | - | 202 | - | - | - | - | - | 332 | 449 | 577 |
| Total Restricted Funds | - | - | - | - | 202 | - | - | - | - | - | 332 | 449 | 577 |
| TOTAL ALL FUNDS | 17,104 | 15,976 | 22,723 | 22,054 | 22,532 | 18,762 | 13,728 | 12,765 | 11,875 | 12,269 | 23,066 | 22,420 | 21,617 |

DEVELOPMENT WORKLOAD - MONTHLY

| CATEGORY | Feb-17 | Mar-17 | Apr-17 | May-17 | Jun-17 | Jul-17 | Aug-17 | Sep-17 | Oct-17 | Nov-17 | Dec-17 | Jan-18 | Feb-18 |
|--|-----------|-----------|-----------|------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| <u>Phone Requests</u> | | | | | | | | | | | | | |
| Maps/Drawings | 7 | 4 | 5 | 5 | 5 | 3 | 4 | 5 | 6 | 3 | 3 | 6 | 6 |
| Lateral Permits | 2 | 2 | - | - | - | - | - | - | - | - | - | - | - |
| Policy Questions | 10 | 6 | 4 | 10 | 19 | 11 | 6 | 4 | 7 | 8 | 6 | 4 | 12 |
| Development Questions | 60 | 63 | 62 | 91 | 95 | 51 | 71 | 28 | 39 | 40 | 23 | 55 | 63 |
| Miscellaneous | 6 | 6 | 8 | 8 | 10 | 11 | 3 | 3 | 2 | 3 | 10 | 8 | 7 |
| TOTAL | 85 | 81 | 79 | 114 | 129 | 76 | 84 | 40 | 54 | 54 | 42 | 73 | 88 |
| <u>Counter Requests</u> | | | | | | | | | | | | | |
| Maps/Drawings | 1 | - | 1 | 3 | 6 | 2 | - | 1 | - | - | - | 1 | - |
| Lateral Permits | 5 | 11 | 10 | 10 | 18 | 15 | 6 | 16 | 4 | 5 | 7 | 11 | 9 |
| Policy Questions | 2 | 1 | - | 5 | 2 | 5 | 2 | 2 | 2 | 1 | 2 | - | 2 |
| Development Questions | 13 | 5 | 15 | 29 | 21 | 8 | 14 | 8 | 7 | 9 | 9 | 7 | 9 |
| Miscellaneous | 1 | - | 1 | 5 | 6 | 2 | 2 | 2 | 3 | - | 1 | 1 | 1 |
| TOTAL | 22 | 17 | 27 | 52 | 53 | 32 | 24 | 29 | 16 | 15 | 19 | 20 | 21 |
| <u>Initial Request (Referrals)</u> | 11 | 25 | 17 | 22 | 20 | 10 | 11 | 14 | 11 | 17 | 5 | 7 | 13 |
| <u>Connection Permits Issued</u> | | | | | | | | | | | | | |
| Residential Permits | 1 | 3 | 1 | 1 | 12 | 1 | 4 | 2 | 1 | 1 | 5 | 3 | 12 |
| Commercial Permits | 1 | 3 | 1 | 4 | 2 | 2 | 5 | 4 | 2 | 2 | 3 | 5 | 3 |
| Industrial Permits | | - | - | - | - | - | | | - | - | - | | |
| TOTAL PERMITS | 2 | 6 | 2 | 5 | 14 | 3 | 9 | 6 | 3 | 3 | 8 | 8 | 15 |
| Residential Units | 1 | 3 | 1 | 2 | 35 | 1 | 4 | 2 | 1 | 1 | 5 | 3 | 12 |
| Commercial Units | 3 | - | 1 | 4 | 7 | 2 | 6 | 4 | 2 | 2 | 3 | 5 | 3 |
| TOTAL UNITS | 4 | 3 | 2 | 6 | 42 | 3 | 10 | 6 | 3 | 3 | 8 | 8 | 15 |
| <u>Annexations</u> | | | | | | | | | | | | | |
| Submitted | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Acreage | - | - | - | - | - | - | - | - | - | - | - | - | - |
| <u>Plans Reviewed</u> | | | | | | | | | | | | | |
| <u>Subdivisions/Sites</u> | | | | | | | | | | | | | |
| First Submittal | 2 | 4 | 11 | 6 | 8 | 10 | 5 | 10 | 6 | 2 | 3 | 9 | 19 |
| Second Submittal | 3 | 7 | 6 | 8 | 4 | 5 | 7 | 1 | 1 | 1 | 4 | 2 | 5 |
| Third Submittal | 1 | 5 | 1 | 2 | 8 | 4 | 2 | 1 | 7 | 2 | 3 | 5 | 4 |
| <u>Building/Tenant Improvements</u> | | | | | | | | | | | | | |
| First Submittal | 5 | 7 | 4 | 9 | 17 | 8 | 19 | 15 | 9 | 5 | 10 | 5 | 16 |
| Second Submittal | 2 | 5 | 4 | 4 | 5 | 9 | 6 | 5 | 9 | 10 | 3 | 1 | 2 |
| Third Submittal | 1 | 10 | 3 | 7 | 8 | 6 | 7 | 3 | 2 | 7 | 5 | 2 | 3 |
| <u>Miscellaneous Plan Reviews</u> | - | - | - | - | - | - | - | - | - | - | - | - | - |
| TOTAL PLANS REVIEWED | 14 | 38 | 29 | 36 | 50 | 42 | 46 | 35 | 34 | 27 | 28 | 24 | 49 |

INSPECTION WORKLOAD - MONTHLY

| CATEGORY | Feb-17 | Mar-17 | Apr-17 | May-17 | Jun-17 | Jul-17 | Aug-17 | Sep-17 | Oct-17 | Nov-17 | Dec-17 | Jan-18 | Feb-18 |
|--------------------------------|-----------|------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------|
| <u>CONSTRUCTION</u> | | | | | | | | | | | | | |
| Locating Sewers | - | - | - | - | - | - | - | - | 1 | - | - | - | - |
| Permit Processing | - | - | - | - | 1 | - | - | - | - | - | - | - | - |
| Preconstruction Meetings | 6 | 6 | 4 | 1 | 2 | 3 | 2 | - | - | 1 | 1 | 7 | 7 |
| Inspections - Mains | - | 6 | 1 | - | 4 | - | - | 2 | - | - | 5 | - | 20 |
| Inspections - Manholes | 16 | 15 | 61 | 1 | 9 | 3 | 3 | 40 | 72 | 45 | 62 | 41 | 38 |
| Inspections - Laterals | 17 | 50 | 14 | 3 | 8 | 11 | 8 | 6 | 2 | 7 | 15 | 23 | 26 |
| Inspections - Cleanouts | 38 | 74 | 25 | - | 2 | 4 | 3 | 4 | 4 | 11 | 10 | 31 | 36 |
| Inspections - Review Video | - | - | - | 2 | - | 3 | - | - | - | - | - | - | - |
| Demo - Septic Tanks | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Demo - Buildings | - | 1 | 2 | - | - | - | - | - | - | - | - | - | - |
| Update Record Drawings | - | - | - | - | - | - | - | - | - | - | - | - | - |
| TOTAL | 77 | 152 | 107 | 7 | 26 | 24 | 16 | 52 | 79 | 64 | 93 | 102 | 127 |
| <u>MISCELLANEOUS</u> | | | | | | | | | | | | | |
| Meter Readings | - | 13 | 24 | - | - | - | - | - | - | - | - | 11 | 24 |
| Washdown Facility Inspections | - | - | - | - | - | - | - | - | - | - | - | - | - |
| General Customer Assistance | 11 | 10 | 12 | 11 | 30 | 34 | 28 | 30 | 31 | 30 | 25 | 26 | 18 |
| City of Napa Water Discharge | - | - | - | - | - | - | - | - | - | - | - | 0 | - |
| TOTAL | 11 | 23 | 36 | 11 | 30 | 34 | 28 | 30 | 31 | 30 | 25 | 37 | 42 |
| <u>SPECIAL PROJECTS</u> | | | | | | | | | | | | | |
| | 6 | 16 | 0 | 0 | 22 | 21 | 23 | 36 | 24 | 6 | 1 | 7 | 0 |

POLLUTION PREVENTION WORKLOAD - MONTHLY

| CATEGORY | Feb-17 | Mar-17 | Apr-17 | May-17 | Jun-17 | Jul-17 | Aug-17 | Sep-17 | Oct-17 | Nov-17 | Dec-17 | Jan-18 | Feb-18 |
|--------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| <u>Outreach Activities</u> | | | | | | | | | | | | | |
| Plant Tours Conducted | 4 | 11 | 3 | 4 | 1 | 2 | 1 | 9 | 1 | 2 | 0 | 3 | 0 |
| Presentations Made | 2 | 1 | 1 | 5 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Total Outreach Activities | 6 | 12 | 4 | 9 | 2 | 2 | 1 | 12 | 1 | 2 | - | 3 | - |
| <u>Inspections Conducted</u> | | | | | | | | | | | | | |
| Food Service Facilities | 53 | 35 | 25 | - | - | - | - | - | - | - | - | 6 | 22 |
| Auto Body & Car Wash | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Other | - | - | - | - | - | - | - | - | - | 1 | - | - | - |
| Total Inspections | 53 | 35 | 25 | - | - | - | - | - | - | 1 | - | 6 | 22 |
| <u>Compliance Issues</u> | | | | | | | | | | | | | |
| NOVs Issued | 1 | 4 | - | - | 1 | - | - | 1 | 2 | - | 1 | - | 3 |
| NOEs Issued | 1 | 1 | - | 1 | - | - | 1 | 1 | 1 | - | 1 | 1 | 3 |
| Non-Compliant-FOG | 1 | 1 | - | - | - | - | - | - | - | - | 1 | - | - |
| Total Compliance Issues | 3 | 6 | - | 1 | 1 | - | 1 | 2 | 3 | - | 3 | 1 | 6 |
| <u>Pollution Prevention</u> | | | | | | | | | | | | | |
| Clothes Washer Rebates | 21 | - | - | 28 | 21 | 1 | 1 | 19 | - | - | - | 25 | 14 |
| Toilet Retrofit Rebates | 4 | 7 | 1 | 2 | 7 | 16 | 6 | 3 | - | - | - | - | - |
| Pharmaceuticals Diverted (in lbs) | 201 | 210 | 185 | 302 | 368 | - | - | - | 59 | 63 | - | 35 | - |

RECYCLED WATER DELIVERIES - MONTHLY

| | Acres | Feb-17 | Mar-17 | Apr-17 | May-17 | Jun-17 | Jul-17 | Aug-17 | Sep-17 | Oct-17 | Nov-17 | Dec-17 | Jan-18 | Feb-18 |
|--------------------------|----------------|--------------|--------------|---------------|---------------|----------------|----------------|----------------|----------------|---------------|---------------|--------------|----------|---------------|
| MONTHLY (MG) | | | | | | | | | | | | | | |
| Water Sold | | | | | | | | | | | | | | |
| Golf Courses | 405.0 | - | 0.081 | 2.513 | 53.481 | 66.261 | 73.994 | 58.595 | 53.035 | 26.903 | 5.504 | 6.253 | - | 6.152 |
| Cemeteries | 57.1 | - | - | - | 0.705 | 0.754 | 0.834 | 1.116 | 0.634 | 0.833 | 0.193 | 0.003 | - | 0.005 |
| Parks | 18.5 | - | 0.002 | 0.001 | 0.624 | 1.020 | 0.902 | 0.866 | 0.650 | 0.333 | 0.020 | - | - | - |
| Schools | 21.0 | - | 0.005 | 0.013 | 1.396 | 2.604 | 2.250 | 2.178 | 1.613 | 1.485 | 0.195 | 0.019 | - | 0.255 |
| Commerical | 167.6 | 0.404 | 0.501 | 2.493 | 15.246 | 17.491 | 17.468 | 17.399 | 15.227 | 13.665 | 4.387 | 1.402 | - | 1.835 |
| Vineyards | 564.0 | 0.063 | 0.101 | 7.119 | 4.868 | 10.709 | 19.143 | 30.814 | 18.019 | 16.506 | 1.766 | 0.225 | - | 5.695 |
| Trucked Water | 175.0 | 0.002 | 0.015 | 0.018 | 0.027 | 0.051 | 0.474 | 0.602 | 0.274 | 0.197 | 0.030 | 0.014 | - | 0.017 |
| Subtotal Sales | 1,408.2 | 0.469 | 0.705 | 12.156 | 76.347 | 98.891 | 115.065 | 111.571 | 89.451 | 59.922 | 12.095 | 7.916 | - | 13.960 |
| District Use | | | | | | | | | | | | | | |
| Jameson | 330.0 | - | 0.087 | 0.032 | - | - | 7.298 | 18.483 | 20.751 | - | - | - | - | 0.077 |
| Somky | 213.0 | - | 0.002 | - | 6.256 | 11.738 | 11.488 | 13.426 | 19.372 | 10.364 | - | - | - | - |
| Fagundes/Airport | 50.5 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Subtotal District | 593.5 | - | 0.089 | 0.032 | 6.256 | 11.738 | 18.786 | 31.910 | 40.122 | 10.364 | - | - | - | 0.077 |
| TOTAL DELIVERED | 2,001.7 | 0.469 | 0.794 | 12.188 | 82.603 | 110.628 | 133.851 | 143.481 | 129.574 | 70.286 | 12.095 | 7.916 | - | 14.037 |
| ANNUAL (AF) | | | | | | | | | | | | | | |
| Water Sold | | | | | | | | | | | | | | |
| Golf Courses | 405.0 | 969 | 969 | 936 | 985 | 1,013 | 1,047 | 1,033 | 1,044 | 1,048 | 1,045 | 1,064 | | 1,083 |
| Cemeteries | 57.1 | 14 | 14 | 14 | 14 | 14 | 14 | 15 | 13 | 15 | 16 | 16 | | 16 |
| Parks | 18.5 | 16 | 16 | 16 | 16 | 16 | 14 | 13 | 13 | 13 | 14 | 14 | | 14 |
| Schools | 21.0 | 34 | 34 | 33 | 32 | 32 | 32 | 33 | 33 | 36 | 36 | 36 | | 37 |
| Commerical | 167.6 | 305 | 299 | 287 | 300 | 301 | 309 | 309 | 310 | 322 | 325 | 328 | | 329 |
| Vineyards | 564.0 | 265 | 264 | 270 | 279 | 270 | 281 | 308 | 310 | 342 | 336 | 336 | | 353 |
| Trucked Water | 175.0 | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 5 | 6 | 6 | 5 | | 5 |
| Subtotal Sales | 1,408.2 | 1,607 | 1,600 | 1,559 | 1,630 | 1,650 | 1,702 | 1,717 | 1,728 | 1,782 | 1,778 | 1,799 | - | 1,835 |
| District Use | | | | | | | | | | | | | | |
| Jameson | 330.0 | 163 | 163 | 163 | 163 | 158 | 164 | 183 | 182 | 143 | 143 | 143 | | 143 |
| Somky | 213.0 | 222 | 222 | 222 | 241 | 268 | 254 | 230 | 222 | 223 | 223 | 223 | | 223 |
| Fagundes/Airport | 50.5 | - | - | - | - | - | - | - | - | - | - | - | | - |
| Subtotal District | 593.5 | 385 | 385 | 385 | 404 | 427 | 419 | 413 | 404 | 366 | 366 | 366 | - | 366 |
| TOTAL DELIVERED | 2,001.7 | 1,992 | 1,985 | 1,945 | 2,034 | 2,077 | 2,121 | 2,130 | 2,132 | 2,148 | 2,144 | 2,165 | - | 2,202 |

BIOSOLIDS HANDLING - MONTHLY

| Site | Feb-17 | Mar-17 | Apr-17 | May-17 | Jun-17 | Jul-17 | Aug-17 | Sep-17 | Oct-17 | Nov-17 | Dec-17 | Jan-18 | Feb-18 |
|-----------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| <u>Land Applied by NSD</u> | | | | | | | | | | | | | |
| Somky | | | | | | | | | | | | | |
| Airport/Fagundes | | | | | | | | | | | | | |
| Jameson Canyon | - | - | - | - | 370 | 442 | 153 | 184 | 65 | 68 | 11 | 8 | - |
| Subtotal by NSD | - | - | - | - | 370 | 442 | 153 | 184 | 65 | 68 | 11 | 8 | - |
| <u>Land Applied by Contractor</u> | | | | | | | | | | | | | |
| Somky | | | | | | | | | | | | | |
| Airport/Fagundes | | | | | | | | | | | | | |
| Jameson Canyon | | | | | | | | | | | | | |
| Subtotal by Contractor | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Land Applied | - | - | - | - | 370 | 442 | 153 | 184 | 65 | 68 | 11 | 8 | - |
| Off Site (Contractor) | | | | | | | | | | | | | |
| <hr/> | | | | | | | | | | | | | |
| Total (tons) | - | - | - | - | 370 | 442 | 153 | 184 | 65 | 68 | 11 | 8 | - |

COLLECTION SYSTEM MAINTENANCE - MONTHLY

| CATEGORY | Feb-17 | Mar-17 | Apr-17 | May-17 | Jun-17 | Jul-17 | Aug-17 | Sep-17 | Oct-17 | Nov-17 | Dec-17 | Jan-18 | Feb-18 |
|--|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|
| <u>Plugups</u> | | | | | | | | | | | | | |
| Total Calls | 51 | 61 | 39 | 37 | 44 | 43 | 36 | 42 | 54 | 63 | 48 | 62 | 49 |
| Business Hours | 30 | 43 | 25 | 21 | 25 | 25 | 27 | 26 | 33 | 38 | 27 | 40 | 35 |
| After Hours | 21 | 18 | 14 | 16 | 19 | 18 | 9 | 16 | 21 | 25 | 21 | 22 | 14 |
| District's | 15 | 21 | 10 | 10 | 12 | 16 | 10 | 17 | 25 | 20 | 19 | 22 | 16 |
| Property Owner's | 36 | 40 | 29 | 27 | 32 | 27 | 26 | 25 | 29 | 43 | 29 | 40 | 33 |
| Plugged Main Lines | | | | | | | | | | | | | |
| Run Lateral w/Eel | 110 | 215 | 116 | 188 | 85 | 139 | 191 | 87 | 103 | 70 | 101 | 86 | 98 |
| <u>Cleaning (feet of sewer)</u> | | | | | | | | | | | | | |
| Vactor #1 | 30,016 | 52,800 | 10,888 | 56,860 | 35,077 | 18,053 | 17,179 | 38,849 | 7,417 | 21,500 | 33,612 | 55,782 | 33,391 |
| Vactor #2 | 18,062 | 34,405 | 53,959 | 7,819 | 44,357 | 41,749 | 58,712 | 35,140 | 50,621 | 17,254 | 8,642 | 50,441 | 41,842 |
| Hydro | | | | | | | | | | | 1,251 | | |
| Rodder | | | | | | | | | | | | 765 | |
| Total (feet) | 48,077 | 87,205 | 64,846 | 64,679 | 79,433 | 59,802 | 75,891 | 73,989 | 58,038 | 38,754 | 43,505 | 106,988 | 75,233 |
| <u>Cleaning Days</u> | | | | | | | | | | | | | |
| Vactor #1 | 11 | 14 | 5 | 16 | 12 | 8 | 8 | 14 | 3 | 10 | 14 | 18 | 11 |
| Vactor #2 | 7 | 11 | 17 | 4 | 16 | 13 | 23 | 11 | 18 | 10 | 5 | 14 | 13 |
| Hydro | | | | | | | | | | | | | |
| Rodder | | | | | | | | | | | | 1 | |
| Feet/day | 2,650 | 3,500 | 2,950 | 3,250 | 2,850 | 2,850 | 2,450 | 2,950 | 2,750 | 1,950 | 2,300 | 3,250 | 3,150 |
| Vactor #1 | 2,750 | 3,750 | 2,200 | 3,550 | 2,900 | 2,250 | 2,150 | 2,750 | 2,450 | 2,150 | 2,400 | 3,100 | 3,050 |
| Vactor #2 | 2,600 | 3,150 | 3,150 | 1,950 | 2,750 | 3,200 | 2,550 | 3,200 | 2,800 | 1,750 | 1,750 | 3,600 | 3,200 |
| Hydro | | | | | | | | | | | | | |
| Rodder | | | | | | | | | | | | 750 | |
| <u>Video Inspections</u> | | | | | | | | | | | | | |
| Mains (feet) | 6,398 | 17,209 | 15,580 | 25,066 | 24,881 | 15,731 | 15,789 | | | 10,767 | 6,320 | 17,644 | 12,878 |
| Laterals (each) | 175 | 324 | 249 | 251 | 205 | 265 | 246 | 170 | 184 | 172 | 186 | 114 | 122 |
| <u>Construction (each)</u> | | | | | | | | | | | | | |
| Cleanouts | 10 | 16 | 4 | 16 | 7 | 31 | 17 | 7 | 4 | 6 | 11 | 15 | 16 |
| Laterals | | 4 | 3 | 4 | 15 | | 9 | 1 | 1 | 1 | 1 | 1 | 4 |
| Mains | | | | | | | | | | | 1 | | 1 |
| Manholes | | 1 | | | | | | | | | | | |
| Other | | | | 50 | | | 2 | | 57 | 79 | | | |
| <u>USA Markings</u> | | | | | | | | | | | | | |
| Regular (w/in 2 days) | 186 | 254 | 305 | 297 | 258 | 215 | 264 | 233 | 252 | 363 | 210 | 281 | 277 |
| Emergency (w/in 2 hours) | 7 | 13 | 8 | 3 | 6 | 5 | 3 | 7 | 33 | 9 | 13 | 15 | 3 |

WASTEWATER PLANT OPERATIONS DATA - MONTHLY

| CATEGORY | Units | Feb-17 | Mar-17 | Apr-17 | May-17 | Jun-17 | Jul-17 | Aug-17 | Sep-17 | Oct-17 | Nov-17 | Dec-17 | Jan-18 | Feb-18 |
|--------------------------------|----------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|--------------|--------------|--------------|
| FLOWES | | 28 | 31 | 30 | 31 | 30 | 31 | 31 | 30 | 31 | 30 | 31 | 31 | 28 |
| Influent | MG | 634.5 | 394.1 | 353.8 | 234.9 | 206.4 | 201.5 | 199.7 | 191.6 | 183.0 | 205.5 | 186.3 | 254.0 | 189.3 |
| Average Day | MGD | 22.7 | 12.7 | 11.8 | 7.6 | 6.9 | 6.5 | 6.4 | 6.4 | 5.9 | 6.9 | 6.0 | 8.2 | 6.8 |
| Maximum Day | Date | 7-Feb | 23-Mar | 9-Apr | 1-May | 11-Jun | 4-Jul | 21-Aug | 18-Sep | 11-Oct | 17-Nov | 1-Dec | 10-Jan | 1-Feb |
| Maximum Day Flow | MG | 45.7 | 23.3 | 23.4 | 8.5 | 7.2 | 6.8 | 6.7 | 6.7 | 6.4 | 14.0 | 6.7 | 16.7 | 7.6 |
| Minimum Day | Date | 1-Feb | 20-Mar | 30-Apr | 24-May | 30-Jun | 31-Jul | 30-Aug | 4-Sep | 1-Oct | 1-Nov | 26-Dec | 2-Jan | 24-Feb |
| Minimum Day Flow | MG | 11.2 | 8.9 | 8.6 | 7.1 | 6.6 | 6.4 | 6.3 | 6.2 | 5.2 | 5.6 | 5.3 | 5.7 | 6.3 |
| Effluent | MG | 718.6 | 730.8 | 480.3 | 98.9 | 117.1 | 146.3 | 158.0 | 142.9 | 80.0 | 314.7 | 169.1 | 302.3 | 176.2 |
| River Discharge | MG | 718.6 | 725.8 | 463.4 | - | - | - | - | - | - | 305.8 | 163.8 | 302.0 | 164.6 |
| Recycled Flow | MG | - | 5.0 | 16.8 | 98.9 | 123.3 | 134.0 | 158.0 | 142.9 | 73.0 | 8.9 | 5.3 | 0.3 | 11.6 |
| BIOSOLIDS | Tons | 355 | 488 | 568 | 507 | 639 | 521 | 952 | 703 | 612 | 731 | 617 | 713 | 770 |
| Wet Tons Generated from Pond | Tons | | | | | | | | | | | | | |
| Wet Tons Generated from Plant | Tons | 355 | 488 | 568 | 507 | 639 | 521 | 952 | 703 | 612 | 731 | 617 | 713 | 770 |
| % Solids Liquid | % | | | | | | | | | | | | | |
| % Solids Cake | % | | | | | | | | | | | | | |
| % Solids Land Application | % | | | | | | | | | | | | | |
| Wet Tons Hauled Offsite | Tons | | | | | | | | | | | | | |
| POLYMER USE | Gallons | 2,394 | 1,979 | 4,644 | 6,112 | 9,760 | 4,352 | 1,987 | 3,927 | 3,051 | 15,506 | 1,939 | 3,839 | 3,931 |
| Pond Pre-Flocculators | Gallons | - | - | 2,676 | - | - | - | - | - | - | 11,711 | | 2,460 | - |
| Flocculator Polymer 1 | Gallons | | | | | | | | | | | | | |
| Flocculator Polymer 2 | Gallons | 1,927 | 1,325 | 720 | - | - | - | - | 115 | - | - | 250 | 589 | 253 |
| Filter Polymer 1 | Gallons | | 47 | 746 | 5,662 | 8,984 | 3,739 | 914 | 3,077 | 2,358 | 830 | 728 | | 3,019 |
| Filter Polymer 2 | Gallons | | | | | | | | | | | 151 | 790 | |
| Belt Presses | Gallons | 467 | 607 | 502 | 450 | 776 | 613 | 1,073 | 735 | 693 | 784 | 810 | 13 | 659 |
| ENERGY | | | | | | | | | | | | | | |
| Total Electricity Used | MWH | 683 | 749 | 759 | 713 | 739 | 807 | 849 | 870 | 747 | 719 | 658 | 673 | 684 |
| Purchased from PGE | MWH | 683 | 583 | 378 | 330 | 338 | 412 | 469 | 476 | 367 | 433 | 287 | 311 | 270 |
| Produced from Co-Gen | MWH | - | 166 | 245 | 213 | 225 | 203 | 253 | 248 | 251 | 236 | 273 | 288 | 286 |
| Percent Produced | % | | 22% | 32% | 30% | 30% | 25% | 30% | 29% | 34% | 33% | 41% | 43% | 42% |
| Purchased from Solar | MWH | - | 14 | 159 | 202 | 203 | 213 | 172 | 153 | 140 | 87 | 98 | 74 | 128 |
| Percent Produced | | | 2% | 21% | 28% | 27% | 26% | 20% | 18% | 19% | 12% | 15% | 11% | 19% |
| Purchased Natural Gas | Therms | 13 | 205 | 50 | 21 | 51 | 858 | 56 | 60 | 19 | 99 | 91 | 2,404 | 1,214 |
| Methane Flared Off | KSCF | 2,722 | 986 | 56 | 15 | 225 | 127 | 156 | 164 | 5 | 82 | 192 | 523 | 733 |
| Stand By Calls | # | 41 | 63 | 42 | 55 | 86 | 48 | 44 | 78 | 36 | 47 | 66 | 23 | 43 |
| Violations | # | - | - | - | - | - | - | - | - | - | - | - | - | - |

WASTEWATER PLANT MAINTENANCE and LABORATORY DATA - MONTHLY

| CATEGORY | Feb-17 | Mar-17 | Apr-17 | May-17 | Jun-17 | Jul-17 | Aug-17 | Sep-17 | Oct-17 | Nov-17 | Dec-17 | Jan-18 | Feb-18 |
|---------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <u>Scheduled</u> | | | | | | | | | | | | | |
| Old | 49 | 43 | 40 | 75 | 41 | 37 | 28 | 17 | 33 | 33 | 61 | 39 | 27 |
| New | 61 | 106 | 91 | 87 | 90 | 72 | 78 | 78 | 86 | 82 | 56 | 117 | 59 |
| Completed | 67 | 109 | 56 | 121 | 94 | 81 | 89 | 62 | 86 | 54 | 78 | 129 | 41 |
| New Balance | 43 | 40 | 75 | 41 | 37 | 28 | 17 | 33 | 33 | 61 | 39 | 27 | 39 |
| <u>Unscheduled</u> | | | | | | | | | | | | | |
| Old | 49 | 48 | 48 | 61 | 46 | 47 | 45 | 38 | 43 | 34 | 44 | 40 | 35 |
| New | 27 | 21 | 24 | 24 | 56 | 29 | 40 | 32 | 21 | 37 | 19 | 18 | 16 |
| Completed | 28 | 21 | 11 | 39 | 55 | 31 | 47 | 27 | 30 | 27 | 23 | 23 | 13 |
| New Balance | 48 | 48 | 61 | 46 | 47 | 45 | 38 | 43 | 34 | 44 | 40 | 35 | 38 |
| <u>Total Work Orders</u> | | | | | | | | | | | | | |
| Old | 98 | 91 | 88 | 136 | 87 | 84 | 73 | 55 | 76 | 66 | 105 | 79 | 62 |
| New | 88 | 127 | 115 | 111 | 146 | 101 | 118 | 110 | 107 | 119 | 75 | 135 | 75 |
| Completed | 95 | 130 | 67 | 161 | 149 | 112 | 132 | 89 | 117 | 81 | 101 | 152 | 60 |
| New Balance | 91 | 88 | 136 | 87 | 84 | 73 | 55 | 76 | 67 | 105 | 79 | 62 | 77 |
| <u>LAB ANALYSES</u> | | | | | | | | | | | | | |
| <u>Sample Type</u> | | | | | | | | | | | | | |
| Regulatory | 214 | 210 | 218 | 177 | 230 | 173 | 193 | 194 | 156 | 178 | 163 | 123 | 190 |
| Process Control | 1,051 | 1,370 | 1,167 | 820 | 1,107 | 1,024 | 1,104 | 1,091 | 1,137 | 1,220 | 1,139 | 1,071 | 1,080 |
| Special Request | 1 | 1 | - | 6 | 200 | - | - | 7 | 8 | 4 | 6 | 4 | 2 |
| Quality Control/Assurance | 272 | 301 | 497 | 523 | 574 | 464 | 549 | 428 | 420 | 1,110 | 874 | 692 | 794 |
| TOTAL | 1,538 | 1,882 | 1,882 | 1,526 | 2,111 | 1,661 | 1,846 | 1,720 | 1,721 | 2,512 | 2,182 | 1,890 | 2,066 |

**Summary of NSD Capital Project Status
through 02-28-18**

| Proj # | Description | FY 17-18 Budget | FY 16-17 Carryovers | Adj. | Final FY 17-18 Budget | Encumbrance | Costs Paid to Date | Budget Remaining | % Budget Expended |
|--------|---|-----------------|---------------------|-------------|-----------------------|-------------|--------------------|------------------|-------------------|
| | <u>COLLECTION SYSTEM</u> | | | | | | | | |
| 13701 | Main Line Sewer Rehab | 91,800 | | | 91,800 | - | 24,142 | 67,658 | 26% |
| 13702 | Manhole Raising/Rehab | 206,000 | | | 206,000 | - | 142,755 | 63,245 | 69% |
| 13703 | Lateral Replacement/Rehab | 74,500 | | | 74,500 | - | 66,468 | 8,032 | 89% |
| 13704 | Cleanouts Installation/Rehab | 90,000 | | | 90,000 | 8,605 | 56,140 | 25,255 | 62% |
| 13705 | I&I Reduction Program | 207,000 | 29,000 | | 236,000 | 189,777 | 19,061 | 27,163 | 8% |
| 14703 | Browns Valley Rd & First St | 9,237,000 | 3,004,750 | (1,000,000) | 11,241,750 | 97,134 | 155,182 | 10,989,434 | 1% |
| 17702 | Upper Lateral Rehab - Basin L (Pilot #2) | 155,300 | | (110,000) | 45,300 | - | 23,687 | 21,613 | 52% |
| 17704 | Infltrtn Rehab - SSMH/PL (CI-) | - | 73,900 | | 73,900 | - | - | 73,900 | - |
| 17705 | Soscol Ave (8th to Oil Co Rd) | 950,000 | 415,450 | | 1,365,450 | 25,437 | 1,320,747 | 19,266 | 97% |
| 17707 | 66-inch Trunk CCTV Inspection | - | 149,350 | 90,000 | 239,350 | 27,836 | 126,377 | 85,136 | 53% |
| 17708 | Basin G - I&I Reduction #1 | 2,942,000 | 1,504,100 | | 4,446,100 | 1,275,814 | 2,752,845 | 417,441 | 62% |
| 17734 | Homewood/Westwood I/I Reduction | - | 60,300 | | 60,300 | - | 17,537 | 42,763 | 29% |
| 18701 | I&I Smoke Testing | 100,000 | | | 100,000 | - | - | 100,000 | - |
| 18702 | Collection System Asset Management Software | 350,000 | | | 350,000 | - | - | 350,000 | - |
| 18703 | Upper Lateral Rehab - Pilot #4 | 5,000 | | | 5,000 | - | - | 5,000 | - |
| 18704 | Manhole Rehab - Nipak - Basin H | 284,600 | | (5,000) | 279,600 | - | 182,437 | 97,163 | 65% |
| 18705 | Sewer System Inflow/Infiltration 2018 | 1,650,000 | | 834,000 | 2,484,000 | 906 | 102,843 | 2,380,251 | 4% |
| 18706 | Sewer System Inflow/Infiltration 2019 | 20,000 | | | 20,000 | - | 659 | 19,341 | 3% |
| | | | | | | | | | |
| | <u>COLLECTION SYSTEM - EQUIPMENT</u> | | | | | | | | |
| 18707 | Locatable Mini-Camera #2 Replacement | 11,100 | | | 11,100 | - | 8,836 | 2,265 | 80% |
| 18708 | Manhole - Smart Covers (4) | 25,000 | | | 25,000 | - | 2,398 | 22,602 | 10% |
| 18709 | Vehicle 504 - TV Truck | 270,000 | | | 270,000 | - | 187,154 | 82,846 | 69% |
| 18735 | Permaliner Picote | - | | 20,000 | 20,000 | - | 15,476 | 4,524 | 77% |
| 18738 | Combination Truck Veh #529B | - | | 575,000 | 575,000 | 563,239 | - | 11,761 | - |
| | | | | | | | | | |
| | <u>LIFT STATIONS</u> | | | | | | | | |
| 17711 | West Napa PS - Rehab | - | 1,746,365 | | 1,746,365 | 12,486 | 56,568 | 1,677,311 | 3% |
| | | | | | | - | | | |
| | <u>TREATMENT</u> | | | | | - | | | |
| 13745 | Pond 1 Dredge | 400,000 | | | 400,000 | 26,725 | 1,047 | 372,229 | 0% |
| 16708 | Algae to Digester/Thermal Stdy | - | 46,800 | | 46,800 | 22,913 | 698 | 23,189 | 1% |
| | | | | | | | | | |
| | <u>TREATMENT - EQUIPMENT</u> | | | | | | | | |

**Summary of NSD Capital Project Status
through 02-28-18**

| Proj # | Description | FY 17-18 Budget | FY 16-17 Carryovers | Adj. | Final FY 17-18 Budget | Encumbrance | Costs Paid to Date | Budget Remaining | % Budget Expended |
|--------|--|-----------------|---------------------|-----------|-----------------------|-------------|--------------------|------------------|-------------------|
| 13735 | Dual Fuel Boiler Burner | 155,300 | | | 155,300 | - | - | 155,300 | - |
| 13741 | Secondary PS Pump Rebuild (3) | 38,800 | | | 38,800 | - | 31,797 | 7,003 | 82% |
| 13743 | Risidual Analyzers (Deox) Replacements | 5,000 | 3,500 | 40,000 | 48,500 | - | 43,925 | 4,575 | 91% |
| 15711 | Rotork Actuator Replacement | - | 7,600 | | 7,600 | - | - | 7,600 | - |
| 15713 | Aeration Basin Instrmntn/Ctrl | - | 10,000 | | 10,000 | - | 3,280 | 6,720 | 33% |
| 16714 | High Voltage System Repairs | - | 66,500 | (66,500) | - | - | - | - | - |
| 17713 | Secondary PS VFD Rplcmnt (3) | 55,400 | 51,150 | (106,550) | - | - | - | - | - |
| 17714 | WWTP MP - 3W Sys Imprvmnts | 440,000 | 36,100 | (476,100) | - | - | - | - | - |
| 17715 | Turbidimeters (7) Tertiary Rplcmnts | 20,000 | 15,400 | | 35,400 | 14,041 | 19,405 | 1,954 | 55% |
| 17718 | Ener Audit - LED Pole/Arm Mounted Fixtures | - | 44,750 | (15,000) | 29,750 | 4,297 | 267 | 25,186 | 1% |
| 17725 | Main - Sump #3 Modification | - | 10,000 | | 10,000 | - | - | 10,000 | - |
| 18710 | 3W Pipeline - Soscol PS to Plant - Rehab | 33,300 | | | 33,300 | - | - | 33,300 | - |
| 18711 | 3W Strainer | 83,200 | | | 83,200 | - | - | 83,200 | - |
| 18712 | 3W VFD | 62,100 | | (62,100) | - | - | - | - | - |
| 18713 | Primary Influent Pipe - East Gallery | 250,000 | | (250,000) | - | - | - | - | - |
| 18714 | Distillation System | 6,000 | | | 6,000 | - | - | 6,000 | - |
| 18715 | Muffle Furnace - Replacement | 15,000 | | (10,000) | 5,000 | - | - | 5,000 | - |
| 18716 | Rotork Actuator Replacement | 91,800 | | | 91,800 | - | - | 91,800 | - |
| 18717 | Septage Card Reader Replacement | 21,400 | | | 21,400 | - | - | 21,400 | - |
| 18718 | Secondary Clarifier Mech/Struct Rehabilitation | 50,000 | | | 50,000 | - | 50,000 | - | 100% |
| 18719 | Filter Flow Control - Rotork Valves | 46,600 | | | 46,600 | - | - | 46,600 | - |
| 18720 | Neuros Blowers Rebuild | 62,100 | | | 62,100 | - | - | 62,100 | - |
| 18721 | CCB #3 Effluent Gate | 5,000 | | (5,000) | - | - | - | - | - |
| 18722 | FOG Station Water Heater | 5,000 | | | 5,000 | - | - | 5,000 | - |
| 18723 | Pond 4 PS - Repair Leak | 24,000 | | (24,000) | - | - | - | - | - |
| 18724 | Filter 1-4 Air Valve | 10,000 | | (10,000) | - | - | - | - | - |
| 18725 | Belt Press Hydraulic Actuator Replace | 20,000 | | | 20,000 | - | - | 20,000 | - |
| 18734 | Boat Motor Vehicle 302 | - | | 10,000 | 10,000 | - | 7,407 | 2,593 | 74% |
| 18739 | Pond 1 Transformer Repair | - | | 25,000 | 25,000 | 17,713 | - | 7,287 | - |
| | | | | | | | | | |
| | TREATMENT - STRUCTURES | | | | | | | | |
| 17726 | Headworks Equipment Rehab/Replacment | 250,000 | 42,100 | | 292,100 | 64,336 | 202,127 | 25,637 | 69% |
| 18726 | Building HVAC and Lab Ventilation | 500,000 | | (500,000) | - | - | - | - | - |
| 18727 | Earthquake - Structural Repair | 300,000 | | 350,000 | 650,000 | 128 | 580,475 | 69,397 | 89% |
| 18728 | Roof Rplcmnt - Solids Handling/Digester Tower | 232,900 | | (65,000) | 167,900 | 2,000 | 164,935 | 965 | 98% |

**Summary of NSD Capital Project Status
through 02-28-18**

| Proj # | Description | FY 17-18 Budget | FY 16-17 Carryovers | Adj. | Final FY 17-18 Budget | Encumbrance | Costs Paid to Date | Budget Remaining | % Budget Expended |
|---------------------------------|--|---------------------|---------------------|--------------------|-----------------------|--------------------|--------------------|---------------------|-------------------|
| 18736 | Treatment Plant Project 2018 | - | | 1,500,250 | 1,500,250 | 130,382 | 195,158 | 1,174,710 | 13% |
| 18737 | Flash Mixer Replacement | - | | 45,000 | 45,000 | 36,428 | 50 | 8,522 | 0% |
| | | | | | | | | | |
| | <u>SCADA</u> | | | | | | | | |
| 18729 | SCADA MP Project #1 - Network Monitoring | 50,000 | | | 50,000 | - | 163 | 49,838 | 0% |
| | | | | | | | | | |
| | <u>RECYCLING - DISTRICT</u> | | | | | | | | |
| 16716 | Line Recycled Water Reservoir | 1,800,000 | 169,550 | 650,000 | 2,619,550 | 850,428 | 1,011,039 | 758,083 | 39% |
| 18730 | Jameson 24" Flow Meter Rehab | 6,200 | | | 6,200 | - | - | 6,200 | - |
| 18731 | Coombsville Truck Fill Station | 100,000 | | | 100,000 | 94 | 25,052 | 74,854 | 25% |
| | | | | | | | | | |
| | <u>RECYCLING - EXPANSION</u> | | | | | | | | |
| 13727 | North Bay Wate Reuse Project | 150,000 | | | 150,000 | - | 80,485 | 69,515 | 54% |
| 14726 | MST RW Pipeline Construction | - | 5,000 | | 5,000 | - | 2,573 | 2,427 | 51% |
| 16722 | MST RW Pipeline Extension | 2,800,000 | (158,465) | | 2,641,535 | 112,371 | 2,071,831 | 457,333 | 78% |
| | | | | | | | | | |
| | <u>OTHER</u> | | | | | | | | |
| 13729 | Development Technical Support | 239,900 | | | 239,900 | - | 201,134 | 38,766 | 84% |
| 18732 | Box Culvert - Fugundes Emergency Access | 5,000 | | | 5,000 | 1,780 | 3,220 | - | 64% |
| 18733 | GPS Handheld | 15,000 | | | 15,000 | - | 7,958 | 7,042 | 53% |
| | | | | | | | | | |
| GRAND TOTAL ALL PROJECTS | | \$25,018,300 | \$7,333,200 | \$1,434,000 | \$33,785,500 | \$3,484,869 | \$9,965,339 | \$20,335,295 | 29% |