



Napa Sanitation District

General Manager's Report

for

January 2022

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DATE: March 2, 2022
FROM: Timothy B. Healy, General Manager
SUBJECT: General Manager's Report for January 2022

REGULATORY COMPLIANCE:

Collection System Compliance:	0 Category 1 SSO's, 0 Category 2 SSO's, and 2 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, 2021 – January 31, 2022
Percent Fiscal Year:	58.3%
Operating Expenditures to date:	45.7%
Historical Expenditures to date:	61.6%
Significant Comments:	None

PERSONNEL:

Significant events for the month of January 2022 in the Human Resources Department:

New Hires:	None
Separations:	Resignation of Simon Kobayashi, Associate Engineer
Promotions:	None
Recruitment Activities:	Continued recruitment for Operator-in-Training or Operator I/II, and opened recruitment for Engineer vacancy.
Injuries:	None

COLLECTIONS:

Significant events for the month of January 2022 in Collection System Maintenance include:

- The District had 0 Category 1 Sanitary Sewer Overflows (SSO's), 0 Category 2 SSO's and 2 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 drainpipe 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

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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 are cleaned by our crews.)

- The repair crew installed 11 cleanouts and repaired 2 cleanouts. They also repaired 3 laterals and lined 3 laterals. Additionally, the service response/programs crew completed 135 work orders in support of the grease and odor control program, responded to 64 customer requests for service (25 were NSD problem) and closed out 272 mark and locate request tickets.
- The preventative maintenance crews ran work orders on 85 laterals, cleaned approximately 44,804.1 feet of main line and CCTV inspected 15 laterals. In addition, the CCTV truck televised 11,146.9 feet of mainline. Also field crews completed 22 man hole inspections.

TREATMENT PLANT:

Significant events for the month of January 2022 in the Treatment Plant Department:

Plant Operations:

- For January 2022, the plant's influent flow was 284.9 MG as compared to last year flow for January 2021 of 209.1 MG
- There was 0.43" rainfall for January 2021 (Napa Airport Weather Center) as compared to 3.18" rainfall for January 2021.
- Pond 4 end of the month recorded level reading was 79.24".
- During January 10 ACFT or 1% of the influent flow was treated and distributed as recycled water.

Power Consumption and Production:

- January 2022 power purchased from PG&E was 340 MWH in comparison to January 2021 purchase of 312 MWH.
- January 2022 Cogeneration unit ran 738 of 744 hours for the month – 99.19% uptime, averaging 312.89Kw, producing 231 MWH of energy
- Solar generation in January 2022 was 93 MWH, compared to 63 MWH in December and 86 MWH in January 2021.

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Maintenance:

Significant events for the month of January 2022:

Process Maintenance

- Cogeneration unit monthly emission test - in compliance with BAAQMD permit
- Replaced E1 sampler pump
- Completed annual flowmeter calibrations
- Replaced FOG transfer pump
- Headworks Compactor 101/installed ARC snubber on sluice solenoid
- Belt Press #2/replaced pressure belt
- Air compressor #2 for DAFC/replaced all O-rings
- Ferric pump #1/replaced duplex inlet and outlet check valves
- Replaced discharge flex coupling on hot water pump 102
- Secondary Effluent pump #2 VFD/ replaced interposing relay

Projects

Standby Power

- Plant generators ran in stand-by mode for 3 hours and 57 minutes
- Riverpark, Stonecrest, West Napa and Stanly Ranch operational testing only

Influent Pumps

- All pumps operational

Laboratory:

Effluent (EFF-001) Summary

There were no violations of Effluent limits during the month of January 2022. All parameters were monitored at the required frequencies. The following were notable sampling events:

- January 5, 2022: Mercury, Metals, Cyanide, Nutrients
- January 11-15, 2022: Acute Toxicity Bioassay
- January 11, 2022: Nutrients

Influent (INF-001) Summary

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

- January 5, 2022: Metals, Mercury, Cyanide

RECYCLING:

Significant events in the Recycling Department for January 2022 include:

- Recycled water delivered for the month of January 2022 was (3.508 million gallons), as compared to January 2021 (19.803 million gallons) is lower from the previous year due to golf course, commercial and vineyard use. Delivered recycled water volume represents the sum of all use site flow meter consumption values.
- Staff continued encapsulating biosolids for wet weather storing.

POLLUTION PREVENTION:

Significant events in the Pollution Prevention and Outreach Division for January 2022 include:

- Staff continued to conduct outreach regarding the Browns Valley Trunk Project. Weekly email and text updates as well as weekly website updates were made to keep residents up to date regarding construction activities.
- Staff conducted two plant tours for Napa High School students.
- Staff continued participation in local and regional group meetings such as the Bay Area Pollution Prevention Group, the Environmental Education Coalition of Napa County, and the CASA Communications Committee.
- With the Environmental Education Coalition of Napa County, staff continued planning for the downtown Earth Day Event to be held on April 24, 2022.
- Staff completed the annual Pollution Prevention Report to be submitted to the State Water Board.
- NapaSan continues to promote the safe medication disposal program. The total amount of unneeded medications collected since the drug takeback program began in September 2010 is 27,462.2 pounds.

ENGINEERING / CAPITAL PROJECTS / DEVELOPMENT:

Significant events occurring in the Engineering Division for January 2022 include:

- Consultants and staff continued work on the CMMS implementation.
- Contractor continued construction of the Browns Valley Trunk Project.
- Contractor continued construction of the West Napa Pump Station Project.
- Contractor continued construction of the 2020 Collection System Rehabilitation Project.
- Contractor continued construction of the 2021 Collection System Rehabilitation Project.
- The construction contract was awarded for the 2022 Collection System Rehabilitation Project.
- Contractor continued construction of the 66-inch Trunk Sewer Rehabilitation Project.
- Contractor continued construction of the Pond Levee Maintenance Project.
- Contractor continued construction of the 2021 Treatment Plant Improvements Project.
- Staff held a public bid opening for the North Napa Siphon Gate Replacement Project.
- Consultant and staff continued working on the Wastewater Treatment Plant Master Plan.
- Staff reviewed 31 sets of development plans and deemed 11 sets of plans complete. The approved plans consisted of 7 residential dwellings, 1 recycled water lateral, and 3 tenant improvements.

Budget Status & Cash Summary - July 1, 2021 - January 31, 2022 (58.3% of the year)

<i>Expenditures</i>	FY 21/22 Budget	Encumbrances	Expenditures to date	Committed to date	Remaining Balance	Percent Committed
Operating						
Salaries & Benefits	\$11,021,800	\$4,669	\$5,066,316	\$5,070,985	\$5,950,815	46.0%
Services & Supplies	7,019,850	1,189,457	3,394,027	4,583,483	2,436,367	65.3%
Taxes	35,000	-	18,516	18,516	16,484	52.9%
Debt Service	5,149,550	-	5,051,530	5,051,530	98,020 ^①	98.1%
Intrafund Transfers	9,000,000	-	-	-	9,000,000	0.0%
Total Operating:	\$32,226,200	\$1,194,126	\$13,530,388	\$14,724,514	\$17,501,686 ^②	45.7%
Capital						
Bldgs/Improvements & Equip	\$37,626,850	\$6,845,624	\$14,110,085	\$20,955,708	\$16,671,142 ^③	55.7%
Intrafund Transfers	3,580,000	-	3,439,189	3,439,189	140,811	96.1%
Total Capital :	\$41,206,850	\$6,845,624	\$17,549,273	\$24,394,897	\$16,811,953	59.2%
Grand Total Expenditures:	\$73,433,050	\$8,039,750	\$31,079,661	\$39,119,411	\$34,313,639	53.3%

<i>Revenues</i>	FY 21/22 Budget	Encumbrances	Revenues to date	Revenues posted to date	Unposted Revenue	Percent Posted
Operating						
Use of Money/Property	\$345,000		\$172,040	\$172,040	\$172,960	49.9%
Charges for Services	32,238,500		18,352,727	18,352,727	13,885,773	56.9%
Miscellaneous Revenues	64,000		51,201	51,201	12,799	80.0%
Donations/Contributions (Capital Labor)	-		383,224	383,224	(383,224) ^④	N/A
Total Operating:	\$32,647,500		\$18,959,192	\$18,959,192	\$13,688,308	58.1%
Capital						
Use of Money/Property	\$0		\$1,486	\$1,486	(\$1,486)	N/A
Capacity Charges	3,580,000		4,447,374	4,447,374	(867,374) ^⑤	124.2%
Bond/Loan Proceeds	7,133,300		6,274,520	6,274,520	858,780	88.0%
Sale of Assets	25,000		-	-	25,000	0.0%
Miscellaneous Revenues	5,000		-	-	5,000	0.0%
Intrafund Transfers	12,580,000		3,439,189	3,439,189	9,140,811	27.3%
Total Capital:	\$23,323,300		\$14,162,568	\$14,162,568	\$9,160,732	60.7%
Grand Total Revenue:	\$55,970,800		\$33,121,761	\$33,121,761	\$22,849,039	59.2%

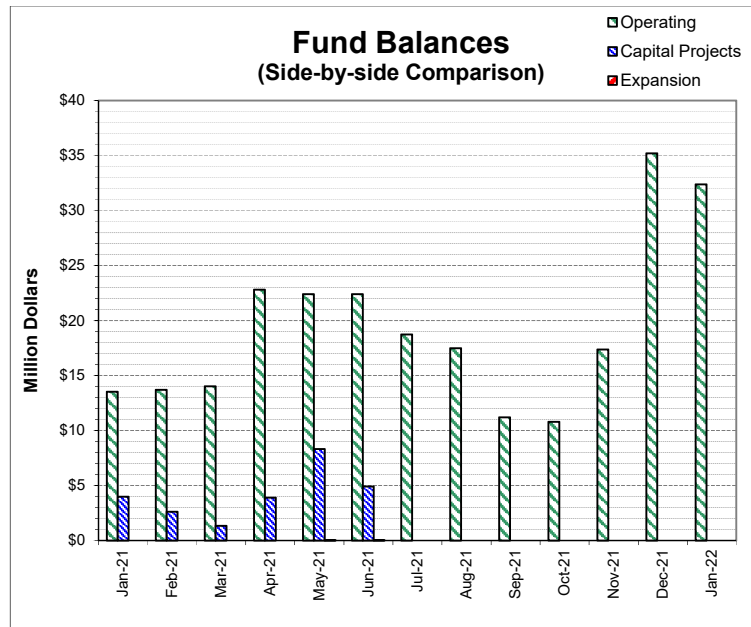
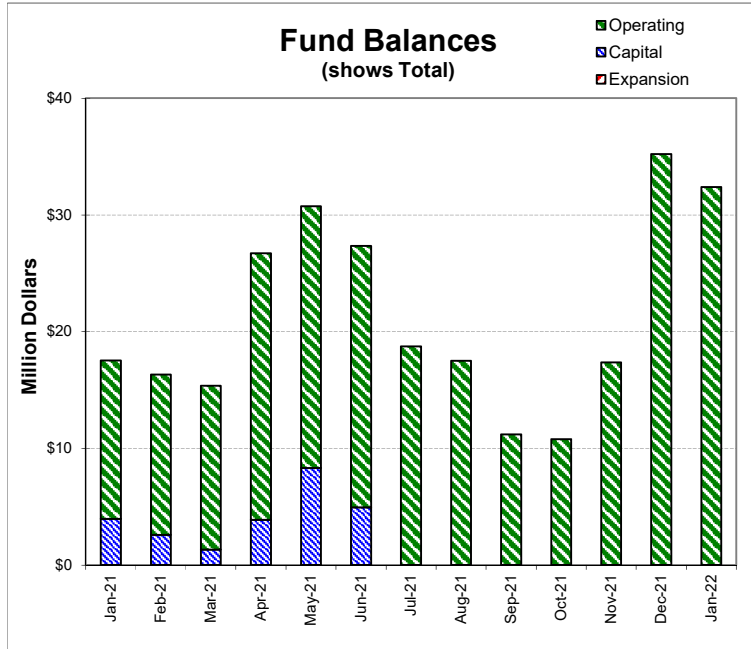
Cash on Hand as of 01/31/22 **\$32,381,048**

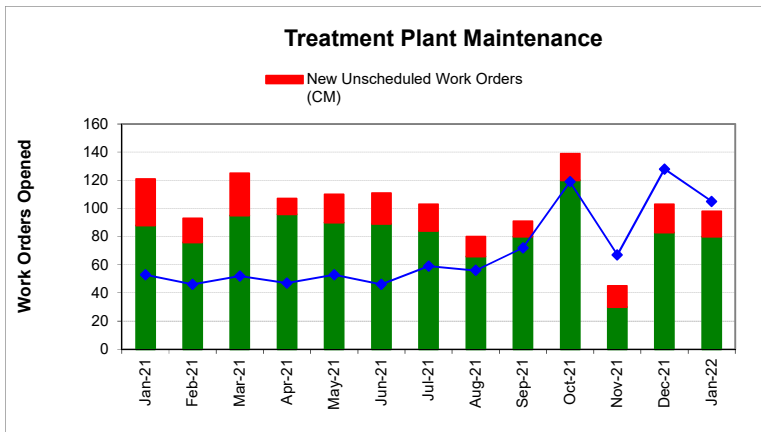
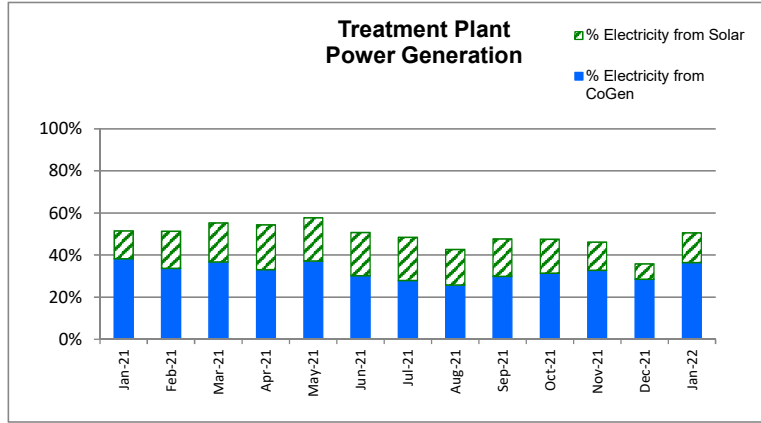
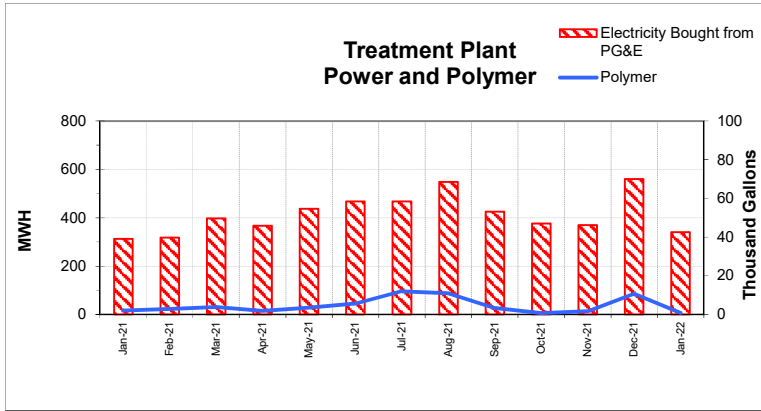
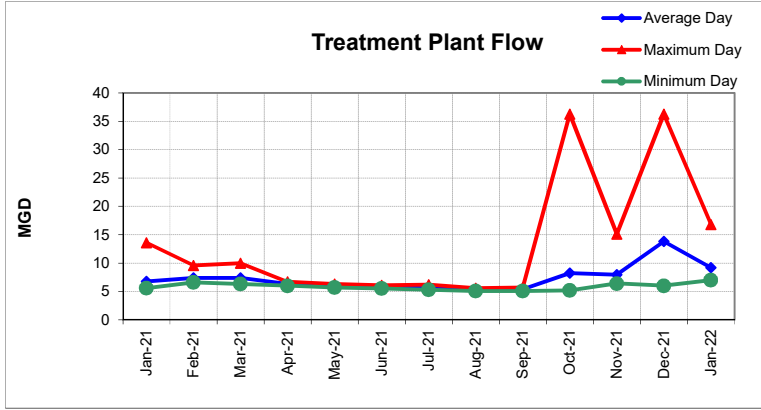
**excluding Debt Service restricted funds

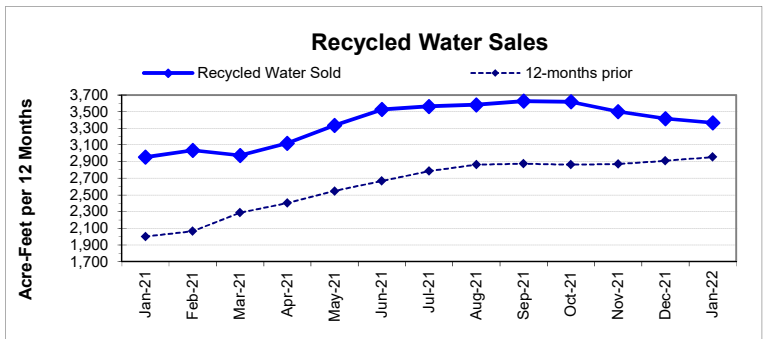
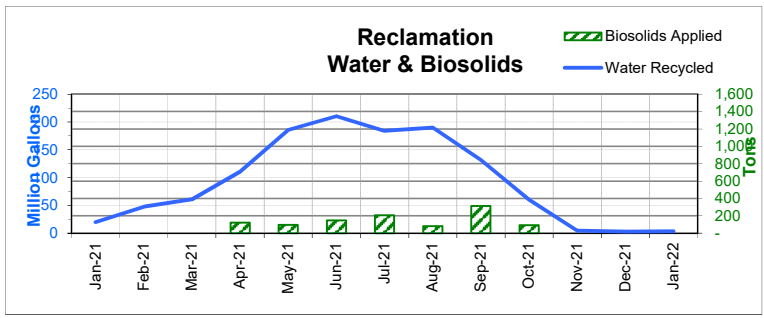
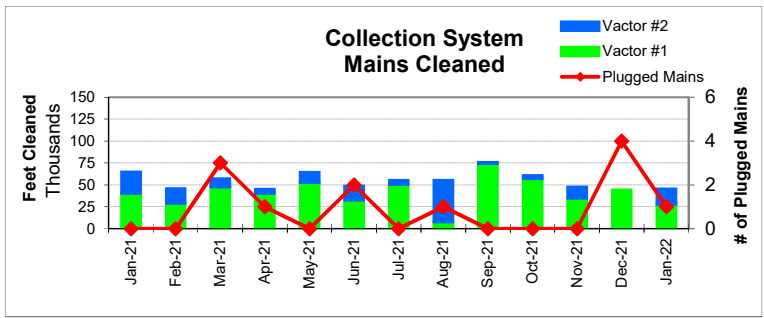
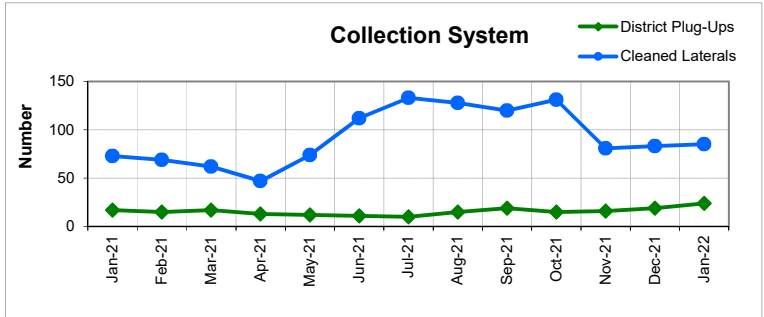
12/31/21 -Effective Rate of Return = 1.06%

Please note: Effective rate of return for January 2022 unavailable at the time of report.

1. Series 2012A, 2017, and 2021A principal/interest payments are made in Jul and Jan
2. Includes Debt Service and Intrafund Transfers; otherwise is 53.5%
3. See Capital Project Status report for details
4. In-house Labor for Capital Projects (Contra acct for Salaries)
5. Received capacity charges for new development earlier than anticipated.







FUND BALANCES - MONTHLY

CATEGORY	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22
<i>(Thousand Dollars)</i>													
7800	13,536	13,713	14,030	22,811	22,390	22,389	18,728	17,489	11,187	10,785	17,363	35,200	32,381
7850	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal Operating	13,536	13,713	14,030	22,811	22,390	22,389	18,728	17,489	11,187	10,785	17,363	35,200	32,381
Capital Improvement Projects	3,967	2,599	1,325	3,886	8,321	4,918	-	-	-	-	-	-	-
Debt Proceeds	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal Capital	3,967	2,599	1,325	3,886	8,321	4,918	-	-	-	-	-	-	-
Total Discretionary Funds	17,503	16,312	15,355	26,697	30,711	27,307	18,728	17,489	11,187	10,785	17,363	35,200	32,381
Expansion Fund (Restricted)	-	-	-	-	8	25	-	-	-	-	-	-	-
Total Restricted Funds	-	-	-	-	8	25	-	-	-	-	-	-	-
TOTAL ALL FUNDS	17,503	16,312	15,355	26,697	30,719	27,332	18,728	17,489	11,187	10,785	17,363	35,200	32,381

DEVELOPMENT WORKLOAD - MONTHLY

CATEGORY	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22
<u>Phone Requests</u>													
Maps/Drawings	1	1	3	4	4	1	2	0	3	5	2	1	4
Lateral Permits	-	-	0	-	-	-	-	1	-	1	-	-	-
Policy Questions	2	2	1	-	-	2	1	2	3	3	3	1	4
Development Questions	26	36	37	64	65	75	81	68	43	59	30	37	51
Miscellaneous	4	8	3	10	13	14	5	3	14	15	8	8	23
TOTAL	33	47	44	78	82	92	89	74	63	83	43	47	82
<u>Counter Requests</u>													
Maps/Drawings	-	-	-	-	-	-	1	-	-	-	-	-	-
Lateral Permits	10	6	10	5	6	7	6	8	6	7	14	8	10
Policy Questions	-	-	-	-	-	-	-	-	-	-	-	-	-
Development Questions	-	-	-	2	1	1	-	-	-	2	2	0	3
Miscellaneous	-	-	-	-	-	-	-	-	1	-	-	-	-
TOTAL	10	6	10	7	7	8	7	8	7	9	16	8	13
<u>Initial Request (Referrals)</u>	14	9	13	13	26	18	19	13	7	10	3	12	6
<u>Connection Permits Issued</u>													
Residential Permits	4	5	1	7	8	10	9	13	4	11	10	11	7
Commercial Permits	1	3	4	7	3	5	5	6	4	3	7	4	4
Industrial Permits	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL PERMITS	5	8	5	14	11	15	14	19	8	14	17	15	11
Residential Units	38	3	1	8	3	7	25	11	6	282	18	55	27
Commercial Units	3	2	2	2	2	1	9	-	5	1	3	2	2
TOTAL UNITS	41	5	3	10	5	8	34	11	11	283	21	57	29
<u>Annexations</u>													
Submitted	1	1	-	1	2	-	-	-	-	-	-	-	1
Acreage	8.50	293	-	24.00	4.6	-	-	-	-	-	-	-	1.00
<u>Plans Reviewed</u>													
<u>Subdivisions/Sites</u>													
First Submittal	1	6	5	13	8	11	10	18	6	11	8	10	9
Second Submittal	1	1	1	6	6	7	7	9	5	6	7	6	7
Third Submittal	4	3	1	2	6	5	7	5	9	7	6	5	2
<u>Building/Tenant Improvements</u>													
First Submittal	6	1	5	10	4	5	4	9	7	4	9	3	5
Second Submittal	2	6	1	5	1	3	3	4	3	3	6	2	4
Third Submittal	-	6	2	2	2	3	6	3	3	1	5	4	4
<u>Miscellaneous Plan Reviews</u>													
TOTAL PLANS REVIEWED	14	23	15	38	27	34	37	48	33	32	41	30	31

INSPECTION WORKLOAD - MONTHLY

CATEGORY	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22
<u>CONSTRUCTION</u>													
Locating Sewers	-	-	-	-	-	-	-	2	2	2	-	-	-
Permit Processing	-	-	-	-	-	-	-	-	-	-	-	-	-
Preconstruction Meetings	-	-	1	2	1	3	-	-	-	-	2	-	2
Inspections - Mains	2	-	-	-	21	10	5	1	-	-	-	1	-
Inspections - Manholes	4	-	-	11	8	3	5	9	1	1	3	10	1
Inspections - Laterals	7	5	12	35	31	18	9	18	11	12	20	10	14
Inspections - Cleanouts	10	7	9	21	10	1	1	6	4	5	30	16	17
Inspections - Review Video	-	3	-	-	-	3	-	2	-	-	-	3	1
Demo - Septic Tanks	-	-	-	-	1	-	-	-	-	-	-	-	-
Demo - Buildings	-	-	-	-	-	-	-	-	-	-	-	-	-
Update Record Drawings	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	23	15	22	69	72	38	20	38	18	20	55	40	35
<u>MISCELLANEOUS</u>													
Meter Readings	4	-	4	-	-	-	-	-	-	3	-	-	90
Washdown Facility Inspections	-	-	-	-	-	1	-	-	3	3	-	-	-
General Customer Assistance	33	12	-	-	2	-	38	38	20	20	30	15	33
City of Napa Water Discharge	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	37	12	4	-	2	1	38	38	23	26	30	15	123
<u>SPECIAL PROJECTS</u>	20	14	50	37	22	24	12	21	15	18	11	21	13

POLLUTION PREVENTION WORKLOAD - MONTHLY

CATEGORY	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22
<u>Outreach Activities</u>													
Plant Tours Conducted	0	0	0	0	0	0	0	1	0	0	6	0	2
Presentations Made	2	4	4	0	0	0	0	0	0	0	0	0	0
Total Outreach Activities	2	4	4	-	-	-	-	1	-	-	6	-	2
<u>Inspections Conducted</u>													
Food Service Facilities	-	-	11	13	19	8	42	-	17	17	59	13	-
Auto Body & Car Wash	-	-	-	-	-	-	1	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	19	22	-	-	-
Total Inspections	-	-	11	13	19	8	43	-	36	39	59	13	-
<u>Compliance Issues</u>													
NOVs Issued	1	-	-	1	-	-	-	-	-	-	-	-	-
NOEs Issued	1	-	-	1	-	2	-	-	-	-	1	1	-
Non-Compliant-FOG	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Compliance Issues	2	-	-	2	-	2	-	-	-	-	1	1	-
<u>Pollution Prevention</u>													
Clothes Washer Rebates	-	-	-	-	-	-	-	-	-	-	-	-	-
Toilet Retrofit Rebates	-	-	-	-	-	-	-	-	-	-	-	-	-
Pharmaceuticals Diverted (in lbs)	-	-	-	-	-	-	-	-	-	1,678	-	-	-

RECYCLED WATER DELIVERIES - MONTHLY

	Acres	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22
MONTHLY (MG)														
Water Sold														
Golf Courses	638.0	1.109	4.210	17.697	42.657	72.839	67.733	73.695	65.483	48.550	23.964	0.121	0.595	0.290
Cemeteries	57.1	0.489	0.548	0.864	4.079	4.307	4.895	5.192	5.328	5.215	3.730	1.100	1.013	1.424
Parks	18.5	-	0.007	-	0.682	1.486	1.230	0.760	0.897	0.637	0.653	-	0.015	0.010
Schools	12.6	0.006	-	0.097	1.544	2.390	2.428	1.969	2.301	1.729	1.189	0.006	0.001	0.104
Commerical	166.5	1.948	1.108	4.228	10.589	16.724	17.867	16.880	18.010	14.366	11.868	2.098	0.703	0.850
Vineyards	3,442.0	16.117	41.694	36.227	41.332	63.950	85.981	64.890	68.576	43.123	15.398	0.794	0.440	0.704
Trucked Water	175.0	0.134	0.238	1.460	3.543	4.223	8.283	6.619	7.321	7.336	3.153	0.166	0.060	0.126
Subtotal Sales	4,509.6	19.803	47.806	60.575	104.425	165.919	188.417	170.005	167.917	120.957	59.956	4.285	2.828	3.508
District Use														
Jameson	330.0	-	-	-	-	-	-	-	-	-	-	-	-	-
Somky	213.0	0.001	-	0.013	6.477	19.621	21.914	13.995	22.023	10.402	0.123	-	0.008	-
Fagundes/Airport	50.5	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal District	593.5	0.001	-	0.013	6.477	19.621	21.914	13.995	22.023	10.402	0.123	-	0.008	-
TOTAL DELIVERED	5,103.1	19.803	47.806	60.588	110.902	185.540	210.331	184.000	189.941	131.359	60.078	4.285	2.836	3.508
ANNUAL (AF)														
Water Sold														
Golf Courses	638.0	1,299	1,274	1,266	1,321	1,384	1,361	1,359	1,369	1,378	1,374	1,308	1,285	1,282
Cemeteries	57.1	119	119	112	114	116	115	115	116	119	118	114	113	116
Parks	18.5	18	18	18	20	24	24	21	21	20	20	20	20	20
Schools	12.6	49	48	46	49	50	50	47	46	45	45	42	42	42
Commerical	166.5	407	401	383	387	397	403	393	390	391	387	366	357	354
Vineyards	3,442.0	995	1,106	1,075	1,148	1,285	1,475	1,515	1,517	1,539	1,535	1,515	1,469	1,421
Trucked Water	175.0	68	69	72	79	81	97	111	122	136	139	136	131	131
Subtotal Sales	4,509.6	2,955	3,035	2,973	3,119	3,336	3,524	3,562	3,580	3,628	3,618	3,501	3,415	3,365
District Use														
Jameson	330.0	12	12	12	12	12	12	7	4	-	-	-	-	-
Somky	213.0	147	147	147	167	211	237	234	270	293	291	291	290	290
Fagundes/Airport	50.5	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal District	593.5	159	159	159	179	222	249	242	273	293	291	291	290	290
TOTAL DELIVERED	5,103.1	3,115	3,194	3,133	3,298	3,558	3,773	3,803	3,854	3,921	3,910	3,791	3,706	3,656

BIOSOLIDS HANDLING - MONTHLY

Site	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22
<u>Land Applied by NSD</u>													
Somky				119					212	90			
Fagundes													
Jameson Canyon					96	148	205	80	100				
Subtotal by NSD	-	-	-	119	96	148	205	80	312	90	-	-	-
<u>Land Applied by Contractor</u>													
Somky													
Fagundes													
Jameson Canyon													
Subtotal by Contractor	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Land Applied	-	-	-	119	96	148	205	80	312	90	-	-	-
Off Site (Contractor)													
Total (tons)	-	-	-	119	96	148	205	80	312	90	-	-	-

COLLECTION SYSTEM MAINTENANCE - MONTHLY

CATEGORY	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22
<u>Plugups</u>													
Total Calls	48	41	54	59	40	33	38	40	50	56	55	57	64
Business Hours	37	29	39	37	26	25	24	23	29	38	49	30	47
After Hours	11	12	15	22	14	8	14	17	21	18	6	27	17
District's	17	15	17	13	12	11	10	15	19	15	16	19	24
Property Owner's	31	26	34	45	28	20	28	25	31	41	39	38	39
Plugged Main Lines	-	-	3	1	-	2	-	1	-	-	-	4	1
Run Lateral w/Eel	73	69	62	47	74	112	133	128	120	131	81	83	85
<u>Cleaning (feet of sewer)</u>													
Vactor #1	40,675	29,419	48,016	40,653	53,152	33,236	50,928	8,225	74,620	57,574	35,402	43,786	28,281
Vactor #2	23,525	15,887	8,590	3,679	10,568	14,921	3,579	46,483	272	2,432	11,393	-	16,524
Hydro	-	-	166	-	-	-	-	-	-	-	-	-	-
Rodder	1,433	-	-	-	-	-	-	-	-	-	-	-	-
Total (feet)	65,633	45,306	56,772	44,331	63,720	48,156	54,507	54,708	74,892	60,006	46,795	43,786	44,804
<u>Cleaning Days</u>													
Vactor #1	16	13	19	17	16	16	16	4	21	20	15	20	13
Vactor #2	8	6	3	2	3	5	3	18	1	1	4	-	7
Hydro	-	-	1	-	-	-	-	-	-	-	-	-	-
Rodder	3	-	-	-	-	-	-	-	-	-	-	-	-
Feet/day	2,450	2,400	2,450	2,350	3,350	2,300	2,850	2,500	3,400	2,850	2,450	2,200	2,250
Vactor #1	2,550	2,250	2,550	2,400	3,300	2,100	3,200	2,050	3,550	2,900	2,350	2,200	2,200
Vactor #2	2,950	2,650	2,850	1,850	3,500	3,000	1,200	2,600	250	2,450	2,850	-	2,350
Hydro	-	-	150	-	-	-	-	-	-	-	-	-	-
Rodder	500	-	-	-	-	-	-	-	-	-	-	-	-
<u>Video Inspections</u>													
Mains (feet)	28,757	22,463	36,064	26,380	12,761	26,640	26,847	31,995	34,022	26,402	24,488	9,891	11,147
Laterals (each)	219	233	228	237	290	244	231	234	212	273	162	170	163
<u>Construction (each)</u>													
Cleanouts	11	7	8	13	5	3	3	4	9	3	9	10	13
Laterals	6	6	7	6	3	3	3	6	1	-	4	4	6
Mains	-	1	-	-	1	-	1	-	-	-	1	-	-
Manholes	-	1	1	-	-	-	-	1	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-	2	-
<u>USA Markings</u>													
Regular (w/in 2 days)	204	252	741	1,019	278	287	366	784	313	254	260	194	262
Emergency (w/in 2 hours)	10	13	19	22	17	14	7	13	29	5	13	11	10

WASTEWATER PLANT MAINTENANCE and LABORATORY DATA - MONTHLY

CATEGORY	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22
<u>Scheduled</u>													
Old	20	25	26	26	26	31	22	35	34	48	95	44	96
New	88	76	95	96	90	89	84	66	80	120	30	83	80
Completed	83	75	95	96	85	98	71	67	66	73	81	31	98
New Balance	25	26	26	26	31	22	35	34	48	95	44	96	78
<u>Unscheduled</u>													
Old	31	28	20	26	21	22	24	24	22	24	24	23	32
New	33	17	30	11	20	22	19	14	11	19	15	20	18
Completed	36	25	24	16	19	20	19	16	9	19	16	11	23
New Balance	28	20	26	21	22	24	24	22	24	24	23	32	27
<u>Total Work Orders</u>													
Old	51	53	46	52	47	53	103	59	56	72	119	67	128
New	121	93	125	107	110	111	90	80	91	139	45	103	98
Completed	119	100	119	112	104	118	59	83	75	90	97	42	121
New Balance	53	46	52	47	53	46	59	56	72	119	67	128	105
<u>LAB ANALYSES</u>													
Sample Type													
Regulatory	209	204	219	242	142	159	140	165	144	149	143	135	150
Process Control	986	918	968	1,010	783	871	829	826	795	772	812	958	889
Special Request	9	-	-	-	-	10	-	-	6	2	2	-	-
Quality Control/Assurance	929	878	962	968	674	506	520	551	535	641	938	729	681
TOTAL	2,133	2,000	2,149	2,220	1,599	1,546	1,489	1,542	1,480	1,564	1,895	1,822	1,720

**Summary of NSD Capital Project Status
through 01-31-2022**

Proj #	Description (shortened)	FY 21/22 Budget	FY 20/21 Carry Forwards	Adj.	Final FY 21/22 Budget	Encumbrance	Costs Paid to Date	Budget Remaining	% Budget Expended
<u>COLLECTION SYSTEM - PROJECTS</u>									
13701	Main Line Sewer Rehab	64,300	-		64,300	-	26,107	38,193	41%
13702	Manhole Raising/Rehab	356,300	-		356,300	33,200	2,744	320,356	1%
13703	Lateral Replacement/Rehab	117,800	-		117,800	-	17,509	100,291	15%
13704	Cleanouts Installation/Rehab	114,600	-		114,600	-	26,321	88,279	23%
13705	I&I Reduction Program	237,500	-		237,500	213,200	447	23,853	0%
14703	Browns Valley Rd & First St	7,000,000	2,141,900	(300,000)	8,841,900	1,854,973	3,673,199	3,313,729	42%
18702	Coll Sys Asset Mgmt Software	-	45,550	170,000	215,550	7	79,608	135,935	37%
19701	66-inch Trunk Rehab	-	4,770,000		4,770,000	589,976	3,663,071	516,953	77%
19703	Sewer System I&I 2020	-	1,911,400		1,911,400	-	362,329	1,549,071	19%
20701	Upper Lateral Rehab - Pilot #5	5,000	-		5,000	-	-	5,000	-
20702	Manhole Rehabilitation	258,800	-	(50,000)	208,800	95,970	1,223	111,607	1%
20703	2021 Collection System Rehab	2,785,800	1,007,200		3,793,000	707,481	2,237,210	848,309	59%
21701	2022 Collection System Rehab	4,394,600	14,950		4,409,550	150,560	42,295	4,216,695	1%
21718	NN Siphon Gate Rplcment	300,000	9,100		309,100	36,036	66,038	207,026	21%
22701	2023 Collection System Rehab	20,000	-		20,000	-	-	20,000	-
<u>COLLECTION SYSTEM - EQUIPMENT</u>									
22702	Locatable Mini Camera	12,700	-		12,700	-	12,518	182	99%
22703	Veh 183 - Ford F-550	73,100	-		73,100	-	-	73,100	-
22704	Veh 528 - Vacuum Truck	648,400	-		648,400	647,471	-	929	-
<u>COLLECTION SYSTEM - LIFT STATIONS</u>									
17711	West Napa PS - Rehab		4,383,400		4,383,400	1,359,982	1,578,782	1,444,636	36%
22705	River Park PS Improvements	75,000	-		75,000	-	-	75,000	-
<u>TREATMENT - PROJECTS</u>									
20706	WWTP Master Plan	629,800	578,500		1,208,300	655,122	394,229	158,949	33%
20707	Pond Levee Repair	900,000	127,500		1,027,500	126,451	594,568	306,481	58%
20708	2020 Treatment Plant Imprvmnts	800,000	1,197,900	(120,000)	1,877,900	272,135	582,462	1,023,302	31%
22706	2023 Treatment Plant Imprvmnts	150,000	-		150,000	-	-	150,000	-
<u>TREATMENT - EQUIPMENT</u>									
					-			-	-

**Summary of NSD Capital Project Status
through 01-31-2022**

Proj #	Description (shortened)	FY 21/22 Budget	FY 20/21 Carry Forwards	Adj.	Final FY 21/22 Budget	Encumbrance	Costs Paid to Date	Budget Remaining	% Budget Expended
15707	DAFT Overflow Pumps (2)	-	24,200		24,200	-	21,763	2,437	90%
18720	Neuros Blowers Rebuild	-	64,300		64,300	-	-	64,300	-
18722	FOG Station Water Heater	-	2,400		2,400	-	-	2,400	-
19708	Rotork Actuator Rplcmnt	-	50,700	(35,000)	15,700	-	8,079	7,621	51%
19710	12kV Redundant Line	-	43,000		43,000	-	-	43,000	-
20711	Marsh-to-Pond PS Upgrade	-	87,300		87,300	-	-	87,300	-
21704	Headworks - Washer Compactor	-	154,150		154,150	637	38,194	115,319	25%
21706	Rotork Actuator Replacement	-	94,550		94,550	-	-	94,550	-
21707	Digester Roof Grating Rplcmnt	-	110,900		110,900	-	35,506	75,394	32%
21709	Plant Door Replacement - Ph 2	-	15,000		15,000	-	-	15,000	-
22707	Belt Press Augers	60,000	-		60,000	-	-	60,000	-
22708	Pump Rebuild - CCB Svc Wtr #1	65,000	-		65,000	-	-	65,000	-
22709	Roof Rplcmnt - Filter Supp	68,900	-	20,000	88,900	-	76,030	12,870	86%
22710	Plant Door Rplcmnt Ph 3	23,800	-		23,800	-	-	23,800	-
	<u>LAB - EQUIPMENT</u>								
22711	Lab Refrigerator (2)	16,100	-		16,100	-	-	16,100	-
22712	Lab BOD Incubator	9,300	-		9,300	-	-	9,300	-
22713	Lab Sampler 5800 Replacement	15,500	-		15,500	-	-	15,500	-
22714	Lab FIA Unit	50,000	-		50,000	-	-	50,000	-
22715	Lab IC Unit	70,000	-		70,000	2,527	54,556	12,916	78%
	<u>SCADA</u>								
18729	SCADA MP Proj 1 Ntwk Mntrng	-	46,200		46,200	-	-	46,200	-
19718	SCADA MP PH 5 Security Stdy	-	51,850		51,850	-	-	51,850	-
21713	SCADA Network Upgrades	125,000	225,000		350,000	76,440	-	273,560	-
21714	Alarm Evaluation & Programming	125,000	25,000		150,000	-	-	150,000	-
	<u>RECYCLING - PROJECTS</u>								
13727	North Bay Water Reuse Proj	150,000	-		150,000	-	10,000	140,000	7%
18731	Coombsville Truck Fill Station	-	26,600		26,600	-	1,374	25,226	5%
22716	SWRF Truck Fill Elec Disp Unit	20,000	-	15,000	35,000	14,496	11,178	9,325	32%
22719	2021 MST RW Meters	-	-	300,000	300,000	5,000	168,422	126,578	56%

**Summary of NSD Capital Project Status
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	<u>RECYCLING - EQUIPMENT</u>								
19722	Veh 720/723 Attchmnts/Implmnts	-	24,850		24,850	-	-	24,850	-
21715	Soscol Recycle Pump #2 Rehab	-	160,700		160,700	-	121,982	38,718	76%
21716	Veh 174 - Ford F-350 SB	-	74,200		74,200	-	58,692	15,508	79%
21717	Veh 723 - Water Trailer	-	30,250		30,250	-	1,716	28,534	6%
22717	Meter Reading Software Upgrade	20,000	-		20,000	3,960	-	16,040	-
	<u>OTHER</u>								
13729	Development Technical Support	361,000	-		361,000	-	141,930	219,070	39%
22718	WWTP Site Paving	5,000	-		5,000	-	-	5,000	-
		\$20,128,300	\$17,498,550	-	\$37,626,850	\$6,845,624	\$14,110,085	\$16,671,142	38%