

TO: BOARD OF DIRECTORS
 FROM: MARIO IGLESIAS
 GENERAL MANAGER
 DATE: March 6, 2020



**AGENDA ITEM
 F
 MARCH 11, 2020**

GENERAL MANAGER'S REPORT

ITEM

Standing report to your Honorable Board -- *Period covered by this report is February 23, 2020 through March 7, 2020.*

DISTRICT BUSINESS

Administrative

The District encourages residents to provide reports of any observed water waste. The District keeps an accounting of leak adjustments as a measure of non-revenue water lost to leaks as well as tracking late fee waivers. For the month of February 2020, the District approved 8 Late Fee Waivers totaling \$370 and no Leak Adjustments. The table below provides current month and cumulative data for 2020 on these measured Office Activities.

Office Activities

	Feb 20	Jan 20 - Feb 2020
Reports of Water Waste	0	0
Leak Adjustments	0	3
Leak Adjustment Amount	\$0	\$389
Late Fee Waivers	8	10
Late Fee Waiver Adjustment Amount	\$370	\$497

Water Resources

Table 1. Total Production Acre Feet (AF)

	Feb-20	Jul 19 - Feb 20
Groundwater Production	70.2	677.2
Supplemental Water Imported	<u>72.6</u>	<u>648.7</u>
Total Production	<u>142.8</u>	<u>1,325.9</u>

NCSD imported 72.6 AF of water over the 29 day period in February averaging 570 gallons per minute for an average total of 815,751 gallons per day. For fiscal year 2019-20 the District must import at least 800 AF of supplemental water to meet its contractual obligation with the City of Santa Maria. On average, the District must import an average of 67 AF per month. For the eight-month period, July 1, 2019 through February 29, 2020, a total of 536 AF would indicate the District was on target to meet its import water obligation. Compared to the 648.7 AF imported in this time period (July through February), the District has reached 121% of its import water obligation.

The District's total combined production, including groundwater production wells and supplemental water imported at the Joshua Road Pump Station, registered 142.8 AF for the month and 1,325.9 AF for the first eight months of FY 2020. Compared to 1,249.0 AF in FY 2019 for the same period, the current fiscal years production is a 4% increase year over year.

NCSD GW Reduction

Table 2 compares the District’s total water production for the month of February and the fiscal year to-date (July 2019 through February 2020) total against the same period for 2013 (pre-drought production). The Department of Water Resources (“DWR”) designated 2013 as the pre-drought production year. The pre-drought production data is included in the monthly water production report and compared to current usage, all of which is submitted by water purveyors statewide to DWR. There is no mandate by DWR at this time for the District to reach a particular conservation level. For February 2020, the community’s water conservation effort exceeded February 2019 by approximately 5% when compared to February 2013 consumption. The District’s year-to-date conservation effort reached approximately 22% for the fiscal year.

Table 2. FY 2020 Total Demand To-date Compared to 2013

	Feb-20	July – Feb 2020
Total Production (AF) for FY 2019-20	142.8	1,325.9
Total Production (AF) for 2013	<u>136.3</u>	<u>1,698.5</u>
Reduction (AF)	<u>(6.5)</u>	372.5
Percentage Reduction	<u>0.0%</u>	<u>21.9%</u>

The District’s purveyor customers, Golden State Water Company and Woodlands Mutual Water Company, each claim 16.66% (cumulatively 33.33%) of the imported water NCSD brings onto the basin through the NSWP. Of the 800 AF minimum imported water from the City of Santa Maria, 266.6 AF or 33.33 % of the imported water – whichever is greater – will be credited to these two purveyor customers. The credited amount must be added to the District’s groundwater pumping total every month to reflect the groundwater pumped by these customers in-lieu of taking imported water from the District. Table 3 below demonstrates the calculus for determining the District’s groundwater pumping reduction.

Table 3. NCSD GW Production (NCSD GW Well Production plus Purveyor Credit)

	Feb-20	Jul 19 - Feb 20
NCSD GW Well Production	70.2	677.2
Purveyor Customer Credit (33.3% of Import Water)	<u>24.2</u>	<u>216.1</u>
NCSD Total Calculated GW Production	94.4	893.4
Average GW Production for 2009-2013	<u>122.0</u>	<u>1,648.7</u>
NCSD Percentage of GW Reduction	46%	50%

Taking into consideration the above referenced purveyor customer credit, the District can claim a groundwater pumping reduction of 46% for the month of February compared to the 5-year average from 2009 to 2013 (NMMA-TG assigned comparator). There was no measurable rainfall in February 2020 and this may account for the increase water demand. For Fiscal Year 2020, the total groundwater pumping reduction for the District is 46%. At the current Stage IV level of NMMA’s Water Shortage Condition and Response Plan, the District is short of achieving its targeted groundwater pumping reduction level of 50% for the year. Early months in a fiscal year (July through October) are typically higher water use months and it is

not uncommon to balance out water use in the lower water use months of the fiscal year (November through March). However, Table 4 below projects that the District's groundwater reduction target does not reach the 50% groundwater reduction level for the year by 1%.

2020 Fiscal Year Groundwater Pumping Forecast

Table 4 projects the District's groundwater pumping reduction effectiveness for Fiscal Year 2020. The targeted groundwater pumping reduction as stated above is 50%. At current usage through in February 2020, and with using last year's production values for the remaining 4 months of the fiscal year inserted, the District is predicted to miss its pumping reduction goals by 1% for fiscal year 2020. This exercise demonstrates that there would be approximately 15.45 acft of ground water pumped in excess of the 50% target. Each year, water use trends slightly differ depending upon the weather – a major factor that drives consumer water demand. Table 4 is a forecasting tool used to help staff respond and adjust its actions to help reach the groundwater pumping reduction target.

Table 4. Projected Groundwater Pumping

	Year-to-Date		Target	Over/(Under)	AcFt
	Feb-20	Jul-Jun 2020			
NCSW GW Well Production	70.2	958.7			
Purveyor Customer Credit (33.3% of Import Water)	24.2	322.8			
NCSW Total Calculated GW Production	94.4	1,281.5	1,266.0	(15.45)	
Average GW Production for 2009-2013	122.0	2,533.3	2,533.3		
NCSW Percentage of GW Reduction	48%	49%	50.0%		

Table 5. FY 2019 v. FY 2020 Groundwater Pumping

	Feb-20	Jul 19-Feb 20	Feb-19	Jul 18-Feb 19
NCSW GW Well Production	70.2	677.2	16.7	598.6
Purveyor Customer Credit (33.3% of Import Water)	24.2	216.1	26.0	217.2
NCSW Total Calculated GW Production	94.4	893.4	42.7	815.8
Average GW Production for 2009-2013	122.0	1,648.7	122.0	1,648.7
NCSW Percentage of GW Reduction	23%	46%	65%	51%

Table 5 compares the previous year's groundwater pumping with the current year's groundwater pumping for the same period. The District's overall water demand is up considerably for the current year. The community may achieve the same level of groundwater pumping reduction year over year depending upon the weather. The data leaves open a possibility that, all things being equal, the District may not reach its groundwater pumping reduction target for the fiscal year.

Rainfall Gauge – (gathered from the following websites)

Note 1: SLO County Website

https://wr.slocountywater.org/site.php?site_id=3&site=935e7af7-0e94-4042-bc11-e02906d5ba44

Note 2: SLO County Website

https://wr.slocountywater.org/site.php?site_id=2&site=878bfdbf-5c40-4398-8226-418372e4039b

(Reported in inches)	Nipomo East (Dana Hills Reservoirs)	Nipomo South (Southland Plant)
February 2020 Total	0.0	0.0
July-2019 through January-2020 (Seasonal Total)	7.13	5.28
March 1, 2020 to March 6, 2020	0.0	0.0
Total Rainfall to date	7.13	5.28
Average Annual Year Rainfall	18.0 ¹	14.0 ²

Safety Program

Safety Meeting Scheduled for Friday, March 13, 2002.
 Subject: Corona Virus – Take Reasonable Precautions

Other Items and News of Interest

No Items to report.

Supplemental Water Capacity Accounting

Summary Since January 25, 2008

	Number of Equivalent Meters	AFY
Supplemental Water Available for Allocation	947	500
Supplemental Water Reserved (Will Serve Letter Issued)	-120	-63.4
Subtotal Net Supplemental Water Available for Allocation	827	436.6
Supplemental Water Assigned (Intent-to-Serve Issued)	-62.4	-32.4
Total Remaining Supplemental Water Available for Allocation	764.6	404.2

As of February 6, 2020

Connection Report

Nipomo Community Services District
 Water and Sewer Connections

END OF MONTH REPORT

	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20
Water Connections (Total)	4441	4444										
Sewer Connections (Total)	3208	3211										
New Water Connections	0	3										
New Sewer Connection	1	3										
Galaxy & PSHH at Orchard and Division Sewer Connections billed to the County	476	476										

The Connection Report is current through March 1, 2020.

Meetings (February 23, through March 7)

Meetings Attended (telephonically or in person):

- Feb 24, Contract Review – Executive Janitorial Services
- Feb 24, NCSD Budget Prep Meeting – Executive Team
- Feb 24, Rob Rossi – Developer Blacklake
- Feb 25, SLO County Board of Supervisors Meeting
- Feb 25, NCSD Eng/Admin Mtg.
- Feb 25, Assessment District Team Meeting
- Feb 26, Rotary
- Feb 26, Regular NCSD Board Meeting
- Feb 26, Exec. Team After-Board Meeting
- Feb 26, Rate Consultant - Tuckfield
- Feb 27, NMMA-TG Meeting
- Feb 27, Blacklake Comm. Outreach Meetings
- Mar 2, NCSD Management Team Meeting
- Mar 2, NCSD Board Officer Meeting
- Mar 3, Blacklake Resident
- Mar 4, Rotary
- Mar 4, Blacklake Assessment Distr. Team Meeting
- Mar 4, NCSD Fac\Water Resource Committee
- Mar 5, NCSD Finance and Audit Committee

Meetings Scheduled (March 8 through March 14):

Upcoming Meetings (telephonically or in person):

- Mar 9, waterTalent Candidate Interview
- Mar 9, NCSD/SCSS Meeting
- Mar 10, Engineering/Adm Coordination Mtg.
- Mar 11, Rotary
- Mar 11, Regular NCSD Board Meeting
- Mar 11, Exec. Team After-Board Meeting
- Mar 13, NCSD Team Safety Meeting
- Mar 13, Internal Review – SB Co. Flood Control Agreement

Upcoming Water Resource and Other Meetings

Upcoming Standing Meetings:

- NMMA-TG: March 18th (Wednesday) @ 10:00 AM, NCSD Board Room
- RWMG: No Meeting Scheduled
- WRAC: March 25th @ 1:30 PM, SLO County Library
- NMMA Purveyor Meeting: March 19th @ 10:00 AM, NCSD Conf. Rm.
- NCSD Board Officer Meeting: March 16th @2:00 PM, NCSD Conf. Rm.

RECOMMENDATION

Staff seeks direction and input from your Honorable Board

ATTACHMENTS

None