


TO: BOARD OF DIRECTORS  
 FROM: MARIO IGLESIAS  
 GENERAL MANAGER   
 DATE: February 21, 2020

**AGENDA ITEM  
 F  
 FEBRUARY 26, 2020**

**GENERAL MANAGER'S REPORT**

**ITEM**

Standing report to your Honorable Board -- *Period covered by this report is February 9, 2020 through February 22, 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 Calendar Year 2019, the District approved 82 Late Fee Waivers totaling \$3,418 and 22 Leak Adjustments totaling \$6,449. The table below provides January 2020 data for all Office Activities.

**Office Activities**

	Jan 20	Jan 20 - Jan 2020
Reports of Water Waste	0	0
Leak Adjustments	3	3
Leak Adjustment Amount	\$389	\$389
Late Fee Waivers	2	2
Late Fee Waiver Adjustment Amount	\$127	\$127

**Water Resources**

**Table 1. Total Production Acre Feet (AF)**

	Jan-20	Jul 19 - Jan 20
Groundwater Production	31.1	607.0
Supplemental Water Imported	<u>78.1</u>	<u>576.1</u>
Total Production	<u>109.2</u>	<u>1,183.1</u>

NCSD imported 78.1 AF of water over the 31 day period in January averaging 570 gallons per minute for an average total of 820,934 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 seven month period, July 1, 2019 through January 31, 2019, a total of 469 AF would indicate the District was positioned to meet its import water obligation. Compared to the 576 AF imported in this time period (July through January), the District has reached 123% 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 109.2 AF for the month and 1,183.1 AF for the first seven months of FY 2020 compared to 1,161.7 AF in FY 2019 for the same period – a 2% increase year over year.

**NCSD GW Reduction**

Table 2 compares the District’s total water production for the month of January and the fiscal year to-date (July 2019 through January 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 mandated by DWR at this time for the District to reach a particular conservation level. For January 2020, the community’s water conservation effort reached approximately 12% when compared to December 2013 consumption. The District’s year-to-date conservation effort reached 24% for the fiscal year.

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

	Jan-20	July – Jan 2020
Total Production (AF) for FY 2019-20	109.2	1,183.1
Total Production (AF) for 2013	<u>124.0</u>	<u>1,562.2</u>
Reduction (AF)	<u>14.8</u>	<u>379.1</u>
Percentage Reduction	<u>12.0%</u>	<u>24.3%</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 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)**

	Jan-20	Jul 19 - Jan 20
NCSD GW Well Production	31.1	607.0
Purveyor Customer Credit (33.3% of Import Water)	<u>26.0</u>	<u>191.9</u>
NCSD Total Calculated GW Production	57.1	798.9
Average GW Production for 2009-2013	<u>142.1</u>	<u>1,526.7</u>
NCSD Percentage of GW Reduction	60%	48%

Taking into consideration the above referenced purveyor customer credit, the District can claim a groundwater pumping reduction of 60% for the month of January compared to the 5-year average from 2009 to 2013 (NMMA-TG assigned comparator). For Fiscal Year 2020, the total groundwater pumping reduction for the District is 48%. 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. However, early fiscal year months are typically higher water use months and it is not uncommon to balance out water use in the second half of the fiscal year. Table 4 below projects that the District’s groundwater reduction target level of 50% is still achievable.

### 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 January 2020, and with the last year's production values for the remaining 5 months inserted, the District is on-track to reach its pumping reduction goals for the fiscal year. This exercise demonstrates that there would be 7.17 acft of water 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.

**Table 4. Projected Groundwater Pumping**

	Year-to-Date		Target	Over/(Under)	AcFt
	Jan-20	Jul-Jun 2020			
NCSD GW Well Production	31.1	905.2			
Purveyor Customer Credit (33.3% of Import Water)	26.0	322.1			
NCSD Total Calculated GW Production	71.7	1,273.2	1,266.0	(7.17)	
Average GW Production for 2009-2013	142.1	2,533.3	2,533.3		
NCSD Percentage of GW Reduction	60%	50%	50.0%		

**Table 5. FY 2019 v. FY 2020 Groundwater Pumping**

	Jan-20	Jul 19-Jan 20	Jan-19	Jul 18-Jan 19
NCSD GW Well Production	31.1	607.0	27.0	581.9
Purveyor Customer Credit (33.3% of Import Water)	26.0	191.9	26.0	167.6
NCSD Total Calculated GW Production	57.2	798.9	53.0	749.5
Average GW Production for 2009-2013	142.1	1,526.7	142.1	1,526.7
NCSD Percentage of GW Reduction	60%	48%	63%	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 slightly for the current year. However, the community is close to achieving the same level of groundwater pumping reduction year over year. This indicator supports staff's conclusion that, all things being equal, the District will reach its groundwater pumping reduction target for the fiscal year.

### Rainfall Gauge

(Reported in inches)	Nipomo East (Dana Hills Reservoirs)	Nipomo South (Southland Plant)
January 2020 Total	0.91	0.36
July-2019 through January-2020 (Seasonal Total)	7.13	5.28
Feb. 1, 2020 to Feb 21, 2020	0.0	0.0
Total Rainfall to date	7.13	5.28
Average Annual Year Rainfall	18.0 <sup>1</sup>	14.0 <sup>2</sup>

Note 1: SLO County Website

[https://wr.slocountywater.org/site.php?site\\_id=3&site=935e7af7-0e94-4042-bc11-e02906d5ba44](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](https://wr.slocountywater.org/site.php?site_id=2&site=878bfdbf-5c40-4398-8226-418372e4039b)

**Safety Program**

No items to report.

**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
<b>Total Remaining Supplemental Water Available for Allocation</b>		<b>764.6</b>	<b>404.2</b>

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											
Sewer Connections (Total)	3208											
New Water Connections	0											
New Sewer Connection	1											
Galaxy & PSHH at Orchard and Division Sewer Connections billed to the County	476											

The Connection Report is current through February 1, 2020.

**Meetings (January 19, through February 8)**

*Meetings Attended (telephonically or in person):*

- Feb 11, NCSD Assessment District Team Mtg.
- Feb 11, NCSD Eng/Admin Mtg.
- Feb 12, Rotary
- Feb 12, Regular NCSD Board Meeting
- Feb 12, Exec. Team After-Board Meeting
- Feb 13, MKN Eng – ADU Report
- Feb 13, NMMA Manager’s Meeting
- Feb 13, Blacklake Assessment Distr. Dan Hall
- Feb 14, ADU Report – Director Eby
- Feb 14, Developer Mtg.- The Parks
- Feb 17, President’s Day Holiday
- Feb 18, NCSD Management Team

- Feb 18, NCSD Board Officer Mtg.
- Feb 19, Rotary
- Feb 20, Sedaru Asset Mngt. Mtg.

**Meetings Scheduled (February 9 through February 15):**

*Upcoming Meetings (telephonically or in person):*

- Feb 24, NCSD Management Team – Budget Prep
- Feb 24, Developer Mtg. – R. Rossi
- Feb 25, SLO County Board of Supervisors – Blacklake Consent
- Feb 25, RWMG Meeting– Cnty
- Feb 25, Eng/Adm Coordination Mtg.
- Feb 25, Blacklake Assessment Team Mtg.
- Feb 26, Rotary
- Feb 26, Regular NCSD Board Meeting
- Feb 26, Exec. Team After-Board Meeting
- Feb 27, NMMA-TG Meeting
- Feb 27, Blacklake Community Town Hall
- Feb 28, Temp. Water Talent Agent – Cust. Service Specialist

**Upcoming Water Resource and Other Meetings**

*Upcoming Standing Meetings:*

- NMMA-TG: February 27<sup>th</sup> (Thursday) @ 10:00 AM, NCSD Board Room
- RWMG: March 4<sup>th</sup> @ 10:00 AM, SLO County Library
- WRAC: March 4<sup>th</sup> @ 1:30 PM, SLO County Library
- NMMA Purveyor Meeting: March 19<sup>th</sup> @ 10:00 AM, NCSD Conf. Rm.
- NCSD Board Officer Meeting: March 2<sup>nd</sup> @2:00 PM, NCSD Conf. Rm.

**RECOMMENDATION**

Staff seeks direction and input from your Honorable Board

**ATTACHMENTS**

None

**END OF PACKET**