


TO: BOARD OF DIRECTORS  
 FROM: MARIO IGLESIAS  
 GENERAL MANAGER   
 DATE: JANUARY 7, 2020

**AGENDA ITEM  
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 JANUARY 8, 2020**

**GENERAL MANAGER'S REPORT**

**ITEM**

Standing report to your Honorable Board -- *Period covered by this report is December 15, 2019 through January 4, 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. The table below provides December data of these items.

**Office Activities**

	Dec-19	July 19 - Dec 2019
Reports of Water Waste	0	0
Leak Adjustments	2	12
Leak Adjustment Amount	\$574	\$3,131
Late Fee Waivers	12	65
Late Fee Waiver Adjustment Amount	\$490	\$2,904

**Water Resources**

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

	Dec-19	Jul 19 - Dec 19
Groundwater Production	27.2	575.9
Supplemental Water Imported	78.1	498.0
Total Production	105.4	1,073.9

NCSD imported 78.1 AF of water over the 31 day period in December 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 six month period, July 1, 2019 through December 31, 2019, a total of 407 AF would indicate the District was positioned to meet its import water obligation. Compared to the 498 AF imported in this time period (July through December), the District has reached 122% 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 105.4 AF for the month and 1,073.9 AF for the first six months of FY 2020 compared to 1,056.7 AF in FY 2019 for the same period.

**NCSD GW Reduction**

Table 2 compares the District's total water production for the month of December and the fiscal year to-date (July 2019 through December 2019) 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 December 2019, the community's water conservation effort reached approximately 41% when compared to December 2013 consumption. The District's year-to-date conservation effort reached 25% for the fiscal year.

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

	Dec-19	July – Dec 2019
Total Production (AF) for FY 2019-20	105.4	1,073.9
Total Production (AF) for 2013	<u>178.5</u>	<u>1,438.1</u>
Reduction (AF)	<u>73.1</u>	<u>364.2</u>
Percentage Reduction	<u>41.0%</u>	<u>25.3%</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)**

	Dec-19	Jul 19 - Dec 19
NCSD GW Well Production	27.2	575.9
Purveyor Customer Credit (33.3% of Import Water)	<u>26.0</u>	<u>169.9</u>
NCSD Total Calculated GW Production	53.2	741.8
Average GW Production for 2009-2013	<u>141.4</u>	<u>1,384.6</u>
NCSD Percentage of GW Reduction	62%	46%

Taking into consideration the above referenced purveyor customer credit, the District can claim a groundwater pumping reduction of 62% for the month of December 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 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. However, early fiscal year months are typically higher water use months and it is not uncommon to balance out water use in 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 December 2019, and with the last year's production values for the remaining 6 months inserted, the District is on-track to reach its pumping reduction goals for the fiscal year. This exercise demonstrates that there would be 8.39 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)
	Dec-19	Jul-Jun 2020		
NCSD GW Well Production	27.2	901.0		
Purveyor Customer Credit (33.3% of Import Water)	<u>27.3</u>	<u>323.3</u>		
NCSD Total Calculated GW Production	54.5	1,274.4	1,266.0	(8.39) AcFt
Average GW Production for 2009-2013	<u>141.4</u>	<u>2,533.3</u>	<u>2,533.3</u>	
NCSD Percentage of GW Reduction	61%	50%	50.0%	

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

	Dec-19	Jul 19-Dec 19	Dec-18	Jul 18-Dec 18
NCSD GW Well Production	27.2	575.9	29.6	554.9
Purveyor Customer Credit (33.3% of Import Water)	<u>26.0</u>	<u>165.9</u>	<u>27.3</u>	<u>167.6</u>
NCSD Total Calculated GW Production	53.3	741.8	56.8	722.5
Average GW Production for 2009-2013	<u>141.4</u>	<u>1,384.6</u>	<u>141.4</u>	<u>1,384.6</u>
NCSD Percentage of GW Reduction	62%	46%	60%	48%

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)
December 2019 Total	3.91	4.92
July-2019 through December-2019 (Seasonal Total)	6.22	4.92
Jan. 1, 2020 to Jan. 5, 2020	<u>0.00</u>	<u>0.00</u>
Total Rainfall to date	6.22	4.92
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
<b>Supplemental Water Available for Allocation</b>	947	500
<b>Supplemental Water Reserved (Will Serve Letter Issued)</b>	-120	-63.4
<b>Subtotal Net Supplemental Water Available for Allocation</b>	<b>827</b>	<b>436.6</b>
<b>Supplemental Water Assigned (Intent-to-Serve Issued)</b>	-62.4	-32.9
<b>Total Remaining Supplemental Water Available for Allocation</b>	<b>764.6</b>	<b>403.7</b>

As of December 3, 2019

**Connection Report**

Nipomo Community Services District  
Water and Sewer Connections

END OF MONTH REPORT

	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19
Water Connections (Total)	4434	4434	4437	4437	4437	4437	4438	4438	4440	4441	4441	4441
Sewer Connections (Total)	3197	3197	3199	3199	3200	3201	3206	3206	3207	3208	3208	3208
New Water Connections	0	0	3	0	0	0	1	0	2	1	0	0
New Sewer Connection	0	0	2	0	1	1	5	0	1	1	0	0
Galaxy & PSHH at Orchard and Division Sewer Connections billed to the County	475	475	475	475	475	475	475	475	475	475	475	476

The Connection Report is current through January 1, 2020.

**Meetings (December 8, through January 4)**

Meetings Attended (telephonically or in person):

- Dec 10, MKN Engineers – ADU Study
- Dec 10, General Counsel – C. Steele Updates
- Dec 11, Rotary
- Dec 11, Regular NCSD Board Meeting
- Dec 11, Exec. Team After-Board Meeting
- Dec 12, Customer Meter Site Meeting

- Dec 12, NMMA-TG Meeting
- Dec 12, Blacklake Assess. Eng. Report Review
- Dec 13, NCSD Quarterly Safety Meeting
- Dec 18, Rotary
- Dec 18, Customer Pressure Review – Alyssum Cir
- Dec 18, Blacklake Assess. Distr. Team Meeting
- Dec 18, CSDA Local Manager's Meeting
- Dec 19, LAFCO Office
- Dec 20, NCSD Management Team
- Dec 23, Holiday/Vacation

**Meetings Scheduled (January 5 through January 11):**

*Upcoming Meetings (telephonically or in person):*

- Jan 7, Eng/Admin
- Jan 7, BLMA Meeting
- Jan 8, Rotary
- Jan 8, Regular NCSD Board Meeting
- Jan 8, Exec. Team After-Board Meeting

**Upcoming Water Resource and Other Meetings**

*Upcoming Standing Meetings:*

- NMMA-TG: January 23<sup>rd</sup> (Thursday) @ 10:00 AM, NCSD Board Room
- RWMG: Unscheduled
- WRAC: February 6<sup>th</sup> @ 1:30 PM, SLO City Council Chambers
- NMMA Purveyor Meeting: January 16<sup>th</sup> @ 10:00 AM, NCSD Conf. Rm.
- NCSD Board Officer Meeting: January 13<sup>th</sup> @2:00 PM, NCSD Conf. Rm.

**RECOMMENDATION**

Staff seeks direction and input from your Honorable Board

**ATTACHMENTS**

None