


TO: BOARD OF DIRECTORS
 FROM: MARIO IGLESIAS
 GENERAL MANAGER 
 DATE: April 21, 2023

**AGENDA ITEM
 F
 APRIL 26, 2023**

GENERAL MANAGER'S REPORT

ITEM

Standing report to your Honorable Board -- *Period covered by this report is April 9, 2023 through April 22, 2023.*

DISTRICT BUSINESS

Administrative

The District encourages residents to provide reports of any observed water waste. The District also 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 March data, the most recent data available.

OFFICE ACTIVITIES

	Mar 23	Jan 23 - Mar 23
Reports of Water Waste	0	0
Leak Adjustments	3	6
Leak Adjustment Amount	\$643	\$1,030
Late Fee Waivers	18	46
Late Fee Waiver Adjustment Amount	\$1,580	\$4,564

Water Resources

For the first nine months of the 2022-23 Fiscal Year, the District's total combined production, including groundwater production wells and supplemental water imported through the Joshua Road Pump Station, registered 1,256 AF. As has been the trend of late, imported water through the Joshua Road Pump Station was greater than the groundwater production. This trend will continue through the year as the District strives to maintain the 50% groundwater reduction goal and the District's contract take amount of 1,000 AFY minimum.

Table 1. Total Production Acre Feet (AF)

	Mar - 23	Jul 22 - Mar 23
Groundwater Production	13.1	424.6
Supplemental Water Imported	<u>80.1</u>	<u>831.6</u>
Total Production	93.2	1,256.2

NCSD GW Reduction

The District's purveyor customers, Golden State Water Company and Woodlands Mutual Water Company, each are responsible for 16.66% (cumulatively 33.33%) of the imported water NCSD brings onto the basin through the NSWP. Of the 1,000 AF minimum imported water from the City of Santa Maria, 333 AF or 33.33% of the total 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 2 captures this data.

	Mar - 23	Jul 21 – Mar 23
NCSD GW Well Production	13.1	424.6
Purveyor Customer Credit (33.3% of Import Water)	26.7	277.1
NCSD Total Calculated GW Production	39.8	701.7
Average GW Production for 2009-2013	160.4	1,809.1
NCSD Percentage of GW Reduction	75.2%	61.2%

2022 Fiscal Year Groundwater Pumping Forecast

Table 3 projects the District’s groundwater pumping reduction for the 2022-23 Fiscal Year. Under the current Stage 4 of the NMMA Water Shortage Response Stages, the District’s targeted groundwater pumping reduction goal is to pump no more than 1,266 AFY (50% of 2009-2013 average District GW Pumping). The nine months of fiscal year 2022-23 actual – July through March – are combined with historic production from April 2022 through June 2022 to provide a projected estimate year end status.

Table 3. Projected Groundwater Pumping

	Year-to-Date		Target	Over/(Under)	AcFt
	Mar-22	Jul-Jun 2023			
NCSD GW Well Production	13.1	663.0			
Purveyor Customer Credit (33.3% of Import Water)	26.7	373.6			
NCSD Total Calculated GW Production	39.8	1,036.6	1,266.7	230	
Average GW Production for 2009-2013	160.4	2,533.4	2,533.4		
NCSD Percentage of GW Reduction	75.2%	59.1%	50.0%		

As demonstrated in Table 3 above, the District will achieved its 50% groundwater pumping reduction target by 230 AcFt under the conditions stated in the previous paragraph.

Below, Table 4 compares groundwater pumping for the same periods in 2023 and 2022.

Table 4. FY 2023 vs. FY 2022 Groundwater Pumping

	Mar-23	Jul 22 - Mar 23	Mar-22	Jul 21 - Mar 22
NCSD GW Well Production	13.1	424.6	67.6	639.7
Purveyor Customer Credit (33.3% of Import Water)	26.7	277.1	30.5	270.1
NCSD Total Calculated GW Production	39.8	701.7	98.1	909.8
Average GW Production for 2009-2013	160.4	1,809.1	160.4	1,809.1
NCSD Percentage of GW Reduction	75.2%	61.2%	38.8%	49.7%

Table 4 view of the data provides operations personnel with insight into year-end water production values and assists in their efforts to balance import and groundwater production with the purpose of reducing groundwater pumping to meet the self-imposed 50% pumping groundwater reduction – the current stage IV objective.

Rainfall Gauge

Since January, the rainy season has produced record rainfall. This accounts for the District's ability to reduce its groundwater pumping to the extent demonstrated in the comparison table, Table 4. Below is the most recent and available rain data.

(Reported in inches)	Nipomo East (Dana Hills Reservoirs)	Nipomo South (Southland Plant)
Mar. 2023 Total	10.68	6.02
July-2022 through Mar-2023 (Season Total)	37.15	26.01
Apr 1, through Apr 21, 2023	0.01	0.01
Total Rainfall to date	37.16	26.02
County Reported Avg. Ann. Year Rainfall ¹	18.00	14.00
2006 - 2020 Avg. Ann. Year Rainfall ¹	15.39	13.30
2006 - 2020 Median Ann. Rainfall ¹	12.64	11.30

Note:

1. Data from County website

Connection Report

Nipomo Community Services District
Water and Sewer Connections

END OF MONTH REPORT

	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23
Water Connections (Total)	4506	4508	4508									
Sewer Town connections (1)	2738	2739	2739									
Sewer Blacklake connections	559	559	559									
Subtotal	3297	3298	3298	0	0	0	0	0	0	0	0	0
Galaxy and PSSH at Orchard and Division Sewer connections billed to the County	484	484	484									
Sewer Connections (Total)	3781	3782	3782	0	0	0	0	0	0	0	0	0
New Water Connections	0	2	0	0	0	0	0	0	0	0	0	0
New Sewer Connection	0	1	0	0	0	0	0	0	0	0	0	0
New Sewer Connection-Galaxy and PSH	0	0	0	0	0	0	0	0	0	0	0	0

The Connection Report as of April 4, 2023

Safety Program

No Reportable Safety Issues

Other Items

- Dana Reserve – Schedule [Attachment A] (no change)
- County DESAL Committee Meetings [Attachment B] (Updated)

Supplemental Water Capacity Accounting
Summary Since January 25, 2008

	Number of Equivalent Meters	AFY
Supplemental Water Available for Allocation	947	500.0
Supplemental Water Reserved (Will Serve Letter Issued)	149	-78.1
Subtotal Net Supplemental Water Available for Allocation	798	421.9
Supplemental Water Assigned (Intent-to-Serve Issued)	185.6	-98.0
Total Remaining Supplemental Water Available for Allocation	612	323.9

Updated April 19, 2023

Meetings (April 9 through April 22)

Meetings Attended (telephonically or in person):

- Apr 10, Staff Mtg. - Admin Supervisor Mtg.
- Apr 11, IWMA Task Force Meeting
- Apr 11, NCSD Eng/Admin Weekly Meeting
- Apr 12, Rotary
- Apr 12, NCSD Regular Board Meeting
- Apr 12, After-Board Exec. Team Meeting
- Apr 13, Customer Complaint – Summit Station
- Apr 14, Staff Mtg. - Cust. Service Specialist
- Apr 14, Clever Ducks
- Apr 14, Mellow Pump – Summit Station Complaint
- Apr 17, Staff Mtg. - Admin Supervisor Mtg.
- Apr 17, NCSD Management Team Meeting
- Apr 17, RWG Harassment Prevention Training (Session 1)
- Apr 18, RWG Harassment Prevention Training (Session 2)
- Apr 18, NCSD Board Officer Meeting
- Apr 19, Bob Murray – GM Recruiter
- Apr 19, GIS – PWA Planning Meeting
- Apr 19, NCSD Finance and Audit Comm. Meeting
- Apr 20, NMMA-TG Meeting
- Apr 20, Clever Ducks – Meeting Invitation Issue
- Apr 21, Staff Mtg. - Cust. Service Specialist
- Apr 21, CSDA Quarterly Meeting

Meetings Scheduled (April 23 through April 29):

Upcoming Meetings (telephonically or in person):

- Apr 24, Staff Mtg. - Admin Supervisor Mtg.
- Apr 24, NMMA-TG Manager's Meeting

- Apr 24, CWAT – DESAL Meeting
- Apr 24, SCAC Meeting
- Apr 25, NCSD Eng./Admin Coordination Meeting
- Apr 25, CWAT – DESAL Meeting
- Apr 26, Rotary
- Apr 26, NCSD Regular Board Meeting
- Apr 26, After-Board Exec. Team Meeting
- Apr 27, Supervisor Paulding – SWP Update
- Apr 28, Staff Mtg. - Cust. Service Specialist
- Apr 28, Clever Ducks – Email Migration

Upcoming Water Resource and Other Meetings

Upcoming Standing Meetings:

- NMMA-TG: April 20th (Thursday) @ 10:00 AM, Zoom Meeting
- RWMG: No Meeting Scheduled for November
- WRAC: May 3rd (Wednesday) @ 1:30 pm, County Library
- NMMA Manager's Meeting: April 24th (Thursday) @ 10:00 AM, Zoom Meeting
- NCSD Board Officer Meeting: May 2nd (Tuesday) @ 3:30 pm, NCSD Board Rm
- BLMA: May 2nd (Tuesday) 2:00 pm, BL Community Center

RECOMMENDATION

Staff seeks direction and input from your Board

ATTACHMENTS

- A. Dana Reserve Schedule (No Change)
- B. Desal Meeting Schedule (Updated)

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ATTACHMENT A

DANA RESERVE REVIEW SCHEDULE (AS OF 4/26/2023)

Status Update: Added Planning Commission & Board of Sups. Meeting month estimates for 2023

Date	Description	Comment
April 24, 2022	NCSD Review "Utility" Section of EIR	
June 16, 2022	Release of EIR	Extended from May 16, 2022
July 14, 2022	SLO County Planning Comm. Study Session	Zoom Meeting
July 21, 2022	LAFCO Study Session	County Lead Agency (9:00 am)
Aug. 1, 2022 ¹	Close Public Comment - DEIR	Was June 20, 2022 (Mario on Vaca)
Sept. 2022	Consider Ad-hoc Comm. (Annexation Agr.)	Establish January 2023
Nov. 17, 2022	NOTICE OF PETITION OF APPLICATION FOR ANNEXATION #30 DANA RESERVE ¹	60 Day Letter
Jan. 9, 2023	Ad-hoc Com. – Response to Notice of Petition	Prepare for Jan. 11 th Board Mtg.
August 31, 2023	County Planning Commission	Two days (8/31 & 9/1)
October 2023	County Board of Supervisors	Accept EIR
Q-1 2023	LAFCO Inquiry of NCSD (Service Provisions) ²	
November 2023	NCSD Board	Annexation Application
December 2023	LAFCO Review & Approval	After Tax Sharing Agreement

The above schedule is suggested and drawn from conversations with staff from the County, LAFCO, and the Developer. This schedule is a rough outline and is subject to change over time.

Notes:

1. NCSD Staff will provided a staff report at the January 11th Board Meeting that provided the Board of Directors with more information and possible actions.
2. Developer shifted to an annexation process that focuses first on LAFCO application and second the District's application process. Under this format, LAFCO will be the agency that coordinates communication between the Developer and NCSD.
Developer mailed letter September 20, 2022 to residents in Nipomo directing their attention to District website and the three reports addressing utilities – focus on explaining water situation.

RWG submitted comments on the Dana Reserve Specific Plan DEIR, August 1, 2022, to the County of San Luis Obispo supervision planner, Jennifer Guetschow.

Phasing Plan Schedule – Defines the fee schedule for the development. (May slip do to key NCSD staff shortage)

Administrative Draft Final Report	Monday, April 3, 2023
District Comments on Admin Draft Final Report	Friday, April 14, 2023
Draft Final Report	Friday, May 5, 2023
District Board Presentation	Wednesday, May 24, 2023
Final Report	Friday, June 9, 2023

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ATTACHMENT B

Update: April 19, 2023

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County Water Action Team (CWAT)

County DESAL Meetings

Date	Speaker	Item/Issue/discipline	Company
1/10/2023	Dmitry Semenov	Financing Projects	Ridgeline Municipal Strategies, LLC
1/12/2023	Eric Miller	Fisheries Biologist	Miller Marin Science Consultants
1/17/2023	Did Not Attend		
1/19/2023	Tim Hogan	Biologist	TWB Environmental Research Consulting
2/6/2023	Rob Morrow	Engineering/Planning Team	WSC Inc. (Local Group)
2/7/2023	Did Not Attend		
2/7/2023	Lydia	Planning and Feasibility	Carollo Engineering
2/9/2023	Larry Kraemer	Engineering Firm	Cannon Eng.
2/9/2023	Daniel Heimel	Program Management/Engineering Services	Confluence Engineering Solutions
4/4/2023	Floyd Wicks	Sea-Well Buoy – Another solution	Seawell LLC
4/5/2023	Michael Wasgatt	Wind powered DESAL – Ocean Mounted	Offshore Wind Power Systems of Texas, Inc.
4/6/2023	Mr. Yamada		
4/24/2023	Neal Aronson	Oceanus Power and Water	is an infrastructure development company
4/25/2023	Antoine Vuillermet	Waterise (subsea tech)	subsea technology combined with membrane desalination

1. **DESAL Plan participation:** The following agencies have adopted resolutions or submitted letters agreeing to participate: the Cities of San Luis Obispo, Arroyo Grande, Morro Bay, Paso Robles, the Community Services Districts of Avila Beach, Cambria, Los Osos, Nipomo, San Miguel, Templeton, Oceano and other water purveyors, such as Atascadero Mutual, Golden State, San Miguelito and Santa Barbara County
 - a. Grover is targeting next week for consideration

2. **DESAL Plan scope / grant:** We submitted an application (attached) to USBR and anticipate hearing about awards no later than June. To fit the timing required for USBR's grant (project must be completed w/in 24 months), Phase 2 was broken into Phase 2a and Phase 2b (snippet of 5 phases below)
 - a. **Phase 2a (proposed grant scope)**
 - i. Will be completed within 24 months and, if awarded grant, will cost District \$550K and USBR \$550K for total \$1.2M project
 - ii. Will include public engagement, identifying/vetting/analyzing project concept alternatives
 - iii. Outcome will be "short-list" of potential projects to further pursue and scope/schedule/budget to do so in Phase 2b
 - b. **Phase 2b (not proposed in grant scope)**

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- i. Will include more detailed analysis/studies of projects on “short-list”
- ii. Outcome will be selection of single preferred project to move forward to Phase 3

3. Desal planning meetings:

- a. CWAT meetings (TBD) – we’ll be reaching out for your availability soon to schedule the next CWAT meeting and round of working group / consultant meetings
 - the request for your availability may come from Jenny Williamson in our office – please respond at your earliest convenience so we can continue coordination with the consultants’ availabilities, etc.
- b. Board of Supervisors (April) – The grant application requires the District to adopt a resolution within 60 days of submitting the grant application. We plan to go to our Board on April 18 with the required resolution, along with an update on the scope and request for direction to return with a consultant contract

4. Misc. desal info just fyi

- c. Glenn Farrel (CalDesal Executive Director) sent over the CalDesal Regulatory Committee Meeting Agenda Packet; it includes a brief write-up on Innovations in Desalination and newly-introduced legislation relevant to desal projects
- d. Paul Herman (GHD contact) sent over the International Weekly Desal Report; it includes a brief write-up on the CalDesal conference (key note: the SWRCB representative said the State’s desal siting guidelines anticipated this summer will be out for public comment in April!)