



Westlands Water District

MEMORANDUM

TO: SLDMWA BOARD OF DIRECTORS
FROM: TOM BOARDMAN, WATER RESOURCES ENGINEER
SUBJECT: OCTOBER OPERATIONS UPDATE
DATE: SEPTEMBER 30, 2022

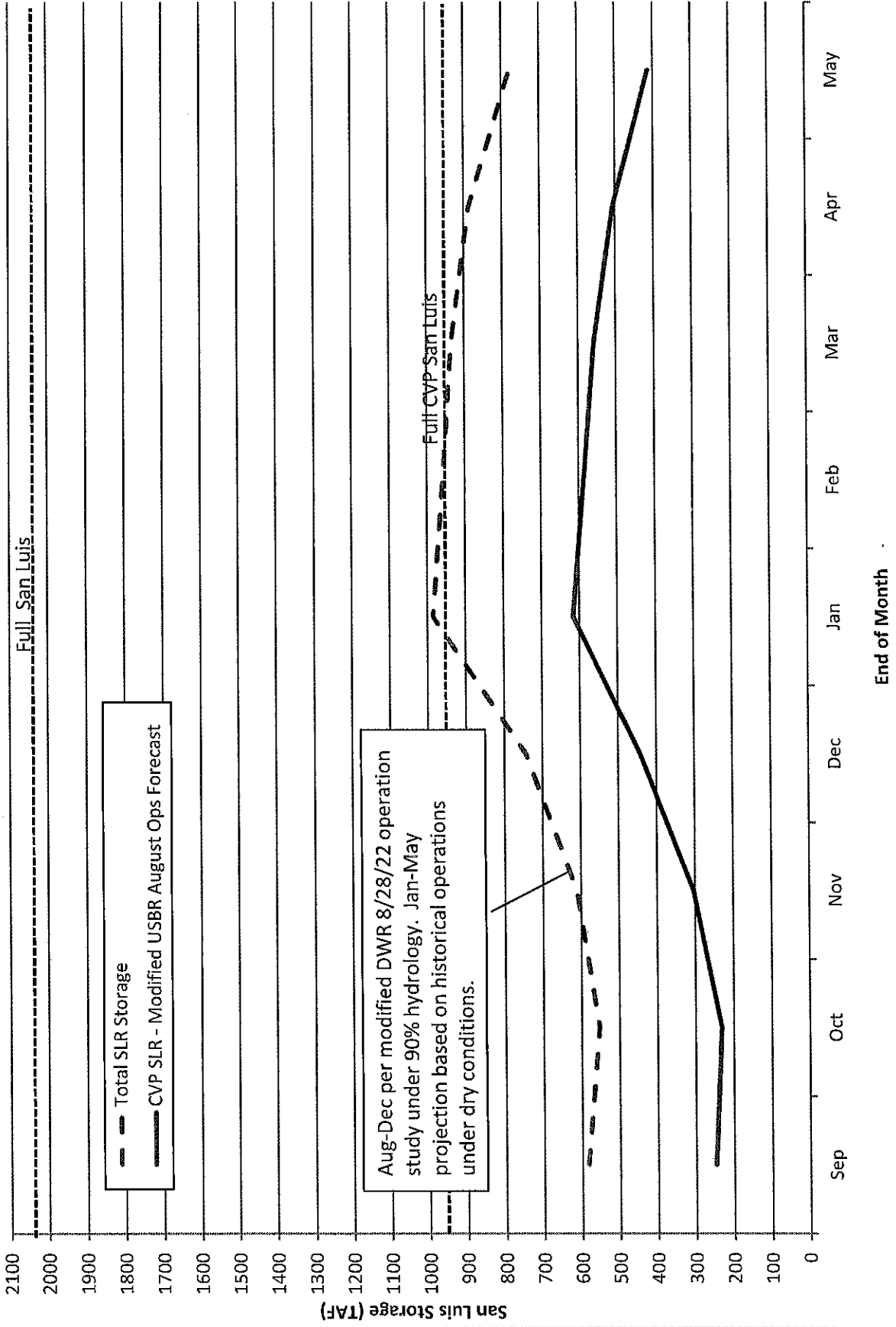
Project Operations

- Jones has been pumping at about 2,700 cfs during the past three weeks but is scheduled to drop to a 2-unit operation (1,800 cfs) on October 1 due to a controlling Delta outflow standard. Reclamation estimates Jones pumping will be limited to 2-3 units during October because of Delta salinity and Sacramento flow requirements per State Water Resources Control Board Decision 1641.
- Due to low Oroville releases during August, CVP water was used to meet part of the SWP's share of Delta requirements. As such, Reclamation's revised accounting balance under the Coordinated Operations Agreement (COA) increased to about 19 TAF in favor of the CVP. The current balance excludes 59 TAF released from New Melones last year to meet part of the SWP's share of Delta requirements. Reclamation and DWR have yet to decide on the timing for payback of the New Melones water.
- Shasta storage is more than 440 TAF higher than this time last year at 1,516 TAF - 67% of average. No reduction from the current release rate of 4,100 cfs is expected before about October 10 when the completion of winter-run salmon fry emergence is expected. The official carryover storage of about 1,515 will be the 7th lowest on record.
- Trinity storage is 554 TAF, 44% of average. The need to increase releases to the Trinity River to control a parasitic outbreak on salmon in the lower Klamath River ended last week. The additional release of 500 cfs lasted 30 days and reduced Trinity storage by about 30 TAF. The projected carryover storage of about 552 will be the 3rd lowest on record and about 180 TAF less than last year.
- Folsom storage is 347 TAF, 79% of average. Releases are ramping down from 2,500 cfs to 1,500 cfs by October 1 as part of Reclamation's schedule. The projected carryover storage of about 344 will be about 20% below average but nearly 120 TAF higher than last year.
- CVP demands for September were about 40% of the 15-year average. Overall demand continues its seasonal decline while deliveries to refuges increase.

2022-23 San Luis Reservoir Operations

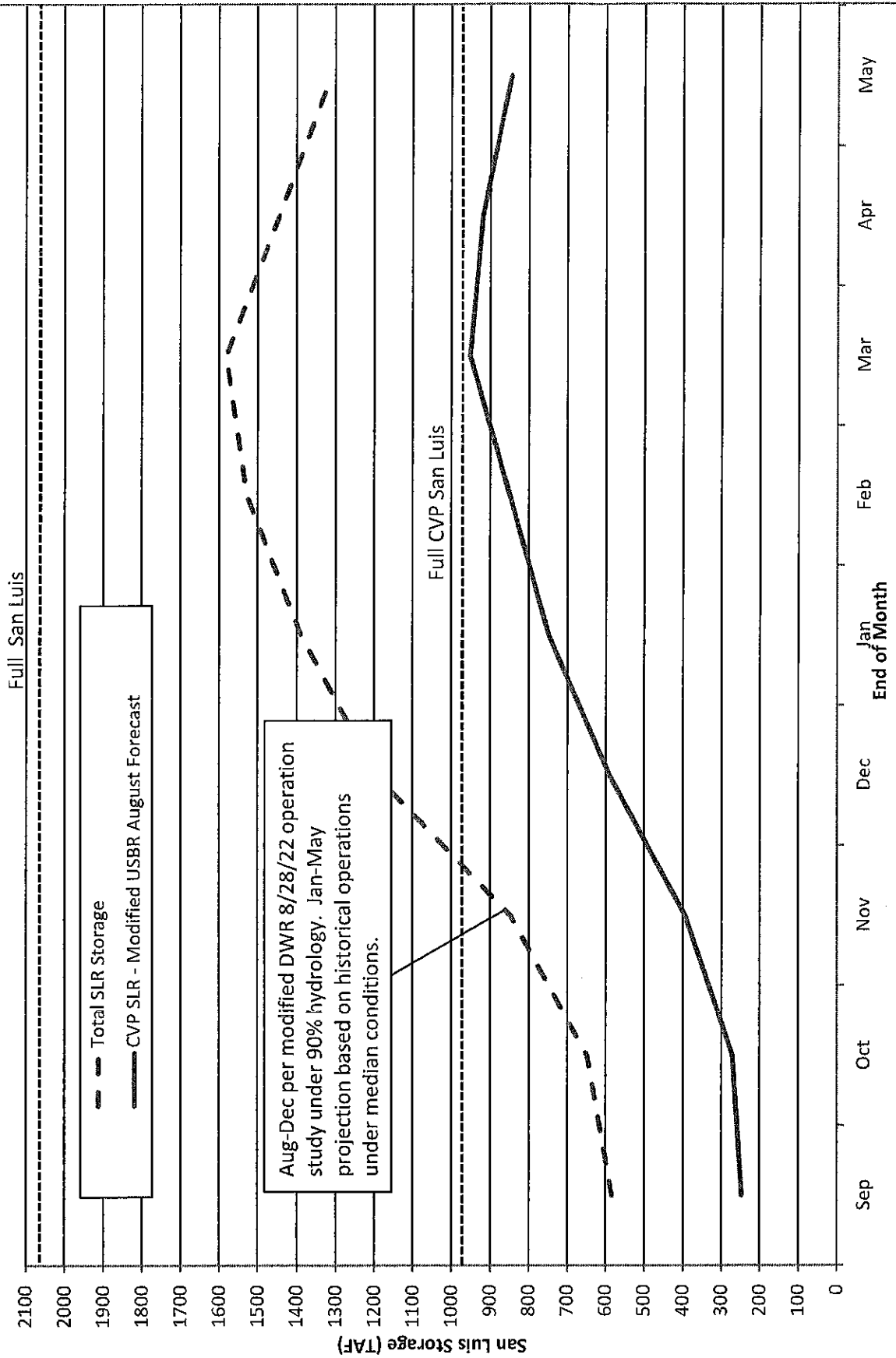
The current CVP share of the San Luis Reservoir (SLR) is at 243 TAF which includes an estimated 110-130 TAF of 2022 Project water. The CVP share of SLR refilled by 58 TAF during September and is expected to refill to 620 TAF and 950 TAF by April under dry and median conditions, respectively.

2022-23 San Luis Storage Projection 90% Exceedance Hydrology



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2022-23 San Luis Storage Projection 50% Exceedance Hydrology



VII B.

DEL PUERTO WATER DISTRICT 2022-23 SUPPLY/USE/COMPLETED TRANSACTIONS SUMMARY
as of September 30, 2022

Supply Type	2022-23
2021-22 Rescheduled Warren Act Supply	1,453
2021-22 Rescheduled Warren Act Supply	4,291
2021-22 Rescheduled NVRWWP Supply	13,452
Less: Monthly 1% Storage Loss Est.	(423)
Sub-Total: Rescheduled Supplies	18,773
2022 CVP Allocation (0%)	0
2022 Ground Water Pump-Ins	1,376
2022 NVRWWP	19,155
2022 CCID Exchange	360
Sub-Total: Current Year Customer Supplies	20,891
2022 YCWA	2,367
2022 AEWS	106
2022 GWD Transfer	250
2022 Volta Wells Transfer	175
2022 PID Transfer	716
2022 O-Creek Recovery	42
2021 Mapes Transfer (Continued into 2022)	5,209
Subtotal: Outside Purchases	8,865
Total Gross Projected Supply Available	48,529

September 2022 Quantity	Completed to Date
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203	971
2156	15482
44	360

0	2367
0	106
29	109
38	80
0	716
0	42
0	3076

2021-22 IN DISTRICT USE		2022-23 IN DISTRICT USE	2022-23 OCRPP USE	2022-23 TRANSFERS OUT	2022-23 MONTHLY USE
1,930	MAR	1,824			1,824
4,307	APR	3,064			3,064
5,716	MAY	5,529			5,529
6,976	JUN	6,387			6,387
7,551	JUL	7,133			7,133
4,654	AUG	4,361			4,361
2,984	SEP	2,596			2,596
1,625	OCT				0
188	NOV				0
255	DEC				0
45	JAN				0
1,591	FEB				0
37,822		30,894	0	0	
TOTAL USED & TRANSFERRED OUT					30,894
TOTAL SCHEDULED					4,450
TOTAL ESTIMATED FOR RESCHEDULING INTO 2023-24					13,185
TOTAL GROSS PROJECTED SUPPLY AVAILABLE					48,529

NOTE: The District has 3,259 AF in storage at AEWS and 2,000 AF in storage at LTRID.

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2022-23 Annual Additional Supplies Pool

VII. C.

DRAFT

10.13.22
Based on 0% Allocation

YEAR 2022-23	1% C/O Losses @ 25% CL									
	100	106	2367	250	175	42	716	3756		
	District	AEWSD Return	YCWA	GWD L2 Exch	Volta Well Exch	O'Creek Recovery	PID			
SLDMWA	\$29.00	\$39.00	\$26.00	\$29.00	\$29.00	\$29.00	\$29.00			
BOR Rate		\$0.00	\$105.00							\$45.41
Other		\$262.00								\$17,008.04
To Seller	\$29.00	\$301.00	\$988.00	\$400.00	\$533.00	\$210.00	\$1,200.00			\$6,347.44
Est Cost	100	106	\$1,119.00	\$429.00	\$562.00	\$239.00	\$1,229.00			\$57,888.00
	\$2,900.00	\$31,906.00	\$2,648,673.00	\$107,250.00	\$98,350.00	\$10,038.00	\$879,964.00			\$3,860,369.89
										\$1,027.79

Pool Demands:

Customer Requests for 2022-23 Annual Additional Supplies:
Unsubscribed Use through 09.30.22

3717 AF
26 AF
3743 AF

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Anthea Hansen

From: Anthea Hansen
Sent: Tuesday, October 18, 2022 11:27 AM
To: Walden, Spencer D
Subject: RE: [EXTERNAL] FW: North Valley Regional Recycled Water Program

Hi Spencer,

Thank you for the response. I am always working to try to get more water into the pipeline, so I will keep you posted when and if the next opportunity arises!

Sincerely,
Anthea

Anthea G. Hansen
General Manager
Del Puerto Water District
PH 209-892-4470/FAX 209-892-4469

70/AF/mo
8 mos
560 AF ≈ cost
\$1,185⁰⁰/AF

From: Walden, Spencer D <swalden@usbr.gov>
Sent: Tuesday, October 18, 2022 11:25 AM
To: Anthea Hansen <ahansen@delpuertowd.org>
Subject: RE: [EXTERNAL] FW: North Valley Regional Recycled Water Program

Hi Anthea,

I'm sorry for the delay.

At this time, we would like to continue "as is", the second option below. The price is high and with Linda gone, we do not have the staffing time to execute what I think would be a supplemental agreement for purchasing the additional water supplies.

Thank you for the offer and we may be interested if the opportunity comes up again in the future.

Spencer D. Walden
Refuge Water Supply Program
Bureau of Reclamation
Interior Region 10: California-Great Basin
(279) 234-1565

From: Anthea Hansen <ahansen@delpuertowd.org>
Sent: Tuesday, October 18, 2022 11:14 AM
To: Walden, Spencer D <swalden@usbr.gov>
Subject: [EXTERNAL] FW: North Valley Regional Recycled Water Program

This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.

Hi Spencer,

Can you follow-up with me regarding the questions I posed below. The District would like your feedback so that we can update our recordkeeping with respect to the extra supply moving in from City of Ceres.

Sincerely,
Anthea

Anthea G. Hansen

General Manager

Del Puerto Water District

PH 209-892-4470/FAX 209-892-4469

From: Anthea Hansen

Sent: Wednesday, October 12, 2022 5:01 PM

To: swalden@usbr.gov

Subject: North Valley Regional Recycled Water Program

Good Afternoon, Spencer,

I hope soon to be able to meet with you to introduce myself and answer any questions you may have about the genesis of the NVERRWP, and how the District is administering the RWSP deliveries under the program. In the meantime, I need to have you consider an opportunity that came up and that we are piloting currently through the Program to deal with our lack of water supplies. I will try to explain the basics in this email, but would like to talk with you further before the end of October to get a sense of your thoughts on the issue.

Background: As part of the NVERRWP, the City of Ceres sends some of its wastewater to the City of Turlock treatment plant. We learned a few months ago that Ceres was ponding about .9 mgd (about 70AF per month), but that with no change to infrastructure, could physically send that supply to Turlock and actually already owned the capacity at the Turlock plant to treat the water to Tertiary and then send it to DPWD in the NVERRWP pipeline. The catch is that the District does not pay for the treatment costs of the Cities' water, we only pay for the costs of the NVERRWP facilities debt, O&M, and a premium to the Cities, and this extra water is between \$8020-\$1000 per AF to treat. Because of the drought emergency, the District and the City of Ceres struck a 1-year arrangement for this extra supply, and we are willing to share it with the RWSP, if you are willing to fund the costs of the USBR share.

As you may or may not know, the RWSP supply from the NVERRWP is prepaid with \$\$\$ from the USBR and a CNRA grant. The contracts for these monies have specific performance measures and assumptions in them, such that the average base cost of the NVERRWP supply would not exceed \$225/AF, which we have been successful at achieving. The decision I need from you is whether:

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1. Do you want to purchase your share (about 19 AF per month starting in June and going through February) of the 1-year additional water at around \$1000/AF, and if so how will the costs be handled.

Or

2. Do you want to continue "as is", receiving your share of the original NVRWP quantity, which will get you approximately 7,125 AF in this water year.

Please note, the additional water is accounted for separately, so it will not be a problem for us to show it separately on the schedule, which we need to update by month end to reflect your preference. And we desperately need the water, so whatever you decide I will be fine with, I just felt compelled to offer the "ups" because we value our partnership with the RWSP.

Please let me know when you are available to discuss. P.S. If you ever talk to Linda, please tell he I said "HI".

Sincerely,

Anthea

Anthea G. Hansen

General Manager

Del Puerto Water District

PH 209-892-4470/FAX 209-892-4469

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Del Puerto Water District
 Active Permits and Licenses
 As of September 30, 2022

Active Permits

<u>Permit No.</u>	<u>Issued Date</u>	<u>Expires</u>	<u>Project</u>	<u>Landowner/Entity</u>	<u>Location</u>
P2202026	3/3/2022	12/2/2022	Temporary Drafting of Construction Water - NextEra Solar Project	Cupertino Elec. & Dacon Corp.	45.78R/Davis Road
P2302003	4/8/2022	5/31/2023	Monthly Water Samples for Trihalomethanes (THM's)	City of Turlock/NVRRWP	37.24 to 45.77
P2302017	8/3/2022	12/1/2022	Temporary Storage of Commodities (Almonds & Gypsum)	Multiple	32.61 to 65.89
P2302020	8/16/2022	10/31/2022	Temporary Drafting of Drilling Water - DPCR Project	DPWD	39.21/Rogers Road
P2302018	8/3/2022	10/1/2022	Remove and Replace Pump and Motor	Gemperle	58.90L

Active Licenses

<u>Contract No.</u>	<u>Issued Date</u>	<u>Expires</u>	<u>Project</u>	<u>Location</u>
15-LC-20-0643	7/14/2015	In Progress	Installation of Non-Project Warren Act Pump-In	Shiraz Ranch

VII. D

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September 29, 2022

Mr. Jose H. & Adolfo Inguanzo
3371 West Vernalis Road
Tracy, CA 95304

Subject: Right-of-Way (ROW) Encroachment of Bureau of Reclamation Property (Case #E2302001) – Delta-Mendota Canal, from Milepost 21.95-R to Milepost 22.26-R -- Central Valley Project (CVP) CA

Mr. Inguanzo:

This letter is to inform you of the encroachment occurring on the Delta-Mendota Canal ROW from Milepost 21.95 Right to Milepost 22.26 Right, which is located downstream of S. Bird Road near Vernalis, CA. The San Luis & Delta-Mendota Water Authority (Authority) is responsible for the operation and maintenance of the Delta-Mendota Canal on behalf of the United States Bureau of Reclamation (Reclamation). The Authority's responsibilities include protection and management of the canal ROW.

Mr. Inguanzo, the property in question is Parcel APN#255-06-12 which borders the canal ROW (See Attachment 1). It has been brought to our attention that there has been some excavation and new fencing/landscaping work at this location. It is in the Water Authority's opinion that this work is on Reclamation property. In addition, there is unauthorized livestock (horse) grazing on Reclamation land near Milepost 21.95-Right.

The Authority requests your cooperation in addressing these trespassing issues by immediately removing the livestock from Reclamation property and by relocating any fencing/landscaping found to be on government property by December 1, 2022.

This matter will be elevated to the United States Government (Reclamation) if not addressed within the date specified. If you should have any questions, please don't hesitate to contact me at (209) 832-6221.

Sincerely,

Jaime McNeil, P.E.
Engineering Manager
San Luis & Delta-Mendota Water Authority

Attachments: San Joaquin County Assessor's Parcel Map

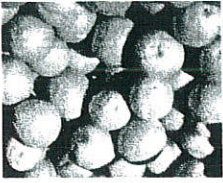
cc: Seth Harris, Pablo Arroyave, Reclamation-Michael Inthavong
Del Puerto Water District-Paul Stearns

- DRAFT -

VII. E.

UNITED STATES DEPARTMENT OF THE INTERIOR
Bureau of Reclamation
CROP REPORT

2022



SECTION I - DISTRICT INFORMATION

a. Name of District Del Puerto Water District		b. District Address P.O. Box 1596	
c. Total District Acres 43,789	Irrigable Acres 34,481	d. Contact person Anthea G. Hansen	

SECTION II - DISTRICT LANDS IN AN IRRIGATION ROTATION

Agricultural Acres 34,728	Nonagricultural Acres 2,073	Double-cropped Acres 247
Acres irrigated but not harvested N/A	Acres not irrigated (dry cropped, fallow, or idle) 7235	

SECTION III - CROP PRODUCTION

a. CROPS	b. ACRES	a. CROPS	b. ACRES
CEREALS			
50 Barley (malt)		57 Wheat	
51 Barley (feed)		58 Other Cereals (specify)	
52 Corn		58 Other Cereals (specify)	
53 Oats	560	58 Other Cereals (specify)	
54 Rice		58 Other Cereals (specify)	
56 Sorghums (sorgo, kaffir, milo, etc.)		58 Other Cereals (specify)	
FORAGE			
61 Alfalfa hay		70 Other forage (specify)	639 (Rangeland)
62 Other hay		70 Other forage (specify)	30 (Worms)
63 Irrigated pasture		70 Other forage (specify)	84 (Compost)
65 Silage or ensilage	20	70 Other forage (specify)	
70 Other forage (specify)	1,266 (Wheat)	70 Other forage (specify)	
MISCELLANEOUS FIELD CROPS			
81 Beans, dry and edible	213	89 Sugar beets	
82 Cotton: Lint (Upland)		90 Soybeans	
83 Cotton: Seed (Upland) ⁵		91 Other field crops (specify)	169 (Garlic)
84 Cotton: Lint (American-Pima)		91 Other field crops (specify)	63 (Safflower)
85 Cotton: Seed (American-Pima) ⁵		91 Other field crops (specify)	
86 Hops		91 Other field crops (specify)	
87 Mint		91 Other field crops (specify)	
VEGETABLES			
101 Asparagus		120 Peas, green (fresh market)	
102 Beans (processing)		121 Peppers (all kinds)	
103 Beans (fresh market)		122 Potatoes, early	3
104 Broccoli	223	123 Potatoes, late	
105 Cabbage	1	124 Squash	4
106 Carrots	2	100 Sweet Potatoes	
107 Cauliflower	2	125 Tomatoes (canning)	1,541
108 Celery		126 Tomatoes (fresh market)	2
109 Corn, sweet (processing)		114 Cantaloupe	596
110 Corn, sweet (fresh market)		116 Watermelon	99
111 Cucumbers		115 Honey Ball, Honeydew, etc.	
112 Greens (kale, spinach, etc.)		127 Other vegetables (specify)	2 (Leeks)
113 Lettuce	2	127 Other vegetables (specify)	40 (Pumpkin)
117 Onions, dry		127 Other vegetables (specify)	2 (Beets)
118 Onions, green	2	127 Other vegetables (specify)	
119 Peas, green (processing)		127 Other vegetables (specify)	

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SECTION III - CROP PRODUCTION			
NURSERY			
a. CROPS	b. ACRES	a. CROPS	b. ACRES
137 Total Nursery	349		
SEED CROPS			
141 Alfalfa		148 Potato	
142 Clover		149 Sugar beet	
143 Corn		150 Other seeds (specify)	
144 Grass		150 Other seeds (specify)	
145 Lettuce		150 Other seeds (specify)	
146 Onion		150 Other seeds (specify)	
147 Pea		150 Other seeds (specify)	
FRUITS			
161 Apples		166 Lemons and Limes	49
162 Apricots	1,538	171 Kiwis	
168 Avocados		167 Olives	561
163 Berries, except strawberries		172 Oranges and tangerines	27
164 Cherries	2012	173 Peaches	99
168 Dates		174 Pears	
159 Figs		172 Persimmons	29
169 Grapes, table		173Pomegranets	
177 Grapes, wine	522	174 Prunes and Plums	
176 Grapes, raisin		160 Strawberries	
170 Grapes, other		175 Other fruits (specify)	288 (Mandarins)
165 Grapefruit	4 (Pomelo)	175 Other fruits (specify)	2 (Piluots)
NUTS			
181 Almonds	22,461	184 Other nuts (specify)	
182 Pecans		184 Other nuts (specify)	
180 Pistachios	242	184 Other nuts (specify)	
183 Walnuts	982	184 Other nuts (specify)	
184 Other nuts (specify)		184 Other nuts (specify)	

1. Total of all irrigated acres listed, by individual crop, on this form
2. Irrigated nonagricultural acres, include family orchards and gardens, hobby farms, landscaped areas, etc.