



**Grassland Basin Drainage Steering Committee
Regular Meeting of the Steering Committee**

Friday, December 15, 2023 ~ 9:30 a.m.

**San Luis & Delta-Mendota Water Authority Boardroom
842 6th Street, Los Banos, California**

Telephonic Participation

Conference Call Dial-in: 1-623-600-3769

Conference Code: 518817

AGENDA

NOTE: Any member of the public may address the GBD Steering Committee concerning any item on the agenda before or during consideration of that item, as appropriate. For each item, public comment is limited to no more than three minutes per person. For good cause, the Committee Chair may waive this limitation. Committee Members/Alternates may discuss items listed on the agenda or add to the agenda as necessary, in accordance with Government Code section 54954.2, subd. (b)(2).

1. Call to Order/Roll Call
2. Corrections or Additions to the Agenda, as authorized by Government Code section 54950 et seq.
3. Opportunity for Public Comment

Action Items

4. **Committee to Consider Approving October 20, 2023 Regular Meeting Minutes**
5. **Committee to Consider Acceptance of the Financial Report**
6. **Committee to Review and Consider Approving Fiscal Year 2024-25 GBD Draft Budget**

Report Items

7. Committee to Receive Report on the Mud Slough Restoration Program
8. Committee to Receive Report on the Status of the Prop 84 Grant Program

9. Grassland Bypass Project Updates:
 - a. Operations Report
 - b. Monitoring Program and Toxicity Data Report - Committee to Review and Authorize Release of Information
10. Update on Waste Discharge Requirements for Discharge to Groundwater, Grassland Drainage Area Coalition
11. Reports from District Representatives
12. Reports on Other Items Pursuant to Government Code Section 54954.2(a)(3)
13. Date and Time of Next Meeting
14. CLOSED SESSION
 - Conference with Legal Counsel on Existing Litigation Pursuant to Paragraph (1) Subdivision (d) of Government Code Section 54956.9
 - a. Pacific Coast Federation of Fishermen's Associations, California Sportfishing Protection Alliance, Friends of the River, San Francisco Crab Boat Owners Association, Inc., The Institute for Fisheries Resources, and Felix Smith v. Donald R. Glaser, Regional Director of the U.S. Bureau of Reclamation, U.S. Bureau of Reclamation, and San Luis & Delta-Mendota Water Authority, U.S. District Court (E.D. Cal), Case No. 2:11-CV-02980-DAD-CKD
 - b. Conference with Legal Counsel – Anticipated Litigation – Pursuant to Subdivision (a) and Paragraphs 2 or 3 of Subdivision (d) of Government Code Section 54956.9 (1 potential case) or Paragraph 4 of Subdivision (d) of Government Code Section 54956.9 (1 potential case)
15. Return to Open Session
16. Report from Closed Session, if Required by Government Code Section 54957.1
17. Adjournment

Persons with a disability may request disability-related modification or accommodation by contacting Cheri Worthy or Sandi Ginda at the San Luis & Delta-Mendota Water Authority Office, 842 6th Street, P.O. Box 2157, Los Banos, California, via telephone at (209) 826-9696, or via email at cheri.worthy@sldmwa.org or sandi.ginda@sldmwa.org. Requests should be made as far in advance as possible before the meeting date, preferably 3 days in advance of regular meetings or 1 day in advance of special meetings/workshops.

This agenda has been prepared as required by the applicable laws of the State of California, including but not limited to, Government Code Section 54950 et seq. and has not been prepared with a view to informing an investment decision in any of the Authority's bonds, notes or other obligations. Any projections, plans or other forward-looking statements included in the information in this agenda are subject to a variety of uncertainties that could cause any actual plans or results to differ materially from any such statement. The information herein is not intended to be used by investors or potential investors in considering the purchase or sale of the Authority's bonds, notes or other obligations and investors and potential investors should rely only on information filed by the Authority on the Municipal Securities Rulemaking Board's Electronic Municipal Market Access System for municipal securities disclosures, maintained on the World Wide Web at <https://emma.msrb.org/>.

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SAN LUIS & DELTA-MENDOTA WATRE AUTHORITY-GRASSLAND BASIN STEERING
COMMITTEE MEETING MINUTES
OCTOBER 20, 2023

The Board of Directors of the Grassland Basin Drainage Steering Committee (GBDSC) met at 9:38 a.m. at 842 6th Street, Los Banos, California with Chairman David Cory presiding.

Directors and Alternate Directors in Attendance

Camp 13 Drainage District
David Cory, Chairman

Charleston Drainage District
Tom Teixeira, Member

Firebaugh Canal Water District
Kevin Hurd, Member

Pacheco Water District
David Parreira, Member

SLDMWA Staff Present
Rebeca Harms, Deputy Executive General Counsel– Via Telephonic
Chris Linneman, Drainage Coordinator
Lauren Viers, Staff Accountant III

Others Present
Palmer McCoy, Grassland Basin Authority
Joe McGahan, Summers Engineering – Via Telephonic

1. **Call to Order / Roll Call**
Chairmen David Cory called the meeting to order and requested self-introductions.
2. **Corrections or Additions to the Agenda**
No corrections or additions were made to the agenda.
3. **Opportunity for Public Comment**
No public comments were made.
4. **Committee to Consider Acceptance of August 18, 2023 Meeting Minutes**
After review of the August 18, 2023 Grassland Basin Drainage Steering Committee (GBDSC) meeting minutes, with one minor edit: Kevin Hurd was not present at meeting to participating voting. Committee Member David Parreira moved to accept the August 18, 2023 minutes as

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corrected, the motion was seconded by Committee Member Tom Teixeira and passed unanimously.

AYES: Cory, Teixeira, Hurd and Parreira
NAYS: None
ABSTENTIONS: None

5. Committee to Consider Acceptance of Financial Expenditures Report.

Staff Accountant III Lauren Viers presented the Financial Report with a baseline through 9/30/23 and noted the budget was trending under, with 70 percent remaining half way through the year. Committee Member Tom Teixeira moved to approve the Financial Expenditures Report as presented, the motion was seconded by Committee Member David Parreira and passed unanimously.

AYES: Cory, Teixeira, Hurd and Parreira
NAYS: None
ABSTENTIONS: None

6. Committee to Review and Consider Approving Fiscal Year 2024-2025 GBD Draft Budget

Drainage Coordinator Chris Linneman presented the Fiscal Year 2024-2025 GBD Draft budget to the Committee for review and approval. Linneman noted we are only halfway through this past year's budget and not ready to finalize next year's budget. Following some discussion on line-item changes and new work to be added to the budget, it was the consensus of the committee no action be taken on the budget at this meeting.

7. Committee to Receive Report on Mud Slough Restoration Project

Drainage Coordinator Chris Linneman explained the Grassland Basin Drainers have an obligation to return Mud Slough to its original state- hence the need for restoration project. Linneman reported on meetings in September with Newman Land Company (NLC) and California Department of Fish and Wildlife (CDFW). Following a brief discussion, Linneman noted no significant action on this project is imminent and details will be discussed in Closed Session.

8. Committee to Receive Report on the Status of the Prop 84 Grant Program

Drainage Coordinator Chris Linneman reported the Prop 84 Grant is still moving forward on the San Joaquin River Water Quality Improvement Project. Linnemen noted the SCADA project should be operational by December. Linneman continued by explaining the storm basin project is moving forward however, payment delays from the Department of Water Resources (DWR) are causing cash flow issues that need to be resolved. Grant dollars spent to date: 11.7 million with 22.4

million remaining.

9. Grassland Bypass Project Updates

- a. **Operations Report – Drainage Coordinator Chris Linneman** referred to maps detailing all the discharge points for the project in today’s meeting packet. A graph of Sites A and B discharge amounts and rainfall events through September 30, 2023 was reviewed. Site D Mud Slough selenium and flow for March 1, 2020– September 2023 was reviewed. Next the Site D Mud Slough (North) Downstream San Luis Drain – selenium concentration on a daily, 7-day average and monthly average selenium concentrations and goals were presented, Linneman concluded by reporting on Site B Monthly Salt Load and Site R Selenium concentrations and noted a plugged pipe at the end of the drain caused some erroneous flow readings.
- b. **Monitoring Program and Toxicity Data Report – Chris Linneman** presented and the Committee reviewed event 100 and 101; samples collected July 27, 2023 and August 24, 2023. The reports reflected no toxicity. The Committee gave direction to release the Toxicity data.

10. Update on Waste Discharge Requirements for Discharge to Groundwater Water for the Grassland Drainage Area Coalition – Drainage Coordinator Chris Linneman reported he is following up on the information from the 2021 membership requirements (Farm Evaluation Forms) that were collected in 2021 and the new set will be mailed soon. INMPSR were mailed out earlier this year and all but three have been received. David Cory reported the need to begin work on the Nitrogen Management Zone issue and noted it will be costly.

11. Reports from District Representatives – No reports.

12. Reports on Other Items Pursuant to Government Code Section 54954.2 (a)(3) – No other items were presented or discussed.

13. Date and Time of Next Meeting

The next regularly scheduled meeting is November 17, 2023 at 9:30 a.m.

14. Closed Session

The Committee convened to a Closed Session at 10:05 a.m.

15. Return to Open Session

The Committee returned to Open Session at 10:26 a.m.

16. Report from Closed Session, if Required by Government Code Section 54957.1

Chairman David Cory reported the Committee discussed items posted on the Closed Session Agenda- received updates from legal counsel, and took no action.

17. Adjournment

Chairman David Cory adjourned the meeting of the Grassland Basin Drainers Steering Committee at 10:27 a.m.

SAN LUIS & DELTA-MENDOTA WATER AUTHORITY
MARCH 1, 2023 - FEBRUARY 29, 2024
GRASSLAND BASIN DRAINAGE #3A (FUND 22)
ACTIVITY AGREEMENTS BUDGET TO ACTUAL

Report Period 3/1/23 - 10/31/23

GBD Meeting 12.15.2023

EXPENDITURES	Annual Budget	Paid/ Expense	Amount Remaining	% of Amt Remaining	Expenses Through
<u>Legal:</u>					
Linneman et al	\$ 20,000	\$ 6,062	\$ 13,938	70%	8/31/23
Pioneer Law Group - CEQA Legal Consultant	\$ 70,000	\$ 16,914	\$ 53,086	76%	10/3/23
Cotchett, Pitre & McCarthy	\$ 40,000	\$ 974	\$ 39,026	98%	6/14/23
Kahn, Soares & Conway	\$ 45,000	\$ 2,140	\$ 42,860	95%	10/31.23
Misc. Legal Support	\$ 10,000		\$ 10,000	100%	
Baker Manock & Jensen	\$ 25,000		\$ 25,000	100%	
<u>GBD Specific:</u>					
Drainage Coordinator (Summers)	\$ 143,000	\$ 80,759	\$ 62,241	44%	10/31/23
Quality Data Processing/Load Calc (Summers)	\$ 176,255	\$ 93,778	\$ 82,477	47%	10/31/23
Flow Calculation/Station Maint. (Summers)	\$ 38,500	\$ 71,700	\$ (33,200)	-86%	10/31/23
Field Coordinator (PDD)	\$ 35,000	\$ 12,333	\$ 22,667	65%	9/30/23
Real Time Monitoring Equip (PDD)	\$ 10,000	\$ 3,643	\$ 6,357	64%	9/30/23
Panoche Creek Gauging Station	\$ 7,900	\$ 7,900	\$ -	0%	4/20/23
Water Quality Monitoring (Reg. Sites)	\$ 243,000	\$ 212,969	\$ 30,031	12%	10/31/23
Newman Water Costs	\$ 118,856		\$ 118,856	100%	
Restoration of Mud Slough Channel (Newman Land)	\$ 96,800	\$ 10,513	\$ 86,287	89%	9/30/23
Waste Discharge Permit Fees	\$ 64,000	\$ -	\$ 64,000	100%	7/11/23
Drainage Management Plan	\$ 13,200	\$ 27,574	\$ (14,374)	-109%	10/31/23
New UA Mud Slough Mitigation:					
Remove Sediment in SLD	\$ 50,000		\$ 50,000	100%	
Use of Drain:					
Operation & Maintenance (PDD)	\$ 158,400	\$ 56,174	\$ 102,226	65%	9/30/23
Biological Monitoring:					
Pacific Eco Risk	\$ 100,000	\$ 62,217	\$ 37,783	38%	10/31/23
HT Harvey-SJRIP Egg Monitoring	\$ 100,000	\$ 51,370	\$ 48,630	49%	10/23/23
Fish Biologist - Splittail/Sturgeon	\$ 50,000	\$ 30,032	\$ 19,968	40%	10/23/23
Groundwater WDR Specific:					
Membership Enrollment/List (Summers)	\$ 115,830	\$ 21,124	\$ 94,706	82%	10/5/23
Farm Evaluation Plan (Summers)	\$ 23,100	\$ 8,360	\$ 14,740	64%	10/31/23
NMP Summary Report	\$ 20,915	\$ 1,985	\$ 18,930	91%	10/5/23
MPEP Group Workplan	\$ 5,400	\$ 1,406	\$ 3,994	74%	10/12/23
Groundwater Protection Formula	\$ 10,000		\$ 10,000	100%	
CVSalts Nitrate Compliance	\$ 25,000		\$ 25,000	100%	
Prioritization and Optimization Study-CVSalts	\$ 10,983	\$ 11,438	\$ (455)	-4%	6/1/23
Trend Monit Prgm	\$ 67,600	\$ 45,327	\$ 22,273	33%	10/5/23
Develop Web Portal	\$ 5,648	\$ 2,796	\$ 2,852	50%	10/5/23
Collect State Board Fee	\$ 126,000		\$ 126,000	100%	
Annual Monitoring Report (Summers)	\$ 46,200	\$ 8,360	\$ 37,840	82%	10/31/23
CVGMC Data	\$ 2,700	\$ 1,977	\$ 723	27%	9/30/23
<u>Other:</u>					
General Counsel	\$ 2,896	\$ 4,246	\$ (1,350)	-47%	10/31/23
In-House Staff	\$ 965	\$ 1,912	\$ (947)	-98%	10/31/23
Dissolved Oxygen Aerator	\$ -	\$ 4,688	\$ (4,688)	0%	
Other Services & Expenses	\$ -	\$ -	\$ -	0%	
Telephone	\$ -	\$ -	\$ -	0%	
Total Expenditures	\$ 2,078,148	\$ 860,671	\$ 1,217,477	59%	

SAN LUIS & DELTA-MENDOTA WATER AUTHORITY
GRASSLAND BASIN DRAINAGE
ACCOUNTS RECEIVABLE REPORT
FISCAL YEAR 03/01/23 - 02/29/24

	Grassland Basin Drainage	
	Fund 22	Total
Report Period: 3/31/23-10/31/23		
Report Date: 12/15/23		
Receivable Balance at September 30, 2023	\$ 344,517.30	\$ 344,517.30
Billings:		
2nd Installment FY24 - GBD		
Camp 13 Drainage District		\$ -
Panoche Drainage District		\$ -
Widren LLC		\$ -
Total Billings:	\$ -	\$ -
Collections:		
Panoche Drainage District	\$ 57,995.92	\$ 57,995.92
Total Collections:	\$ 57,995.92	\$ 57,995.92
Receivable Balance at October 31, 2023	\$ 286,521.38	\$ 286,521.38
Outstanding Accounts:		
1st Installment FY20/21 - GBD WDR Specific		
AMK Pereira	\$ (1.00)	\$ (1.00)
2nd Installment FY20/21 - GBD WDR Specific		
Madeline Pereira	\$ (1.00)	\$ (1.00)
	\$ (2.00)	\$ (2.00)
1st Installment FY24 - GBD		
Camp 13 Drainage District	\$ 26,093.50	\$ 26,093.50
2nd Installment FY24 - GBD		
Camp 13 Drainage District	\$ 26,093.50	\$ 26,093.50
Panoche Drainage District	\$ 231,984.38	\$ 231,984.38
Widren LLC	\$ 2,352.00	\$ 2,352.00
	\$ 286,523.38	\$ 286,523.38
Outstanding Grand Total	\$ 286,521.38	\$ 286,521.38

SAN LUIS & DELTA-MENDOTA WATER AUTHORITY
FY24 Projections & Draft FY25 Budget - Draft #2
Version A
GRASSLAND BASIN DRAINAGE #3A (FUND 22)
PROVISIONAL BUDGET - FOR DISCUSSION ONLY

FY24 Projections & FY25 Budget Draft

Report Period 3/1/23 - 8/31/24

EXPENDITURES	FY 24					FY24	FY25
	Annual Budget	Paid Expense	Amount Remaining	% of Amt Remaining	Expenses Through	Projected Expenses	Draft 2 Budget
Legal:							
1 Linneman et al	\$ 20,000	\$ 6,062	\$ 13,938	70%	8/31/23	\$ 10,000 cl	\$ -
2 Pioneer Law Group - CEQA Legal Consultant	\$ 70,000	\$ 16,914	\$ 53,086	76%	10/3/23	\$ 25,000 cl	\$ 25,000
3 Cotchett, Pitre & McCarthy	\$ 40,000	\$ 974	\$ 39,026	98%	6/14/23	\$ 40,000 cl	\$ 20,000
4 Kahn, Soares & Conway	\$ 45,000	\$ 2,140	\$ 42,860	95%	9/30/23	\$ 5,000 cl	\$ 15,000
5 Misc. Legal Support	\$ 10,000		\$ 10,000	100%		\$ - cl	\$ 17,500
6 Baker Manock & Jensen	\$ 25,000		\$ 25,000	100%		\$ - cl	\$ -
GBD Specific:							
7 Drainage Coordinator (Summers)	\$ 143,000	\$ 80,759	\$ 62,241	44%	10/31/23	\$ 130,000 cl	\$ 145,000
8 Quality Data Processing/Load Calc (Summers)	\$ 176,255	\$ 104,759	\$ 71,496	41%	10/23/23	\$ 170,000 cl	\$ 130,000
9 Flow Calculation/Station Maint. (Summers)	\$ 38,500	\$ 71,700	\$ (33,200)	-86%	10/31/23	\$ 90,000 cl	\$ 90,000
10 Field Coordinator (PDD)	\$ 35,000	\$ 12,333	\$ 22,667	65%	10/31/23	\$ 35,000 A	\$ 35,000
11 Real Time Monitoring Equip (PDD)	\$ 10,000	\$ 3,643	\$ 6,357	64%	9/30/23	\$ 9,000 cl	\$ 10,000
12 Panoche Creek Gauging Station	\$ 7,900	\$ 7,900	\$ -	0%	4/20/23	\$ 7,900 cl	\$ 9,480
13 Water Quality Monitoring (Reg. Sites)	\$ 243,000	\$ 144,572	\$ 98,428	41%	11/17/23	\$ 243,000 cl	\$ 250,000
14 Newman Water Costs	\$ 118,856		\$ 118,856	100%		\$ 118,856 cl	\$ 121,233
15 Restoration of Mud Slough Channel (Newman Land)	\$ 96,800	\$ 10,513	\$ 86,287	89%	9/30/23	\$ 25,000 cl	\$ 75,000
16 Waste Discharge Permit Fees	\$ 64,000		\$ 64,000	100%		\$ 64,000 A	\$ 67,000
17 Drainage Management Plan	\$ 13,200	\$ 27,574	\$ (14,374)	-109%	10/31/23	\$ 28,000 cl	\$ 20,000
18 SJRIP Monitor Wells		\$ 76,255				\$ 76,255 cl	\$ 5,000
New UA Mud Slough Mitigation:							
19 Remove Sediment in SLD	\$ 50,000		\$ 50,000	100%		\$ - cl	\$ 50,000
Use of Drain:							
20 Operation & Maintenance (PDD)	\$ 158,400	\$ 56,174	\$ 102,226	65%	9/30/23	\$ 158,400	\$ 95,000
Biological Monitoring:							
21 Pacific Eco Risk	\$ 100,000	\$ 62,217	\$ 37,783	38%	10/31/23	\$ 100,000 cl	\$ 100,000
22 HT Harvey-SJRIP Egg Monitoring	\$ 100,000	\$ 51,370	\$ 48,630	49%	10/23/23	\$ 100,000 cl	\$ 100,000
23 Fish Biologist - Splittail/Sturgeon	\$ 50,000	\$ 30,032	\$ 19,968	40%	10/23/23	\$ 50,000 A	\$ 15,000
Groundwater WDR Specific:							
24 Membership Enrollment/List (Summers)	\$ 115,830	\$ 16,650	\$ 99,180	86%	10/31/23	\$ 115,830 A	\$ 102,300
25 Farm Evaluation Plan (Summers)	\$ 23,100	\$ 8,360	\$ 14,740	64%	10/23/23	\$ 23,100 A	\$ 45,000
26 NMP Summary Report	\$ 20,915	\$ 5,746	\$ 15,169	73%	11/7/23	\$ 20,915 A	\$ 40,000
27 MPEP Group Workplan	\$ 5,400	\$ 1,406	\$ 3,994	74%	10/12/23	\$ 5,400 A	\$ 5,400
28 Groundwater Protection Formula	\$ 10,000		\$ 10,000	100%		\$ 1,000 cl	\$ 10,000
29 Nitrogen Mangement Zone Planning	\$ 25,000		\$ 25,000	100%		\$ - cl	\$ 50,000
CVSalts Nitrate Compliance							
30 Prioritization and Optimization Study-CVSalts	\$ 10,983	\$ 11,438	\$ (455)	-4%	6/1/23	\$ 12,000 C	\$ 12,600
31 Trend Monit Prgm	\$ 67,600	\$ 51,478	\$ 16,122	24%	9/15/23	\$ 67,600 A	\$ 84,000
32 Develop Web Portal	\$ 5,648	\$ 2,955	\$ 2,693	48%	11/7/23	\$ 5,648 A	\$ 3,500
33 Collect State Board Fee	\$ 126,000		\$ 126,000	100%		\$ 126,000 A	\$ 132,000
34 Annual Monitoring Report (Summers)	\$ 46,200	\$ 8,360	\$ 37,840	82%	10/31/23	\$ 15,000 cl	\$ 35,000
35 CVGMC Data	\$ 2,700	\$ 2,212	\$ 488	18%	11/10/23	\$ 2,700 cl	\$ 3,000
Other:							
General Counsel	\$ 2,896	\$ 4,719	\$ (1,823)	-63%	11/3/23	\$ 6,292 B	\$ 35,000
In-House Staff	\$ 965	\$ 2,056	\$ (1,091)	-113%	11/3/23	\$ 2,741 B	\$ 3,250
Dissolved Oxygen Aerator	\$ -	\$ 4,688	\$ (4,688)	0%	2/28/24	\$ 4,688 C	\$ 6,250
Total Expenditures	\$ 2,078,148	\$ 885,959	\$ 1,268,444	61%		\$ 1,894,325	\$ 1,962,513

Draft 2 VERSION A Full Dues						
DISTRICT	Grassland Bypass Allocation		Groundwater Specific		Total	
	Percent	Amount	Percent	Amount		
Camp 13	2.40%	\$ 34,553.11	5.989%	\$ 31,310.49	\$	65,863.61
Charleston Drainage District	3.29%	\$ 47,366.56	4.674%	\$ 24,435.67	\$	71,802.23
Firebaugh Canal Water District	17.95%	\$ 258,428.51	26.480%	\$ 138,437.44	\$	396,865.95
Pacheco Water District	8.67%	\$ 124,823.13	5.701%	\$ 29,804.83	\$	154,627.96
Panoche Drainage District	67.69%	\$ 974,541.81	49.139%	\$ 256,898.69	\$	1,231,440.50
SJRIP			6.993%	\$ 36,559.40	\$	36,559.40
Private Lands not in a district			1.024%	\$ 5,353.47	\$	5,353.47
TOTALS		\$ 1,439,713.12		\$ 522,800.00	\$	1,962,513.12
		\$ 1,439,713.12		\$ 522,800		

Draft 2 VERSION A Adjusted for Carryover						
DISTRICT	Grassland Bypass Allocation		Groundwater Specific		Total	
	Percent	Amount	Percent	Amount		
Camp 13	2.40%	\$ 30,141.37	5.989%	\$ 31,310.49	\$	61,451.86
Charleston Drainage District	3.29%	\$ 41,318.80	4.674%	\$ 24,435.67	\$	65,754.47
Firebaugh Canal Water District	17.95%	\$ 225,432.34	26.480%	\$ 138,437.44	\$	363,869.78
Pacheco Water District	8.67%	\$ 108,885.70	5.701%	\$ 29,804.83	\$	138,690.53
Panoche Drainage District	67.69%	\$ 850,112.25	49.139%	\$ 256,898.69	\$	1,107,010.94
SJRIP			6.993%	\$ 36,559.40	\$	36,559.40
Private Lands not in a district			1.024%	\$ 5,353.47	\$	5,353.47
TOTALS		\$ 1,255,890.45		\$ 522,800.00	\$	1,778,690.45
		\$ 1,255,890.45		\$ 522,800.00		

SAN LUIS & DELTA-MENDOTA WATER AUTHORITY
FY24 Projections & Draft FY25 Budget - Draft #2
Version B
GRASSLAND BASIN DRAINAGE #3A (FUND 22)
PROVISIONAL BUDGET - FOR DISCUSSION ONLY

FY24 Projections & FY25 Budget Draft







Report Period 3/1/23 - 8/31/24

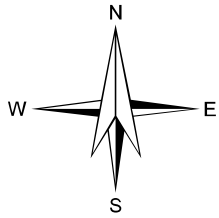
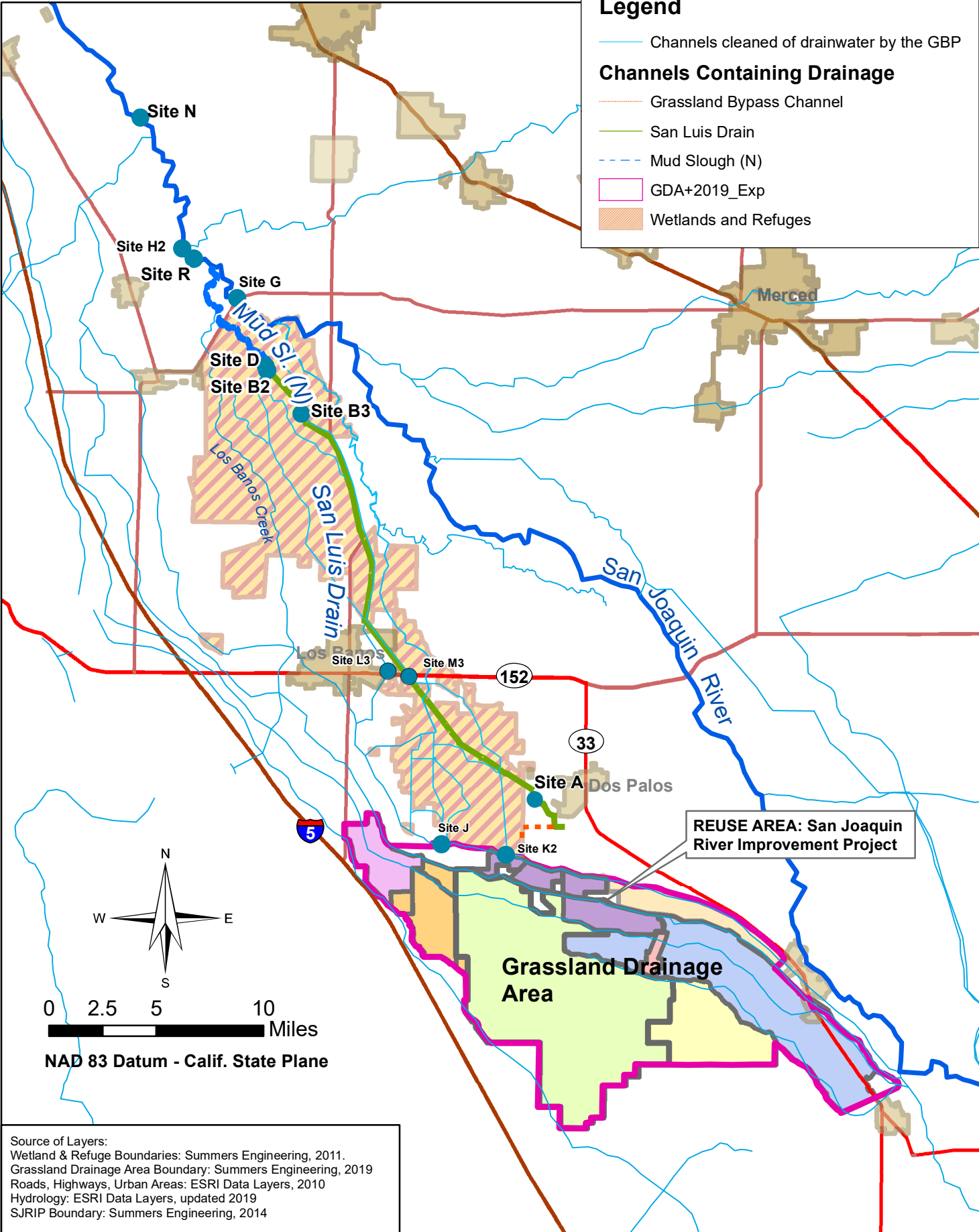
EXPENDITURES	FY 24					FY24	FY25
	Annual Budget	Paid Expense	Amount Remaining	% of Amt Remaining	Expenses Through	Projected Expenses	Draft 2 Budget
Legal:							
1 Linneman et al	\$ 20,000	\$ 6,062	\$ 13,938	70%	8/31/23	\$ 10,000 cl	\$ -
2 Pioneer Law Group - CEQA Legal Consultant	\$ 70,000	\$ 16,914	\$ 53,086	76%	10/3/23	\$ 25,000 cl	\$ 25,000
3 Cotchett, Pitre & McCarthy	\$ 40,000	\$ 974	\$ 39,026	98%	6/14/23	\$ 40,000 cl	\$ 20,000
4 Kahn, Soares & Conway	\$ 45,000	\$ 2,140	\$ 42,860	95%	9/30/23	\$ 5,000 cl	\$ 15,000
5 Misc. Legal Support	\$ 10,000		\$ 10,000	100%		\$ - cl	\$ 17,500
6 Baker Manock & Jensen	\$ 25,000		\$ 25,000	100%		\$ - cl	\$ -
GBD Specific:							
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8 Quality Data Processing/Load Calc (Summers)	\$ 176,255	\$ 104,759	\$ 71,496	41%	10/23/23	\$ 170,000 cl	\$ 130,000
9 Flow Calculation/Station Maint. (Summers)	\$ 38,500	\$ 71,700	\$ (33,200)	-86%	10/31/23	\$ 90,000 cl	\$ 90,000
10 Field Coordinator (PDD)	\$ 35,000	\$ 12,333	\$ 22,667	65%	10/31/23	\$ 35,000 A	\$ 35,000
11 Real Time Monitoring Equip (PDD)	\$ 10,000	\$ 3,643	\$ 6,357	64%	9/30/23	\$ 9,000 cl	\$ 10,000
12 Panoche Creek Gauging Station	\$ 7,900	\$ 7,900	\$ -	0%	4/20/23	\$ 7,900 cl	\$ 9,480
13 Water Quality Monitoring (Reg. Sites)	\$ 243,000	\$ 144,572	\$ 98,428	41%	11/17/23	\$ 243,000 cl	\$ 250,000
14 Newman Water Costs	\$ 118,856		\$ 118,856	100%		\$ 118,856 cl	\$ 121,233
15 Restoration of Mud Slough Channel (Newman Land)	\$ 96,800	\$ 10,513	\$ 86,287	89%	9/30/23	\$ 25,000 cl	\$ 75,000
16 Waste Discharge Permit Fees	\$ 64,000		\$ 64,000	100%		\$ 64,000 A	\$ 67,000
17 Drainage Management Plan	\$ 13,200	\$ 27,574	\$ (14,374)	-109%	10/31/23	\$ 28,000 cl	\$ 20,000
18 SJRIP Monitor Wells		\$ 76,255				\$ 76,255 cl	\$ 5,000
New UA Mud Slough Mitigation:							
19 Remove Sediment in SLD	\$ 50,000		\$ 50,000	100%		\$ - cl	\$ 50,000
Use of Drain:							
20 Operation & Maintenance (PDD)	\$ 158,400	\$ 56,174	\$ 102,226	65%	9/30/23	\$ 158,400	\$ 95,000
Biological Monitoring:							
21 Pacific Eco Risk	\$ 100,000	\$ 62,217	\$ 37,783	38%	10/31/23	\$ 100,000 cl	\$ 100,000
22 HT Harvey-SJRIP Egg Monitoring	\$ 100,000	\$ 51,370	\$ 48,630	49%	10/23/23	\$ 100,000 cl	\$ 100,000
23 Fish Biologist - Splittail/Sturgeon	\$ 50,000	\$ 30,032	\$ 19,968	40%	10/23/23	\$ 50,000 A	\$ 15,000
Groundwater WDR Specific:							
24 Membership Enrollment/List (Summers)	\$ 115,830	\$ 16,650	\$ 99,180	86%	10/31/23	\$ 115,830 A	\$ 102,300
25 Farm Evaluation Plan (Summers)	\$ 23,100	\$ 8,360	\$ 14,740	64%	10/23/23	\$ 23,100 A	\$ 45,000
26 NMP Summary Report	\$ 20,915	\$ 5,746	\$ 15,169	73%	11/7/23	\$ 20,915 A	\$ 40,000
27 MPEP Group Workplan	\$ 5,400	\$ 1,406	\$ 3,994	74%	10/12/23	\$ 5,400 A	\$ 5,400
28 Groundwater Protection Formula	\$ 10,000		\$ 10,000	100%		\$ 1,000 cl	\$ 10,000
29 Nitrogen Mangement Zone Planning	\$ 25,000		\$ 25,000	100%		\$ - cl	\$ 250,000
CVSalts Nitrate Compliance							
30 Prioritization and Optimization Study-CVSalts	\$ 10,983	\$ 11,438	\$ (455)	-4%	6/1/23	\$ 12,000 C	\$ 12,600
31 Trend Monit Prgm	\$ 67,600	\$ 51,478	\$ 16,122	24%	9/15/23	\$ 67,600 A	\$ 84,000
32 Develop Web Portal	\$ 5,648	\$ 2,955	\$ 2,693	48%	11/7/23	\$ 5,648 A	\$ 3,500
33 Collect State Board Fee	\$ 126,000		\$ 126,000	100%		\$ 126,000 A	\$ 132,000
34 Annual Monitoring Report (Summers)	\$ 46,200	\$ 8,360	\$ 37,840	82%	10/31/23	\$ 15,000 cl	\$ 35,000
35 CVGMC Data	\$ 2,700	\$ 2,212	\$ 488	18%	11/10/23	\$ 2,700 cl	\$ 3,000
Other:							
General Counsel	\$ 2,896	\$ 4,719	\$ (1,823)	-63%	11/3/23	\$ 6,292 B	\$ 35,000
In-House Staff	\$ 965	\$ 2,056	\$ (1,091)	-113%	11/3/23	\$ 2,741 B	\$ 3,250
Dissolved Oxygen Aerator	\$ -	\$ 4,688	\$ (4,688)	0%	2/28/24	\$ 4,688 C	\$ 6,250
Total Expenditures	\$ 2,078,148	\$ 885,959	\$ 1,268,444	61%		\$ 1,894,325	\$ 2,162,513

Draft 2 VERSION B Full Dues					
DISTRICT	Grassland Bypass Allocation		Groundwater Specific		Total
	Percent	Amount	Percent	Amount	
Camp 13	2.40%	\$ 34,553.11	5.989%	\$ 43,288.49	\$ 77,841.61
Charleston Drainage District	3.29%	\$ 47,366.56	4.674%	\$ 33,783.67	\$ 81,150.23
Firebaugh Canal Water District	17.95%	\$ 258,428.51	26.480%	\$ 191,397.44	\$ 449,825.95
Pacheco Water District	8.67%	\$ 124,823.13	5.701%	\$ 41,206.83	\$ 166,029.96
Panoche Drainage District	67.69%	\$ 974,541.81	49.139%	\$ 355,176.69	\$ 1,329,718.50
SJRIP			6.993%	\$ 50,545.40	\$ 50,545.40
Private Lands not in a district			1.024%	\$ 7,401.47	\$ 7,401.47
TOTALS		\$ 1,439,713.12		\$ 722,800.00	\$ 2,162,513.12
		\$ 1,439,713.12		\$ 722,800.00	

Draft 2 VERSION B Adjusted for Carryover					
DISTRICT	Grassland Bypass Allocation		Groundwater Specific		Total
	Percent	Amount	Percent	Amount	
Camp 13	2.40%	\$ 30,141.37	5.989%	\$ 43,288.49	\$ 73,429.86
Charleston Drainage District	3.29%	\$ 41,318.80	4.674%	\$ 33,783.67	\$ 75,102.47
Firebaugh Canal Water District	17.95%	\$ 225,432.34	26.480%	\$ 191,397.44	\$ 416,829.78
Pacheco Water District	8.67%	\$ 108,885.70	5.701%	\$ 41,206.83	\$ 150,092.53
Panoche Drainage District	67.69%	\$ 850,112.25	49.139%	\$ 355,176.69	\$ 1,205,288.94
SJRIP			6.993%	\$ 50,545.40	\$ 50,545.40
Private Lands not in a district			1.024%	\$ 7,401.47	\$ 7,401.47
TOTALS		\$ 1,255,890.45		\$ 722,800.00	
		\$ 1,255,890.45		\$ 722,800.00	

Legend

-  Channels cleaned of drainwater by the GBP
- Channels Containing Drainage**
 -  Grassland Bypass Channel
 -  San Luis Drain
 -  Mud Slough (N)
-  GDA+2019_Exp
-  Wetlands and Refuges



0 2.5 5 10 Miles

NAD 83 Datum - Calif. State Plane

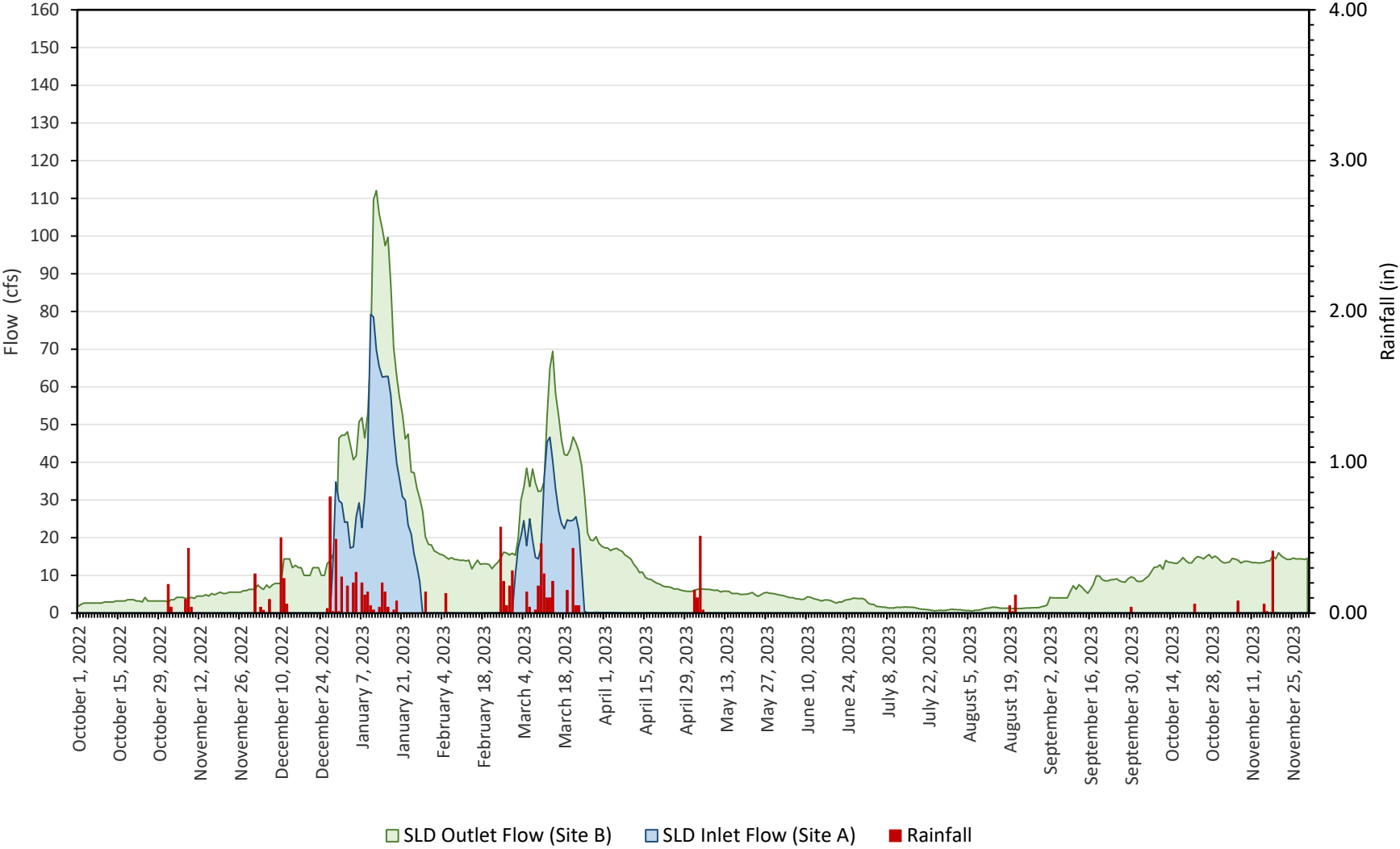
Source of Layers:
 Wetland & Refuge Boundaries: Summers Engineering, 2011.
 Grassland Drainage Area Boundary: Summers Engineering, 2019
 Roads, Highways, Urban Areas: ESRI Data Layers, 2010
 Hydrology: ESRI Data Layers, updated 2019
 SJRIP Boundary: Summers Engineering, 2014

Document Path: G:\data\ARCVIEW\MAPS\GBPI\LR\GBP Basemap+Monitoring.mxd

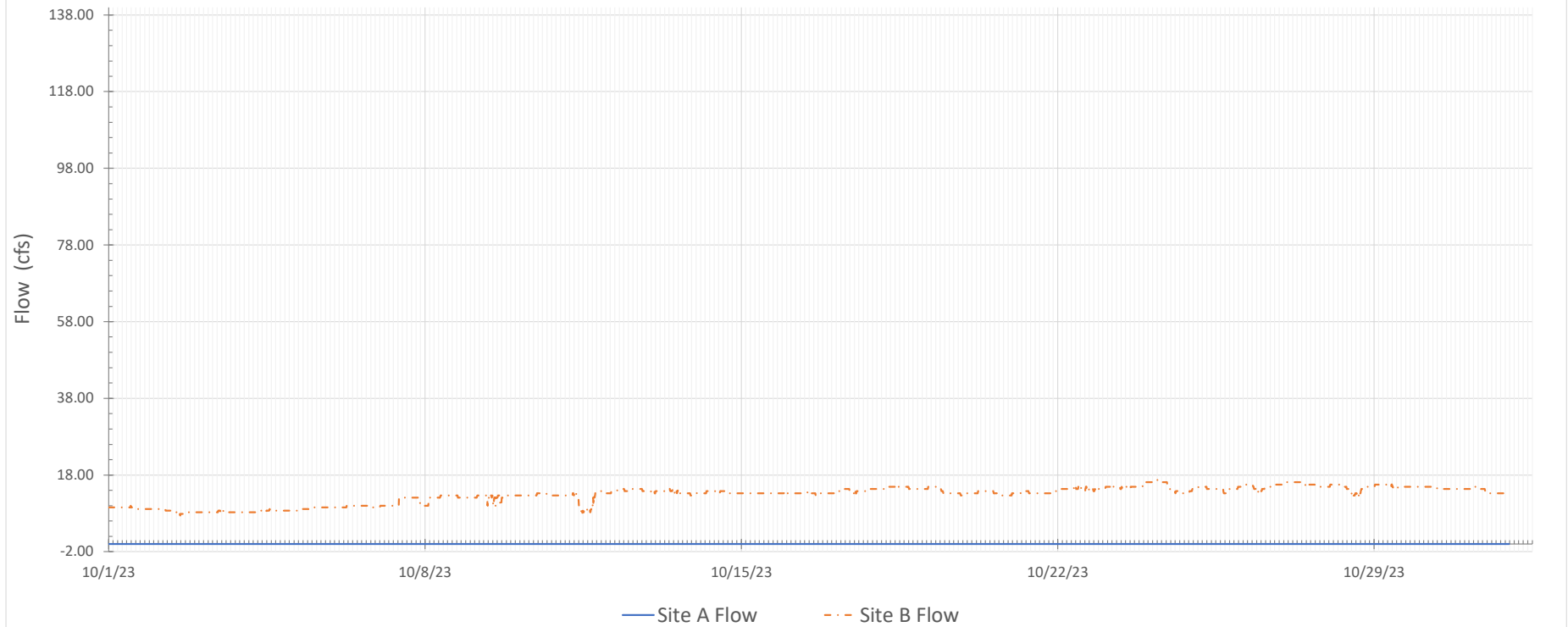
Grassland Bypass Project Location Map

Prepared by:
 Summers Engineering, Inc.
 Consulting Engineers
 Hanford California

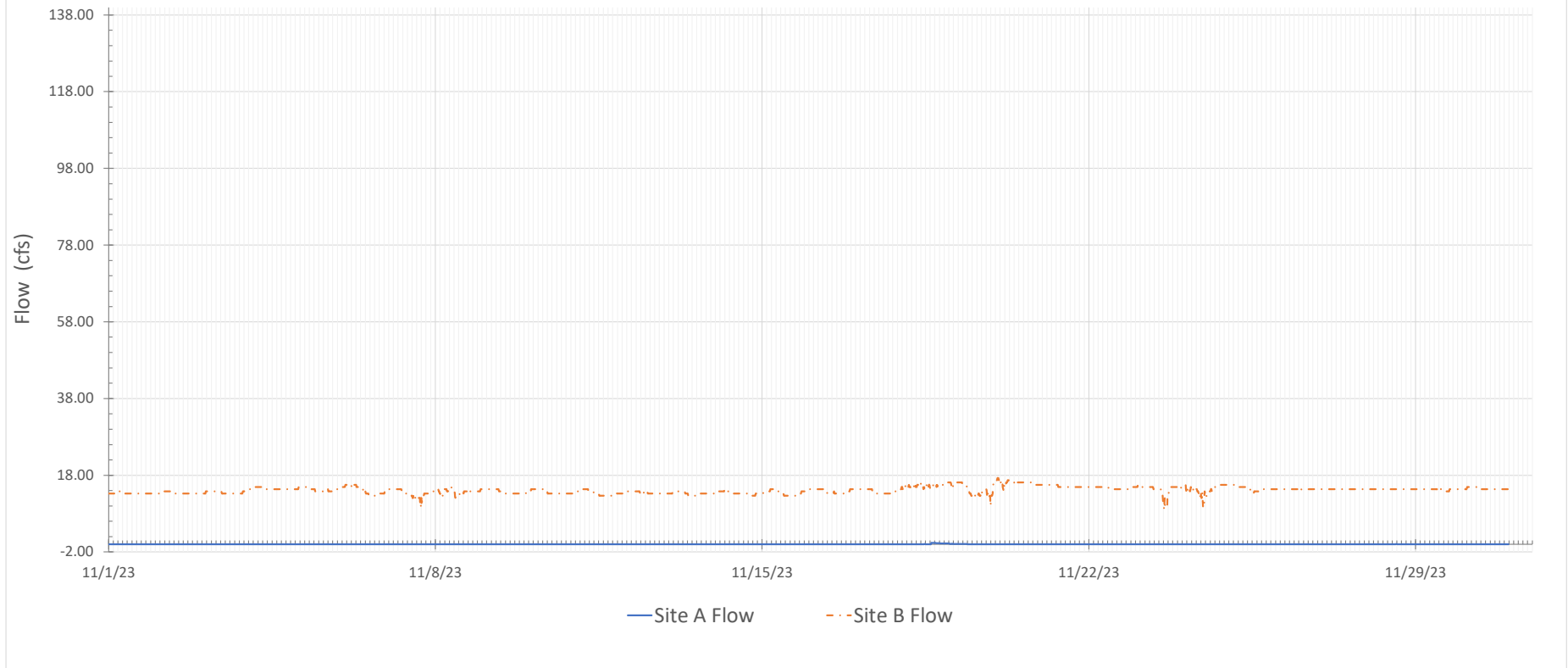
Grassland Bypass Project - Site A & B Discharge & Rainfall



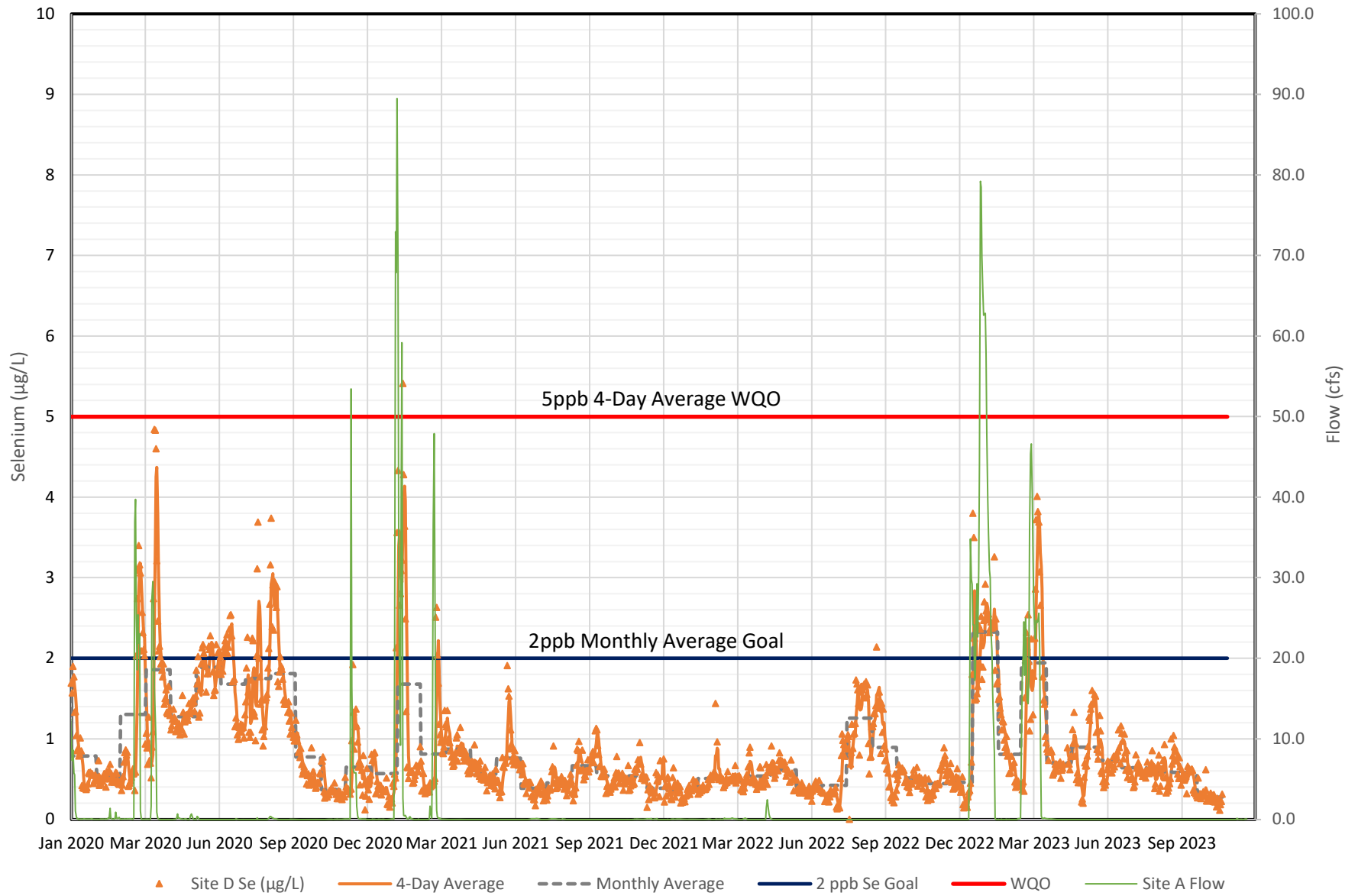
Site A & B Flow Oct 2023



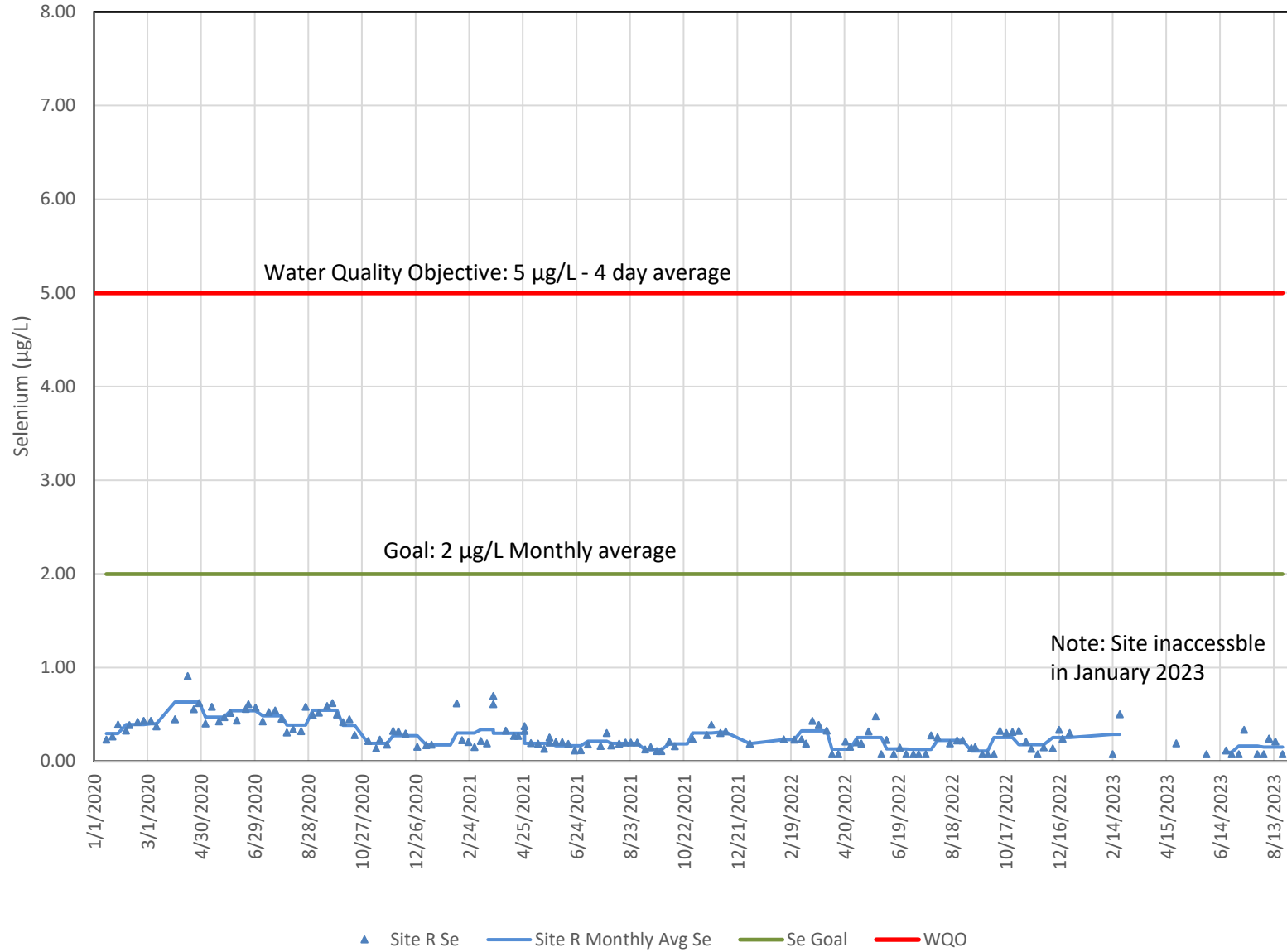
Site A & B Flow
Nov 2023



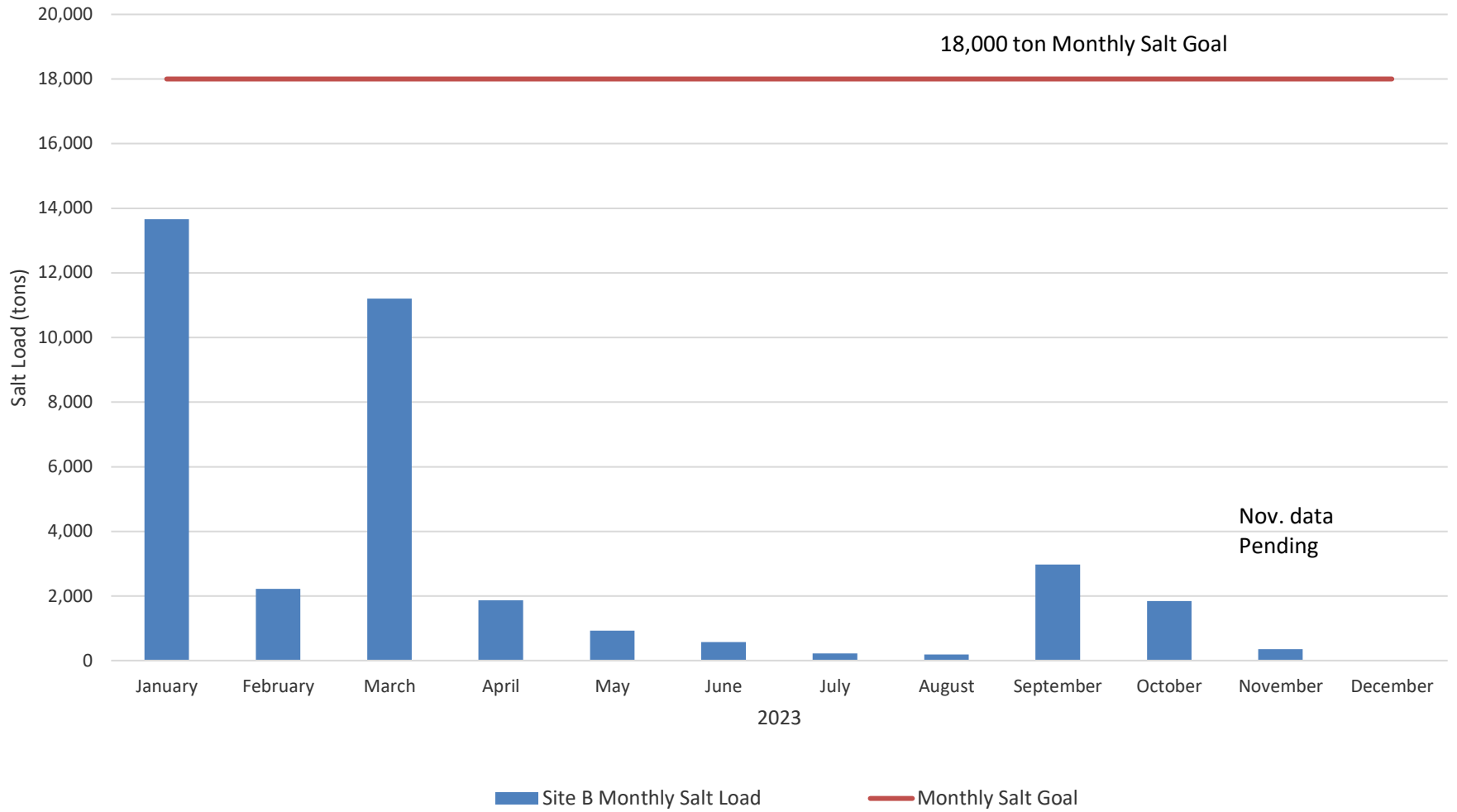
Mud Slough Selenium January 2020 - September 2023



Site R - San Joaquin River downstream of Mud Slough - Selenium Concentrations



San Luis Drain Site B Monthly Salt Load





Chris Linneman
Summers Engineering, Inc.
887 N. Irwin Street
Hanford, CA 93230

October 23, 2023

Chris:

I have enclosed our report “Evaluation of the Toxicity of Grasslands Bypass Project Ambient Water Samples: Event 102” for the samples that were collected September 28, 2023. The results of this testing are summarized below.

Toxicity summary for Grasslands Bypass Project ambient water and sediment samples.			
Sample Station	Toxicity relative to the Lab Control treatment?		
	<i>Selenastrum capricornutum</i>	<i>Daphnia magna</i>	Fathead Minnow
	Growth	Survival	Survival
Site D	No	No	No
Site B3	No	No	No
Site F	No	No	No
Site R	No	No	No

Chronic Toxicity of Grasslands Bypass Project Ambient Water to *Selenastrum capricornutum*

There were **no** significant reductions in algal growth in the Grasslands Bypass Project ambient water samples.

Acute Toxicity of Grasslands Bypass Project Ambient Water to *Daphnia magna*

There were **no** significant reductions in survival in any of the Grasslands Bypass Project ambient water samples.

Acute Toxicity of Grasslands Bypass Project Ambient Water to Fathead Minnows

There were **no** significant reductions in survival in the Grasslands Bypass Project ambient water samples.



Chris Linneman
Summers Engineering, Inc.
887 N. Irwin Street
Hanford, CA 93230

November 9, 2023

Chris:

I have enclosed our report “Evaluation of the Toxicity of Grasslands Bypass Project Ambient Water and Sediment Samples: Event 103” for the samples that were collected October 18, 2023. The results of this testing are summarized below.

Toxicity summary for Grasslands Bypass Project ambient water and sediment samples.				
Sample Station	Toxicity relative to the Lab Control treatment?			
	<i>Selenastrum capricornutum</i>	<i>Daphnia magna</i>	Fathead Minnow	<i>Hyaella azteca</i>
	Growth	Survival	Survival	Survival
Site D	No	No	No	No

Chronic Toxicity of Grasslands Bypass Project Ambient Water to *Selenastrum capricornutum*

There was **no** significant reduction in algal growth in the Grasslands Bypass Project ambient water sample.

Acute Toxicity of Grasslands Bypass Project Ambient Water to *Daphnia magna*

There were **no** significant reductions in survival in any of the Grasslands Bypass Project ambient water sample.

Acute Toxicity of Grasslands Bypass Project Ambient Water to Fathead Minnows

There was **no** significant reductions in survival in the Grasslands Bypass Project ambient water sample.

Acute Toxicity of Grasslands Bypass Ambient Sediment to *Hyaella azteca*

There was **no** significant reduction in survival in the Site D sediment tested with *H. azteca*.



Chris Linneman
Summers Engineering, Inc.
887 N. Irwin Street
Hanford, CA 93230

December 12, 2023

Chris:

I have enclosed our report “Evaluation of the Toxicity of Grasslands Bypass Project Ambient Water Samples: Event 104” for the samples that were collected November 14, 2023. The results of this testing are summarized below.

Toxicity summary for Grasslands Bypass Project ambient water and sediment samples.			
Sample Station	Toxicity relative to the Lab Control treatment?		
	<i>Selenastrum capricornutum</i>	<i>Daphnia magna</i>	Fathead Minnow
	Growth	Survival	Survival
Site D	No	No	No
Site B3	No	No	No
Site F	No	No	No
Site R	No	No	No

Chronic Toxicity of Grasslands Bypass Project Ambient Water to *Selenastrum capricornutum*

There were **no** significant reductions in algal growth in the Grasslands Bypass Project ambient water samples.

Acute Toxicity of Grasslands Bypass Project Ambient Water to *Daphnia magna*

There were **no** significant reductions in survival in any of the Grasslands Bypass Project ambient water samples.

Acute Toxicity of Grasslands Bypass Project Ambient Water to Fathead Minnows

There were **no** significant reductions in survival in the Grasslands Bypass Project ambient water samples.