



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

Friday, October 20, 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 August 18, 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 WATER AUTHORITY
MINUTES-GRASSLAND BASIN STEERING COMMITTEE TELEPHONIC
MEETING - AUGUST 18, 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

Firebaugh Canal Water District

Jeff Bryant, Alternate Member

Pacheco Water District

David Parreira, Member

Panoche Drainage District

Mike Linneman, Member

SLDMWA Staff Present

Rebeca Harms, Deputy Executive General Counsel

Joe McGahan, Drainage Coordinator

Diane Rathmann, Linneman Law Firm– Via Telephonic

Lauren Viers, Staff Accountant III

Others Present

Chris Linneman, Summers Engineering

Palmer McCoy, Grassland Basin Authority

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 Approval of May 19, 2023 Meeting Minutes

After review of the May 19, 2023 Grassland Basin Drainage Steering Committee (GBDSC) meeting minutes, with one minor edit: Rebeca Harms, Deputy Executive General Counsel was telephonic and not present at the meeting in person. Committee Member David Parreira moved to approve the May 19, 2023 minutes as corrected, the motion was seconded by Committee Member Mike Linneman and passed unanimously.

AYES:

Cory, Hurd, Parreira and Linneman

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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 6/30/23 and noted the budget was trending under. Committee Member Mike Linneman moved to approve the Financial Expenditures Report as presented, the motion was seconded by Committee Member David Parreira and passed unanimously.

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

6. Committee to Discuss and Approve Appointing Chris Linneman as Drainage Coordinator for the Grassland Basin Drainers and the Grassland Drainage Area Coalition

Current Drainage Coordinator Joe McGahan explained he would like to step down as Drainage Coordinator Grassland Basin Drainers and the Grassland Drainage Area Coalition but emphasized he is not retiring. McGahan continued by explaining the need for a Drainage Coordinator to deal with the Regional Board and other Agencies. McGahan referred to his 14 August 2023 memo in today's meeting packet. David Parreira questioned when or if the GBDSC was going to merge with the Grassland Basin Authority. McGahan responded it was still in the discussion phase. Following McGahan and Chris Linneman addressing questions, Committee Member David Parreira moved to appoint Chris Linneman as Drainage Coordinator of the Grassland Basin Drainers and the Grassland Drainage Area Coalition. The motion was seconded by Committee Member Mike Linneman and passed unanimously.

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

7. Committee to Discuss and Consider Approval of Additional Funding to USGS for Panoche Creek Gauging Station

Drainage Coordinator Chris Linneman referred to his 14 August 2023 memo to the Committee in today's meeting packet. Linneman explained he had been contacted by the United States Geological Survey (USGS) to discuss funding for the Panoche Creek Gauging Station. The USGS and the United States Bureau of Reclamation (USBR) have historically funded half of the stations costs with the remainder coming from GBDSC in the amount of \$7,900 annually. The total cost to maintain the station is \$15,800. USGS does have "some" matching funds but they are variable from week to week. Following some discussion on the importance of the site to member agencies,

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Alternate Committee Member Jeff Bryant moved to fund the Panoche Creek Gauging Station in the amount necessary to keep the station operational with no augmentation to the budget. The motion was seconded by Committee Member David Parreira and passed unanimously.

AYES: Cory, Hurd, Parreira and Linneman

NAYS: None

ABSTENTIONS: None

8. Committee to Receive Report on Mud Slough Restoration Project

Chris Linnemann 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 occurring on the subject especially the need for a MOU and permits. Chris Linnemen responded to questions.

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

Chris Linneman reported SCADA towers are under construction along with short-term storage basins and pipelines on the San Joaquin River Water Quality Improvement Project. Linnemen noted electrical parts for projects are nine (9) months out and referred to a map in today's meeting packet illustrating the project and its completion percentage.

10. Grassland Bypass Project Updates

a. Operations Report – Chris Linneman referred to maps detailing all the discharge points for the project. A graph of Sites A and B discharge amounts and rainfall events was reviewed. Site D Mud Slough selenium and flow for March 1, 2022– July 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.

b. **Monitoring Program and Toxicity Data Report** – Chris Linneman presented and the Committee reviewed event 97, 98 and 99; samples collected April 20, May 25 and June 29, 2023. The reports reflected no toxicity. The Committee gave direction to release the Toxicity data.

II. Update on Waste Discharge Requirements for Discharge to Groundwater Water for the Grassland Drainage Area Coalition – Drainage Coordinator Joe McGahan reported he is

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following up on the information from the membership requirements and discussed the work on the Nitrate Control Program Zones.

12. **Reports from District Representatives** – District thanked Joe McGahan for his dedication and service to the GBDSC.

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

14. **Date and Time of Next Meeting**

The next regularly scheduled meeting is September 15, 2023 at 9:30 a.m.

15. **Closed Session**

The Committee convened to a Closed Session at 10:08 a.m.

16. **Return to Open Session**

The Committee returned to Open Session at 10:47 a.m.

17. **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.







18. **Adjournment**

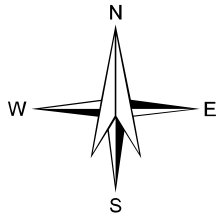
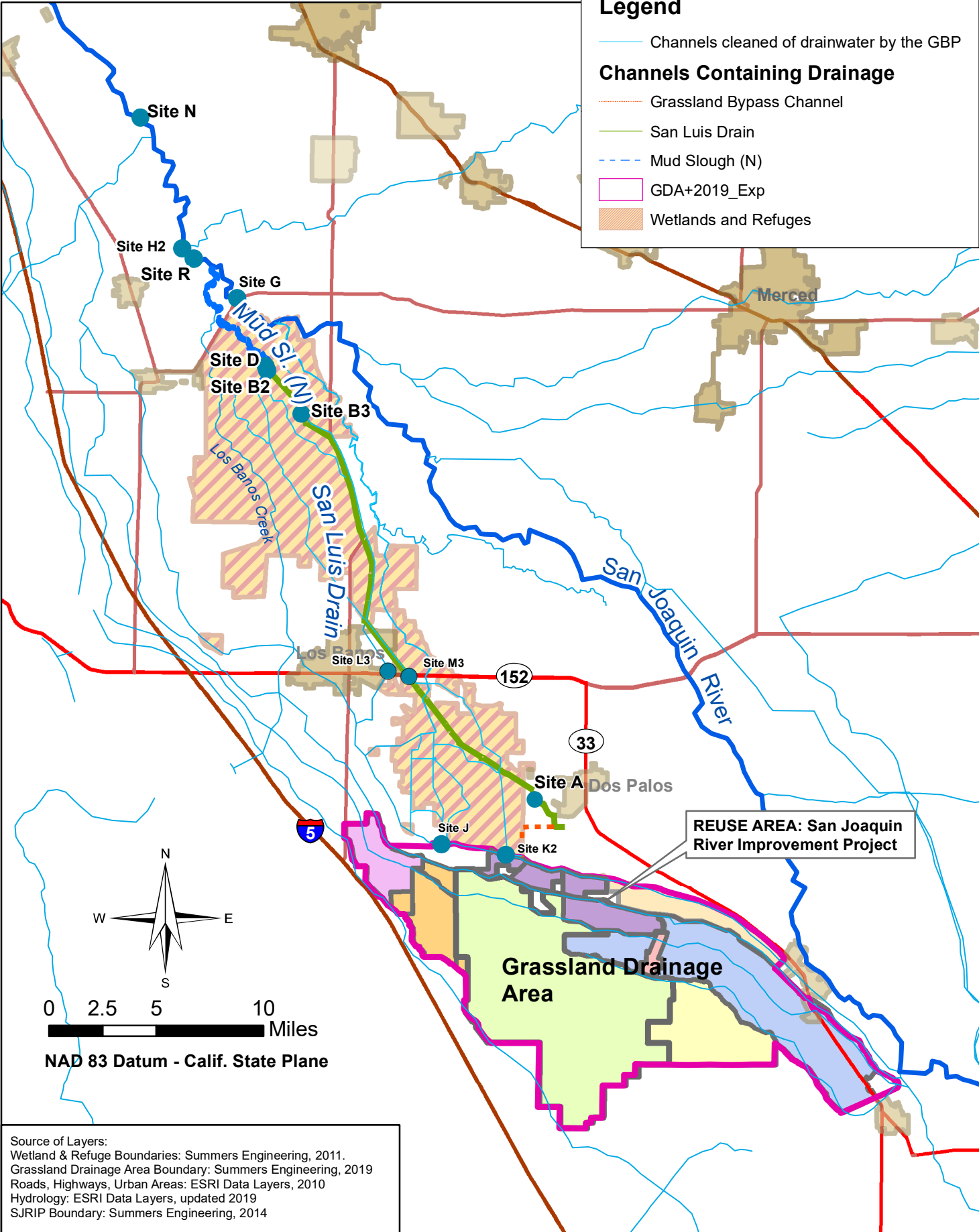
Chairman David Cory adjourned the meeting of the Grassland Basin Drainers Steering Committee at 10:48 a.m.

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

EXPENDITURES	FY 24					FY24	FY25
	Annual Budget	Paid Expense	Amount Remaining	% of Amt Remaining	Expenses Through	Projected Expenses	Draft 1
							58%± of year
Legal:							
Linneman et al	\$ 20,000	\$ 6,062	\$ 13,938	70%		\$ 10,000	\$ 7,500
Pioneer Law Group - CEQA Legal Consultant	\$ 70,000	\$ 13,750	\$ 56,250	80%	8/17/23	\$ 25,000	\$ 25,000
Cotchett, Pitre & McCarthy	\$ 40,000	\$ 974	\$ 39,026	98%	6/14/23	\$ 40,000	\$ 40,000
Kahn, Soares & Conway	\$ 45,000	\$ 2,022	\$ 42,978	96%	8/31/23	\$ 5,000	\$ 25,000
Misc. Legal Support	\$ 10,000		\$ 10,000	100%		\$ -	\$ 10,000
Baker Manock & Jensen	\$ 25,000		\$ 25,000	100%		\$ -	\$ -
GBD Specific:							
Drainage Coordinator (Summers)	\$ 143,000	\$ 57,353	\$ 85,647	60%	8/31/23	\$ 130,000	\$ 145,000
Quality Data Processing/Load Calc (Summers)	\$ 176,255	\$ 60,157	\$ 116,098	66%	7/31/23	\$ 130,000	\$ 130,000
Flow Calculation/Station Maint. (Summers)	\$ 38,500	\$ 54,333	\$ (15,833)	-41%	8/31/23	\$ 90,000	\$ 90,000
Field Coordinator (PDD)	\$ 35,000	\$ 8,692	\$ 26,308	75%	7/31/23	\$ 35,000	\$ 35,000
Real Time Monitoring Equip (PDD)	\$ 10,000	\$ 2,508	\$ 7,492	75%	7/31/23	\$ 5,000	\$ 10,000
Panoche Creek Gauging Station	\$ 7,900	\$ 7,900	\$ -	0%	4/20/23	\$ 7,900	\$ 9,480
Water Quality Monitoring (Reg. Sites)	\$ 243,000	\$ 103,120	\$ 139,880	58%	8/25/23	\$ 243,000	\$ 250,000
Newman Water Costs	\$ 118,856		\$ 118,856	100%		\$ 118,856	\$ 121,233
Restoration of Mud Slough Channel (Newman Lan)	\$ 96,800	\$ 8,870	\$ 87,930	91%	8/31/23	\$ 25,000	\$ 75,000
Waste Discharge Permit Fees	\$ 64,000	\$ 4,688	\$ 59,312	93%	7/11/23	\$ 64,000	\$ 64,000
Drainage Management Plan	\$ 13,200	\$ 21,353	\$ (8,153)	-62%	8/31/23	\$ 23,000	\$ 20,000
SJRIP Monitor Wells		\$ 76,255				\$ 76,255	\$ 5,000
New UA Mud Slough Mitigation:							
Remove Sediment in SLD	\$ 50,000		\$ 50,000	100%		\$ -	\$ 50,000
Use of Drain:							
Operation & Maintenance (PDD)	\$ 158,400	\$ 39,789	\$ 118,611	75%	7/31/23	\$ 158,400	\$ 175,000
Biological Monitoring:							
Biological Monitoring/Mitig Habitat		\$ -	\$ -			\$ -	
Pacific Eco Risk	\$ 100,000	\$ 44,589	\$ 55,411	55%	7/31/23	\$ 100,000	\$ 100,000
HT Harvey-SJRIP Egg Monitoring	\$ 100,000	\$ 49,981	\$ 50,019	50%	8/10/23	\$ 100,000	\$ 120,000
Fish Biologist - Splittail/Sturgeon	\$ 50,000	\$ 13,205	\$ 36,795	74%	8/10/23	\$ 50,000	\$ 50,000
Groundwater WDR Specific:							
Membership Enrollment/List (Summers)	\$ 115,830	\$ 18,466	\$ 97,364	84%	7/31/23	\$ 115,830	\$ 109,045
Farm Evaluation Plan (Summers)	\$ 23,100	\$ 7,199	\$ 15,901	69%	8/31/23	\$ 23,100	\$ 45,000
NMP Summary Report	\$ 20,915	\$ 1,755	\$ 19,160	92%	8/11/23	\$ 20,915	\$ 40,000
MPEP Group Workplan	\$ 5,400	\$ 1,165	\$ 4,235	78%	8/29/23	\$ 5,400	\$ 8,400
Groundwater Protection Formula	\$ 10,000		\$ 10,000	100%		\$ 1,000	\$ 10,000
CVSalts Nitrate Compliance (N Mngt Zones)	\$ 25,000		\$ 25,000	100%		\$ 20,000	\$ 50,000
CVSalts Nitrate Compliance							
Prioritization and Optimization Study-CVSalts	\$ 10,983	\$ 11,438	\$ (455)	-4%	6/1/23	\$ 12,000	\$ 12,000
Trend Monit Prgrm	\$ 67,600	\$ 29,338	\$ 38,262	57%	8/15/23	\$ 67,600	\$ 67,600
Develop Web Portal	\$ 5,648	\$ 2,197	\$ 3,451	61%	8/11/23	\$ 5,648	\$ 6,938
Collect State Board Fee	\$ 126,000		\$ 126,000	100%		\$ 126,000	\$ 126,000
Annual Monitoring Report (Summers)	\$ 46,200	\$ 7,199	\$ 39,001	84%	8/31/23	\$ 15,000	\$ 35,000
CVGMC Data	\$ 2,700	\$ 1,318	\$ 1,382	51%	7/31/23	\$ 2,700	\$ 3,000
Other:							
General Counsel	\$ 2,896	\$ 3,938	\$ (1,042)	-36%	8/31/23	\$ 7,876	\$ 35,000
In-House Staff	\$ 965	\$ 1,625	\$ (660)	-68%	8/31/23	\$ 3,250	\$ 3,000
Dissolved Oxygen Aerator	\$ -	\$ 1,563	\$ (1,563)	0%	8/31/23	\$ 6,250	\$ 6,250
Total Expenditures	\$ 2,078,148	\$ 662,800	\$ 1,491,603	72%		\$ 1,868,980	\$ 2,114,446
GBP Item 3a	\$ 1,618,772					\$ 1,453,787	\$ 1,601,463
Groundwater WDR Specific	\$ 459,376					\$ 415,193	\$ 512,983
Total	\$ 2,078,148					\$ 1,868,980	\$ 2,114,446
FY24 Carryover						\$ 209,168	

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

REUSE AREA: San Joaquin River Improvement Project

Grassland Drainage Area

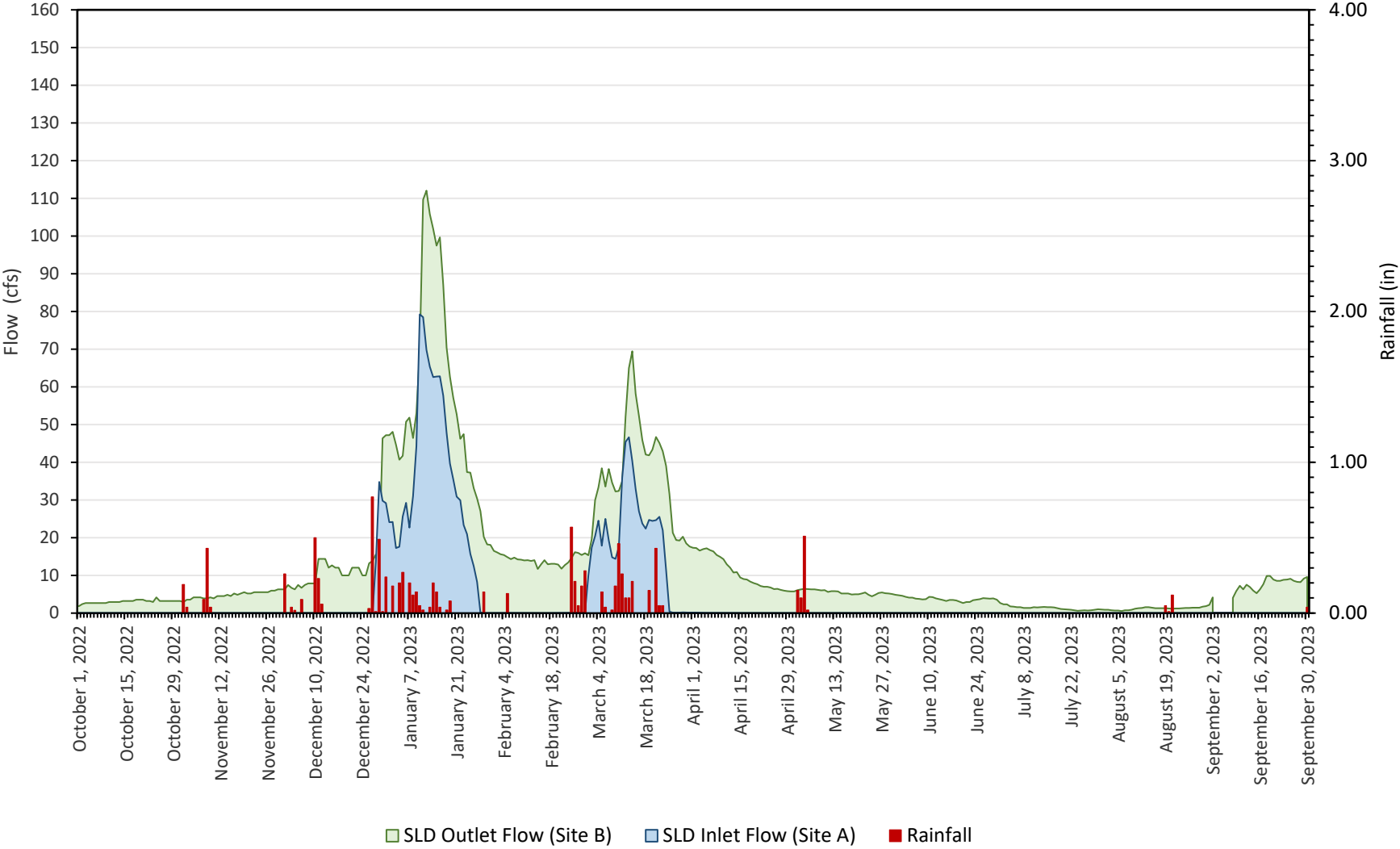
Source of Layers:
 Wetland & Refuge Boundaries: Summers Engineering, 2011.
 Grassland Drainage Area Boundary: Summers Engineering, 2019
 Roads, Highways, Urban Areas: ESRI Data Layers, 2010
 Hydrology: ESRI Data Layers, updated 2019
 SJRIP Boundary: Summers Engineering, 2014

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

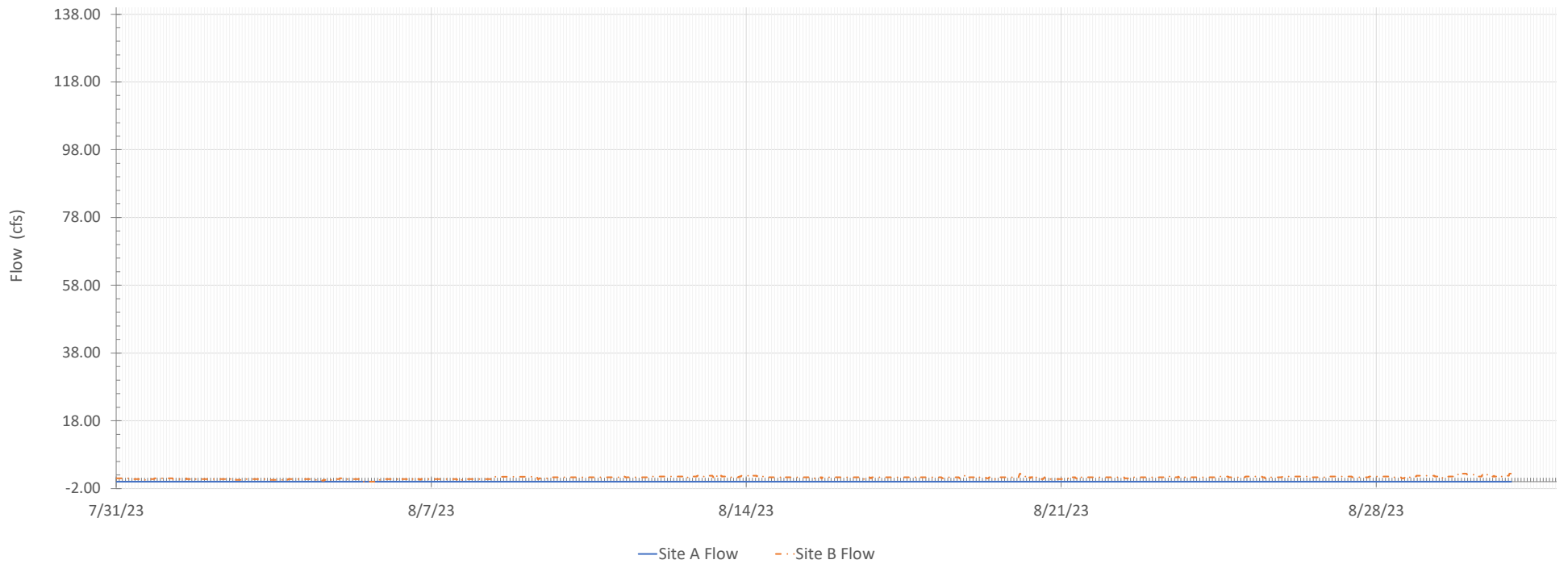
Grassland Bypass Project Location Map

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

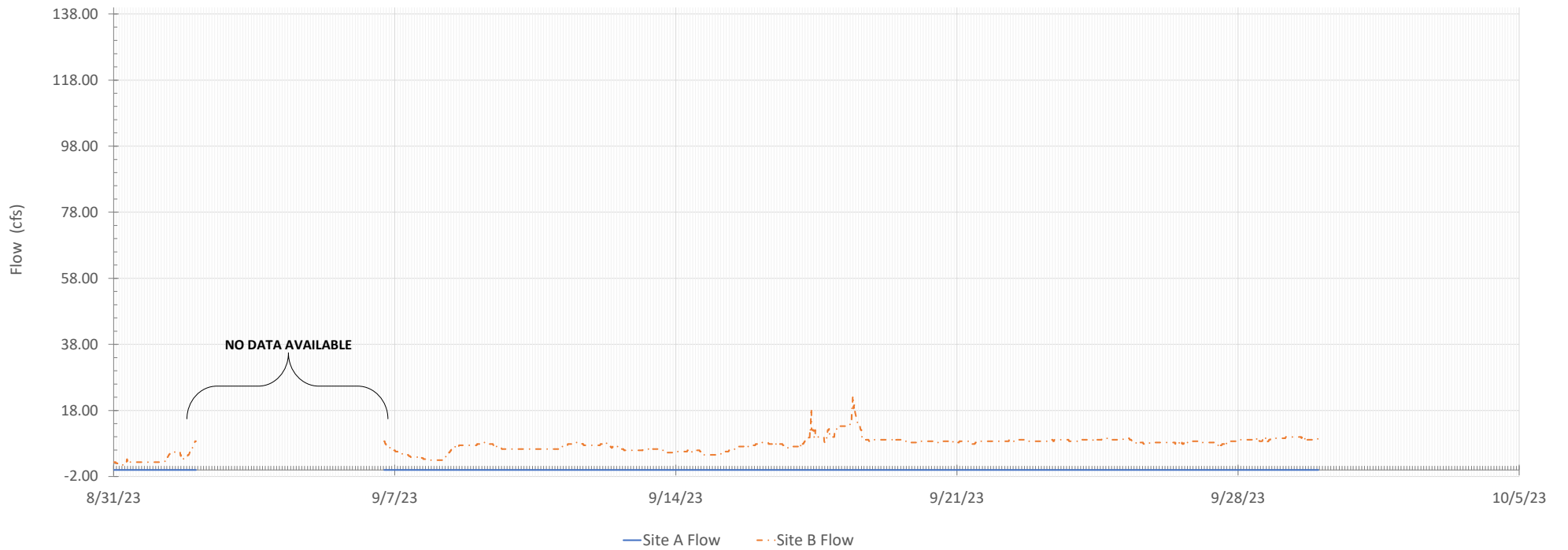
Grassland Bypass Project - Site A & B Discharge & Rainfall



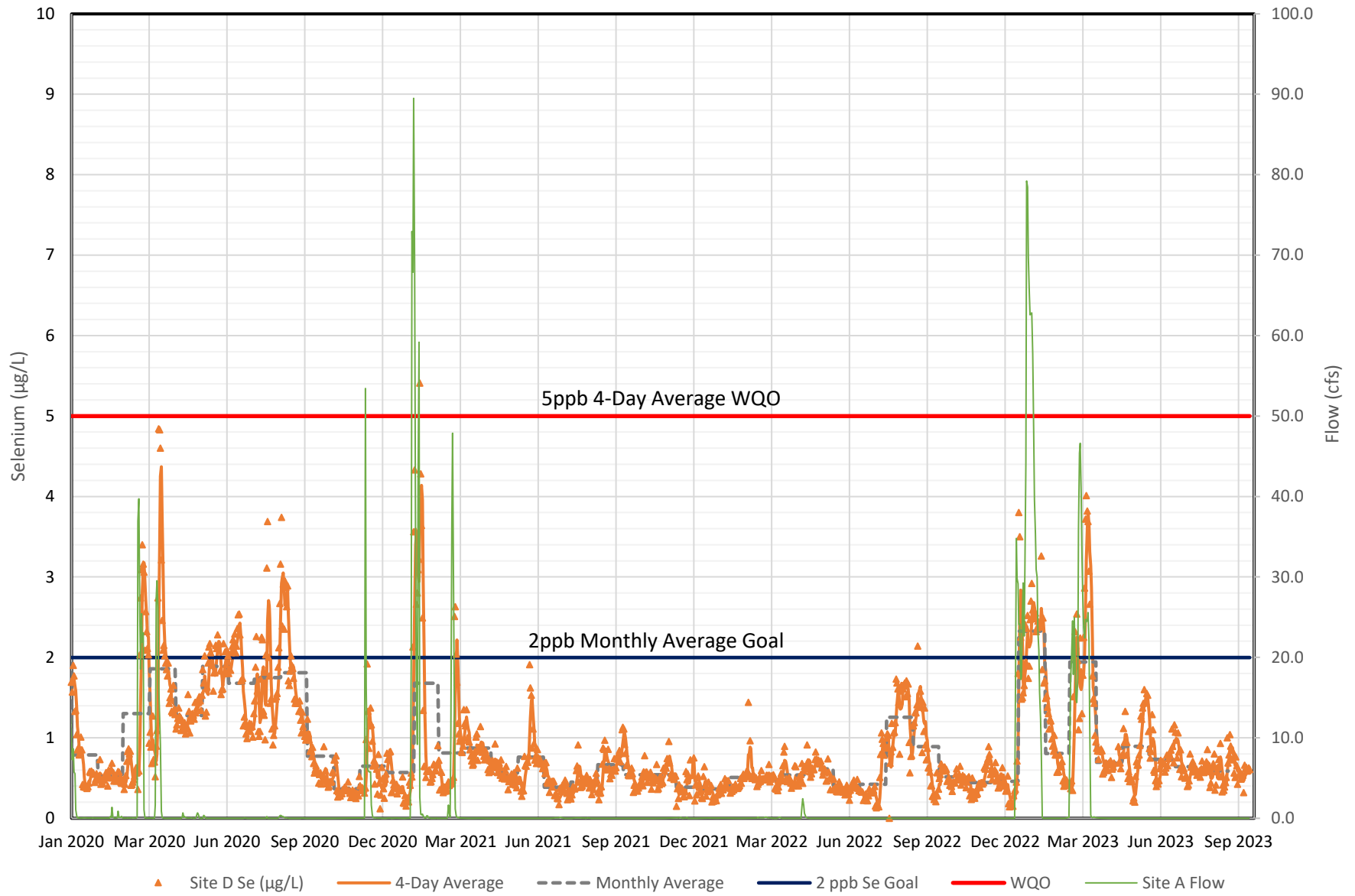
Site A & B Flow
August 2023



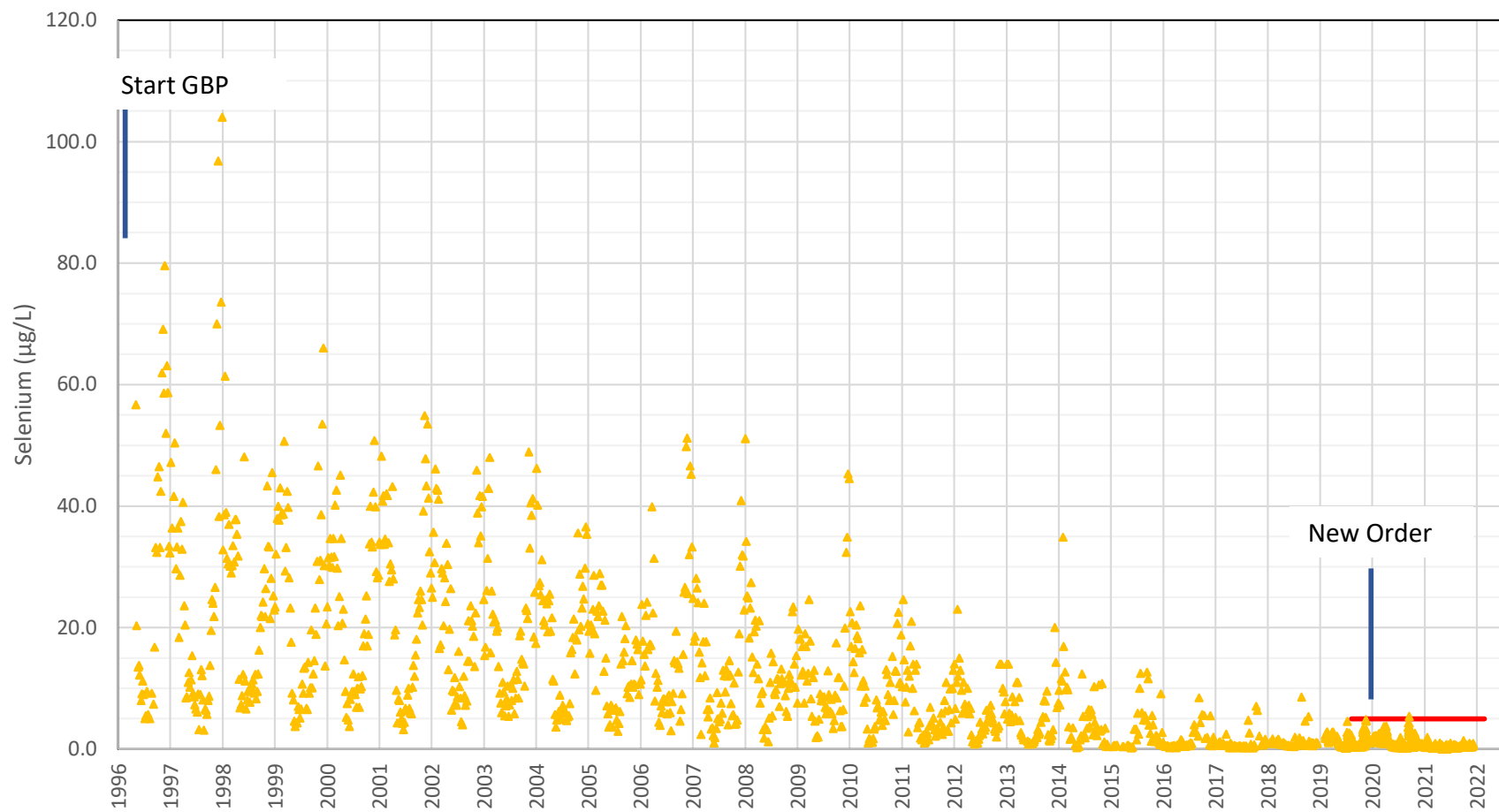
Site A & B Flow September 2023



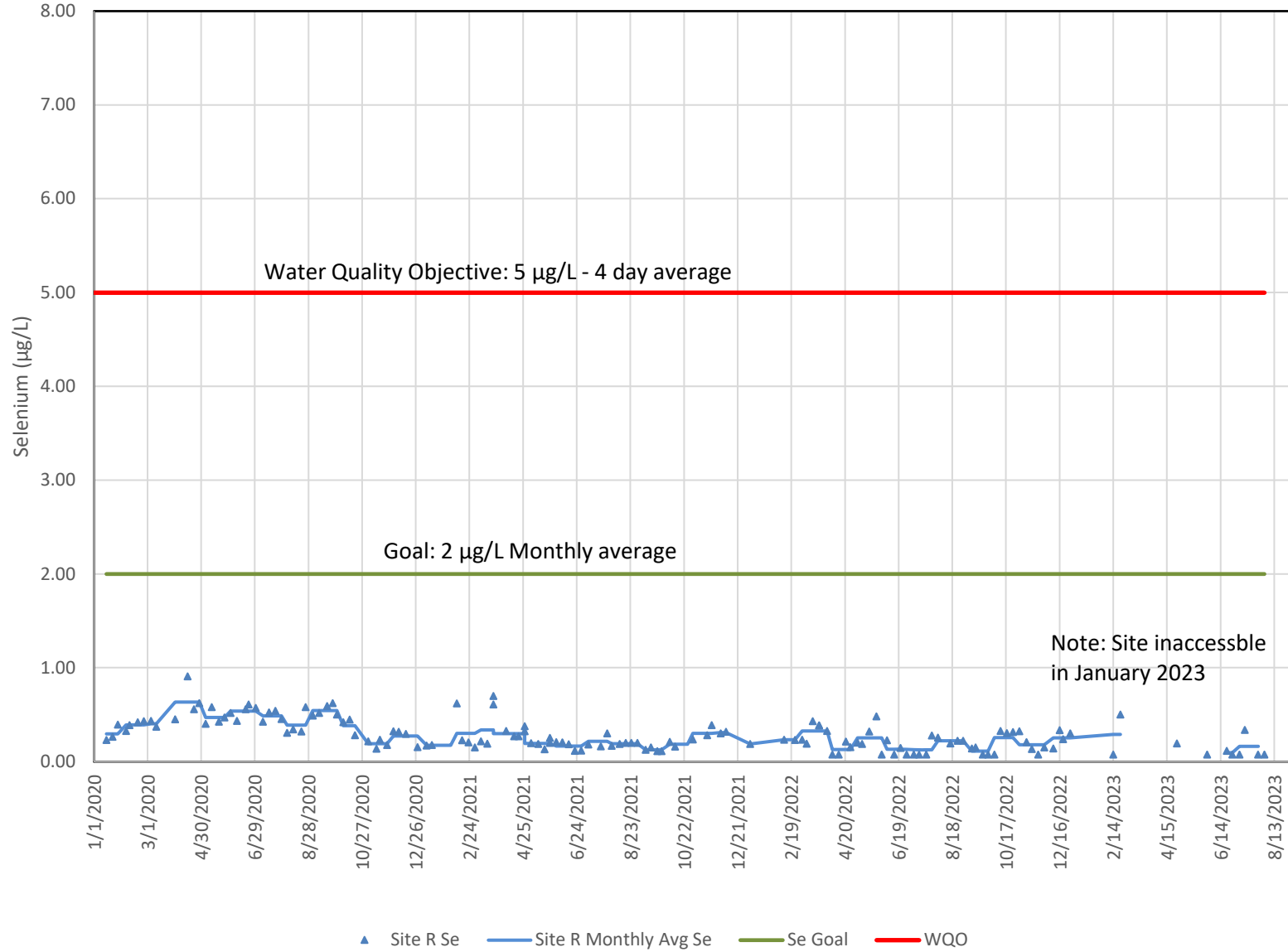
Mud Slough Selenium January 2020 - September 2023



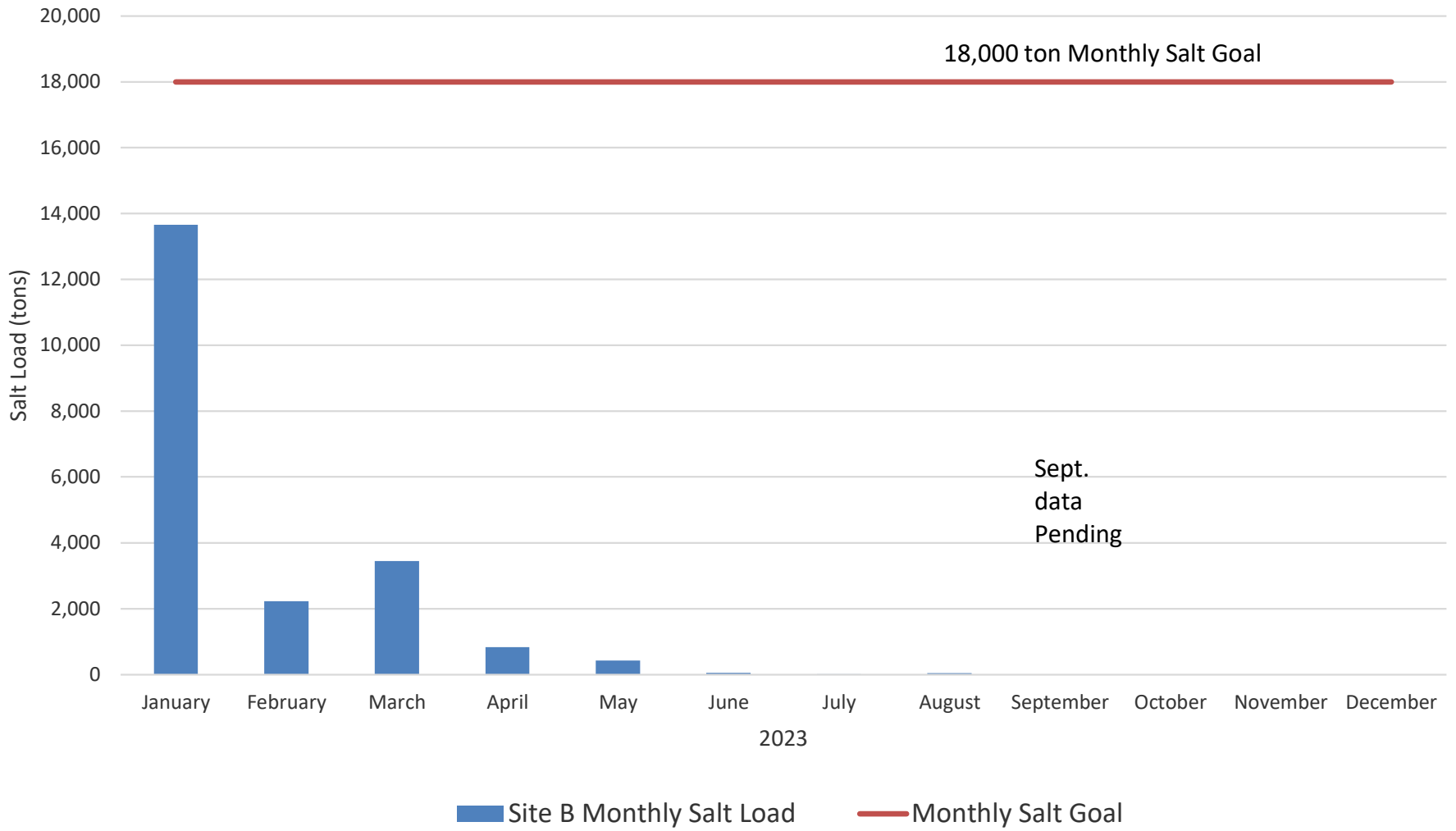
Site D (Mud Sl. d/s of the SLD): Historic Selenium



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



San Luis Drain Site B Salt Monthly Load





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

August 21, 2023

Chris:

I have enclosed our report “Evaluation of the Toxicity of Grasslands Bypass Project Ambient Water Sample: Event 100” for the sample that was collected July 27, 2023. The results of this testing are summarized below.

Toxicity summary for Grasslands Bypass Project ambient water 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

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

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

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

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

Acute Toxicity of Grasslands Bypass Project Ambient Waters to Fathead Minnows

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



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

September 26, 2023

Chris:

I have enclosed our report “Evaluation of the Toxicity of Grasslands Bypass Project Ambient Water Sample: Event 101” for the sample that was collected August 24, 2023. The results of this testing are summarized below.

Toxicity summary for Grasslands Bypass Project ambient water 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

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

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

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

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

Acute Toxicity of Grasslands Bypass Project Ambient Waters to Fathead Minnows

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