

SUMMERS ENGINEERING

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MEMORANDUM

TO: Grassland Basin Drainage Steering Committee

FROM: Chris Linneman

DATE: August 14, 2023

SUBJECT: Additional Funding for Panoche/Silver Creek Gauging Station

I spoke with Ben Glass of USGS today regarding the costs associated with operating the Panoche/Silver Creek flow monitoring station. Historically the GDA has funded ½ the cost at \$7900 per year. The remaining half has come either from USBR or USGS. USBR has apparently dropped the site and USGS cannot cover the remaining. They are asking us to fully fund the site at a total cost of \$15,800 per year. That said, they have “matching funds” available that could potentially cover up to \$6000 of that cost (which is most of the 2nd half of the cost). Those matching funds are highly variable and change from week to week.

I asked Ben at USGS to provide a draft agreement with the new cost, which will be summarized at the Aug 18 GBD meeting with intent of requesting getting approval. Additional costs can be taken from reserves and other budget item shortfalls and no change in GBD budget is required.

Panoche/Silver creek can be a very important site during storm events and I think it is worth the continued monitoring. During the 2022/23 storm events, flows from Panoche/Silver Creek reached several thousand cfs for short periods and had significant impacts on the GBP management decisions.

8/14/2023

USGS Contact:

Ben Glass

5-Year Joint Funding Agreement

WYs 2024 - 2028

October 1, 2023 - September 30, 2028

Agreement # 24ZGJFA06000043

San Luis and Delta-Mendota Water Authority

Mr. Federico Barajas, Executive Director

Post Office Box 1122

Hanford, California 93232

c/o Mr. Joseph C. McGahan

jmcgahan@summerseng.com

Program Total = \$79,820

USGS CMF Total = \$31,600

Cooperator Total = \$48,220

WY2024

Type	Station Number	Station Name	Activity	Activity Cost	USGS Funds	Cooperator Funds
SW	11255575	Panoche Creek at I-5 near Silver Creek	Streamflow, seasonal	\$ 15,800	\$ 6,320	\$ 9,480

WY2025

Type	Station Number	Station Name	Activity	Activity Cost	USGS Funds	Cooperator Funds
SW	11255575	Panoche Creek at I-5 near Silver Creek	Streamflow, seasonal	\$ 15,800	\$ 6,320	\$ 9,480

WY2026

Type	Station Number	Station Name	Activity	Activity Cost	USGS Funds	Cooperator Funds
SW	11255575	Panoche Creek at I-5 near Silver Creek	Streamflow, seasonal	\$ 15,800	\$ 6,320	\$ 9,480

WY2027

Type	Station Number	Station Name	Activity	Activity Cost	USGS Funds	Cooperator Funds
SW	11255575	Panoche Creek at I-5 near Silver Creek	Streamflow, seasonal	\$ 16,050	\$ 6,320	\$ 9,730

WY2028

Type	Station Number	Station Name	Activity	Activity Cost	USGS Funds	Cooperator Funds
SW	11255575	Panoche Creek at I-5 near Silver Creek	Streamflow, seasonal	\$ 16,370	\$ 6,320	\$ 10,050