

TSb - Comparison of Annual Budgets

GSA s	2021		2022	
	Total GSA Shared Fund Contribution	Total Funding	Total GSA Shared Fund Contribution	Total Funding
Byron-Bethany Irrigation District	\$30,532	\$33,256	\$24,829	\$27,538
BBID (Alameda County)	\$2,724		\$2,709	
Banta-Carbona Irrigation District	\$21,741	\$21,741	\$19,906	\$19,906
City of Lathrop	\$46,745	\$46,745	\$33,006	\$33,006
City of Tracy	\$41,755	\$41,755	\$60,488	\$60,488
Stewart Tract	\$5,483	\$5,483	\$8,041	\$8,041
County of San Joaquin (Zone 2)		\$85,000		\$85,000
Total	\$148,980	\$233,980	\$148,980	\$233,980

Tracy Subbasin GSP 5-Year Implementation Revenue (Non-Delta Management Area)

Revision Date: 10-1-21

Data				
GSA	Acres (Total Subbasin)	Acres (non- Delta)	Population (2015 ACS and DOF)	Groundwater Pumping 2013- 2015 (AFY)
Byron-Bethany Irrigation District	22,384	15,798	21,440	1241
BBID (Alameda County)		6,586	417	0
Banta-Carbona Irrigation District	16,657	16,657	1,854	950
City of Lathrop	7,655	7,655	14,661	3,204
City of Tracy	16,541	16,541	85,707	519
Stewart Tract	6,072	6,072	6,135	0
County of San Joaquin (Zone 2)	169,271	49,298	25,734	6,000
Total	238,580	118,607	155,949	11,914
Total Acres (Zone 2 only, not including County)		62,723		

Table B-2
Tracy Subbasin GSP 5-Year Implementation Revenue (Non-Delta Management Area)
Revision Date: 10-1-21

	Editable Percents 0.6 0.2 0.2				Max Zone 2 Revenue \$85,000		
GSA's	Based on Net Groundwater Pumping	Based on Acreage	Based on Population	Subtotal	Zone 2 County Funded Credit	Total GSA Shared Fund Contribution	Total Funding
Byron-Bethany Irrigation District	\$14,623	\$6,233	\$6,434	\$27,290	(\$3,242)	\$30,532	\$33,256
BBID (Alameda County)	\$0	\$2,598	\$125	\$2,724		\$2,724	
Banta-Carbona Irrigation District	\$11,194	\$6,572	\$556	\$18,323	(\$3,419)	\$21,741	\$21,741
City of Lathrop	\$37,754	\$3,020	\$4,399	\$45,174	(\$1,571)	\$46,745	\$46,745
City of Tracy	\$6,116	\$6,526	\$25,718	\$38,360	(\$3,395)	\$41,755	\$41,755
Stewart Tract	\$0	\$2,396	\$1,841	\$4,237	(\$1,246)	\$5,483	\$5,483
County of San Joaquin (Zone 2)	\$70,701	\$19,450	\$7,722	\$97,873	\$97,873		\$85,000
Total	\$140,388	\$46,796	\$46,796	\$233,980	\$85,000	\$148,980	\$233,980
					\$85,000	\$148,980	\$233,980

Table ES-1 Tracy Subbasin Non-Delta Management Area Water Use

GSA Area	In Acre-Feet				
	Groundwater Pumping	Groundwater Recharge	Surface Water	Recycled Water	Total
BBID	894	---	34,583	---	35,477
BCID	775	---	40,090	---	40,865
City of Lathrop	4,434	248	2,812	551	8,045
City of Tracy	4,040	377	17,232	---	21,649
San Joaquin County	20,315	---	26,346	---	46,661
Stewart Tract	---	---	1,700	48	1,748
Total	30,459	625	122,763	599	154,445
Percent	20%	0.4%	79%	0.4%	

Rounded

GSA Area	In Acre-Feet				
	Groundwater Pumping	Groundwater Recharge	Surface Water	Recycled Water	Total
BBID	900	---	34,600	---	35,500
BCID	800	---	40,100	---	40,900
City of Lathrop	4,400	200	2,800	600	8,000
City of Tracy	4,000	400	17,200	---	21,600
San Joaquin County	20,000	---	26,000	---	46,000
Stewart Tract	---	---	1,700	0	1,700
Total	30,100	600	122,400	600	153,700
Percent	19%	0.4%	80%	0.4%	

Tracy Subbasin GSP 5-Year Implementation Revenue (Non-Delta Management Area)

Revision Date: Revision Date: 4-19-22

Data				
GSA	Acres (Total Subbasin)	Acres (non- Delta)	Population (2020 ACS and DOF 2021)	Groundwater Pumping WY 2021 (AFY)
Byron-Bethany Irrigation District	22,384	15,798	30,992	894
BBID (Alameda County)		6,586	299	0
Banta-Carbona Irrigation District	16,657	16,657	3,559	775
City of Lathrop	7,655	7,655	19,952	4,434
City of Tracy	16,541	16,541	98,601	4,040
Stewart Tract	6,072	6,072	8,551	0
County of San Joaquin (Zone 2)	169,271	49,298	17,609	20,315
Total	238,580	118,607	179,563	30,458
Total Acres (Zone 2 only, not including County)		62,723		

Table B-2
Tracy Subbasin GSP 5-Year Implementation Revenue (Non-Delta Management Area)
Revision Date: 4-19-22

	Editable Percents 0.6 0.2 0.2				Max Zone 2 Revenue \$85,000		
GSA's	Based on Net Groundwater Pumping	Based on Acreage	Based on Population	Subtotal	Zone 2 County Funded Credit	Total GSA Shared Fund Contribution	Total Funding
Byron-Bethany Irrigation District	\$4,121	\$6,233	\$8,077	\$18,431	(\$8,230)	\$26,661	\$29,337
BBID (Alameda County)	\$0	\$2,598	\$78	\$2,676		\$2,676	
Banta-Carbona Irrigation District	\$3,572	\$6,572	\$928	\$11,072	(\$8,678)	\$19,749	\$19,749
City of Lathrop	\$20,437	\$3,020	\$5,200	\$28,657	(\$3,988)	\$32,645	\$32,645
City of Tracy	\$18,621	\$6,526	\$25,696	\$50,844	(\$8,617)	\$59,461	\$59,461
Stewart Tract	\$0	\$2,396	\$2,228	\$4,624	(\$3,163)	\$7,787	\$7,787
County of San Joaquin (Zone 2)	\$93,637	\$19,450	\$4,589	\$117,676	\$117,676		\$85,000
Total	\$140,388	\$46,796	\$46,796	\$233,980	\$85,000	\$148,980	\$233,980

Table B-1 TSb GSP Implementation Fiscal Budgets

Description	Local	Shared GSA	DWR Services/Grant Funded/TSS	2022	2023	2024	2025	2026
EXPENSES								
Regulatory Requirements								
Monthly Groundwater Level Monitoring								
San Joaquin County (4 wells monthly)	X			\$11,520	\$11,520	\$11,520	\$11,520	\$11,520
BBID (3 well monthly)	X			\$8,640	\$8,640	\$8,640	\$8,640	\$8,640
BCID (2 new well, monthly)	X			\$2,880	\$2,880	\$2,880	\$2,880	\$2,880
City of Tracy (5 wells monthly)	X			\$14,400	\$14,400	\$14,400	\$14,400	\$14,400
City of Lathrop (no wells)	X			\$0	\$0	\$0	\$0	\$0
Regulatory Compliance (9 wells quarterly)	X							
DWR (6 wells quarterly)			X	\$2,880	\$2,880	\$2,880	\$2,880	\$2,880
Annual Water Quality Monitoring	X							
PWS Wells:	X							
City of Tracy (4 wells)	X			\$1,460	\$1,460	\$1,460	\$1,460	\$1,460
City of Lathrop (1 well)	X			\$365	\$365	\$365	\$365	\$365
IRLP Wells (2 wells)	X			\$0	\$0	\$0	\$0	\$0
Annual Reports		X		\$70,000	\$50,000	\$50,000	\$50,000	\$50,000
GSP Revisions (DWR comments)		X				\$10,000		
5-Year GSP Update		X	X					\$100,000
Modeling		X	X			\$100,000	\$100,000	\$100,000
DMS maintenance	X	X		\$20,000	\$20,000	\$20,000	\$20,000	\$10,000
Data Gaps:		X		\$15,000				
New Monitoring Wells:								
MW-101 (Tracy)	X		X	\$5,000				
MW-102 (County)	X		X	\$5,000				
MW-201 (BBID)	X		X	\$5,000				
MW-202 (BBID/Mtn House)	X		X	\$5,000				
MW-203 (BCID)	X		X	\$5,000				
MW-204 (County)	X		X	\$5,000				
GDE Assessment		X				\$30,000		
Program Management and Administrative Expenses								
Quarterly TSb Tech Coordination Meetings (4)								
Public Outreach		X		\$500	\$500	\$500	\$500	\$500
Hydrographs+ MT and MO (22)		X		\$6,600	\$6,600	\$6,600	\$6,600	\$6,600
Water quality		X		\$500	\$500	\$500	\$500	\$500
Progress Towards Filling Data Gaps		X		\$500	\$500	\$500	\$500	\$500
Progress Towards Projects and Actions		X		\$500	\$500	\$500	\$500	\$500
Meeting Minutes		X		\$500	\$500	\$500	\$500	\$500
TSb Tech Comm Meetings (Semi - Annual instead of quarterly)								
Annual Public Meetings				\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Interbasin Quarterly Meeting Attendance								
ECCC Subbasin (BBID)	X							
ESSJ Subbasin (SJC)	X							
DMSb (???)		X		\$1,440	\$1,440	\$1,440	\$1,440	\$1,440
Solano Subbasin (???)		X		\$1,440	\$1,440	\$1,440	\$1,440	\$1,440
Interbasin Annual Meeting Attendance								
Administrative								
Lead Agency (San Joaquin County)		X		\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
BBID	X			\$4,600	\$4,600	\$6,200	\$7,800	\$7,800
BCID	X			\$4,600	\$4,600	\$6,200	\$7,800	\$7,800
City of Tracy	X			\$4,600	\$4,600	\$6,200	\$7,800	\$7,800
City of Lathrop	X			\$4,600	\$4,600	\$6,200	\$7,800	\$7,800
Stewart Tract	X			\$4,600	\$4,600	\$6,200	\$7,800	\$7,800
San Joaquin County	X							
Professional Services								
Communications Specialist		X						
Hydrogeologist		X						
Legal (San Joaquin)	X			\$10,000				
Project Development Work for Grant Development		X						
Grant Writing		X						
Project and Management Actions								
Project 1: BCID Expansion of Facilities	X		X					
Project 2: City of Tracy ASR wells	X		X					
Project 3:								
Management Action 1: Amend Well Ordinance		X		\$10,000	\$10,000			
Total Expenses				\$287,125	\$212,125	\$350,125	\$318,125	\$408,125

Table B-1 TSb GSP Implementation Fiscal Budgets

Description	Local	Shared GSA	DWR Services/Grant Funded/TSS	2022	2023	2024	2025	2026
Shared Costs - Annual Expenses				\$181,980	\$146,980	\$276,980	\$236,980	\$326,980
5-year Cost								\$1,169,900
Average 5-year Cost				\$233,980	\$233,980	\$233,980	\$233,980	\$233,980
Local Costs - Annual Expenses				\$105,145	\$65,145	\$73,145	\$81,145	\$81,145
BBID	X			\$23,240	\$13,240	\$14,840	\$16,440	\$16,440
BCID	X			\$12,480	\$7,480	\$9,080	\$10,680	\$10,680
City of Tracy	X			\$25,460	\$20,460	\$22,060	\$23,660	\$23,660
City of Lathrop	X			\$4,965	\$4,965	\$6,565	\$8,165	\$8,165
Stewart Tract	X			\$4,600	\$4,600	\$6,200	\$7,800	\$7,800
San Joaquin County	X			\$31,520	\$11,520	\$11,520	\$11,520	\$11,520
DWR			X	\$2,880	\$2,880	\$2,880	\$2,880	\$2,880
REVENUE - For Shared Costs Only								
Grant Funded (assume only 50%)								
Zone 2 Funding				\$85,000	\$85,000	\$85,000	\$85,000	\$85,000
Funds from GSAs (total)				\$148,980	\$148,980	\$148,980	\$148,980	\$148,980
Total Costs (Zone 2 + Grants + Funds from GSAs)				\$233,980	\$233,980	\$233,980	\$233,980	\$233,980
Reserve/cumulative				\$52,000	\$139,000	\$96,000	\$93,000	\$0

Notes:

First 5 years no increase for inflation, thereafter 3% markup per year

Annual Reports due April 1 and 5-year GSP Updates due January 31

Accuracy of estimate should be rounded upward to nearest \$10,000

Grant funds assume 50% local cost match, shared by all GSAs

2042 costs are not averaged over a 5-year period