

2014 to 2023 WATER SUPPLY IMPACT FEE STUDY

	CAPITAL COST			Total Capacity			Existing			2014-2023			Post 2023			Cost/EDU
	Pre-2014	2014-2023	Total	Acre Feet	MGD	Total EDUs	Total EDUs: EDUs	% Capacity	Cost Share	Total EDUs: EDUS	% Capacity	Cost Share	EDUs % Capacity	Cost Share		
Existing Projects																
Average Existing Edwards	\$ 234,035,444		\$ 234,035,444	215,477	192.4	614,109	598,948	97.5%	\$ 228,257,575	15,161	2.5%	\$ 5,777,870	0%	\$ -	\$ 381	
Local Carrizo	\$ 14,823,566	\$ -	\$ 14,823,566	7,400	6.6	21,090	20,569	97.5%	\$ 14,457,602	521	2.5%	\$ 365,964	0%	\$ -	\$ 703	
Trinity-WECO, Oliver Ranch, BSR	\$ 12,488,536	\$ -	\$ 12,488,536	6,760	6.0	19,266	18,790	97.5%	\$ 12,180,219	476	2.5%	\$ 308,317	0%	\$ -	\$ 648	
GBRA-Western Canyon	\$ 14,179,261	\$ -	\$ 14,179,261	9,470	8.5	26,991	26,324	97.5%	\$ 13,829,203	666	2.5%	\$ 350,058	0%	\$ -	\$ 525	
CRWA	\$ -	\$ -	\$ -	6,550	5.8	18,668	18,207	97.5%	\$ -	461	2.5%	\$ -	0%	\$ -	\$ -	
Medina System Surface Water	\$ 18,700,000	\$ -	\$ 18,700,000	5,350	4.8	15,248	14,871	97.5%	\$ 18,238,334	376	2.5%	\$ 461,666	0%	\$ -	\$ 1,226	
Total Existing Projects	\$ 294,226,807	\$ -	\$ 294,226,807	251,007	224.1	715,371	697,710	97.5%	\$ 286,962,932	17,661	2.5%	\$ 7,263,875	-	0%	\$ -	
2014 to 2023 Projects																
Average New Edwards		\$ 44,121,763	\$ 44,121,763	7,106	6.3	20,253	-	0%	\$ -	9,468	46.7%	\$ 20,625,058	10,786	53.3%	\$ 23,496,705	\$ 2,179
Regional Carrizo/SSLGC Delivery	\$ 124,146,817		\$ 124,146,817	13,138	11.7	37,443	-	0%	\$ -	17,503	46.7%	\$ 58,033,387	19,940	53.3%	\$ 66,113,430	\$ 3,316
Desalination 2015 & 2021	\$ 188,433,050	\$ 92,102,641	\$ 280,535,691	24,420	21.8	69,597	-	0%	\$ -	32,534	46.7%	\$ 131,138,573	37,063	53.3%	\$ 149,397,118	\$ 4,031
Expanded Carrizo 2017 & 2022	\$ -	\$ 29,392,069	\$ 29,392,069	14,000	12.5	39,900	-	0%	\$ -	18,652	46.7%	\$ 13,739,549	21,248	53.3%	\$ 15,652,520	\$ 737
Integration Pipeline	\$ 29,236,925	\$ 206,458,843	\$ 235,695,768		0.0	-	-	39%	\$ 91,155,477		21.9%	\$ 51,590,575	0	39.4%	\$ 92,949,716	\$ 984
Total 2014 to 2023 Projects	\$ 341,816,791	\$ 372,075,316	\$ 713,892,107	58,664	52	167,194	-	0%	\$ 91,155,477	78,156	46.7%	\$ 275,127,142	89,038	53.3%	\$ 347,609,488	
TOTALS	\$ 636,043,598	\$ 372,075,316	\$ 1,008,118,914	309,672	276	882,565	697,710		\$ 378,118,409	95,817		\$ 282,391,017	89,038		\$ 347,609,488	\$ 1,142
Proposed Fee before Rate Credit												\$ 2,947				
Rate Credit												151				
Maximum Water Supply Impact Fee												\$ 2,796				

Fee Without DSP Existing Deficit of 3848 EDUs	\$	2,674	\$	122
Fee Without Any DSP including 2014-2023 DSP Growth	\$	2,315	\$	482

Assumptions:

- 1 EDU = 313 gallons/day (gpd)
- Conservation programming @ 135 gpcd * 2.3 people/EDU = 310.5 gpd/edu
- 1 acre foot = 2.85 EDUs
- Integration pipeline 75MGD capacity(84,076 AF, 239,617 EDUs) allocated as: ASR, desalination, local & expanded carrizo. The total pipeline cost is prorated based on 22.4 MGD Edwards(ASR), 6.6 MGD Local Carrizo, 21.8 MGD Desalination, 12.5 MGD expanded Carrizo. plus 11.7 MGD for remaining phases of desalination & expanded Carrizo for post 2023 customers.
- Existing supplies based on average estimated from 2014 to 2023 assuming drought of record during period.