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## **Receiving Waters**

The attached Table 1 shows the receiving waters associated with each impact, the impact quantity and the beneficial uses. This table compiles all reported impacts to waters of the state for the High Speed Train Fresno to Bakersfield.

As of the effective date of this certification, construction may proceed only in those waters of the state identified for Permitting Package 1.a (PP 1.a).

Table 1 shall be revised by amendment to this certification as additional PPs are approved to proceed with construction by the State Water Board.

**Table 1**

Permit Package	Anticipated Year of Construction	Waters Name	Type	Latitude	Longitude	Permanent Acreage Impacts	Permanent Linear Foot Impacts	Permanent Mitigation Location	Permanent Mitigation Ratio n:1	Temporary Linear Foot Impacts	Permanent Mitigation Acreage	Temporary Direct Acreage Impacts	Temporary Mitigation Location	Temporary Mitigation Ratio n:1	Temporary Mitigation Acreage	Beneficial Uses	Basin Plan HUC	USGS HUC	Receiving Waters	Watershed
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**CANALS/DITCHES**

1.a	2016 / 2017	CCE218OW	Canals/Ditches	36.2073	-119.6114	0.04	187	On Site	1	124	0.04	0.03	On Site	1	0.03	AGR, IND, PRO, REC-1, REC-2, WARM, WILD, RARE, GWR	558.1	18030012	San Joaquin River	Tulare-Buena Vista Lakes
1.a	2016 / 2017	CCE590W	Canals/Ditches	36.2108	-119.6096	0.23	879	On Site	1	40	0.23	0.01	On Site	1	0.01	AGR, IND, PRO, REC-1, REC-2, WARM, WILD, RARE, GWR	558.1	18030012	San Joaquin River	Tulare-Buena Vista Lakes
1.a	2016 / 2017	CCE219OW	Canals/Ditches	36.2111	-119.6041	0.33	1,462	On Site	1	0	0.33	0.00	On Site	1	0.00	AGR, IND, PRO, REC-1, REC-2, WARM, WILD, RARE, GWR	558.1	18030012	San Joaquin River	Tulare-Buena Vista Lakes
1.a	2016 / 2017	CCE530W	Canals/Ditches	36.2402	-119.6054	0.02	67	On Site	1	61	0.02	0.01	On Site	1	0.01	AGR, IND, PRO, REC-1, REC-2, WARM, WILD, RARE, GWR	558.1	18030012	San Joaquin River	Tulare-Buena Vista Lakes
1.a	2016 / 2017	CCE204OW	Canals/Ditches	36.2402	-119.6005	1.17	3,754	On Site	1	0	1.17	0.00	On Site	1	0.00	AGR, IND, PRO, REC-1, REC-2, WARM, WILD, RARE, GWR	558.1	18030012	San Joaquin River	Tulare-Buena Vista Lakes
1.a	2016 / 2017	198BOW02	Canals/Ditches	36.2403	-119.5986	0.24	883	On Site	1	0	0.24	0.00	On Site	1	0.00	AGR, IND, PRO, REC-1, REC-2, WARM, WILD, RARE, GWR	558.1	18030012	San Joaquin River	Tulare-Buena Vista Lakes
1.a	2016 / 2017	190BOW02	Canals/Ditches	36.2548	-119.5909	1.56	2,273	On Site	1	217	1.56	0.16	On Site	1	0.16	AGR, IND, PRO, REC-1, REC-2, WARM, WILD, RARE, GWR	558.1	18030012	San Joaquin River	Tulare-Buena Vista Lakes
1.a	2016 / 2017	186BOW01	Canals/Ditches	36.2622	-119.5914	0.01	61	On Site	1	37	0.01	0.01	On Site	1	0.01	AGR, IND, PRO, REC-1, REC-2, WARM, WILD, RARE, GWR	558.1	18030012	San Joaquin River	Tulare-Buena Vista Lakes
1.a	2016 / 2017	185BOW01	Canals/Ditches	36.2693	-119.5917	2.25	4,898	On Site	1	71	2.25	0.03	On Site	1	0.03	AGR, IND, PRO, REC-1, REC-2, WARM, WILD, RARE, GWR	558.1	18030012	San Joaquin River	Tulare-Buena Vista Lakes
1.a	2016 / 2017	CCE500W	Canals/Ditches	36.2695	-119.5957	0.20	1,771	On Site	1	0	0.20	0.00	On Site	1	0.00	AGR, IND, PRO, REC-1, REC-2, WARM, WILD, RARE, GWR	558.1	18030012	San Joaquin River	Tulare-Buena Vista Lakes
1.a	2016 / 2017	180BOW01	Canals/Ditches	36.2767	-119.5911	0.04	178	On Site	1	63	0.04	0.01	On Site	1	0.01	AGR, IND, PRO, REC-1, REC-2, WARM, WILD, RARE, GWR	558.1	18030012	San Joaquin River	Tulare-Buena Vista Lakes
1.a	2016 / 2017	177PIOW01	Canals/Ditches	36.2876	-119.5911	0.01	120	On Site	1	0	0.01	0.00	On Site	1	0.00	AGR, IND, PRO, REC-1, REC-2, WARM, WILD, RARE, GWR	551.9	18030012	San Joaquin River	Tulare-Buena Vista Lakes
1.a	2016 / 2017	180BOW02	Canals/Ditches	36.3053	-119.5920	0.34	1,454	On Site	1	458	0.34	0.12	On Site	1	0.12	AGR, IND, PRO, REC-1, REC-2, WARM, WILD, RARE, GWR	551.9 / 558.1	18030012	San Joaquin River	Tulare-Buena Vista Lakes
1.a	2016 / 2017	162FOW01	Canals/Ditches	36.3201	-119.5915	0.00	0	On Site	1	20	0.00	0.02	On Site	1	0.02	AGR, IND, PRO, REC-1, REC-2, WARM, WILD, RARE, GWR	551.9	18030012	San Joaquin River	Tulare-Buena Vista Lakes
1.a	2016 / 2017	159FOW01	Canals/Ditches	36.3208	-119.5913	0.00	0	On Site	1	20	0.00	0.01	On Site	1	0.01	AGR, IND, PRO, REC-1, REC-2, WARM, WILD, RARE, GWR	551.9	18030012	San Joaquin River	Tulare-Buena Vista Lakes

**Table 1**

Permit Package	Anticipated Year of Construction	Waters Name	Type	Latitude	Longitude	Permanent Acreage Impacts	Permanent Linear Foot Impacts	Permanent Mitigation Location	Permanent Mitigation Ratio n:1	Temporary Linear Foot Impacts	Permanent Mitigation Acreage	Temporary Direct Acreage Impacts	Temporary Mitigation Location	Temporary Mitigation Ratio n:1	Temporary Mitigation Acreage	Beneficial Uses	Basin Plan HUC	USGS HUC	Receiving Waters	Watershed
1.a	2016 / 2017	CCE37OW	Canals/Ditches	36.3676	-119.5918	0.62	1,312	On Site	1	303	0.62	0.13	On Site	1	0.13	AGR, IND, PRO, REC-1, REC-2, WARM, WILD, RARE, GWR	551.9	18030012	San Joaquin River	Tulare-Buena Vista Lakes
1.a	2016 / 2017	CCE36OW	Canals/Ditches	36.3720	-119.5867	0.96	1,813	On Site	1	60	0.96	0.04	On Site	1	0.04	AGR, IND, PRO, REC-1, REC-2, WARM, WILD, RARE, GWR	551.9	18030012	San Joaquin River	Tulare-Buena Vista Lakes
1.a	2016 / 2017	CCE34OW	Canals/Ditches	36.4039	-119.5956	0.61	896	On Site	1	236	0.61	0.18	On Site	1	0.18	AGR, IND, PRO, REC-1, REC-2, WARM, WILD, RARE, GWR	551.9	18030012	San Joaquin River	Tulare-Buena Vista Lakes
1.a	2016 / 2017	073BOW01	Canals/Ditches	36.5490	-119.7330	0.66	1,611	On Site	1	1717	0.66	0.71	On Site	1	0.71	AGR, IND, PRO, REC-1, REC-2, WARM, WILD, RARE, GWR	551.7	18030009	San Joaquin River	Upper Dry
1.a	2016 / 2017	BN20OW01	Canals/Ditches	36.5500	-119.7328	0.04	203	On Site	1	0	0.04	0.00	On Site	1	0.00	AGR, IND, PRO, REC-1, REC-2, WARM, WILD, RARE, GWR	551.7	18030009	San Joaquin River	Upper Dry
1.a	2016 / 2017	070BOW01	Canals/Ditches	36.5573	-119.7388	0.09	338	On Site	1	122	0.09	0.03	On Site	1	0.03	AGR, IND, PRO, REC-1, REC-2, WARM, WILD, RARE, GWR	551.7	18030009	San Joaquin River	Upper Dry
1.a	2016 / 2017	CCE19OW	Canals/Ditches	36.5614	-119.7351	0.13	195	On Site	1	0	0.13	0.00	On Site	1	0.00	AGR, IND, PRO, REC-1, REC-2, WARM, WILD, RARE, GWR	551.7	18030009	San Joaquin River	Upper Dry
1.a	2016 / 2017	067BOW01	Canals/Ditches	36.5632	-119.7422	0.11	350	On Site	1	59	0.11	0.02	On Site	1	0.02	AGR, IND, PRO, REC-1, REC-2, WARM, WILD, RARE, GWR	551.7	18030009	San Joaquin River	Upper Dry
1.a	2016 / 2017	064COW01	Canals/Ditches	36.5767	-119.7460	0.05	219	On Site	1	0	0.05	0.00	On Site	1	0.00	AGR, IND, PRO, REC-1, REC-2, WARM, WILD, RARE, GWR	551.7	18030009	San Joaquin River	Upper Dry
1.a	2016 / 2017	064COW02	Canals/Ditches	36.5767	-119.7455	0.08	336	On Site	1	0	0.08	0.00	On Site	1	0.00	AGR, IND, PRO, REC-1, REC-2, WARM, WILD, RARE, GWR	551.7	18030009	San Joaquin River	Upper Dry
1.a	2016 / 2017	052BOW01	Canals/Ditches	36.6200	-119.7525	1.01	2,923	On Site	1	119	1.01	0.04	On Site	1	0.04	AGR, IND, PRO, REC-1, REC-2, WARM, WILD, RARE, GWR	551.7	18030009	San Joaquin River	Upper Dry
1.a	2016 / 2017	047COW01	Canals/Ditches	36.6393	-119.7514	0.10	324	On Site	1	56	0.10	0.02	On Site	1	0.02	AGR, IND, PRO, REC-1, REC-2, WARM, WILD, RARE, GWR	551.3	18030009	San Joaquin River	Upper Dry
1.a	2016 / 2017	046DOW02	Canals/Ditches	36.6436	-119.7507	0.10	558	On Site	1	0	0.10	0.00	On Site	1	0.00	AGR, IND, PRO, REC-1, REC-2, WARM, WILD, RARE, GWR	551.3	18030009	San Joaquin River	Upper Dry
1.a	2016 / 2017	043DOW01	Canals/Ditches	36.6499	-119.7504	0.02	205	On Site	1	0	0.02	0.00	On Site	1	0.00	AGR, IND, PRO, REC-1, REC-2, WARM, WILD, RARE, GWR	551.3	18030009	San Joaquin River	Upper Dry
1.a	2016 / 2017	042EOW01	Canals/Ditches	36.6525	-119.7519	0.14	414	On Site	1	115	0.14	0.04	On Site	1	0.04	AGR, IND, PRO, REC-1, REC-2, WARM, WILD, RARE, GWR	551.3	18030009	San Joaquin River	Upper Dry
<b>TOTAL CANALS/DITCHES</b>						<b>11.16</b>	<b>29,683</b>	<b>On Site</b>	<b>1</b>	<b>3,900</b>	<b>11.16</b>	<b>1.62</b>	On Site	<b>1</b>	<b>1.62</b>					

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<b>Detention Basin</b>																				
1.a	2016 / 2017	CCE540W	Detention Basin	36.2160	-119.6090	0.08	N/A	On Site	1	N/A	0.08	0.00	On Site	1	0.00	AGR, IND, PRO, REC-1, REC-2, WARM, WILD, RARE, GWR	558.1	18030012	San Joaquin River	Tulare-Buena Vista Lakes
1.a	2016 / 2017	1205OW04	Detention Basin	36.2173	-119.6094	0.45	N/A	On Site	1	N/A	0.45	0.00	On Site	1	0.00	AGR, IND, PRO, REC-1, REC-2, WARM, WILD, RARE, GWR	558.1	18030012	San Joaquin River	Tulare-Buena Vista Lakes
1.a	2016 / 2017	1205OW03	Detention Basin	36.2845	-119.5923	0.22	N/A	On Site	1	N/A	0.22	0.00	On Site	1	0.00	AGR, IND, PRO, REC-1, REC-2, WARM, WILD, RARE, GWR	558.1	18030012	San Joaquin River	Tulare-Buena Vista Lakes
1.a	2016 / 2017	CCE410W	Detention Basin	36.3623	-119.5918	0.24	N/A	On Site	1	N/A	0.24	0.00	On Site	1	0.00	AGR, IND, PRO, REC-1, REC-2, WARM, WILD, RARE, GWR	551.9	18030012	San Joaquin River	Tulare-Buena Vista Lakes
1.a	2016 / 2017	CCE400W	Detention Basin	36.3623	-119.5915	0.36	N/A	On Site	1	N/A	0.36	0.00	On Site	1	0.00	AGR, IND, PRO, REC-1, REC-2, WARM, WILD, RARE, GWR	551.9	18030012	San Joaquin River	Tulare-Buena Vista Lakes
1.a	2016 / 2017	CCE390W	Detention Basin	36.3628	-119.5916	0.16	N/A	On Site	1	N/A	0.16	0.00	On Site	1	0.00	AGR, IND, PRO, REC-1, REC-2, WARM, WILD, RARE, GWR	551.9	18030012	San Joaquin River	Tulare-Buena Vista Lakes
1.a	2016 / 2017	CCE380W	Detention Basin	36.3629	-119.5916	0.13	N/A	On Site	1	N/A	0.13	0.00	On Site	1	0.00	AGR, IND, PRO, REC-1, REC-2, WARM, WILD, RARE, GWR	551.9	18030012	San Joaquin River	Tulare-Buena Vista Lakes
1.a	2016 / 2017	061COW01	Detention Basin	36.5792	-119.7463	0.03	N/A	On Site	1	N/A	0.03	0.00	On Site	1	0.00	AGR, IND, PRO, REC-1, REC-2, WARM, WILD, RARE, GWR	551.7	18030009	San Joaquin River	Upper Dry
<b>TOTAL DETENTION BASIN</b>						<b>1.67</b>	<b>N/A</b>	<b>On Site</b>	<b>Varies</b>	<b>N/A</b>	<b>1.67</b>	<b>0.00</b>	<b>On Site</b>	<b>1</b>	<b>0.00</b>					