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Receiving Waters, Impacts and Mitigation Information

The following table shows the receiving waters associated with each impact site.

Table 1: Receiving Water(s) Information

Non-Federal Waters	Impact Site ID	Waterbody Name	Impacted Aquatic Resource Type	Water Board Hydrologic Units	Receiving Waters	Receiving Waters Beneficial Uses	303d Listing Pollutant	eCRAM ID ¹
Yes	Drainage 1	Unnamed Tributary	Stream Channel	802.12	Salt Creek	REC-1, REC-2, WARM, WILD	N/A	N/A
Yes	Drainage 1.1	Unnamed Tributary	Stream Channel	802.12	Salt Creek	REC-1, REC-2, WARM, WILD	N/A	N/A
Yes	Drainage 1.2	Unnamed Tributary	Stream Channel	802.12	Salt Creek	REC-1, REC-2, WARM, WILD	N/A	N/A
Yes	Drainage 1.2.1	Unnamed Tributary	Stream Channel	802.12	Salt Creek	REC-1, REC-2, WARM, WILD	N/A	N/A
Yes	Drainage 1.3	Unnamed Tributary	Stream Channel	802.12	Salt Creek	REC-1, REC-2, WARM, WILD	N/A	N/A
Yes	Drainage 1.3.1	Unnamed Tributary	Stream Channel	802.12	Salt Creek	REC-1, REC-2, WARM, WILD	N/A	N/A
Yes	Drainage 1.4	Unnamed Tributary	Stream Channel	802.12	Salt Creek	REC-1, REC-2, WARM, WILD	N/A	N/A
Yes	Drainage 1.5	Unnamed Tributary	Stream Channel	802.12	Salt Creek	REC-1, REC-2, WARM, WILD	N/A	N/A
Yes	Drainage 1.5.1	Unnamed Tributary	Stream Channel	802.12	Salt Creek	REC-1, REC-2, WARM, WILD	N/A	N/A
Yes	Drainage 1.5.2	Unnamed Tributary	Stream Channel	802.12	Salt Creek	REC-1, REC-2, WARM, WILD	N/A	N/A
Yes	Drainage 1.6	Unnamed Tributary	Stream Channel	802.12	Salt Creek	REC-1, REC-2, WARM, WILD	N/A	N/A

¹ California Rapid Assessment Method (CRAM) score of impacted sites provided by the Permittee.

Non-Federal Waters	Impact Site ID	Waterbody Name	Impacted Aquatic Resource Type	Water Board Hydrologic Units	Receiving Waters	Receiving Waters Beneficial Uses	303d Listing Pollutant	eCRAM ID ¹
Yes	Drainage 1.7	Unnamed Tributary	Stream Channel	802.12	Salt Creek	REC-1, REC-2, WARM, WILD	N/A	N/A
Yes	Drainage 1.7.1	Unnamed Tributary	Stream Channel	802.12	Salt Creek	REC-1, REC-2, WARM, WILD	N/A	N/A
Yes	Drainage 1.7.2	Unnamed Tributary	Stream Channel	802.12	Salt Creek	REC-1, REC-2, WARM, WILD	N/A	N/A
Yes	Drainage 1.8	Unnamed Tributary	Stream Channel	802.12	Salt Creek	REC-1, REC-2, WARM, WILD	N/A	N/A
Yes	Drainage 1.8.1	Unnamed Tributary	Stream Channel	802.12	Salt Creek	REC-1, REC-2, WARM, WILD	N/A	N/A
Yes	Drainage 1.9	Unnamed Tributary	Stream Channel	802.12	Salt Creek	REC-1, REC-2, WARM, WILD	N/A	N/A
Yes	Drainage 1.10	Unnamed Tributary	Stream Channel	802.12	Salt Creek	REC-1, REC-2, WARM, WILD	N/A	N/A
Yes	Drainage 1.10.1	Unnamed Tributary	Stream Channel	802.12	Salt Creek	REC-1, REC-2, WARM, WILD	N/A	N/A
Yes	Drainage 1.10.2	Unnamed Tributary	Stream Channel	802.12	Salt Creek	REC-1, REC-2, WARM, WILD	N/A	N/A
Yes	Drainage 1.10.3	Unnamed Tributary	Stream Channel	802.12	Salt Creek	REC-1, REC-2, WARM, WILD	N/A	N/A
Yes	Drainage 1.10.4	Unnamed Tributary	Stream Channel	802.12	Salt Creek	REC-1, REC-2, WARM, WILD	N/A	N/A
Yes	Drainage 1.11	Unnamed Tributary	Stream Channel	802.12	Salt Creek	REC-1, REC-2, WARM, WILD	N/A	N/A
Yes	Drainage 1.12	Unnamed Tributary	Stream Channel	802.12	Salt Creek	REC-1, REC-2, WARM, WILD	N/A	N/A
Yes	Drainage 2	Unnamed Tributary	Stream Channel	802.12	Salt Creek	REC-1, REC-2, WARM, WILD	N/A	N/A

Non-Federal Waters	Impact Site ID	Waterbody Name	Impacted Aquatic Resource Type	Water Board Hydrologic Units	Receiving Waters	Receiving Waters Beneficial Uses	303d Listing Pollutant	eCRAM ID ¹
Yes	Drainage 3	Unnamed Tributary	Stream Channel	802.12	Salt Creek	REC-1, REC-2, WARM, WILD	N/A	N/A
Yes	Drainage 3.1	Unnamed Tributary	Stream Channel	802.12	Salt Creek	REC-1, REC-2, WARM, WILD	N/A	N/A
Yes	Drainage 4	Unnamed Tributary	Stream Channel	902.33	Warm Springs Creek	AGR, IND, MUN, PROC, REC-1, REC-2, WARM, WILD	Chlorpyrifos, Indicator Bacteria Iron, Manganese, Nitrogen, Phosphorus	N/A
Yes	Drainage 4.1	Unnamed Tributary	Stream Channel	902.33	Warm Springs Creek	AGR, IND, MUN, PROC, REC-1, REC-2, WARM, WILD	Chlorpyrifos, Indicator Bacteria Iron, Manganese, Nitrogen, Phosphorus	N/A
Yes	Drainage 4.2	Unnamed Tributary	Stream Channel	902.33	Warm Springs Creek	AGR, IND, MUN, PROC, REC-1, REC-2, WARM, WILD	Chlorpyrifos, Indicator Bacteria Iron, Manganese, Nitrogen, Phosphorus	N/A
Yes	Drainage 4.3	Unnamed Tributary	Stream Channel	902.33	Warm Springs Creek	AGR, IND, MUN, PROC,	Chlorpyrifos, Indicator Bacteria	N/A

Non-Federal Waters	Impact Site ID	Waterbody Name	Impacted Aquatic Resource Type	Water Board Hydrologic Units	Receiving Waters	Receiving Waters Beneficial Uses	303d Listing Pollutant	eCRAM ID ¹
						REC-1, REC-2, WARM, WILD	Iron, Manganese, Nitrogen, Phosphorus	
Yes	Drainage 4.4	Unnamed Tributary	Stream Channel	902.33	Warm Springs Creek	AGR, IND, MUN, PROC, REC-1, REC-2, WARM, WILD	Chlorpyrifos, Indicator Bacteria Iron, Manganese, Nitrogen, Phosphorus	N/A
Yes	Drainage 4.5	Unnamed Tributary	Stream Channel	902.33	Warm Springs Creek	AGR, IND, MUN, PROC, REC-1, REC-2, WARM, WILD	Chlorpyrifos, Indicator Bacteria Iron, Manganese, Nitrogen, Phosphorus	N/A
Yes	Drainage 4.5.1	Unnamed Tributary	Stream Channel	902.33	Warm Springs Creek	AGR, IND, MUN, PROC, REC-1, REC-2, WARM, WILD	Chlorpyrifos, Indicator Bacteria Iron, Manganese, Nitrogen, Phosphorus	N/A
Yes	Drainage 4.6	Unnamed Tributary	Stream Channel	902.33	Warm Springs Creek	AGR, IND, MUN, PROC,	Chlorpyrifos, Indicator Bacteria	N/A

Non-Federal Waters	Impact Site ID	Waterbody Name	Impacted Aquatic Resource Type	Water Board Hydrologic Units	Receiving Waters	Receiving Waters Beneficial Uses	303d Listing Pollutant	eCRAM ID ¹
						REC-1, REC-2, WARM, WILD	Iron, Manganese, Nitrogen, Phosphorus	
Yes	Drainage 4.7	Unnamed Tributary	Stream Channel	902.33	Warm Springs Creek	AGR, IND, MUN, PROC, REC-1, REC-2, WARM, WILD	Chlorpyrifos, Indicator Bacteria Iron, Manganese, Nitrogen, Phosphorus	N/A
Yes	Drainage 4.8	Unnamed Tributary	Stream Channel	902.33	Warm Springs Creek	AGR, IND, MUN, PROC, REC-1, REC-2, WARM, WILD	Chlorpyrifos, Indicator Bacteria Iron, Manganese, Nitrogen, Phosphorus	N/A
Yes	Drainage 5	Unnamed Tributary	Stream Channel	902.33	Warm Springs Creek	AGR, IND, MUN, PROC, REC-1, REC-2, WARM, WILD	Chlorpyrifos, Indicator Bacteria Iron, Manganese, Nitrogen, Phosphorus	N/A
Yes	Drainage 6	Unnamed Tributary	Stream Channel	902.33	Warm Springs Creek	AGR, IND, MUN, PROC,	Chlorpyrifos, Indicator Bacteria	N/A

Non-Federal Waters	Impact Site ID	Waterbody Name	Impacted Aquatic Resource Type	Water Board Hydrologic Units	Receiving Waters	Receiving Waters Beneficial Uses	303d Listing Pollutant	eCRAM ID ¹
						REC-1, REC-2, WARM, WILD	Iron, Manganese, Nitrogen, Phosphorus	
Yes	Drainage 7	Unnamed Tributary	Stream Channel	902.33	Warm Springs Creek	AGR, IND, MUN, PROC, REC-1, REC-2, WARM, WILD	Chlorpyrifos, Indicator Bacteria Iron, Manganese, Nitrogen, Phosphorus	N/A
Yes	Drainage 8	Unnamed Tributary	Stream Channel	902.33	Warm Springs Creek	AGR, IND, MUN, PROC, REC-1, REC-2, WARM, WILD	Chlorpyrifos, Indicator Bacteria Iron, Manganese, Nitrogen, Phosphorus	N/A
Yes	Drainage 16	Unnamed Tributary	Stream Channel	902.33	Warm Springs Creek	AGR, IND, MUN, PROC, REC-1, REC-2, WARM, WILD	Chlorpyrifos, Indicator Bacteria Iron, Manganese, Nitrogen, Phosphorus	N/A
Yes	Drainage 16.1	Unnamed Tributary	Stream Channel	902.33	Warm Springs Creek	AGR, IND, MUN, PROC,	Chlorpyrifos, Indicator Bacteria	N/A

Non-Federal Waters	Impact Site ID	Waterbody Name	Impacted Aquatic Resource Type	Water Board Hydrologic Units	Receiving Waters	Receiving Waters Beneficial Uses	303d Listing Pollutant	eCRAM ID ¹
						REC-1, REC-2, WARM, WILD	Iron, Manganese, Nitrogen, Phosphorus	
Yes	Drainage 16.2	Unnamed Tributary	Stream Channel	902.33	Warm Springs Creek	AGR, IND, MUN, PROC, REC-1, REC-2, WARM, WILD	Chlorpyrifos, Indicator Bacteria Iron, Manganese, Nitrogen, Phosphorus	N/A
Yes	Drainage 16.2.1	Unnamed Tributary	Stream Channel	902.33	Warm Springs Creek	AGR, IND, MUN, PROC, REC-1, REC-2, WARM, WILD	Chlorpyrifos, Indicator Bacteria Iron, Manganese, Nitrogen, Phosphorus	N/A
Yes	Drainage 16.2.2	Unnamed Tributary	Stream Channel	902.33	Warm Springs Creek	AGR, IND, MUN, PROC, REC-1, REC-2, WARM, WILD	Chlorpyrifos, Indicator Bacteria Iron, Manganese, Nitrogen, Phosphorus	N/A
Yes	Drainage 16.3	Unnamed Tributary	Stream Channel	902.33	Warm Springs Creek	AGR, IND, MUN, PROC,	Chlorpyrifos, Indicator Bacteria	N/A

Non-Federal Waters	Impact Site ID	Waterbody Name	Impacted Aquatic Resource Type	Water Board Hydrologic Units	Receiving Waters	Receiving Waters Beneficial Uses	303d Listing Pollutant	eCRAM ID ¹
						REC-1, REC-2, WARM, WILD	Iron, Manganese, Nitrogen, Phosphorus	
Yes	Drainage 16.3.1	Unnamed Tributary	Stream Channel	902.33	Warm Springs Creek	AGR, IND, MUN, PROC, REC-1, REC-2, WARM, WILD	Chlorpyrifos, Indicator Bacteria Iron, Manganese, Nitrogen, Phosphorus	N/A
Yes	Drainage 16.4	Unnamed Tributary	Stream Channel	902.33	Warm Springs Creek	AGR, IND, MUN, PROC, REC-1, REC-2, WARM, WILD	Chlorpyrifos, Indicator Bacteria Iron, Manganese, Nitrogen, Phosphorus	N/A
Yes	Drainage 16.5	Unnamed Tributary	Stream Channel	902.33	Warm Springs Creek	AGR, IND, MUN, PROC, REC-1, REC-2, WARM, WILD	Chlorpyrifos, Indicator Bacteria Iron, Manganese, Nitrogen, Phosphorus	N/A
Yes	Drainage 16.5	Unnamed Tributary	Stream Channel	902.33	Warm Springs Creek	AGR, IND, MUN, PROC,	Chlorpyrifos, Indicator Bacteria	N/A

Non-Federal Waters	Impact Site ID	Waterbody Name	Impacted Aquatic Resource Type	Water Board Hydrologic Units	Receiving Waters	Receiving Waters Beneficial Uses	303d Listing Pollutant	eCRAM ID ¹
						REC-1, REC-2, WARM, WILD	Iron, Manganese, Nitrogen, Phosphorus	
Yes	Drainage 16.5.1	Unnamed Tributary	Stream Channel	902.33	Warm Springs Creek	AGR, IND, MUN, PROC, REC-1, REC-2, WARM, WILD	Chlorpyrifos, Indicator Bacteria Iron, Manganese, Nitrogen, Phosphorus	N/A
Yes	Drainage 17	Unnamed Tributary	Stream Channel	902.33	Warm Springs Creek	AGR, IND, MUN, PROC, REC-1, REC-2, WARM, WILD	Chlorpyrifos, Indicator Bacteria Iron, Manganese, Nitrogen, Phosphorus	N/A
Yes	Drainage 17.1	Unnamed Tributary	Stream Channel	902.33	Warm Springs Creek	AGR, IND, MUN, PROC, REC-1, REC-2, WARM, WILD	Chlorpyrifos, Indicator Bacteria Iron, Manganese, Nitrogen, Phosphorus	N/A

Individual Direct Impact Locations

The following table shows individual impact locations.

Table 2: Individual Permanent Fill/Excavation Impact Information

Impact Site ID	Latitude	Longitude	Indirect Impact Requiring Mitigation?	Acres	Linear Feet
1 Drainage 1	33.6212899	-117.1851637	Yes	0.223	1,936
2 Drainage 1.1	33.6257240	-117.1777180	No	0.050	843
3 Drainage 1.1.1	33.6249820	-117.1776390	No	0.040	903
4 Drainage 1.2	33.6246191	-117.1831166	Yes	0.303	1,693
5 Drainage 1.2.1	33.6250041	-117.1831537	No	0.046	787
6 Drainage 1.3	33.6216483	-117.1818327	Yes	0.005	72
7 Drainage 1.5	33.6199740	-117.1847877	No	0.104	438
8 Drainage 1.5.1	33.6201683	-117.1870523	No	0.180	1,921
9 Drainage 1.5.2	33.6196363	-117.1867272	No	0.026	382
10 Drainage 1.6	33.6217150	-117.1849879	No	0.004	94
11 Drainage 1.7	33.6223082	-117.1867452	Yes	0.110	806

Impact Site ID	Latitude	Longitude	Indirect Impact Requiring Mitigation?	Acres	Linear Feet
12 Drainage 1.7.1	33.6235393	-117.1874427	Yes	0.008	171
13 Drainage 1.7.2	33.6233179	-117.1877027	Yes	0.007	147
14 Drainage 1.8	33.6216440	-117.1875714	Yes	0.043	726
15 Drainage 1.8.1	33.6218491	-117.1871680	No	0.025	505
16 Drainage 1.9	33.6214155	-117.1881499	Yes	0.024	352
17 Drainage 1.10	33.6189044	-117.1903953	Yes	0.272	1,144
18 Drainage 1.10.1	33.6180873	-117.1906205	Yes	0.005	111
19 Drainage 1.10.4	33.6186381	-117.1940145	No	0.004	182
20 Drainage 1.11	33.6205763	-117.1909411	Yes	0.026	567
21 Drainage 2	33.6246191	-117.1831166	No	0.168	2,167
22 Drainage 2.1	33.624755	-117.176936	No	0.018	275
23 Drainage 3	33.6228271	-117.1758304	Yes	0.347	2,140
24 Drainage 3.1	33.6215218	-117.1775701	No	0.005	114
25 Drainage 8	33.6265252	-117.1718676	No	0.007	104

Impact Site ID	Latitude	Longitude	Indirect Impact Requiring Mitigation?	Acres	Linear Feet
26 Drainage 4	33.6168378	-117.1755886	Yes	0.015	224
27 Drainage 4.1	33.6201706	-117.1735790	No	0.005	183
28 Drainage 4.2	33.6200909	-117.1734870	No	0.002	91
29 Drainage 5	33.6163915	-117.1720163	No	0.0004	9
30 Drainage 6	33.6158769	-117.1717121	No	0.001	39
31 Drainage 7	33.6130123	-117.1717571	No	0.003	39
32 Drainage 9	33.6117890	-117.1722598	No	0.003	128
33 Drainage 10	33.6114067	-117.1724282	No	0.003	64
34 Drainage 11	33.6105640	-117.1725505	No	0.005	62
35 Drainage 12	33.6081231	-117.1736156	No	0.005	66
36 Drainage 13	33.6075159	-117.1742671	No	0.005	74
37 Drainage 14	33.6065026	-117.1752735	No	0.005	71
38 Drainage 15	33.6062592	-117.1754364	No	0.003	111

Compensatory Mitigation Information

The following table(s) show(s) individual compensatory mitigation information and locations.

Mitigation Bank Compensatory Mitigation Site Information

Table 3: Mitigation Bank

Mitigation Bank Name:	Riverpark Mitigation Bank
Website:	https://mccollum.com/mitigation/#Mitigation
Mitigation Bank Contact Name:	Barry Jones
Phone:	619-742-2068
Email:	Barryjones_seb@yahoo.com
Mitigation Location - County:	Riverside
Latitude:	33°48'52.24"N
Longitude:	117°09'18.00"W

Table 4: Mitigation Type Information

Aquatic Resource Credit Type	Credits to be Purchased in Acres
Vernal pool, Alkali scrub, Alkali grassland, Alkali Playa (Re-Establishment)	4.00
Vernal pool, Alkali scrub, Alkali grassland, Alkali Playa (Rehabilitation)	1.54

Table 5: Mitigation Bank

Mitigation Bank Name:	San Luis Rey Wetland Mitigation Bank
Website:	https://www.wildlandsinc.com/banks/san-luis-rey-mitigation
Mitigation Bank Contact Name:	Julie Maddox
Phone:	916-625-3829
Email:	jmaddox@wildlandsinc.com
Mitigation Location - County:	San Diego
Latitude:	35°15'28.29"N
Longitude:	117°15'30.56"W

Table 6: Mitigation Type Information

Aquatic Resource Credit Type	Credits to be Purchased in Acres
Riparian (Re-Establishment)	0.124

Table 7: Mitigation Bank

Mitigation Bank Name:	Barry Jones Wetland Mitigation Bank
Website:	https://mccollum.com/mitigation/#Mitigation
Mitigation Bank Contact Name:	Mike McCollum
Phone:	916-708-2727
Email:	mccollum@mccollum.com
Mitigation Location - County:	Riverside
Latitude:	33°33'28.78"N
Longitude:	117°06'18.72"W

Table 8: Mitigation Type Information

Aquatic Resource Credit Type	Credits to be Purchased in Acres
Vernal Pool (Preservation)	0.062