
Attachment B
Receiving Waters, Impacts, and Mitigation Information

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I. Receiving Waters Information

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
No	Multiple	Lower Bouquet Canyon	Stream Channels	180701020202	Bouquet Canyon (above Vasquez Canyon)	MUN, IND, PROC, AGR, GWR, FRSH, WARM, COLD, WILD, RARE, WET	Temperature
No	Multiple	San Francisquito Canyon	Stream Channels	180701020402	San Francisquito Canyon I	MUN, IND, PROC, AGR, GWR, FRSH, WARM, WILD, RARE, SPWN, WET	N/A
No	Multiple	Elizabeth Lake	Stream Channels	180701020301	Elizabeth Lake	MUN, IND, PROC, AGR, GWR, FRSH, WARM, WILD, RARE	Eutrophic, Organic Enrichment/Low Dissolved Oxygen, pH, Trash
Yes	Multiple	Railroad Canyon	Stream Channels	180902061404	Minor Surface Waters	MUN, AGR, GWR, NAV, REC-1, REC-2, COMM, WAR, COLD, WILD	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
Yes	Multiple	Myrick Canyon	Stream Channels	180902061402	Minor Surface Waters	MUN, AGR, GWR, NAV, REC-1, REC-2, COMM, WAR, COLD, WILD	N/A
Yes	Multiple	Broad Canyon	Stream Channels	180902061405	Minor Surface Waters	MUN, AGR, GWR, NAV, REC-1, REC-2, COMM, WAR, COLD, WILD	N/A
Yes	Multiple	Middle Amargosa Creek	Stream Channels	180902061407	Minor Surface Waters	MUN, AGR, GWR, NAV, REC-1, REC-2, COMM, WAR, COLD, WILD	N/A
Yes	Multiple	Lower Amargosa Creek	Stream Channels	180902061408	Minor Surface Waters	MUN, AGR, GWR, NAV, REC-1, REC-2, COMM, WAR, COLD, WILD	N/A
Yes	Multiple	Piute Ponds	Stream Channels	180902061502	Minor Surface Waters	MUN, AGR, GWR, NAV, REC-1, REC-2, COMM, WAR, COLD, WILD	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
Yes	Multiple	Kings Canyon	Stream Channels	180902061308	Minor Surface Waters	MUN, AGR, GWR, NAV, REC-1, REC-2, COMM, WAR, COLD, WILD	N/A
Yes	Multiple	180902062403	Stream Channels	180902062403	Minor Surface Waters	MUN, AGR, GWR, NAV, REC-1, REC-2, COMM, WAR, COLD, WILD	N/A
Yes	Multiple	Tylerhorse Canyon	Stream Channels	180902061802	Minor Surface Waters	MUN, AGR, GWR, NAV, REC-1, REC-2, COMM, WAR, COLD, WILD	N/A
Yes	Multiple	Burham Canyon	Stream Channels	180902061704	Minor Surface Waters	MUN, AGR, GWR, NAV, REC-1, REC-2, COMM, WAR, COLD, WILD	N/A
Yes	Multiple	180902061702	Stream Channels	180902061702	Minor Surface Waters	MUN, AGR, GWR, NAV, REC-1, REC-2, COMM, WAR, COLD, WILD	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
Yes	Multiple	Bean Canyon	Stream Channels	180902061703	Minor Surface Waters	MUN, AGR, GWR, NAV, REC-1, REC-2, COMM, WAR, COLD, WILD	N/A
Yes	Multiple	Tropico Hill	Stream Channels	180902061705	Minor Surface Waters	MUN, AGR, GWR, NAV, REC-1, REC-2, COMM, WAR, COLD, WILD	N/A
Yes	Multiple	Town of Rosamond	Stream Channels	180902062404	Minor Surface Waters	MUN, AGR, GWR, NAV, REC-1, REC-2, COMM, WAR, COLD, WILD	N/A
Yes	Multiple	Soledad Mountain	Stream Channels	180902062002	Minor Surface Waters	MUN, AGR, GWR, NAV, REC-1, REC-2, COMM, WAR, COLD, WILD	N/A
Yes	Multiple	Town of Mojave	Stream Channels	180902062004	Minor Surface Waters	MUN, AGR, GWR, NAV, REC-1, REC-2, COMM, WAR, COLD, WILD	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
Yes	Multiple	Joshua Middle School	Stream Channels	180902062001	Minor Surface Waters	MUN, AGR, GWR, NAV, REC-1, REC-2, COMM, WAR, COLD, WILD	N/A
Yes	Multiple	Sanborn Hill	Stream Channels	180902062003	Minor Surface Waters	MUN, AGR, GWR, NAV, REC-1, REC-2, COMM, WAR, COLD, WILD	N/A
Yes	Multiple	Brown Butte	Stream Channels	180902062005	Minor Surface Waters	MUN, AGR, GWR, NAV, REC-1, REC-2, COMM, WAR, COLD, WILD	N/A
Yes	Multiple	Desert Butte-Cache Creek	Stream Channels	180902060401	Minor Surface Waters	MUN, AGR, GWR, NAV, REC-1, REC-2, COMM, WAR, COLD, WILD	N/A
Yes	Multiple	Barren Ridge	Stream Channels	180902060502	Minor Surface Waters	MUN, AGR, GWR, NAV, REC-1, REC-2, COMM, WAR, COLD, WILD	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
Yes	Multiple	North Fork Pine Tree Canyon-Pine Tree Canyon	Stream Channels	180902060501	Minor Surface Waters	MUN, AGR, GWR, NAV, REC-1, REC-2, COMM, WAR, COLD, WILD	N/A
Yes	Multiple	Town of Rancho Seco	Stream Channels	180902060504	Minor Surface Waters	MUN, AGR, GWR, NAV, REC-1, REC-2, COMM, WAR, COLD, WILD	N/A

II. Direct Impact Locations

Table 2: Temporary Fill/Excavation Impact Information

Impact Site ID	Acres	Linear Feet
Lower Bouquet Canyon	0.48	11352
	<u>0.56</u>	<u>12106</u>
San Francisquito Canyon	1.09	23124
	<u>1.12</u>	<u>23376</u>
Elizabeth Lake	0.02	705
	<u>0.15</u>	<u>1026</u>
Railroad Canyon	1.05	15551
	<u>1.08</u>	<u>15771</u>
Myrick Canyon	0.07	1900
		<u>1930</u>
Broad Canyon	0.004	148
Middle Amargosa Creek	0	0
Lower Amargosa Creek	0.02	111
Piute Ponds	0	0
Kings Canyon	0.02	173
180902062403	0	0
Tylerhorse Canyon	0.16	1228
Burham Canyon	0.16	740
	<u>0.17</u>	<u>782</u>
180902061702	0.04	134
	<u>0.02</u>	<u>218</u>
Bean Canyon	0.36	4727
	<u>0.39</u>	<u>4984</u>
Tropico Hill	0.69	6306
Town of Rosamond	0	0
Soledad Mountain	0.02	652
Town of Mojave	0.23	946
Joshua Middle School	0.71	3545
	<u>0.72</u>	<u>3610</u>
Sanborn Hill	0.22	2150

Impact Site ID	Acres	Linear Feet
Brown Butte	0.005	155
Desert Butte-Cache Creek	2.56	1610
Barren Ridge	6.41 <u>6.65</u>	15278 <u>15618</u>
North Fork Pine Tree Canyon-Pine Tree Canyon	3.00	3500
Town of Rancho Seco	0.02	471

Table 3: Permanent Fill/Excavation Impact Information

Impact Site ID	Acres	Linear Feet
Lower Bouquet Canyon	0.0001	10
San Francisquito Canyon	0.02	435
Elizabeth Lake	0	0
Railroad Canyon	0.02	436
Myrick Canyon	0	0
Broad Canyon	0	0
Middle Amargosa Creek	0	0
Lower Amargosa Creek	0	0
Piute Ponds	0	0
Kings Canyon	0	0
180902062403	0	0
Tylerhorse Canyon	0.001	6
Burham Canyon	0.001	6
180902061702	0	0
Bean Canyon	0	0

Impact Site ID	Acres	Linear Feet
Tropico Hill	0.001	6
Town of Rosamond	0	0
Soledad Mountain	0	0
Town of Mojave	0	0
Joshua Middle School	0	0
Sanborn Hill	0	0
Brown Butte	0	0
Desert Butte-Cache Creek	0.004	50
Barren Ridge	0.004	68
North Fork Pine Tree Canyon-Pine Tree Canyon	0.004	40
Town of Rancho Seco	0	0

III. Compensatory Mitigation Information

Table 4: Mitigation Bank

Mitigation Bank Name:	Petersen Ranch Mitigation Bank
Website:	https://landveritasmitigationbanks.com/petersen.html
Mitigation Bank Contact Name:	Marlene Tyner-Valencourt
Phone:	(248) 499-0805
Email:	Tyner-valencourt@wra-ca.com
Mitigation Location - County:	Los Angeles
Latitude:	34.646480
Longitude:	-118.222931

Table 5: Mitigation Type Information

Aquatic Resource Credit Type	Acres	Number of Credits Purchased
1600 Alluvial Floodplain Re-establishment	0.06	0.06