

## Receiving Waters

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

Impact Site ID	Waterbody Name	Impacted Aquatic Resource Type	Water Board Hydrologic Units	Receiving Waters	Receiving Waters Beneficial Uses	303d Listing Pollutant	eCRAM ID <sup>1</sup>
Seasonal Wetland 1	Unnamed tributary to Union Creek	Wetland	Suisun Bay 18050001	Suisun Slough	COMM, EST, MIGR, SPWN, RARE, WARM, WILD, REC-1, REC-2, and NAV		NA
Seasonal Wetland 2	Unnamed tributary to Barker Slough/ Sacramento-San Joaquin Delta	Wetland	Lower Sacramento 18020109	Sacramento-San Joaquin Delta	MUN, AGR, PROC, IND, REC-1, REC-2, WARM, COLD, MIGR, SPWN, WILD, and NAV		NA
Seasonal Wetland 3	Unnamed tributary to Barker Slough/ Sacramento-San Joaquin Delta	Wetland	Lower Sacramento 18020109	Sacramento-San Joaquin Delta	MUN, AGR, PROC, IND, REC-1, REC-2, WARM, COLD, MIGR, SPWN, WILD, and NAV		NA

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

Impact Site ID	Waterbody Name	Impacted Aquatic Resource Type	Water Board Hydrologic Units	Receiving Waters	Receiving Waters Beneficial Uses	303d Listing Pollutant	eCRAM ID <sup>1</sup>
Seasonal Wetland 4	Unnamed tributary to Barker Slough/ Sacramento-San Joaquin Delta	Wetland	Lower Sacramento 18020109	Sacramento-San Joaquin Delta	MUN, AGR, PROC, IND, REC-1, REC-2, WARM, COLD, MIGR, SPWN, WILD, and NAV		NA
Seasonal Wetland 5	Unnamed tributary to Union Creek	Wetland	Suisun Bay 18050001	Suisun Slough	COMM, EST, MIGR, SPWN, RARE, WARM, WILD, REC-1, REC-2, and NAV		NA
Seasonal Wetland 6	Unnamed tributary to Union Creek	Wetland	Suisun Bay 18050001	Suisun Slough	COMM, EST, MIGR, SPWN, RARE, WARM, WILD, REC-1, REC-2, and NAV		NA
Seasonal Wetland 7	Unnamed tributary to Union Creek	Wetland	Suisun Bay 18050001	Suisun Slough	COMM, EST, MIGR, SPWN, RARE, WARM, WILD, REC-1, REC-2, and NAV		NA

Impact Site ID	Waterbody Name	Impacted Aquatic Resource Type	Water Board Hydrologic Units	Receiving Waters	Receiving Waters Beneficial Uses	303d Listing Pollutant	eCRAM ID <sup>1</sup>
Seasonal Wetland 8	Unnamed tributary to Union Creek	Wetland	Suisun Bay 18050001	Suisun Slough	COMM, EST, MIGR, SPWN, RARE, WARM, WILD, REC-1, REC-2, and NAV		NA
Seasonal Wetland 9	Unnamed tributary to Union Creek	Wetland	Suisun Bay 18050001	Suisun Slough	COMM, EST, MIGR, SPWN, RARE, WARM, WILD, REC-1, REC-2, and NAV		NA
Seasonal Wetland 10	Unnamed tributary to Union Creek	Wetland	Suisun Bay 18050001	Suisun Slough	COMM, EST, MIGR, SPWN, RARE, WARM, WILD, REC-1, REC-2, and NAV		NA
Seasonal Wetland 11	Unnamed tributary to Union Creek	Wetland	Suisun Bay 18050001	Suisun Slough	COMM, EST, MIGR, SPWN, RARE, WARM, WILD, REC-1, REC-2, and NAV		NA

Impact Site ID	Waterbody Name	Impacted Aquatic Resource Type	Water Board Hydrologic Units	Receiving Waters	Receiving Waters Beneficial Uses	303d Listing Pollutant	eCRAM ID <sup>1</sup>
Seasonal Wetland 12	Unnamed tributary to Union Creek	Wetland	Suisun Bay 18050001	Suisun Slough	COMM, EST, MIGR, SPWN, RARE, WARM, WILD, REC-1, REC-2, and NAV		NA
Seasonal Wetland 13	Unnamed tributary to Union Creek	Wetland	Suisun Bay 18050001	Suisun Slough	COMM, EST, MIGR, SPWN, RARE, WARM, WILD, REC-1, REC-2, and NAV		NA
Seasonal Wetland 14	Unnamed tributary to Union Creek	Wetland	Suisun Bay 18050001	Suisun Slough	COMM, EST, MIGR, SPWN, RARE, WARM, WILD, REC-1, REC-2, and NAV		NA
Seasonal Wetland 15	Unnamed tributary to Union Creek	Wetland	Suisun Bay 18050001	Suisun Slough	COMM, EST, MIGR, SPWN, RARE, WARM, WILD, REC-1, REC-2, and NAV		NA

Impact Site ID	Waterbody Name	Impacted Aquatic Resource Type	Water Board Hydrologic Units	Receiving Waters	Receiving Waters Beneficial Uses	303d Listing Pollutant	eCRAM ID <sup>1</sup>
Seasonal Wetland 16	Unnamed tributary to Union Creek	Wetland	Suisun Bay 18050001	Suisun Slough	COMM, EST, MIGR, SPWN, RARE, WARM, WILD, REC-1, REC-2, and NAV		NA
Seasonal Wetland 17	Unnamed tributary to Union Creek	Wetland	Suisun Bay 18050001	Suisun Slough	COMM, EST, MIGR, SPWN, RARE, WARM, WILD, REC-1, REC-2, and NAV		NA
Seasonal Wetland 18	Unnamed tributary to Union Creek	Wetland	Suisun Bay 18050001	Suisun Slough	COMM, EST, MIGR, SPWN, RARE, WARM, WILD, REC-1, REC-2, and NAV		NA
Seasonal Wetland 19	Unnamed tributary to Union Creek	Wetland	Suisun Bay 18050001	Suisun Slough	COMM, EST, MIGR, SPWN, RARE, WARM, WILD, REC-1, REC-2, and NAV		NA

Impact Site ID	Waterbody Name	Impacted Aquatic Resource Type	Water Board Hydrologic Units	Receiving Waters	Receiving Waters Beneficial Uses	303d Listing Pollutant	eCRAM ID <sup>1</sup>
Seasonal Wetland 20	Unnamed tributary to Union Creek	Wetland	Suisun Bay 18050001	Suisun Slough	COMM, EST, MIGR, SPWN, RARE, WARM, WILD, REC-1, REC-2, and NAV		NA
Seasonal Wetland 21	Unnamed tributary to Union Creek	Wetland	Suisun Bay 18050001	Suisun Slough	COMM, EST, MIGR, SPWN, RARE, WARM, WILD, REC-1, REC-2, and NAV		NA
Seasonal Wetland 22	Unnamed tributary to Union Creek	Wetland	Suisun Bay 18050001	Suisun Slough	COMM, EST, MIGR, SPWN, RARE, WARM, WILD, REC-1, REC-2, and NAV		NA
Seasonal Wetland 23	Unnamed tributary to Union Creek	Wetland	Suisun Bay 18050001	Suisun Slough	COMM, EST, MIGR, SPWN, RARE, WARM, WILD, REC-1, REC-2, and NAV		NA

Impact Site ID	Waterbody Name	Impacted Aquatic Resource Type	Water Board Hydrologic Units	Receiving Waters	Receiving Waters Beneficial Uses	303d Listing Pollutant	eCRAM ID <sup>1</sup>
Seasonal Wetland 24	Unnamed tributary to Union Creek	Wetland	Suisun Bay 18050001	Suisun Slough	COMM, EST, MIGR, SPWN, RARE, WARM, WILD, REC-1, REC-2, and NAV		NA
Seasonal Wetland 25	Unnamed tributary to Union Creek	Wetland	Suisun Bay 18050001	Suisun Slough	COMM, EST, MIGR, SPWN, RARE, WARM, WILD, REC-1, REC-2, and NAV		NA
Seasonal Wetland 26	Unnamed tributary to Union Creek	Wetland	Suisun Bay 18050001	Suisun Slough	COMM, EST, MIGR, SPWN, RARE, WARM, WILD, REC-1, REC-2, and NAV		NA
Seasonal Wetland 27	Unnamed tributary to Union Creek	Wetland	Suisun Bay 18050001	Suisun Slough in the Suisun Basin	COMM, EST, MIGR, SPWN, RARE, WARM, WILD, REC-1, REC-2, and NAV		NA

**Individual Direct Impact Locations**

The following table shows individual impact locations.

<b>Table 2: Individual Direct Impact Information</b>											
Impact Site ID	Latitude	Longitude	Indirect Impact Requiring Mitigation		Direct Impact Duration	Dredge			Fill/Excavation		
			Yes	No		Acres	Cubic Yards	Linear Feet	Acres	Cubic Yards	Linear Feet
1. Seasonal Wetland 1	38.30244	-121.93919	<input type="checkbox"/>	<input type="checkbox"/>	Temporary						
					Permanent				0.004	6.453	28
2. Seasonal Wetland 2	38.30308	-121.93500	<input type="checkbox"/>	<input type="checkbox"/>	Temporary						
					Permanent				0.003	4.840	26
3. Seasonal Wetland 3	38.30281	-121.93507	<input type="checkbox"/>	<input type="checkbox"/>	Temporary						
					Permanent				0.008	12.907	39
4. Seasonal Wetland 4	38.30275	-121.93500	<input type="checkbox"/>	<input type="checkbox"/>	Temporary						
					Permanent				0.005	8.067	23
5. Seasonal Wetland 5	38.30170	-121.93479	<input type="checkbox"/>	<input type="checkbox"/>	Temporary						
					Permanent				0.001	1.613	7
6. Seasonal Wetland 6	38.30173	-121.93482	<input type="checkbox"/>	<input type="checkbox"/>	Temporary						
					Permanent				0.001	1.613	17
7. Seasonal Wetland 7	38.30176	-121.93482	<input type="checkbox"/>	<input type="checkbox"/>	Temporary						
					Permanent				<0.001	<1.613	4
8. Seasonal Wetland 8	38.30180	-121.93483	<input type="checkbox"/>	<input type="checkbox"/>	Temporary						
					Permanent				0.001	1.613	11
9. Seasonal Wetland 9	38.30183	-121.93479	<input type="checkbox"/>	<input type="checkbox"/>	Temporary						
					Permanent				<0.001	<1.613	4
10. Seasonal Wetland 10	38.30185	-121.93478	<input type="checkbox"/>	<input type="checkbox"/>	Temporary						

**Table 2: Individual Direct Impact Information**

Impact Site ID	Latitude	Longitude	Indirect Impact Requiring Mitigation		Direct Impact Duration	Dredge			Fill/Excavation		
			Yes	No		Acres	Cubic Yards	Linear Feet	Acres	Cubic Yards	Linear Feet
					Permanent				0.001	1.613	21
11. Seasonal Wetland 11	38.30180	-121.93472	<input type="checkbox"/>	<input type="checkbox"/>	Temporary						
					Permanent				0.002	3.227	25
12. Seasonal Wetland 12	38.30183	-121.93467	<input type="checkbox"/>	<input type="checkbox"/>	Temporary						
					Permanent				0.003	4.840	19
13. Seasonal Wetland 13	38.30190	-121.93467	<input type="checkbox"/>	<input type="checkbox"/>	Temporary						
					Permanent				0.001	1.613	11
14. Seasonal Wetland 14	38.30186	-121.93448	<input type="checkbox"/>	<input type="checkbox"/>	Temporary						
					Permanent				0.003	4.840	22
15. Seasonal Wetland 15	38.30188	-121.93434	<input type="checkbox"/>	<input type="checkbox"/>	Temporary						
					Permanent				0.004	6.453	29
16. Seasonal Wetland 16	38.30193	-121.93423	<input type="checkbox"/>	<input type="checkbox"/>	Temporary						
					Permanent				0.004	6.453	26
17. Seasonal Wetland 17	38.30204	-121.93411	<input type="checkbox"/>	<input type="checkbox"/>	Temporary						
					Permanent				0.005	8.067	32
18. Seasonal Wetland 18	38.30139	-121.94528	<input type="checkbox"/>	<input type="checkbox"/>	Temporary						
					Permanent				<0.001	<1.613	5
19. Seasonal Wetland 19	38.30140	-121.94526	<input type="checkbox"/>	<input type="checkbox"/>	Temporary						
					Permanent				0.001	1.613	12
20. Seasonal Wetland 20	38.30138	-121.94425	<input type="checkbox"/>	<input type="checkbox"/>	Temporary						
					Permanent				0.002	3.227	34
21. Seasonal Wetland 21	38.30136	-121.94323	<input type="checkbox"/>	<input type="checkbox"/>	Temporary						

**Table 2: Individual Direct Impact Information**

Impact Site ID	Latitude	Longitude	Indirect Impact Requiring Mitigation		Direct Impact Duration	Dredge			Fill/Excavation		
			Yes	No		Acres	Cubic Yards	Linear Feet	Acres	Cubic Yards	Linear Feet
					Permanent				0.001	1.613	38
22. Seasonal Wetland 22	38.30135	-121.94255	<input type="checkbox"/>	<input type="checkbox"/>	Temporary						
					Permanent				<0.001	<1.613	12
23. Seasonal Wetland 23	38.30135	-121.94237	<input type="checkbox"/>	<input type="checkbox"/>	Temporary						
					Permanent				<0.001	<1.613	14
24. Seasonal Wetland 24	38.30133	-121.93916	<input type="checkbox"/>	<input type="checkbox"/>	Temporary						
					Permanent				0.003	4.840	82
25. Seasonal Wetland 25	38.30131	-121.93904	<input type="checkbox"/>	<input type="checkbox"/>	Temporary						
					Permanent				<0.001	<1.613	5
26. Seasonal Wetland 26	38.30130	-121.93897	<input type="checkbox"/>	<input type="checkbox"/>	Temporary						
					Permanent				<0.001	<1.613	4
27. Seasonal Wetland 27	38.30143	-121.93899	<input type="checkbox"/>	<input type="checkbox"/>	Temporary						
					Permanent				0.001	1.613	16

**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:	Elsie Gridley Mitigation Bank		
	Website:	<a href="http://gridleymitigationbank.com/">http://gridleymitigationbank.com/</a>		
Contact Information	Name:	Ben Winslow		
	Phone:	(415) 441-5943		
	Email:	brwlaw@aol.com		
Mitigation Location	County:	Solano County		
	Latitude:	38.2973		
	Longitude:	-121.8084		
Aquatic Resource Credit Type	Mitigation Method	Mitigation Quantity		
		Acres	Linear Feet	Number of Credits Purchased
Wetland	Establishment	0.06		

Table 4 Mitigation Bank				
Mitigation Bank	Name:	Muzzy Ranch Conservation Bank		
	Website:	<a href="http://www.muzzyranch.com">http://www.muzzyranch.com</a>		
Contact Information	Name:	Chris Stump		
	Phone:	(707) 864-6550 or (707) 580-0521		
	Email:	cstump@muzzyranch.com		
Mitigation Location	County:	Solano County		
	Latitude:	38.2787		
	Longitude:	-121.8791		
Aquatic Resource Credit Type	Mitigation Method	Mitigation Quantity		
		Acres	Linear Feet	Number of Credits Purchased
Wetland	Enhancement	1.80		