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Receiving Waters

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

Site ID	Waterbody Name	Impacted Aquatic Resource Type	Water Board Hydrologic Units	Receiving Waters	Receiving Waters Beneficial Uses
724654	Quiota Creek	Stream	314.4	Lower Santa Ynez River	AGR, COLD, COMM, FRSH, GWR, IND, MIGR, MUN, PROC, RARE, REC1, REC2, SPWN, WARM, WILD
724655	South Fork Noyo River	Stream	113.2	Noyo River	MUN, AGR, IND, GWR, FRSH, NAV, POW, REC1, REC2, COMM, COLD, WILD, RARE, MIGR, SPWN, EST, AQUA
724656	Green Valley Creek	Stream	114.1	Low Russian River	MUN, AGR, IND, GWR, FRESH, NAV, REC1, REC2, COMM, WARM, COLD, WILD, RARE, MIG, SPWN, EST
724673	San Gregorio Creek	Stream	202.3	San Gregorio Creek	AGR, COLD, MIGR, RARE, REC2, REC1, SPWN, WARM, WILD
724684	East Branch Little North Fork Big River	Stream	113.3	Big River	MUN, AGR, IND, GWR, FRSH, NAV, REC1, REC2, COMM, COLD, WILD, RARE, MIGR, SPWN, EST
724685	Baechtel Creek	Riparian	111.61	Outlet Creek	MUN, AGR, IND, GWR, NAV, REC1, REC2, COMM, COLD, WILD, RARE, MIGR, SPWN, EST, AQUA
724694	Bottom Creek, Little North Fork Navarro River	Stream	113.5	Navarro Garcia River	MUN, AGR, IND, GWR, FRSH, NAV, REC1, REC2, COMM, COLD, WILD, RARE, MIGR, SPWN, EST
724697	Big Rock Creek	Riparian	111.6	Upper South Fork Eel River	MUN, AGR, IND, GWR, FRSH, NAV, POW, REC1, REC2, COMM, WARM, COLD, WILD, RARE, MIGR, SPWN, AQUA

Site ID	Waterbody Name	Impacted Aquatic Resource Type	Water Board Hydrologic Units	Receiving Waters	Receiving Waters Beneficial Uses
724702	Lagunitas Creek/Olema Creek	Stream	201.13	Lagunitas Creek	AGR, COLD, MIGR, MUN, RARE, REC2, REC1, SPWN, WARM, WILD, FRSH
724705	Burbeck Creek/Noyo River	Stream	113.2	Noyo River	MUN, AGR, IND, GWR, FRSH, NAV, POW, REC1, REC2, COMM, COLD, WILD, RARE, MIGR, SPWN, EST, AQUA
724706	James Creek	Stream	113.3	Big River	MUN, AGR, IND, GWR, FRSH, NAV, REC1, REC2, COMM, COLD, WILD, RARE, MIGR, SPWN, EST
724714	Knownothing Creek/Methodist Creek	Stream	105.2	South Fork Salmon River	MUN, AGR, IND, FRSH, NAV, REC1, REC2, COMM, COLD, WILD, RARE, MIGR, SPWN, CUL
724717	Felta Creek	Stream	114.1	Dry Creek (Russian)	MUN, AGR, IND, GWR, FRSH, NAV, REC1, REC2, COMM, WARM, COLD, WILD, RARE, MIG, SPWN, EST
724735	East Anderson Creek/McKee Creek	Riparian	112.3	Mattole River	MUN, AGR, IND, GWR, FRSH, NAV, REC1, REC2, COMM, COLD, WILD, RARE, MIGR, SPWN, EST, AQUA
724738	Jameson Creek/North Fork Strong's Creek/Strong's Creek	Stream	111.1	Salt River-Lower Eel River	MUN, AGR, IND, GWR, FRSH, NAV, REC1, REC2, COMM, COLD, WILD, RARE, MIGR, SPWN
724741	Kenny Creek	Stream	111.6	Bucknell Creek-Upper Eel River	MUN, AGR, IND, GWR, FRSH, NAV, POW, REC1, REC2, COMM, WARM, COLD, WILD, RARE, MIGR, SPWN, AQUA
724742	McKee Creek	Stream	112.3	Mattole River	MUN, AGR, IND, GWR, FRSH, NAV, REC1, REC2, COMM, COLD, WILD, RARE, MIGR, SPWN, EST, AQUA
724744	Anderson Creek	Stream	111.4	Middle	MUN, AGR, IND, GWR,

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				South Fork Eel River	FRSH, NAV, POW, REC1, REC2, COMM, WARM, COLD, WILD, RARE, MIGR, SPWN
724745	Olds Creek	Stream	113.2	Noyo River	MUN, AGR, IND, GWR, FRSH, NAV, POW, REC1, REC2, COMM, COLD, WILD, RARE, MIGR, SPWN, EST, AQUA
724764	Anderson Creek/ Eel River/Indian Creek/South Fork Eel River	Stream	111.4	Middle South Fork Eel River	MUN, AGR, IND, GWR, FRSH, NAV, POW, REC1, REC2, COMM, WARM, COLD, WILD, RARE, MIGR, SPWN
724766	Morrison Gulch	Stream	110.0	Humboldt Bay- Frontal Pacific Ocean	MUN, AGR, IND, FRSH, NAV, REC1, REC2, COMM, COLD, WILD, RARE, MAR, MIGR, SPWN, SHELL, EST, AQUA, CUL
724773	South Fork Scott River	Stream	105.4	French Creek-Scott River	MUN, AGR, IND, GWR, FRSH, NAV, POW, REC1, REC2, COMM, COLD, WILD, RARE, MIGR, SPWN, AQUA
724776	Rowdy Creek	Stream	103.12	Smith River-Frontal Pacific Ocean	MUN, AGR, IND, GWR, FRSH, NAV, POW, REC1, REC2, COMM, COLD, WILD, RARE, MIGR, SPWN, AQUA
724781	Bear Wallow Creek/Huckleberry Creek	Stream	111.4	Middle South Fork Eel River	MUN, AGR, IND, GWR, FRSH, NAV, POW, REC1, REC2, COMM, WARM, COLD, WILD, RARE, MIGR, SPWN
724782	East Branch South Fork Eel River/Mainstem Eel River/South Fork Eel River	Riparian	111.4	Middle South Fork Eel River	MUN, AGR, IND, GWR, FRSH, NAV, POW, REC1, REC2, COMM, WARM, COLD, WILD, RARE, MIGR, SPWN
724784	Redwood Creek	Stream/Riparian	111.1	Lower	MUN, AGR, IND, GWR,

Site ID	Waterbody Name	Impacted Aquatic Resource Type	Water Board Hydrologic Units	Receiving Waters	Receiving Waters Beneficial Uses
				South Fork Eel River	FRSH, NAV, REC1, REC2, COMM, WARM, COLD, WILD, RARE, MIGR, SPWN
724789	Redwood Creek	Stream/Riparian	111.1	Lower South Fork Eel River	MUN, AGR, IND, GWR, FRSH, NAV, REC1, REC2, COMM, WARM, COLD, WILD, RARE, MIGR, SPWN
724794	East Fork Ryan Creek	Stream	110.0	Humboldt Bay- Frontal Pacific Ocean	MUN, AGR, IND, FRSH, NAV, REC1, REC2, COMM, COLD,WILD, RARE, MAR, MIGR, SPWN, SHELL, EST, AQUA, CUL
724797	Blue Waterhole Creek/Garcia River	Stream	113.5	Navarro Garcia River	MUN, AGR, IND, GWR, FRSH, NAV, REC1, REC2, COMM, COLD,WILD, RARE, MIGR, SPWN, EST

Individual Direct Impact Locations

The following table shows individual impact locations.

Table 2: Individual Direct Impact Information

Site ID	Latitude	Longitude	Project Name and Description	Direct Impact Duration	Fill/Excavation		Area & Length Restored		
					Acres	Linear Feet	Restoration Method	Acres	Linear Feet
724654	34.561	-120.086	Quiota Creek Fish Passage Improvement, Crossing 4: Project activities include the removal of a low-flow concrete crossing at crossing 4 and replacing it with a 53 foot-span bridge system.	Temporary (Stream)	0.0005	211	Rehabilitation	0.0005	211
				Permanent (Stream)	0	0	Rehabilitation	7.2	17,424
724655	39.389	-123.682	South Fork Noyo River Instream Habitat Enhancement Project: Project activities include the installation of 65 pieces of large woody debris to construct 33 instream log structures to enhance pools, increase gravel sorting, and increase habitat complexity.	Temporary (Stream)	0	0	NA	0	0
				Permanent (Stream)	0.2204	2112	Enhancement	7.7	11194
724656	38.451	-122.927	Upper Green Valley Creek Fish Passage Implementation Project: Project activities include the removal on an existing culvert, concrete debris, and an abandoned upstream check-dam, the installation of a bridge system with an open bottom, and the construction of a 157 ft step-pool.	Temporary (Stream)	0.0005	145	Rehabilitation	0.0005	145
				Permanent (Stream)	0	0	Rehabilitation	3.3	4805
724673	37.311	-122.312	San Gregorio Creek Habitat Enhancement Project (Phase 2): Project activities include the placement of 38-56 pieces of large woody debris at 14 locations in San Gregorio Creek.	Temporary (Stream)	0	0	NA	0	0
				Permanent (Stream)	0.734	112	Rehabilitation	2.55	2218
724684	39.339	-123.650	East Branch Little North Fork LWD and Instream Barrier Modification: Project Activities include the installation of 65 pieces of large woody debris to create 25 instream features and the excavation and stabilization of a landslide which is impeding passage for salmonids.	Temporary (Stream)	0	0	NA	0	0
				Permanent (Stream)	0.0895	130	Rehabilitation	1.26	6864

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Site ID	Latitude	Longitude	Project Name and Description	Direct Impact Duration	Fill/Excavation		Area & Length Restored		
					Acres	Linear Feet	Restoration Method	Acres	Linear Feet
724685	39.379	-123.354	Baechtel Creek Riparian and Coho Habitat Enhancement Project: Project activities include the installation of cattle exclusion riparian fencing along 220 feet of Baechtel Creek, the creation of alternate water sources to address livestock needs, and the re-vegetation of riparian trees and shrubs.	Temporary	0	0	NA	0	0
				Permanent (Riparian)	0.0025	220	Enhancement	0.25	220
724694	39.198	-123.475	Little Fork Navarro River Coho Stream Habitat Enhancement Project: Project activities include the installation of 65 pieces of large woody debris to create 33 instream features.	Temporary	0	0	NA	0	0
				Permanent (Stream)	0.0895	528	Enhancement	1.66	3,610
724697	39.729	-123.527	Big Rock Creek Riparian and Coho Habitat Enhancement Project: Project activities include the installation of riparian fencing along both banks of the creek and the creation of an alternative water source for livestock. Activities also include re-vegetation of targeted areas along the riparian corridor.	Temporary	0	0	NA	0	0
				Permanent (Riparian)	0.15	13200	Re-establishment	20.25	13200
724702	38.049	-122.759	Lagunitas Creek Winter Habitat Enhancement Implementation (Phase II): Activities include the construction of winter habitat enhancement work at five sites identified in recently completed assessment and design reports. Habitat enhancement work includes the installation of logs with rootwads, and other types of logs, in order to create retention jams.	Temporary (Stream)	0	0	NA	0	0
				Permanent (Stream)	0.17	255	Enhancement	0.97	2640
724705	39.421	-123.434	Noyo Headwaters Instream Habitat Enhancement Project: Activities include the installation of 70 pieces of large woody debris to create 30 in-stream features along a 3880 foot section of the Noyo River and Burbeck Creek.	Temporary (Stream)	0	0	NA	0	0
				Permanent (Stream)	0.0964	898	Enhancement	1.33	3854
724706	39.352	-123.510	James Creek Fish Barrier Modification Project: Project activities include the removal	Temporary (Stream)	0.2424	528	Rehabilitation	0.2424	528

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Site ID	Latitude	Longitude	Project Name and Description	Direct Impact Duration	Fill/Excavation		Area & Length Restored		
					Acres	Linear Feet	Restoration Method	Acres	Linear Feet
			of a fish passage barrier by modifying and improving a modified bedrock cascade.	Permanent (Stream)	0	0	Rehabilitation	8.24	17,952
724714	41.241	-123.292	South Fork Salmon River Tributary Salmonid Habitat Enhancement Project: Project activities include the construction of 22 large woody debris structures using a combination of anchored and unanchored techniques, using 110 logs over 3.15 miles of stream.	Temporary (Stream)	0	0	NA	0	0
724717	38.568	-122.911	Felta Creek Stream Habitat Enhancement Project: Project activities include the installation of 31 pieces of large woody debris to create habitat complexity pools at 11 different project sites.	Temporary	0	0	NA	0	0
724735	40.067	-123.958	Mattole Flow Program-Tributary Water Storage and Forbearance: Activities include the installation of 250,000 gallon water storage tank to save water for dry months. Project goals include agreements on seasonal restrictions on corresponding water rights to improve summer flows. Although project activities would not result in the restoration or enhancement of the stream, activities would result in the conservation of 7.8 acres feet of water diversions per year during the dry months.	Permanent (Stream)	0.0427	4330	Enhancement	2.68	4330
				Temporary	0	0	NA	0	0
				Permanent (Riparian)	0.324	10	Enhancement (Stream)	9.09	19800
724738	40.580	-124.147	Fish Passage Improvements at South Fortuna Boulevard: Project activities include the construction of a 40-foot long roughened rock chute downstream of the South Fortuna Boulevard crossing to raise the channel bed two feet. Activities would result in the velocity reduction for passage of juvenile fish and provide access to 10.95 miles of historical habitat for coho salmon.	Temporary (Stream)	0.1212	264	Rehabilitation	0.1212	264
				Permanent (Stream)	0	0	Rehabilitation	39.82	57816

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Site ID	Latitude	Longitude	Project Name and Description	Direct Impact Duration	Fill/Excavation		Area & Length Restored		
					Acres	Linear Feet	Restoration Method	Acres	Linear Feet
724741	39.660	-123.367	Kenny Creek Fish Passage Improvement Project: Project activities include the replacement of a privately owned fish crossing that is considered a complete fish passage barrier to up-stream migration. The stream crossing will be replaced with a bridge that will allow salmonid access to 2.6 miles of high quality upstream channel habitat.	Temporary (Stream)	0.0242	53	Rehabilitation	0.0242	53
				Permanent (Stream)	0	0	Rehabilitation	4.41	13728
724742	40.061	-123.962	McKee Creek Instream Habitat Restoration: Project activities include the installation of 18 in-stream structures at 13 locations.	Temporary (Stream)	0	0	NA	0	0
				Permanent (Stream)	0.1185	552	Enhancement	0.73	2112
724744	39.928	-123.894	Anderson Creek Sediment Reduction and Coho Recovery Project: Project activities include the permanent decommissioning of 1.49 miles of hydrologically connected road reaches including 17 individual features preventing approximately 8,270 cubic yards of sediment from entering the watershed.	Temporary (Stream)	0.2424	528	Rehabilitation	0.2424	528
				Permanent (Stream)	0	0	Enhancement	0.18	528
724745	39.420	-123.499	Olds Creek Instream Coho Salmon Habitat Enhancement Project: Activities include the placement of 105 pieces of large woody debris to 1.13 miles of high priority salmonid habitat.	Temporary (Stream)	0	0	NA	0	0
				Permanent (Stream)	0.1446	2957	Enhancement	2.04	5914
724764	39.928	-123.894	Anderson Creek Habitat Enhancement Project for Coho Recovery (Phase II): Project activities include the replacement of large woody debris for the purpose of increasing habitat complexity within a 1.4 miles section of the creek.	Temporary (Stream)	0	0	NA	0	0
				Permanent (Stream)	0.1928	300	Enhancement	5.1	7392
724766	40.817	-124.043	Morrison Gulch Coho Habitat Improvement Project: Activities include the construction of 11 log structures along 0.5 miles of the creek	Temporary (Stream)	0	0	NA	0	0

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Site ID	Latitude	Longitude	Project Name and Description	Direct Impact Duration	Fill/Excavation		Area & Length Restored		
					Acres	Linear Feet	Restoration Method	Acres	Linear Feet
			to enhance flatwater habitat types and shallow pools through increased logjam and woody debris complexity.	Permanent (Stream)	0.0537	528	Enhancement	0.61	2640
724773	41.289	-122.835	Scott River Instream habitat Restoration Project: Project activities include the construction of large wood structures at three locations to enhance floodplain connection and increase stream channel habitat.	Temporary	0	0	NA	0	0
724776	41.939	-124.099	Rowdy Creek Instream Habitat Enhancement Project (Reach IV): Project activities include the placement of 78 or more logs to create 18 large woody debris in-stream structures along 1,135 feet of Rowdy Creek. The project activities also include the enhancement of riparian habitat by installing 500 native conifer species to provide for future large woody debris recruitment.	Permanent (Stream)	0.0262	60	Enhancement	2.04	1109
				Temporary	0	0	NA	0	0
				Permanent (Stream)	0.1074	792	Enhancement	1.21	1056
				Permanent (Riparian)	0	0	Re-establishment	5.3	1056
724781	39.733	-123.723	Hollow Tree Tributary Complex Instream Restoration Project (Phase II): Project activities include placement of 23 large woody debris feature containing 96 logs/rootwads that will enhance pools, increase gravel sorting and provide for increased habitat complexity. The project also includes the planting of 1000 conifers for increased shade and future recruitment.	Temporary	0	0	NA	0	0
				Permanent (Stream)	0.1322	192	Enhancement	1.94	4224
				Permanent	0	0	Re-establishment (riparian)	11	4224

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Site ID	Latitude	Longitude	Project Name and Description	Direct Impact Duration	Fill/Excavation		Area & Length Restored		
					Acres	Linear Feet	Restoration Method	Acres	Linear Feet
724782	39.928	-123.763	Greater Eel River Arundo Eradication (Phase III): Project activities include the treatment of six new arundo infestations, retreatment of older infestations, scout and arrange treatment of new features. Areas will be re-vegetated with native species to treat erosion and return riparian function and health.	Temporary (Riparian)	0.06	53	Rehabilitation	0.06	53
				Permanent (Riparian)	0.02	53	Enhancement	0.02	53
724784	40.110	-123.895	Redwood Creek Instream Habitat Improvement Project - Jakubal: Project activities include the placement of 8 large woody debris and boulder features consisting of 47 wood pieces and 14 tons of boulders on a 1,300 foot section of Redwood Creek to increase habitat complexity, enhance pools, and increase gravel sorting.	Temporary	0	0	NA	0	0
				Permanent (Stream)	0.0647	266	Enhancement	0.91	1320
724789	40.100	-123.907	Redwood Creek Instream Habitat Improvement Project – Schroeder: Project activities include the placement of 8 large woody debris features consisting of 37 wood pieces and 60 tons of boulders on a 1,300 foot section of Redwood Creek to provide increased habitat complexity, enhance pools, and increase gravel sorting.	Temporary	0	0	NA	0	0
				Permanent (Stream)	0.051	810	Rehabilitation	1.21	1320
				Permanent (Riparian)	0	0	Re-establishment	11	1320
724794	40.731	-124.103	East Fork Ryan Creek Sediment Reduction and Habitat Enhancement Project: Project activities include the decommissioning and erosion prevention work on 0.9 miles of degraded road just above prime coho habitat.	Temporary (Stream)	0.4364	4752	Rehabilitation	0.4364	4752
				Permanent (Stream)	0	0	Enhancement	3.4	950
724797	38.939	-123.495	Blue Waterhole Creek Sediment Reduction and Coho Habitat Enhancement Project:	Temporary (Stream)	0.0413	6864	Rehabilitation	0.0413	6864

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Site ID	Latitude	Longitude	Project Name and Description	Direct Impact Duration	Fill/Excavation		Area & Length Restored		
					Acres	Linear Feet	Restoration Method	Acres	Linear Feet
			Project activities include the decommissioning of 1.3 miles of road and installation of 10 large woody debris structures in Blue Waterhole.	Permanent (Stream)	0.0978	60	Enhancement	6.41	12144