

Marin Coastal Watersheds Permit Coordination Program 2025 COW MILC Restoration Projects
10/8/2025, public comment period 10/8/2025 - 11/12/2025

Site Number	Watershed	Envir. Setting and Vegetation	Project Goals	Proposed Practice(s)	Project Actions and Sizing	Expected Permits	Potential for Listed Species	Funding Source
2025-01	Stemple Creek	Open pasture in rolling hills bisected by a small intermittant stream. Recent headcut upstream, culvert crossing downstream.	1000 Linear feet of riparian restoration, including plantings, biotechnical channel headcut stabilization, exclusion fencing, and extension of a culvert at the cossing.	Prescribed Grazing (528) Fence (382) Critical Area Planting (342) Riparain Forest Buffer (391) Mulching (484) Grade Stabilization Structure (410), Stream Crossing (578)	2,000 -3,000 feet of exclusion fence, erosion control methods such as biodegradable waddles and fabric, live staking and planting. 300 plants, 236 cages, replace existing culvert, widen by 15 feet for farm equipment	CDFW 1600, USACE Nationwide or 404 Maint Exempt, Water Board R1 Rural roads or dairy order, Coastal Zone AG Cat Excludable	CA Red Legged Frog (CRLF) low likelihood, badgers	Marin County Measure A, Water Board grant COW MILC
2025-02	Stemple Creek	Dairy along low terrace above a creek, below a rise to pastures. Work occurs on previously developed dairy facilities and an existing pasture access road.	Improve manure management system by diverting freshwater and upgrading manure catchment. Improve pasture access and reduce sediment runoff with access road regrading.	Access Road (560) Roof Runoff Structure (558) Waste Transfer (634) Waste Storage (313) Heavy Use Area Protection (561)	Manure management: <5,000 sf concrete flatwork, <2,000 lf pipe, <200 lf gutter. Access Road: regrade <15,000 square foot. Balance grading volume cut/fill if possible	County Grading Exemption, Coastal Zone AG Cat Non-Excludable	Low likelihood CA Red Legged Frog, Two Fork Clover, Golden Larkspur	319 COW MILC
2025-03	Stemple Creek	Existing dairy adjacent to a tributary to Stemple Creek. The manure pit is located at the top of the creek bank along a reach of the creek that is kept as mowed grass.	Improve manure management system performance and ensuring no interaction with adjacent stream by raising manure pit rim height and upgrading manure pump.	Waste Transfer (634) Structure for Water Control (587)	15 hp electric manure pump, cast in place concrete curbing around manure pit. <18" wide x 2' tall x 65' long	n/a (Coastal Zone AG Cat Non-Excludable)	Nesting Birds, CRLF	319 COW MILC
2025-04	Stemple Creek	Within and adjacent to existing barn within the pastures of dairy facility. A tributary to Stemple Creek is about 60 feet away and 25 feet lower than the edge of the pad.	Improve manure management with installation of electric automated barn scrapers. Reduce sediment runoff at turnaround adjacent to barn with paved heavy use area.	Heavy Use Area Protection (561) Waste Transfer (634)	7,500 sq ft concrete pad, 2 electric barn scrapers that can scrape 2 lanes each.	n/a	Burrowing owl (winter)	319 COW MILC
2025-05	Stemple Creek	Crossing near headquarters of a goat and sheep dairy. Annual and perennial grasses and forbes on hillside pastures and orchard. Riparian zone has trees upstream is thick himalayan blackberry and hemlock.	Replace a failed culvert at a stream crossing to restore functionality and protect water quality	Stream Crossing (578)	Remove existing disjointed pipe culvert sections and replace with existing 24"RCP /4ft lengths x3 for a 12' drive isle. Cast in place concrete headwalls at up and downstream.	CDFW 1600, USACE Nationwides, Water Board R1 Rural roads or dairy order, County Grading Exemption, Coastal Zone AG Cat Excludable	Nesting Birds, pond turtle in adjacent grasslands, CRLF	319 COW MILC
2025-06A	Drakes Bay	Historic dairy towards the end of the Point Reyes penninsula. Grasses and forbes in impacted pastures, around barns and on berms forming manure ponds	Decommission manure ponds safely and preserve beneficial habitat characteristics.	Grassed Water Way (412) Lined Water Way (468) Structure for Water Control (587) Grade Control Structure (410)	Grading spillways out of former manure ponds or flattening them entirely. <500 cubic yards of earthwork per grassed or lined waterway, <1000 cubic yards per water control structure	NEPA, possible CDFW 1600. all practices are in Park's GMPA	CRLF	319 COW MILC
2025-06B	Drakes Bay	Historic dairy towards the end of the Point Reyes penninsula. Grasses and forbes in impacted pastures, around barns and on berms forming manure ponds	Decommission manure ponds safely and preserve beneficial habitat characteristics.	Grassed Water Way (412) Lined Water Way (468) Structure for Water Control (587) Grade Control Structure (410)	Grading spillways out of former manure ponds or flattening them entirely. <500 cubic yards of earthwork per grassed or lined waterway, <1000 cubic yards per water control structure	NEPA, possible CDFW 1600. all practices are in Park's GMPA	CRLF	319 COW MILC
2025-06C	Drakes Bay	Historic dairy towards the end of the Point Reyes penninsula. Grasses and forbes in impacted pastures, around barns and on berms forming manure ponds	Decommission manure ponds safely and preserve beneficial habitat characteristics.	Grassed Water Way (412) Lined Water Way (468) Structure for Water Control (587) Grade Control Structure (410)	Grading spillways out of former manure ponds or flattening them entirely. <500 cubic yards of earthwork per grassed or lined waterway, <1000 cubic yards per water control structure	NEPA, possible CDFW 1600. all practices are in Park's GMPA	CRLF	319 COW MILC
2025-07	Stemple Creek	Existing dairy in a draw adjacent to a tributary to Stemple Creek. The manure pit is located between barns along the creek with blackberries and willow trees.	Improve manure management system performance by replacing manure pump, agitator and components of the fertigation system.	Waste Transfer (634)	New agitator and trailer mounted manure pump and hoses and fittings for reel-based sprinkler system.	n/a (Coastal Zone AG Cat Non-Excludable)	CRLF	CDFA's Alternative Manure Management Program (AMMP), 319 COW MILC