

**STATE OF CALIFORNIA
REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL COAST REGION**

STAFF REPORT FOR REGULAR MEETING OF JUNE 28-29, 2018
Prepared on June 7, 2018

ITEM NUMBER: 13

SUBJECT: Executive Officer's Report to the Board

STAFF CONTACT: John Robertson 805/549-3140 or John.Robertson@waterboards.ca.gov

This item presents a brief discussion of issues that may interest the Board. Upon request, staff can provide more detailed information about any particular item.

WATER QUALITY CERTIFICATIONS

[Phil Hammer 805/549-3882]

The tables on the following pages list applications received and certifications issued from March 20, 2018 – May 4, 2018.

401 Water Quality Certification Applications Received March 20, 2018 – May 4, 2018.

Applicant	Date Received	Project Title	Project Purpose	Location	County	Receiving Water	Proposed Total Impact ¹	Status
California American Water Company- Ian Crooks	3/20/2018	Monterey Peninsula Water Supply	To replace existing water supplies that have been constrained by legal decisions affecting the Carmel River and Seaside Groundwater Basin water resources.	Un-incorporated Monterey Co.	Monterey	Salinas River Lagoon	0.0004 acres/ 9 linear feet	Incomplete application
City of Arroyo Grande-Teresa McClish	3/23/2018	Bridge Street Bridge Rehabilitation	To rehabilitate the existing Bridge Street Bridge to increase carrying capacity, improve safety, and upgrade bridge railings to current standards.	Arroyo Grande	San Luis Obispo	Arroyo Grande Creek	0.88 acres/ 401.4 linear feet	Under staff review
City of Pismo Beach- Benjamin Fine	3/23/2018	Bello Street Bridge Replacement	To replace the existing structurally deficient Bello Street Bridge to construct a new, structurally sound, safe crossing above Pismo Creek.	Pismo Beach	San Luis Obispo	Pismo Creek	0.74 acres/ 439.8 linear feet	Under staff review
Frantoio Grove- Jeff Martin	3/27/2018	Frantoio Grove	To realign and widen West Branch Llagas Creek to meet flood standards.	San Martin	Santa Clara	West Branch Llagas Creek	0.77 acres/ 2237 linear feet	Withdrawn
County of Santa Cruz Dept. of Public Works- Jeff De Los Santos	3/28/2018	Redwood Road Over Brown's Creek Tributary Bridge Replacement	To replace the Redwood Road Bridge over Brown's Creek Tributary and improve the approach roadways to the bridge.	Santa Cruz	Santa Cruz	Redwood Creek	0.036 acres/ 120 linear feet	Under staff review
Mark Fruin	3/28/2018	340 Baker Road Creek Restoration	To restore a creek that was recontoured without permits back to its original condition.	Aptos	Santa Cruz	Trout Creek	0.46 acres/ 1090 linear feet	Under staff review
Monterey Bay Aquarium- Julie Packard	3/30/2018	Seawater Intake Pipeline Support System	To revise the structural support system for the seawater intake pipelines to connect the supports directly to bedrock so the sand	Monterey	Monterey	Monterey Bay	0.01817 acres	Under staff review

Applicant	Date Received	Project Title	Project Purpose	Location	County	Receiving Water	Proposed Total Impact ¹	Status
		Remediation	migrations undercutting the supports and pipelines will have minimal effects on the function of the pipeline.					
United States Forest Service- Kristie Klose	3/30/2018	Davy Brown and Munch Creek Aquatic Organism Passage	To enhance aquatic organism passage and augment stream expanse and connections through the Manzana Creek and Sisquoc River watersheds.	Sunset Valley	Santa Barbara	Manzana Creek, Davy Brown Creek	0.0431 acres/ 420 linear feet	Under staff review
UCP Soledad, LLC- Michael Cady	3/30/2018	Bryant Canyon Channel Outfall	To complete buildout of the stormwater system that was approved in the Summerfield Phase 3 residential subdivision.	Soledad	Monterey	Bryant Canyon Channel	0.065 acres/ 114 linear feet	Under staff review
Monterey County Public Works- Enrique Saaverdra	4/18/2018	Garrapatos Valley Road Emergency Repair	To perform emergency repairs along Garrapatos Road due to large storm events in 2017 that caused high flows and debris build up.	Un-incorporated Monterey Co.	Monterey	Garrapata Creek	0.008 acres/ 80 linear feet	Incomplete application
Kitayama Brothers- Stuart Kitayama	4/20/2018	San Andreas Gully Repair	To replace failed on-farm infrastructure damaged by winter storms to safely convey stormwater.	Watsonville	Santa Cruz	Struve Slough	0.035 acres/ 65 linear feet	Incomplete application
Bruce Walance	4/23/2018	8411 Hihn Road Storm Damage Repair	To repair damages caused by winter storms by removing debris and installing a culvert.	Ben Lomond	Santa Cruz	Unnamed ephemeral swale	0.025 acres/ 256 linear feet	Under staff review
Carmel Area Wastewater District- Drew Lander	4/30/2018	Calle La Cruz Pipeline Replacement	To replace a section of an existing aboveground treated wastewater outfall and a temporary sewage force main.	Carmel	Monterey	Carmel River	0.25 acres	Incomplete application
Hollister Enterprise, LLC- Peter Hellmann	5/4/2018	Roberts Ranch Residential Development	To construct a residential subdivision on the southeastern edge of Hollister.	Hollister	San Benito	San Benito River	0.08 acres	Under staff review

[1] Total Impact includes both temporary and permanent impacts to waters.

401 Water Quality Certifications Issued March 20, 2018 – May 4, 2018.

Applicant	Date Certified	Project Title	Project Purpose	Location	County	Receiving Water	Includes LID Retention Feature ²	Total Impact ¹
Alan and Rebecca Vander Horst	3/23/2018	La Lomita Ranch Conditional Use Permit	To modify existing ranch facilities into a lodging and event center for up to 52 temporary events per year.	North end of Edna Valley	San Luis Obispo	Unnamed Tributary to San Luis Creek	Y	0.4 acres
Moss Landing Harbor District- Linda McIntyre	3/26/2018	Moss Landing Harbor District Maintenance Dock and Floating Dock Pile Replacement	To replace two previously removed support piles for timber abutment/dock access ramp and one damaged floating dock guide pile.	Moss Landing	Monterey	Moss Landing Harbor	N/A	0.000024
Moss Landing Harbor District- Linda G. McIntyre	4/3/2018	Moss Landing Harbor Dredging	To maintain navigable depths with the channels used to access the Harbor's docks, and maintain the depths necessary in front of the power plant cooling water intake pipes to allow unimpeded water flow.	Moss Landing	Monterey	Moss Landing Harbor	N/A	25.70 acres/ 8,328 linear feet
Caltrans- Karen Holmes	4/23/2018	La Gloria Road Curve Correction	To improve the safety of a segment of State Route 25 by reducing the quantity and severity	Un-incorporated San Benito	San Benito	Unnamed intermittent stream	N	0.032 acres/ 54.5

Applicant	Date Certified	Project Title	Project Purpose	Location	County	Receiving Water	Includes LID Retention Feature ²	Total Impact ¹
			of roadway departure collisions.	County				linear feet
California State Parks- Mike Brown	4/24/2018	Gaviota Pier Repair	To repair Gaviota Pier to protect the pier abutment and prevent further instability caused by storms.	Gaviota	Santa Barbara	Pacific Ocean	N/A	0.0304 acres
Caltrans- Karen Holmes	4/30/2018	Salinas River Bridge Seismic Retrofit	To improve serviceability and stability of both northbound and southbound bridge structures during moderate earthquakes, and to upgrade the bridge railing to current standards.	King City	Monterey	Salinas River	N	22.081 acres
San Mateo County Dept. of Public Works- Julie Casagrande	5/1/2018	Emergency Gazos Creek Road Slip-Out Repair	To repair a failed section of embankment to prevent imminent roadway failure and sediment delivery to Gazos Creek.	Un-incorporated San Mateo County	San Mateo	Gazos Creek	N/A	0.016 acres/ 115 linear feet
Caltrans- Karen Holmes	5/1/2018	Pismo Creek Scour Repair	To ensure the long-term serviceability of the Pismo Creek Bridge and on-ramp by rehabilitating the embankments and protecting the bridge's piers and columns from further erosion or scour.	Pismo Beach	San Luis Obispo	Pacific Ocean	N/A	0.3565 acres

[1] Total Impact includes both temporary and permanent impacts to waters.

[2] Low Impact Development (LID) Retention Features are stormwater management structures designed to retain stormwater on-site, such as bioretention cells, infiltration trenches, etc.

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MONTECITO SANITARY DISTRICT DEBRIS FLOW RESPONSE

[Harvey Packard, 805/542-4639, Harvey.Packard@waterboards.ca.gov]

On the morning of Tuesday, January 9, 2018, a severe rain storm hit the watershed above the Montecito area. The area had been burned in December 2017 (less than one month earlier) by the Thomas Fire, which denuded the hillsides. As a result, the rain caused significant erosion that clogged the main watercourses. The debris flow travelled from the hillsides to the ocean, causing large swaths of devastation. Homes and lives were lost in the event. The event caused road closures in the community and the closure of US 101 from January 9 until January 27. State Route 192 was also heavily impacted and closed due to the flooding, mudflows, damaged bridges and large boulders.

The debris flow also damaged various parts of Montecito Sanitary District's wastewater collection system. In addition, because the community was subsequently evacuated and the potable water system was damaged, very little wastewater flow was getting to the district's wastewater treatment plant.

As part of this item, Diane Gabriel, Montecito Sanitary District's general manager, will be at the board meeting to provide a brief presentation and discuss the impact of the debris flow on the district's operations, the district's response, and the district's preparations for possible future debris flow events.

CITY OF GREENFIELD'S WASTEWATER TREATMENT PLANT MAY 8, 2018 DISCHARGE OF SECONDARY TREATED WASTEWATER

[Jennifer Epp, 805/594-6181, Jennifer.Epp@waterboards.ca.gov]

The City of Greenfield (City) discharged an estimated three million gallons of secondary treated¹ wastewater on May 8, 2018, outside of the permitted wastewater disposal system area. The City is still investigating the root cause of why the wastewater disposal system failed, and Central Coast Water Board staff is still evaluating the details of the discharge and the City's associated technical reports following the discharge.

The City's wastewater treatment plant receives an average of almost one million gallons per day (MGD) of wastewater. The City discharges treated wastewater to approximately 25 acres of spray fields under waste discharge requirements (Order No. R3-2001-0062 or Order). The treatment plant consist of clarifiers, oxidation ponds, percolation ponds, and a sludge digester. In 2013, the City converted its' spray fields into multiple disposal beds used for flood-style irrigation. In late 2017, the City noticed reduced percolation rates for the disposal beds. The City constructed taller berms around the percolation beds to create ponds to contain the wastewater. On February 22, 2018, Central Coast Water Board staff received a public complaint about the City's management of the ponds and the capacity for the wastewater plant to treat flows. On March 20, 2018, Central Coast Water Board permitting staff met with the City's consultant to discuss the complaint and their lack of compliance with the Order. Central Coast Water Board permitting staff also inspected the treatment plant on March 27, 2018. Since March 2018, the City has worked with Central Coast Water Board permitting staff to investigate why the newer percolation beds/ponds are failing, and how to remedy the issue.

On the morning of May 8, 2018, City staff discovered three of their nine disposal beds/ponds spilling stored, secondary treated wastewater over the eastern levee/road boundary. City staff estimated about three million gallons of treated wastewater spilled towards the Salinas River into an undeveloped, City-owned property east of the disposal ponds. The wastewater extended about 1,300 feet from the ponds before percolating into the sandy soils of the Salinas River channel, which is approximately 575 feet from the flowing water in the Salinas River. A small percentage of the wastewater also discharged to an adjacent sod farm, and immediately percolated into the sandy soils.

Within an hour of discovering the spill, City staff notified key regulatory agencies, including the California Office of Emergency Services, the Central Coast Water Board, and Monterey County Health Department. The City also notified "911" and the adjacent sod farmer. The City building department staff have repaired the levee/road and are removing soils from the now empty percolation bed/ponds in preparation for testing and disposal. The City is also in discussions with a neighboring landowner to obtain 40 acres of land to discharge treated wastewater, such that maintenance on the other percolation ponds can be completed.

The City is collecting additional monitoring data and working with their consultants to determine and fix the cause(s) that led to the reduced pond percolation issues. Central Coast Water Board staff directed the City, per our Notice of Violation letter dated May 22, 2018, to evaluate and report the treatment plant's disposal capacity and status every two weeks. The Notice of Violation also requires the City to develop a plan and schedule for restoring the treatment plant's o compliance with the Order. The plan and schedule are due by the end of June.

GRANTS PROGRAM -

¹ Secondary treatment is a treatment process for wastewater to achieve a certain degree of effluent water quality by physical phase separation to remove settleable solids and a biological process to remove dissolved and suspended organic compounds. The wastewater is not disinfected.

[Katie McNeill (805) 549-3336]

This report provides an update on grant funding in the region.

319(h) Nonpoint Source Grant Program

On May 3, 2018, the State Water Resources Control Board announced the Project List for the 2017 Clean Water Act (CWA) 319(h) Nonpoint Source (NPS) Grant Program. The Project List identifies projects approved for grant funding and includes one project in the Central Coast Region. Central Coast Water Board staff assisted with the prioritization, solicitation, review, and selection of this project and other projects throughout the state, and staff will also manage this grant.

Project Title	Grantee	Project Description	CWA 319 Funds Requested (\$)	Applicant Match (\$)	Total Project Cost (\$)
<i>Lower Salinas Water Quality Improvement Project</i>	Resource Conservation District of Monterey County	The Project will implement treatment measures within the Blanco and Moro Cojo watersheds to reduce nitrate loading to surface and groundwater. Project partners include the Central Coast Wetlands Group, the Monterey Bay National Marine Sanctuary, Tanimura & Antle, Blanco Fields LLC, PG&E and SeaMist Farms. The project also includes developing a permit streamlining process to incentivize similarly environmentally-beneficial projects into the future. This Project is aligned with the Salinas River Total Maximum Daily Loads.	\$509,117	\$170,508	\$679,625

As in past years, the funding for this project is contingent on receipt of the 2018 CWA 319(h) NPS Grant from USEPA scheduled for August 2018. Grant proposals are solicited annually. For more information on the CWA 319(h) NPS Grant Program, visit the following website:

http://www.waterboards.ca.gov/water_issues/programs/nps/319grants.shtml

Attachments

1. Table 3 - Groundwater Section, Case Closure Performance Scoreboard
2. Table 4 - Groundwater Case Closures
3. Table 5 – Enrollments in General Orders/Waivers