



EDMUND G. BROWN JR.
GOVERNOR

MATTHEW RODRIGUEZ
SECRETARY FOR
ENVIRONMENTAL PROTECTION

Central Coast Regional Water Quality Control Board

January 19, 2018

Maureen Spencer
Santa Barbara County Flood Control District
130 E. Victoria St., Ste. 200
Santa Barbara, CA 93101
Email: mospenc@cosbpw.net

VIA ELECTRONIC MAIL

Dear Ms. Spencer:

WATER QUALITY CERTIFICATION NUMBER 34218WQ03 FOR THE 18STORM1 EMERGENCY RESPONSE PROJECT, SANTA BARBARA COUNTY

Thank you for the opportunity to review your January 19, 2018 follow-up application for water quality certification of the Santa Barbara Flood Control District Emergency Sediment Removal and Beach Disposal Project (Project). We understand the project is addressing an urgent emergency situation and have been in contact throughout the last couple weeks. We are issuing the enclosed Certification. Should new information come to our attention that indicates a water quality problem, we may require additional monitoring and reporting, issue Waste Discharge Requirements, or take other action.

Your Certification application and submitted documents indicate that project activities have the potential to affect beneficial uses and water quality. The Central Coast Regional Water Quality Control Board (Central Coast Water Board) issues this Certification to protect water quality and associated beneficial uses from project activities. We need reports to determine compliance with this Certification. All technical and monitoring reports requested in this Certification, or any time after, are required per Section 13267 of the California Water Code.

Failure to submit reports required by this Certification, or failure to submit a report of technical quality acceptable to the Executive Officer, may subject you to enforcement action per Section 13268 of the California Water Code. The Central Coast Water Board will base enforcement actions on the date of certification. Any person affected by this Central Coast Water Board action may petition the State Water Resources Control Board (State Water Board) to review this action in accordance with California Water Code Section 13320; and Title 23, California Code of Regulations, Sections 2050 and 3867-3869. The State Water Board, Office of Chief Counsel, PO Box 100, Sacramento, CA 95812, must receive the petition within 30 days of the date of this Certification. We will provide upon request copies of the law and regulations applicable to filing petitions.

DR. JEAN-PIERRE WOLFF, CHAIR | JOHN M. ROBERTSON, EXECUTIVE OFFICER

895 Aerovista Place, Suite 101, San Luis Obispo, CA 93401 | www.waterboards.ca.gov/centralcoast

If you have questions please contact **Mark Cassady** at (805) 549-3689 or via email at Mark.Cassady@waterboards.ca.gov, or Phil Hammer at (805) 549-3882. Please mention the above certification number in all future correspondence pertaining to this project.

Sincerely,

John M. Robertson
Executive Officer

Enclosure: Action on Request for CWA Section 401 Water Quality Certification

cc: With enclosures

Crystal Huerta
U.S. Army Corps of Engineers
E-mail: crystal.huerta@usace.army.mil

Paul Penn
CalEPA
Email: paul.penn@calepa.ca.gov

Dennis Castrillo
CalOES
Email: dennis.castrillo@caloes.ca.gov

Ed Pert
California Department of Fish and Wildlife
E-mail: Ed.Pert@wildlife.ca.gov

Jamie Jackson
California Department of Fish and Wildlife
Caltrans Liaison
E-mail: Jamie.Jackson@wildlife.ca.gov

Melissa Scianni
U.S. Environmental Protection Agency
E-mail: scianni.melissa@epa.gov

Sam Ziegler
U.S. Environmental Protection Agency
Email: ziegler.sam@epa.gov

CWA Section 401 WQC Program
Division of Water Quality
State Water Resources Control Board
E-mail: Stateboard401@waterboards.ca.gov

Ashley Green
Central Coast Water Board
E-mail: Ashley.Green@waterboards.ca.gov

Mark Cassady
Central Coast Water Board
Email: Mark.Cassady@waterboards.ca.gov

Action on Request for
Clean Water Act Section 401 Water Quality Certification
for Discharge of Dredged and/or Fill Materials

PROJECT: 18Storm1 Emergency Response

APPLICANT: Maureen Spencer
Santa Barbara County Flood Control District
130 E. Victoria St., Ste. 200
Santa Barbara, CA 93101

ACTION:

1. Order for Standard Certification
2. Order for Technically-conditioned Certification
3. Order for Denial of Certification

STANDARD CONDITIONS:

1. This Certification action is subject to modification or revocation upon administrative or judicial review, including review and amendment per section 13330 of the California Water Code and section 3867 of Title 23 of the California Code of Regulations (23 CCR).
2. This Certification action is not intended to apply to any discharge from any activity involving a hydroelectric facility requiring a Federal Energy Regulatory Commission (FERC) license or an amendment to a FERC license unless the pertinent Certification application was filed per 23 CCR subsection 3855(b) and the application specifically identified that a FERC license or amendment to a FERC license was being sought.
3. The validity of any non-denial Certification action (Actions 1 and 2) is conditioned upon total payment of the fee required under 23 CCR section 3833, unless otherwise stated in writing by the certifying agency. Due to the urgent emergency nature of this project, this Certification is valid though the fee has not yet been paid.

ADMINISTRATIVE CONDITIONS:

1. This Certification is subject to the acquisition of all local, regional, state, and federal permits and approvals as required by law. Failure to meet any conditions contained herein or any conditions contained in any other permit or approval issued by the State of California or any subdivision thereof may result in the revocation of this Certification and civil or criminal liability.
2. In the event of a violation or threatened violation of this Certification, the violation or threatened violation shall be subject to any remedies, penalties, process or sanctions as provided for under state law. For purposes of Section 401(d) of the Clean Water Act, the applicability of any state law authorizing remedies, penalties, process or sanctions for the violation or threatened violation constitutes a limitation necessary to assure compliance with the water quality standards and other pertinent requirements incorporated into this Certification.

3. The Central Coast Water Board may require the holder of any permit or license subject to this Certification to furnish, under penalty of perjury, any technical or monitoring reports the Central Coast Water Board deems appropriate, provided that the burden, including costs, of the reports shall have a reasonable relationship to the need for the reports and the benefits obtained from the reports.
4. In response project alterations, new information, or a violation of conditions of this Certification, the Central Coast Water Board may add to or modify the conditions of this Certification as appropriate.
5. The Central Coast Water Board reserves the right to suspend, cancel, or modify and reissue this Certification, after providing notice to the applicant, if the Central Coast Water Board determines that the Project fails to comply with any of the terms or conditions of this Certification.
6. The Applicant shall grant Central Coast Water Board staff, or an authorized representative, upon presentation of credentials and other documents as may be required by law, permission to enter the Project site at reasonable times, to ensure compliance with the terms and conditions of this Certification and/or to determine the impacts the Project may have on waters of the State.
7. The Applicant must, at all times, fully comply with the application, engineering plans, specifications, and technical reports submitted to support this Certification; all subsequent submittals required as part of this Certification; and the attached Project Information and Conditions. The conditions within this Certification and attachment(s) supersede conflicting provisions within applicant submittals.
8. The Applicant shall notify the Central Coast Water Board within 24 hours of any unauthorized discharge to waters of the U.S. and/or State; measures that were implemented to stop and contain the discharge; measures implemented to clean-up the discharge; the volume and type of materials discharged and recovered; and additional BMPs or other measures that will be implemented to prevent future discharges.
9. This Certification is not transferable to any person except after notice to the Executive Officer of the Central Coast Water Board. The Applicant shall submit this notice in writing at least 30 days in advance of any proposed transfer. The notice must include a written agreement between the existing and new responsible party containing a specific date for the transfer of this Certification's responsibility and coverage between the current responsible party and the new responsible party. This agreement shall include an acknowledgement that the existing responsible party is liable for compliance and violations up to the transfer date and that the new responsible party is liable from the transfer date on.
10. This Certification expires if Project construction does not begin within five years from the date of this Certification. If this Certification does not expire as described above, it remains in effect until the Applicant complies with all Certification requirements and conditions.

CENTRAL COAST WATER BOARD CONTACT PERSON:

Mark Cassady
(805) 549-3689
Mark.Cassady@waterboards.ca.gov

Please refer to the above certification number when corresponding with the Central Coast Water Board concerning this project.

WATER QUALITY CERTIFICATION:

I hereby issue an order certifying that as long as all the conditions listed in this Certification are met, any discharge from the 18Storm1 Emergency Response Project shall comply with the applicable provisions of sections 301 ("Effluent Limitations"), 302 ("Water Quality Related Effluent Limitations"), 303 ("Water Quality Standards and Implementation Plans"), 306 ("National Standards of Performance"), and 307 ("Toxic and Pretreatment Effluent Standards") of the Clean Water Act. This discharge is also regulated pursuant to State Water Board Water Quality Order No. 2003-0017-DWQ, which requires compliance with all conditions of this Certification.

Except insofar as may be modified by any preceding conditions, all Certification actions are contingent on (a) the discharge being limited and all proposed mitigation being completed in strict compliance with the applicant's project description and the attached Project Information and Conditions, and (b) compliance with all applicable requirements of the Central Coast Water Board's policies and Water Quality Control Plan (Basin Plan).

John M. Robertson
Executive Officer
Central Coast Water Board

January 19, 2018
Date

PROJECT INFORMATION AND CONDITIONS

Application Date	Emergency Application received on January 9, 2018; Follow-up application received on January 19, 2018
Applicant	Maureen Spencer Santa Barbara County Flood Control District 130 E. Victoria St., Ste. 200 Santa Barbara, CA 93101 mospenc@cosbpw.net 805-568-3437
Applicant Representatives	N/A
Project Name	18Storm1 Emergency Response
Application Number	34218WQ03
Type of Project	Other Dredge and Fill Site
Project Location	Montecito, Summerland, Carpinteria, Goleta Montecito Latitude: 34.426302° N, Longitude: -119.640175° W
County	Santa Barbara
Receiving Water(s)	Pacific Ocean and various creeks 315.30 South Coast HA
Water Body Type	Streambed, salt marsh, ocean
Designated Beneficial Uses	Municipal and Domestic Supply (MUN) Agricultural Supply (AGR) Industrial Service Supply (IND) Ground Water Recharge (GWR) Water Contact Recreation (REC-1) Non-Contact Recreation (REC-2) Wildlife Habitat (WILD) Cold Fresh Water Habitat (COLD) Warm Fresh Water Habitat (WARM) Migration of Aquatic Organisms (MIGR) Spawning, Reproduction, and/or Early Development (SPWN) Preservation of Biological Habitats of Special Significance (BIOL) Rare, Threatened or Endangered Species (RARE) Estuarine Habitat (EST) Freshwater Replenishment (FRSH) Commercial and Sport Fishing (COMM) Aquaculture (AQUA) Shellfish Harvesting (SHELL) Navigation (NAV) Marine Habitat (MAR) Areas of Special Biological Significance(ASBS)
Project Description (purpose/goal)	The purpose of this project is to implement post-flood/debris flow emergency response to facilitate the protection of life and property. Specifically, the project will clean debris, rocks, vegetation, sediment, etc. from creek drainages, debris basins, and roads, and dispose of the sediment that is free of debris, large rocks, vegetation, etc. at Goleta Beach County Park and Carpinteria Beach.

	<p>Central Coast Regional Water Quality Control Board (Central Coast Water Board) staff understands that the project includes the following activities:</p> <ol style="list-style-type: none"> 1. Desilting creeks, basins, and roads using heavy equipment; 2. Removing rocks up to 15-foot diameter from water courses, roads, and debris basins; 3. Breaking apart and removing large debris plugs from creeks, roads, and debris basins; 4. Disposing up to 420,000 cubic yards of sediment from creeks, roads, and debris basins at Goleta Beach County Park and Carpinteria Beach; and 5. Desilting Franklin and Santa Monica Creeks within the Carpinteria Salt Marsh using cranes, and trucking this material to Carpinteria Beach.
U.S. Army Corps of Engineers Permit No.	Individual Permit No. SPL-2018-00039-CLH
Area of Disturbance	<p>Approximately 41.5 acres / 13.5 linear miles total</p> <p>Streambed: Approximately 40 acres / 12.9 linear miles temporary</p> <p>Ocean/Estuary/Bay: Approximately 1.5 acres / 0.6 linear miles temporary</p>
Dredge Volume	N/A
Excavation Volume	Approximately 420,000 total cubic yards, streambed and ocean/estuary/bay
Fill Volume	<p>Approximately 420,000 total cubic yards</p> <p>Ocean/Estuary/Bay: 420,000 cubic yards permanent</p>
Compensatory Mitigation Requirements	N/A
Project Requirements	<p><u>Project practices that are required to comply with 401 Water Quality Certification are as follows:</u></p> <ol style="list-style-type: none"> 1. Material placed on beaches shall not include significant trash, debris, vegetation, large rocks, or VOCs, as determined by field screening. 2. Trash, debris, vegetation, large rocks, or other pollution that is visually observed after placement of material on the beach shall be collected and removed from the beach for proper disposal. 3. Due to the rapidly evolving nature of this emergency project, Central Coast Water Board staff will conduct a detailed review of the emergency project and this Certification at least monthly to determine if amendments are necessary to address newly identified work and/or potential water quality/beneficial use impacts. Central Coast Water Board staff may amend the Certification as necessary to address newly identified work, potential water quality/beneficial use impacts, fees, and other aspects of the Project. 4. All work performed within waters of the State shall be completed in a manner that minimizes impacts to beneficial uses and habitat. Measures shall be employed to minimize land disturbances that will adversely impact the water quality of waters of the State.

	<p>Disturbance or removal of vegetation shall not exceed the minimum necessary to complete Project implementation.</p> <ol style="list-style-type: none"> 5. All vehicle fueling and maintenance activity shall occur at least 100 feet away from waterways or in designated staging or refueling areas, unless a requested exception on a case-by case basis granted by prior written approval has been obtained from Central Coast Water Board staff. 6. All construction-related equipment, materials, and any temporary BMPs no longer needed shall be removed and cleared from the site upon completion of the project. 7. Central Coast Water Board staff shall be notified if mitigations as described in the 401 Water Quality Certification application for this project are altered by the imposition of subsequent permit conditions by any local, state or federal regulatory authority. The Applicant shall inform Central Coast Water Board staff of any modifications that interfere with compliance with this Certification.
<p>Monitoring and Reporting Requirements</p>	<p>The Applicant shall conduct the following monitoring:</p> <ol style="list-style-type: none"> 1. Prior to placement of material on the beach, the material shall be monitored and assessed as follows: <ol style="list-style-type: none"> a. Material shall be visually screened so that material placed on beaches is free of trash, debris, vegetation, large rocks, or other visual indicators of pollution. b. Material shall be screened with a handheld Volatile Organic Compound (VOC) meter so that material placed on beaches does not indicate significant presence of VOCs. 2. The District shall conduct sediment sampling for each beach disposal location. <ol style="list-style-type: none"> a. Sediment samples shall be collected for each beach location as follows: <ol style="list-style-type: none"> i. The first day of sampling shall occur no later than January 23, 2018. On the first day of sampling, the District shall collect grab samples from at least four separate trucks that will dump at the beach. These grab samples shall be composited for analysis. ii. Following the first day of sampling, the District shall collect a grab sample from at least every 50th truck that will dump at the beach. Once ten grab samples have been collected, the samples shall be composited for analysis. If ten grab samples have not been collected over a three day period, then at the end of the third day, the grab samples that have been collected up to that point shall be composited for analysis. iii. Grab samples shall be collected at least six inches below the surface of the sediment. iv. For each grab sample that is collected, the source location of the material sampled shall be recorded.

- v. Composited samples shall contain an adequate amount of material so that following analysis, sufficient material remains for archiving at the lab, in case further analysis is necessary. Samples shall be archived for at least one month.
- b. Composited sediment samples shall be analyzed as follows:
 - i. All composited samples shall be analyzed according to the analytes, analytical methods, method detection limits (MDLs), and target reporting limits (TRLs) identified in Table 1.
 - ii. Analysis of composite samples collected on the first day of sampling shall be expedited in order to receive analytical results as quickly as possible (i.e. two day turnaround).
 - iii. Analysis of composite samples collected after the first day of sampling shall be expedited in order to receive analytical results within an approximate five day turnaround.
- c. Central Coast Water Board staff may require additional analytical testing of archived material if initial analytical results indicate a potentially significant impact to water quality or beneficial uses.

The Applicant shall provide the following reporting to RB3_401Reporting@waterboards.ca.gov [Note: Annual fees are based on submittal of reporting item 3 below]:

1. The Applicant shall notify the Central Coast Water Board of identification of any new work planned in waters of the state as soon as possible. The notification shall include a detailed description of the work to be conducted, including type of work, methods, location, size of work area, amount of material to be excavated/disposed, and type of material to be excavated/disposed.
2. The Applicant shall provide weekly reports due on Friday. The first report is due January 26, 2018. The reports shall contain the following information for each beach disposal location:
 - a. Any analytical results available for composite samples, with identification of source locations for the grab samples used to create the composite samples.
 - b. Estimates of amount of material placed at each beach location.
 - c. Estimates of amount of material coming from each source location that is placed at each beach location.
 - d. Summary of trash, debris, vegetation, large rocks, or other pollution visually observed after placement of material on the beach, and corrective actions taken.
 - e. Readily available photographs of source locations and beach disposal locations.
 - f. A detailed description of any new work identified, if not already

	<p>reported.</p> <p>g. Identification of locations where work is complete.</p> <p>3. Project Completion Notification – Within seven days of Applicant verification of completion of all aspects of the project and compliance with all Certification requirements, submit notification to the Central Coast Water Board of project completion.</p>
--	--

Table 1

	Attributes	Analytical Method	MDLs ¹	TRLs ²	Units
Conventionals	Grain Size, or alternative assessment approved by the Executive Officer	Plumb (1981)	NA	NA	%
	Ammonia	350.1M	0.04	0.5	mg/kg
	TPH	SW-846	NA	NA	mg/kg
	TRPH	1664M	1.6	25	mg/kg
Metals	Arsenic	USEPA 6020	0.051	1.0	mg/kg
	Cadmium	USEPA 6020	0.005	0.5	mg/kg
	Chromium	USEPA 6020	0.017	2.0	mg/kg
	Copper	USEPA 6020	0.018	3.0	mg/kg
	Lead	USEPA 6020	0.009	3.0	mg/kg
	Mercury	USEPA 7471A	0.001	0.5	mg/kg
	Nickel	USEPA 6020	0.016	5.0	mg/kg
	Selenium	USEPA 6020	0.035	0.1	mg/kg
	Silver	USEPA 6020	0.004	0.2	mg/kg
	Zinc	USEPA 6020	0.26	3.0	mg/kg
PAHs	1-Methylnaphthalene	EPA 8270C SIM	0.5	20.0	µg/kg
	2-Methylnaphthalene	EPA 8270C SIM	0.5	20.0	µg/kg
	1,6,7-Trimethylnaphthalene	EPA 8270C SIM		20.0	µg/kg
	2,6-Dimethylnaphthalene	EPA 8270C SIM		20.0	µg/kg
	Acenaphthene	EPA 8270C SIM	0.76	20.0	µg/kg
	Acenaphthylene	EPA 8270C SIM	0.73	20.0	µg/kg
	Anthracene	EPA 8270C SIM	0.66	20.0	µg/kg
	Benzo(a)anthracene	EPA 8270C SIM	1.01	20.0	µg/kg
	Benzo(a)pyrene	EPA 8270C SIM	0.64	20.0	µg/kg
	Benzo(e)pyrene	EPA 8270C SIM		20.0	µg/kg
	Benzo (b) Fluoranthene	EPA 8270C SIM	0.77	20.0	µg/kg
	Benzo (g,h,i) Perylene	EPA 8270C SIM	1.14	20.0	µg/kg
	Benzo (k) Fluoranthene	EPA 8270C SIM	0.96	20.0	µg/kg
	Biphenyl	EPA 8270C SIM		20.0	µg/kg
	Chrysene	EPA 8270C SIM	0.76	20.0	µg/kg
	Dibenz (a,h) Anthracene	EPA 8270C SIM	0.53	20.0	µg/kg

¹ Method Detection Limit (dry weight) for sediment

² Target Reporting Limit (dry weight) for sediment

	Attributes	Analytical Method	MDLs ¹	TRLs ²	Units
	Fluoranthene	EPA 8270C SIM	0.78	20.0	µg/kg
	Fluorene	EPA 8270C SIM	0.7	20.0	µg/kg
	Indeno (1,2,3-c,d) Pyrene	EPA 8270C SIM	0.66	20.0	µg/kg
	Naphthalene	EPA 8270C SIM	0.5	20.0	µg/kg
	N-Nitrosodimethylamine	EPA 8270C SIM		20.0	µg/kg
	Phenanthrene	EPA 8270C SIM	1.08	20.0	µg/kg
	Perylene	EPA 8270C SIM		20.0	µg/kg
	Pyrene	EPA 8270C SIM	0.82	20.0	µg/kg
	Total PAHs	EPA 8270C SIM			µg/kg
Pesticides	2,4'-DDD	US EPA 8081A	0.2	2	µg/kg
	2,4'-DDE	US EPA 8081A	0.18	2	µg/kg
	2,4'-DDT	US EPA 8081A	0.14	2	µg/kg
	4,4'-DDD	US EPA 8081A	0.26	2	µg/kg
	4,4'-DDE	US EPA 8081A	0.3	2	µg/kg
	4,4'-DDT	US EPA 8081A	0.33	2	µg/kg
	DDTs	US EPA 8081A			µg/kg
	Aldrin	US EPA 8081A	0.31	2	µg/kg
	Alpha-BHC	US EPA 8081A	0.29	2	µg/kg
	Beta-BHC	US EPA 8081A	0.26	2	µg/kg
	Chlordane	US EPA 8081A	1.9	10	µg/kg
	Delta-BHC	US EPA 8081A	0.32	2	µg/kg
	Dieldrin	US EPA 8081A	0.23	2	µg/kg
	Endosulfan I	US EPA 8081A	0.36	2	µg/kg
	Endosulfan II	US EPA 8081A	0.18	2	µg/kg
	Endosulfan Sulfate	US EPA 8081A	0.26	2	µg/kg
	Endrin	US EPA 8081A	0.2	2	µg/kg
	Endrin Aldehyde	US EPA 8081A	0.2	2	µg/kg
	Endrin Ketone	US EPA 8081A	0.3	2	µg/kg
	Gamma-BHC	US EPA 8081A	0.23	2	µg/kg
	Heptachlor	US EPA 8081A	0.22	2	µg/kg
	Heptachlor Epoxide	US EPA 8081A	0.18	2	µg/kg
	Methoxychlor	US EPA 8081A	0.17	2	µg/kg
	Toxaphene	US EPA 8081A	8.5	10	µg/kg