



Los Angeles Regional Water Quality Control Board

Mr. Scott Tignac
Waste Management of California
2801 Madera Road,
Simi Valley, CA 93065

VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED
No. 7012 3460 0001 6366 0687

TECHNICALLY CONDITIONED WATER QUALITY CERTIFICATION FOR PROPOSED SIMI VALLEY LANDFILL & RECYCLING CENTER PROJECT (Corps' Project No. 2014-00034-AJS), CALLEGUAS CREEK REACH 7, CITY OF SIMI VALLEY, VENTURA COUNTY (File No. 14-051)

Dear Mr. Tignac:

Board staff has reviewed your request on behalf of Waste Management of California (Applicant) for a Clean Water Act Section 401 Water Quality Certification for the above-referenced project. Your application was deemed complete on November 21, 2014.

I hereby issue an order certifying that any discharge from the referenced project will 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, and with other applicable requirements of State law. This discharge is also regulated under State Water Resources Control Board Order No. 2003 - 0017 - DWQ, "General Waste Discharge Requirements for Dredge and Fill Discharges that have received State Water Quality Certification" which requires compliance with all conditions of this Water Quality Certification.

Please read this entire document carefully. The Applicant shall be liable civilly for any violations of this Certification in accordance with the California Water Code. This Certification does not eliminate the Applicant's responsibility to comply with any other applicable laws, requirements and/or permits.

Should you have questions concerning this Certification action, please contact Valerie Carrillo Zara, P.G., Lead, Section 401 Program, at (213) 576-6759.

Samuel Unger
Samuel Unger, P.E.
Executive Officer

12-18-14
Date

DISTRIBUTION LIST

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ATTACHMENT A

Project Information
File No. 14-051

1. Applicant: Scott Tignac
Waste Management of California
2801 Madera Road,
Simi Valley, CA 93065
Phone: (805) 579-7267 Fax: (805) 579-7267
2. Project Name: Simi Valley Landfill & Recycling Center
3. Project Location: Simi Valley, Ventura County

<u>Latitude</u>	<u>Longitude</u>
34.30405458630	118.78783478900
34.30398574160	118.78972215700
34.30498844610	118.79000219900
34.30440960780	118.79189676600
34.30266731990	118.79157223700
34.30152485230	118.79459548800
34.30332937920	118.78671980700
34.30199451480	118.78742775600

4. Type of Project: Landfill expansion
5. Project Purpose: The project proposes the expansion of the existing Simi Valley Landfill and Recycling Center.
6. Project Description: The Simi Valley Landfill and Recycling Center's (SVLRC) boundary, under its Conditional Use Permit (CUP), was expanded to encompass 887 acres within which the waste disposal area will expand north and west from its current permitted location to include 186 acres of additional waste disposal area and to increase the total capacity of the landfill from 43.5 to 119.6 million cubic yards.

The landfill phases and construction sequence have been designed to balance soil excavation and cover soil use to reduce double handling of soil material. Surplus excavated soils will be stockpiled on or near the active landfill face for later use as cover. In addition, a varying amount of cover material will be surplus dirt delivered to the landfill by contractors from local construction projects. With these available sources of soil, no need is anticipated for additional soil to be imported from outside the site.

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The expanded area of the landfill will be completed in four phases. Phase I will include additional fill on the existing landfill area. Phase I will be filled towards the north end of the site and finished at the south/southeast end. Phases II through IV will include filling the remaining area within the expanded waste disposal footprint. Phase II would consist of four cells while Phases III and IV will each consist of three cells.

Construction activities associated with landfill expansion will include the sequential excavation of Phases II through IV of the waste footprint and will include land clearing, compacting, and preparing the phase(s) for landfilling.

Phase II expansion entails the construction of 3 to 5 cells, the first of which is Cell 2-1. The creation of Cell 2-1 will involve grading, excavation and stockpiling on approximately 100 acres in support of the creation of the first cell. Cell 2-1 Expansion will permanently affect substantial portions of ephemeral Drainages A and B through filling that total 0.42 acres (2,177 linear feet). These impacts will take place in 2015. It is expected that excavation of the second cell of Phase II expansion efforts will take place in 2017 and will result in impacts to 0.56 acres (3,859 linear feet) of Drainage C.

Subsequent expansion of the landfill (Phases III and IV) will result in further impacts to Drainages A and B. These later expansion phases will affect 1,380 linear feet (0.12 acres) of Drainage A and 585 linear feet (0.30 acres) of Drainage B.

The total permanent impact to Drainages A, B and C is 8,001 linear feet (1.4 acres).

Two areas have been designated for stockpiling in support of Cell 2-1 Expansion and are located within Phase II and Phase IV boundaries. The stockpile area within Phase II boundary has a capacity of 250,000 cubic yards. A stockpile access road will be created in order to delay impacts to ephemeral Drainage C until the second cell is constructed. The stockpile area within Phase IV boundary has a capacity of 2.1 million cubic yards.

Once the landfill reaches capacity it will be brought to final grade and the final alternative evapotranspirative cover currently approved under SVLRC's Closure/Post-Closure Maintenance Plan will be installed.

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7. Federal Agency/Permit: U.S. Army Corps of Engineers
Individual Permit (Permit No. 2014-00034-AJS)
8. Other Required Regulatory Approvals: California Department of Fish and Wildlife
Streambed Alteration Agreement
9. California Environmental Quality Act Compliance: The County of Ventura approved the project's Final Environmental Impact Report on July 19, 2011 (SCH No. SCH No. 2007121148)
10. Receiving Water: Calleguas Creek Reach 7, Arroyo Simi (Hydrologic Unit Code: 180701030102)
11. Designated Beneficial Uses: MUN*, IND, GWR, FRSH, REC-1, REC-2, WARM, WILD,
*Conditional beneficial use
12. Impacted Waters of the United States: Non-wetland waters (streambed): 1.40 permanent acres (8,001 linear feet)
13. Dredge Volume: None
14. Related Projects Implemented/to be Implemented by the Applicant: The Applicant has not identified any related projects carried out in the last 5 years or planned for implementation in the next 5 years.
15. Avoidance/Minimization Activities: The Applicant has proposed to implement several Best Management Practices, including, but not limited to, the following:
- Landfill drainage and erosion control that are used on an as-needed basis include, but are not limited to the following: earth dikes, straw bale dikes, silt fences, temporary swales and culverts, sediment traps and basins, sand bag barriers, riprap drainage swales, and fabric erosion stops.
 - As the phased fill sequence progresses, the landfill surface is contoured to drain runoff to perimeter ditches in order to minimize ponding on the landfill.
 - Run-on from areas upgradient of landfilled waste is diverted from the landfill via a perimeter concrete-lined ditch. The

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perimeter collection system drains to collection points near the landfill toe.

- Surface runoff from completed landfill surfaces is captured on benches along the face of the landfill and diverted to various collection pipes located below the toe of the site. These collection points in turn discharge into the perimeter collection system on the southern perimeter of the landfill proper.
- During landfill operations, temporary berms and V ditches are placed near active refuse fill areas to control surface water runoff. The temporary berms and V ditches direct surface water around exposed refuse and prevent it from ponding on the refuse fill. Surface water runoff is carried over temporary refuse fill slopes via oversized drains comprised of metal flumes, corrugated metal pipe, ABS plastic pipe, or plastic-lined trenches.

16. Proposed
Compensatory
Mitigation:

The Applicant has proposed to restore 6.0 acres of riparian habitat for 1.4 acres of vegetated streambed impact. The 6 acres will be located within a 58-acre dedication area in Alamos Canyon as delineated by the County of Ventura in the Conditional Use Permit.

17. Required
Compensatory
Mitigation:

The Regional Board will require compensatory mitigation at a minimum ratio of 3:1. The above proposed mitigation shall be sufficient to meet this requirement.

See *Attachment B, Conditions of Certifications, Additional Conditions* for modifications and additions to the above proposed compensatory mitigation.

ATTACHMENT B

Conditions of Certification

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STANDARD CONDITIONS

Pursuant to §3860 of Title 23 of the California Code of Regulations (23 CCR), the following three standard conditions shall apply to this project:

1. This Certification action is subject to modification or revocation upon administrative or judicial review, including review and amendment pursuant to §13330 of the California Water Code and Article 6 (commencing with 23 CCR §3867).
2. This Certification action is not intended and shall not be construed to apply to any activity involving a hydroelectric facility and requiring a Federal Energy Regulatory Commission (FERC) license or an amendment to a FERC license unless the pertinent Certification application was filed pursuant to 23 CCR Subsection 3855(b) and the application specifically identified that a FERC license or amendment to a FERC license for a hydroelectric facility was being sought.
3. Certification is conditioned upon total payment of any fee required pursuant to 23 CCR Chapter 28 and owed by the Applicant.

ADDITIONAL CONDITIONS

Pursuant to 23 CCR §3859(a), the Applicant shall comply with the following additional conditions:

1. The Applicant shall submit to this Regional Board copies of any other final permits and agreements required for this project, including, but not limited to, the U.S. Army Corps of Engineers' (ACOE) Section 404 Permit and the California Department of Fish and Wildlife's (CDFW) Streambed Alteration Agreement. **These documents shall be submitted prior to any discharge to waters of the State.**
2. The Applicant shall adhere to the most stringent conditions indicated with either this Certification, the CDFW's Streambed Alteration Agreement, or the ACOE Section 404 Permit.
3. The Applicant shall comply with all water quality objectives, prohibitions, and policies set forth in the *Water Quality Control Plan, Los Angeles Region (1994)*, as amended.
4. The Avoidance/Minimization activities proposed by the Applicant as described in Attachment A, No.15, are incorporated as additional conditions herein.
5. The Applicant and all contractors employed by the Applicant shall have copies of this Certification, and all other regulatory approvals for this project on site at all times and shall be familiar with all conditions set forth.

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6. Fueling, lubrication, maintenance, operation, and storage of vehicles and equipment shall not result in a discharge or a threatened discharge to waters of the State. At no time shall the Applicant use any vehicle or equipment which leaks any substance that may impact water quality. Staging and storage areas for vehicles and equipment shall be located outside of waters of the State.
7. All excavation, construction, or maintenance activities shall follow best management practices to minimize impacts to water quality and beneficial uses. Dust control activities shall be conducted in such a manner that will not produce downstream runoff.
8. No construction material, spoils, debris, or any other substances associated with this project that may adversely impact water quality standards, shall be located in a manner which may result in a discharge or a threatened discharge to waters of the State. Designated spoil and waste areas shall be visually marked prior to any excavation and/or construction activity, and storage of the materials shall be confined to these areas.
9. All waste or dredged material removed shall be relocated to a legal point of disposal if applicable. A legal point of disposal is defined as one for which Waste Discharge Requirements have been established by a California Regional Water Quality Control Board, and is in full compliance therewith.
10. The Applicant shall implement all necessary control measures to prevent the degradation of water quality from the proposed project in order to maintain compliance with the Basin Plan. The discharge shall meet all effluent limitations and toxic and effluent standards established to comply with the applicable water quality standards and other appropriate requirements, including the provisions of Sections 301, 302, 303, 306, and 307 of the Clean Water Act. This Certification does not authorize the discharge by the applicant for any other activity than specifically described in the 404 Permit.
11. The discharge shall not: a) degrade surface water communities and populations including vertebrate, invertebrate, and plant species; b) promote the breeding of mosquitoes, gnats, black flies, midges, or other pests; c) alter the color, create visual contrast with the natural appearance, nor cause aesthetically undesirable discoloration of the receiving waters; d) cause formation of sludge deposits; or e) adversely affect any designated beneficial uses.
12. The Applicant shall allow the Regional Board and its authorized representative entry to the premises, including all mitigation sites, to inspect and undertake any activity to determine compliance with this Certification, or as otherwise authorized by the California Water Code.
13. Application of pesticides must be supervised by a certified applicator and be in conformance with manufacturer's specifications for use. Compounds used must be appropriate to the target species and habitat. All pesticides directed toward aquatic species must be approved

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by the Regional Board. Pesticide utilization shall be in accordance with State Water Resources Control Board Water Quality Order Nos. 2011-0003-DWQ, for Aquatic Animal Invasive Species Control; 2011-0004-DWQ, for Spray Applications; 2011-0002-DWQ, for Vector Control; and 2013-0002-DWQ, for Weed Control.

14. The Applicant shall not conduct any construction activities within waters of the State during a rainfall event. The Applicant shall maintain a **five-day (5-day) clear weather forecast** before conducting any operations within waters of the State.
15. If rain is predicted after operations have begun, grading activities must cease immediately and the site must be stabilized to prevent impacts to water quality, and minimize erosion and runoff from the site.
16. The grading, stabilization and re-vegetation will be phased to limit the exposed or working face such that the graded area can be stabilized within 24 hours after the first prediction of rain during the 5-day forecast or within 24 hours after final grading of the phased area.
17. The Applicant shall utilize the services of a qualified biologist with expertise in riparian assessments during any vegetation clearing activities. The biologist shall be available on site during construction activities to ensure that all protected areas are marked properly and ensure that no vegetation outside the specified areas is removed. The biologist shall have the authority to stop the work, as necessary, if instructions are not followed. The biologist shall be available upon request from this Regional Board for consultation within 24 hours of request of consultation.
18. No activities shall involve wet excavations (i.e., no excavations shall occur below the seasonal high water table). A minimum **5-foot** buffer zone shall be maintained above the existing groundwater level. If construction or groundwater dewatering is proposed or anticipated, the Applicant shall file a **Report of Waste Discharge (ROWD)** to this Regional Board and obtain any necessary NPDES permits/Waste Discharge Requirements prior to discharging waste.

Sufficient time should be allowed to obtain any such permits (generally 180 days). If groundwater is encountered without the benefit of appropriate permits, the Applicant shall cease all activities in the areas where groundwater is present, file a Report of Waste Discharge to this Regional Board, and obtain any necessary permits prior to discharging waste.

19. All project/ maintenance activities not included in this Certification, and which may require a permit, must be reported to the Regional Board for appropriate permitting. Bank stabilization and grading, as well as any other ground disturbances, are subject to restoration and revegetation requirements, and may require additional Certification action.

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20. All surface waters, including ponded waters, shall be diverted away from areas undergoing grading, construction, excavation, vegetation removal, and/or any other activity which may result in a discharge to the receiving water. If surface water diversions are anticipated, the Applicant shall develop and submit a **Surface Water Diversion Plan** (plan) to this Regional Board. The plan shall include the proposed method and duration of diversion activities, structure configuration, construction materials, equipment, erosion and sediment controls, and a map or drawing indicating the locations of diversion and discharge points. Contingency measures shall be a part of this plan to address various flow discharge rates. The plan shall be submitted prior to any surface water diversions. If surface flows are present, then upstream and downstream monitoring for the following shall be implemented:
- pH
 - temperature
 - dissolved oxygen
 - turbidity
 - total suspended solids(TSS)

Analyses must be performed using approved US Environmental Protection Agency methods, where applicable. These constituents shall be measured at least once prior to diversion and then monitored for on a daily basis during the first week of diversion and/or dewatering activities, and then on a weekly basis, thereafter, until the in-stream work is complete.

Results of the analyses shall be submitted to this Regional Board by the 15th day of each subsequent sampling month. A map or drawing indicating the locations of sampling points shall be included with each submittal. Diversion activities shall not result in the degradation of beneficial uses or exceedance of water quality objectives of the receiving waters. Downstream TSS shall be maintained at ambient levels. Where natural turbidity is between 0 and 50 Nephelometric Turbidity Units (NTU), increases shall not exceed 20%. Where natural turbidity is greater than 50 NTU, increases shall not exceed 10%. Any such violations may result in corrective and/or enforcement actions, including increased monitoring and sample collection.

21. The Applicant shall restore **all areas** of TEMPORARY IMPACTS to waters of the United States and all other areas of temporary disturbance which could result in a discharge or a threatened discharge to waters of the State. Restoration shall include grading of disturbed areas to pre-project contours and revegetation with native species. Restored areas shall be monitored and maintained with native species as necessary for five years.
22. The Applicant shall provide COMPENSATORY MITIGATION to offset the proposed permanent impacts to **1.40 acres** of vegetation within waters of the United States wetlands by creating or restoring riparian habitat wetland habitat at a minimum **3:1** area replacement ratio (**6.00 acres**). The mitigation site shall be located within the Calleguas Creek Watershed unless otherwise approved by this Regional Board. The Applicant shall submit a **Proposed Mitigation Report** which shall include:

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Conditions of Certification File No. 14-051

- (a) The boundary of the mitigation site shall be clearly identified on a map of suitable resolution and quality and shall also be defined by latitude and longitude.
- (b) The type(s) of mitigation shall be described (e.g., removal of exotics and/or replanting with native species, etc.)
- (c) Success criteria shall be established.

This information shall be submitted to this Regional Board for approval prior to any project activities which take place within waters of the United States and shall include copies of all agreements made between the Applicant and a third party organization regarding compensatory mitigation efforts.

23. The Applicant shall submit to this Regional Board **Annual Mitigation Monitoring Reports** (Annual Reports) by **January 1st** of each year for a minimum period of **five (5) years** following this issuance of 401 Certification or until mitigation/(project) success/(completion) has been achieved and documented. The Annual Reports shall describe in detail all of the project/construction activities performed during the previous year and all restoration and mitigation efforts; including percent survival by plant species and percent cover. The Annual Reports shall describe the status of other agreements (e.g., mitigation banking) or any delays in the mitigation process. At a minimum the Annual Reports shall include the following documentation:
- (a) Color photo documentation of the pre- and post-project and mitigation site conditions;
 - (b) Geographical Positioning System (GPS) coordinates in decimal-degrees format outlining the boundary of the project and mitigation areas;
 - (c) The overall status of project including whether or not work has begun on the Project and a detailed schedule;
 - (d) Copies of all permits revised as required in Additional Condition 1;
 - (e) Water quality monitoring results for each reach (as required) compiled in an easy to interpret format;
 - (f) A certified Statement of “no net loss” of wetlands associated with this project;
 - (g) Discussion of any monitoring activities and exotic plant control efforts; and
 - (h) A certified Statement from the permittee or his/her representative that all conditions of this Certification have been met.
24. All applications, reports, or information submitted to the Regional Board shall be signed:

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Water Discharges Associated with Construction Activity, Order No. 2012-0011-DWQ. All stormwater treatment systems shall be located outside of any water of the State and shall not be used as a wetland or riparian mitigation credit.

29. Coverage under this Certification may be transferred to the extent the underlying federal permit may legally be transferred and further provided that the Applicant notifies the Executive Officer at least 30 days before the proposed transfer date, and the notice includes a written agreement between the existing and new Applicants containing a specific date of coverage, responsibility for compliance with this Certification, and liability between them.
30. The Applicant or their agents shall report any noncompliance. Any such information shall be provided verbally to the Executive Officer within 24 hours from the time the Applicant becomes aware of the circumstances. A written submission shall also be provided within five days of the time the Applicant becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected; the anticipated time it is expected to continue and steps taken or planned to reduce, eliminate and prevent recurrence of the noncompliance. The Executive Officer, or an authorized representative, may waive the written report on a case-by-case basis if the oral report has been received within 24 hours.
31. *Enforcement:*
 - (a) In the event of any violation or threatened violation of the conditions 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.
 - (b) In response to a suspected violation of any condition of this Certification, the State Water Resources Control Board (SWRCB) or Regional Water Quality Control Board (RWQCB) 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 SWRCB deems appropriate, provided that the burden, including costs, of the reports shall be a reasonable relationship to the need for the reports and the benefits to be obtained from the reports.
 - (c) In response to any violation of the conditions of this Certification, the SWRCB or RWQCB may add to or modify the conditions of this Certification as appropriate to ensure compliance.

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32. This Certification shall expire **five (5) years** from date of this Certification. The Applicant shall submit a complete application at least 90 days prior to termination of this Certification if renewal is requested.