

State of California
California Regional Water Quality Control Board
Santa Ana Region

Order No. R8-2020-0018

Waste Discharge Requirements
for
Cal Mat Company, dba Vulcan Materials, West Division
Corona Quarry Expansion Project
City of Corona
Riverside County

The California Regional Water Quality Control Board, Santa Ana Region (hereinafter Santa Ana Water Board), finds that:

1. This Order is for Waste Discharge Requirements (WDRs) for the Cal Mat Company, dba Vulcan Materials, West Division (discharger), Corona Quarry Expansion Project (Project).

WDRs are necessary to address impacts of dredged and fill material on the beneficial uses of waters of the State (WOTS). On May 6, 2019 Glenn Lukos Associates, Inc., on behalf of the discharger, submitted a Report of Waste Discharge (ROWD) and application for a Clean Water Act Section 401 Water Quality Certification (Certification). The Project was assigned the Santa Ana Water Board WDID Number 332019-11. On June 18, 2019, the Santa Ana Water Board staff determined that the proposed discharges of fill would be to both WOTS and waters of the United States (WOTUS). On June 18, 2019, the Santa Ana Water Board also found the ROWD to be incomplete. On July 1, 2019, the discharger provided the additional information needed to complete the ROWD. The ROWD was considered complete on July 31, 2019.

An application fee of \$1,638.00 was received on May 6, 2019. An additional check for \$2,129.00 based on total Project impacts was received on November 15, 2019. The fee amount was determined as required by California Code of Regulations, title 23, sections 3833(b)(3) and 2200(a)(3) and was calculated as category A - Fill & Excavation Discharges (fee code 84) with the dredge and fill fee calculator.

This Order regulates the discharge of fill material to WOTS and WOTUS.

2. As a result of the discharge of fill to WOTUS, this Order will serve as a Certification for federal permitting by the U.S. Army Corps of Engineers under Nationwide Permit Number 44, Mining Activities.
3. The discharger proposes to develop approximately 110 acres to expand a surface mining operation to provide aggregate products to the local construction industry. The

current mining operation occupies approximately 160 acres of a 260-acre property. The Project will develop the remaining 100 acres of the property, as well as a 10.4-acre offsite area that the discharger leases from another landowner. As part of the Project, a conveyor bridge is proposed to span Temescal Wash in order to transport finished product across the Wash to a stockpile area/loadout area. The conveyor bridge would include an elevated conveyor system arm with a catch tray connecting the site to VMC's existing aggregate processing facility within the Corona Quarry site. The conveyor arm would entirely span a narrow and unvegetated portion of Temescal Wash located immediately adjacent to an existing bridge crossing that connects to the VMC facility. The bottom of the conveyor bridge would be approximately 28 feet above Temescal Wash. The catch tray would ensure that no aggregate material would inadvertently fall into the Wash.

4. WOTS and WOTUS, unnamed drainages that are or were tributary to Temescal Creek, Reach 2, would initially be filled with rock and overburden from mining activities that would result in elimination of the bed and bank characteristics. The filled WOTS and WOTUS would subsequently be excavated as phased extractive mining operations encompass those areas.
5. The mine expansion would permanently impact 0.17 acre and 3,660 linear feet of WOTUS. Additionally, the mine expansion would result in permanent impacts to 0.09 acre and 3,254 linear feet of WOTS.
6. The Project is located on both sides of Sherborn Street, on both sides of Temescal Creek, south of the existing quarry, and south of the San Bernardino National Forest Boundary in the City of Corona, Riverside County, in the un-sectioned El Sobrante de San Jacinto Landgrant of the United States Geological Survey Corona South 7.5-minute topographic quadrangle map (33.8592° N/-117.5148° W). A map showing the Project location is found in Attachment A of this Order.
7. The Project site consists of disturbed and undisturbed land; portions of the site have been used as areas for storage and transport of mined aggregate materials. Onsite WOTUS consist of Temescal Creek, Reach 2, and branched ephemeral drainages. The unnamed ephemeral drainages are tributary to Temescal Creek, Reach 2. The WOTS that are not WOTUS are three branched ephemeral drainages that were tributaries of Temescal Creek, Reach 2, but have been isolated from Temescal Creek by mining activities. Temescal Creek, Reach 2, has designated beneficial uses (existing or potential) that include:
 - i. Agricultural Supply (AGR)
 - ii. Industrial Service Supply (IND)
 - iii. Groundwater Recharge (GWR)
 - iv. Water Contact Recreation (REC1)
 - v. Non-Contact Water Recreation (REC2)
 - vi. Warm Freshwater Habitat (WARM)

- vii. Wildlife Habitat (WILD)
 - viii. Rare, Threatened, or Endangered Species (RARE)
8. The discharger will provide compensatory mitigation for permanent impacts to 0.09 acre to WOTS and 0.17 acre of WOTUS by mitigation through the purchase 0.72 acre of reestablishment credits (an approximate 2.8:1 mitigation ratio) from a Santa Ana Water Board-approved mitigation bank or in-lieu fee program within the Santa Ana River Watershed.
 9. The Santa Ana Water Board has the authority to regulate the discharge of dredged and fill materials through the issuance of WDRs pursuant to California Water Code section 13263. The Santa Ana Water Board has determined that WDRs are necessary to adequately address the Project's potential impacts on the beneficial uses of WOTS.
 10. California Water Code section 13263 authorizes the Santa Ana Water Board, after any necessary hearing, to prescribe requirements as to the nature of any proposed discharge with relation to the conditions existing in the disposal area or receiving waters upon, or into which, the discharge is made or proposed. The requirements must implement any relevant water quality control plans that have been adopted and take into consideration the beneficial uses to be protected, the water quality objectives reasonably required for that purpose, other waste discharges, the need to prevent nuisance, and the provisions of California Water Code section 13241. In accordance with subdivision (g) of section 13263, all discharges of waste into WOTS are privileges, not rights, and the WDRs in this Order shall not create a vested right to continue to discharge and are subject to rescission or modification.
 11. Pursuant to California Water Code section 13267, the Santa Ana Water Board, in establishing or reviewing any water quality control plan or WDRs, or in connection with any action relating to any plan or requirement authorized by Division 7 of the California Water Code, may investigate the quality of any WOTS within its region. In conducting such an investigation, the Santa Ana Water Board may require that any person who has discharged, discharges, or is suspected of having discharged or discharging, or who proposes to discharge waste within its region, furnish, under penalty of perjury, technical or monitoring program reports. The burden, including costs, of these reports must bear a reasonable relationship to the need for the report and the benefits to be obtained from the reports. The WDRs contained in this Order incorporate requirements for water quality monitoring and Project reporting, which are necessary to ensure that the discharge of dredged and fill material complies with WDRs and is protective of the environment.
 12. The WDRs in this Order are adopted pursuant to California Water Code sections 13263 and 13267. The WDRs set forth the requirements, prohibitions, and other conditions to implement the Water Quality Control Plan for the Santa Ana River Basin (Basin Plan), and the discharger's responsibilities for monitoring and reporting. The discharger is responsible for ensuring compliance with the WDRs. In addition, this Order also regulates the discharge of fill material to WOTS.

13. It is the policy of the State of California that every human being has the right to safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes. This Order promotes that policy by requiring that discharges not exceed maximum contaminant levels designed to protect human health and ensure that water is safe for domestic use.
14. Pursuant to California Code of Regulations, Title 14, Chapter 3, section 15096, as a responsible agency, the Santa Ana Water Board is required to consider CEQA documents prepared by the lead agency to determine a Project should receive Certification. A responsible agency has responsibility to mitigate and avoid only the direct and indirect environmental effects of those parts of the project that it decides to carry out, finance, or approve. Further, the responsible agency must make findings as required by section 15091 and, if necessary, section 15093 for each and every significant impact of the Project.
15. On October 4, 1989, the Riverside County, as lead agency, certified an Environmental Impact Report (EIR) for the Project and filed a Notice of Determination (NOD) at the Clerk of the Board of Supervisors, County of Riverside on November 22, 1989. On May 12, 2014, the City of Corona, as lead agency, adopted an addendum to the EIR and filed an NOD with Riverside County on May 13, 2014. Additionally, on June 4, 2014, the City of Corona, as lead agency adopted another addendum to the EIR and filed an NOD with Riverside County on June 19, 2014.

As required by section 15096, in approving this Certification, the Santa Ana Water Board has considered the EIR certified by the County of Riverside and the addendums adopted by the City of Corona and subsequent information provided by the discharger. More specifically, the Santa Ana Water Board considered those sections of the EIR pertaining to impacts to water quality standards. Based on the mitigation proposed in the EIR and the Conditions set forth in this Certification, potentially adverse impacts to water quality standards should be reduced to a less than significant level and beneficial uses protected, if all stated mitigation and conditions are performed.

16. The Santa Ana Water Board has considered antidegradation pursuant to State Water Resources Control Board (State Water Board) Resolution No. 68-16 and Title 40, Code of Federal Regulations section 131.12 and finds that the discharge permitted under this Order is consistent with those provisions. State Water Board Resolution No. 68-16 requires that existing quality of waters be maintained unless degradation is justified based on specific findings. Minimal water quality degradation may be allowed only if any change in water quality is consistent with the maximum benefit to the people of the State; the degradation will not unreasonably affect present and anticipated beneficial uses; and the degradation will not result in violation of any applicable water quality control plan. Discharges must meet requirements that will result in the best practicable treatment or control to avoid pollution or a condition of nuisance.

Consistent with the antidegradation policy, any degradation resulting from the discharges authorized by this Order provides the maximum benefit to the people of the State. Flood protection is critical to the safety of the public. Moreover, this Order contains WDRs to ensure present and future beneficial uses are maintained or enhanced through compensatory mitigation and monitoring requirements for authorized impacts to WOTS. The WDRs ensure that the highest level of water quality is maintained consistent with the maximum benefit to the people of the State by prohibiting certain discharges, requiring the implementation of BMPs, and requiring the discharger to submit an annual report.

17. The Santa Ana Water Board has notified the discharger and other interested agencies and persons of its intent to prescribe WDRs for the discharge and has provided them with an opportunity for public hearing and an opportunity to submit their written views and recommendations.

IT IS HEREBY ORDERED that the discharger, in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder, shall comply with the following:

A. DISCHARGE SPECIFICATIONS:

1. No activities associated with the Project shall cause or threaten to cause a nuisance or pollution as defined in section 13050 of the California Water Code.
2. The discharge of any substance in concentrations toxic to animal or plant life is prohibited.
3. The groundwater in the vicinity of the Project shall not be degraded as a result of the Project activities or placement of fill for the Project.
4. The discharger shall comply with conditions described in and required by the State Water Board's NPDES General Permit for Storm Water Discharges Associated with Construction and Land Disturbance Activities (Order No. 2009-0009-DWQ, as amended by Order No. 2012-0006-DWQ; NPDES No. CAS000002) and any subsequent approvals.
5. The discharger shall comply with the local regulations associated with the Santa Ana Water Board's Municipal Stormwater Permit issued to Riverside County and co-permittees under NPDES No. CAS618033 and WDR Order No. R8-2010-0033, and subsequent iterations thereof.
6. The discharge of fill materials shall be limited to the placement of native fill and inert materials, as defined in Section 20230, Division 2, Title 27 of the California Code of Regulations. The discharge of fill material other than native soil is prohibited, unless authorized by the Santa Ana Water Board.

B. DISCHARGE PROHIBITIONS:

1. The direct discharge of wastes, including rubbish, refuse, bark, sawdust, or other solid or liquid wastes, into channels, surface waters, or any place where they would contact or be eventually transported to surface waters, including flood plains, is prohibited.
2. The discharge of oil or other floating materials from any activity in quantities sufficient to cause deleterious bottom deposits, turbidity, or discoloration in surface waters is prohibited.
3. The discharge of silt, sand, clay, or other earthen materials from any activity in quantities sufficient to cause deleterious bottom deposits, turbidity, or discoloration in surface waters is prohibited.
4. Discharges to surface waters of wastes or pollutants that are not otherwise regulated by a separate NPDES permit are prohibited.
5. During the grading and filling operation, there shall be no onsite fueling, lubrication, changing of oil or other equipment fluids and their filters, or any other maintenance or storage of construction equipment within or next to drainage areas or other surface runoff conveyances.

C. PROVISIONS:

1. Prior to the start of Project activities, the discharger shall purchase 0.72 acre of reestablishment credits from a Santa Ana Water Board-approved mitigation bank or in-lieu fee program in the Santa Ana River watershed and submit verification of the purchase to Santa Ana Water Board staff.
2. The discharger shall maintain a copy of this Order at the Project site so that it is always available to site operating personnel. Key operating personnel shall be familiar with the Order's content.
2. The discharger shall comply with all of the requirements of this Order. Any violation of this Order constitutes a violation of the California Water Code, may constitute a violation of the federal Clean Water Act and its regulations, and is grounds for enforcement action, termination of this Order, revocation and re-issuance of this Order, denial of an application for re-issuance of this Order, or a combination thereof.
3. The discharger shall take all reasonable steps to minimize or prevent any discharge that has a reasonable likelihood of adversely affecting human health or the environment.
4. The provisions of this Order are severable and, if any provision of this Order or the application of any provisions of this Order to any circumstance is held invalid, the application of such provision to other circumstances and the remainder of this Order shall not be affected thereby.

5. The filing of a request by the discharger for modification, revocation and re-issuance, or termination of this Order or a notification of planned changes or anticipated noncompliance does not stay any requirements of this Order.
6. The requirements prescribed herein do not authorize the commission of any act causing injury to the property of another, nor protect the discharger from liabilities under federal, State, or local laws, nor guarantee the discharger a capacity right in the receiving waters.
7. This Order does not convey any property rights of any sort, or any exclusive privilege.
8. This Order is not transferable in its entirety or in part to any person or organization except after notice to the Santa Ana Water Board in accordance with the following terms:
 - a. The discharger shall notify the Santa Ana Water Board by submitting a Transfer of Property Ownership Report, of any change in ownership or interest in ownership of the Project area. The discharger and purchaser shall sign and date the notification and provide such notification to the Santa Ana Water Board at least ten (10) days prior to the transfer of ownership. The purchaser shall also submit a written request to the Santa Ana Water Board to be named as the discharger in a revised order.
 - b. Until such time as this Order has been modified to name the purchaser as the discharger, the discharger identified in this Order shall continue to be responsible for all requirements set forth in this Order.
9. In the event of any change in control or ownership of land or waste discharge facility presently owned or controlled by the discharger, the discharger shall notify the succeeding owner or operator of the existence of this Order by letter, a copy of which shall be forwarded to the Santa Ana Water Board.
10. The discharger shall submit an Annual Report each year on the anniversary of this Order. Annual reporting shall continue until a *Notice of Project Complete Letter* is issued to the discharger. The contents of the Annual Report shall include a construction summary including: Project process and schedule, including ground disturbance, site clearing and grubbing, site construction, and implementation status of Best Management Practices during the Active Discharge Period. If the Project has not started, the discharge shall provide an estimated start date and reasons for delay.
11. The discharger shall submit a *Commencement of Construction Report* at least seven (7) days prior to start of initial ground disturbance activities.
12. The discharger shall submit a *Request for Notice of Completion of Discharges Letter* following completion of active Project construction activities, including any required restoration and discharger-responsible mitigation. This request shall be submitted to the Santa Ana Water Board staff within thirty (30) days following completion of all Project construction activities. Upon acceptance of the request, Santa Ana Water Board staff will

issue to the discharger a *Notice of Completion of Discharges Letter*, which will end the active discharge period and, if appropriate, associated annual fees.

13. The discharger shall submit a *Request for Notice of Project Complete Letter* when construction and any required post-construction monitoring is complete and no further Project activities will occur. This request shall be submitted to Santa Ana Water Board staff within thirty (30) days following completion of all Project activities. Upon approval of the request, the Santa Ana Water Board staff will issue to the discharger a *Notice of Project Complete Letter*, which will end the post discharge monitoring period and associated annual fees.
14. The discharger shall retain records of all monitoring information, including all calibration and maintenance records, copies of all reports required by this Order, and records of all data used to complete the application for this Order. Records shall be maintained for a minimum of five (5) years from the date of the sample, measurement, report, or application. Records may be maintained electronically. This period may be extended during the course of any unresolved enforcement action or litigation regarding this discharge or when requested by the Santa Ana Water Board.
15. The Santa Ana Water Board and other authorized representatives shall be allowed:
 - a. Entry upon premises where a regulated facility or activity is located or conducted, or where records are kept under the requirements of this Order;
 - b. Access to copy any records that are kept under the requirements of this Order;
 - c. To inspect any facility, equipment (including monitoring and control equipment), practices, or operations regulated or required under this Order; and
 - d. To photograph, sample, and monitor for the purpose of assuring compliance with this Order.
16. This Order becomes effective on the date of adoption by the Santa Ana Water Board.
18. This Order will remain valid for five years from the date of this Order.
19. This Order certifies that any discharge from the referenced Project will comply with the applicable provisions of Clean Water Act 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), as long as all of the conditions listed in the Order are met.

I, Hope A. Smythe, Executive Officer, do hereby certify that the foregoing is a full, true, and correct copy of an order adopted by the California Regional Water Quality Control Board, Santa Ana Region, on May 8, 2020.

HOPE A. SMYTHE
Executive Officer