

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

**895 Aerovista, Suite 101
San Luis Obispo, California 93401**

**WASTE DISCHARGE REQUIREMENTS
ORDER NO. R3-2005-0017**

Waste Discharge Identification No. 3 402001001

For

**Hanson Aggregates
Santa Margarita Quarry
San Luis Obispo County**

The California Regional Water Quality Control Board, Central Coast Region, (hereafter Board), finds that:

1. Hanson Aggregates, Inc. (hereafter Discharger), formerly Southern Pacific Milling Company, operates wash water and storm water treatment systems for its Santa Margarita Plant. The Discharger mines and produces quarry rock products and asphalt at this facility.
2. The proposed Order prohibits a surface water discharge of process water. Captured storm water is being utilized within the quarry operation to supplement source water. These waste discharge requirements regulate process water and captured storm water. If a surface water discharge of treated storm water is needed, the Discharger must file a Notice of Intent to be regulated by the General Storm Water Permit.
3. The quarry and treatment systems are located on property leased and owned by the Discharger in San Luis Obispo County, (T29S, R13E, Section 10, MD B&M), as shown on Attachment "A" and Attachment "B."
4. The quarry site is on 400 acres. Storm water from the quarry is directed to a large quarry pit that can easily contain all storm water runoff produced during a normal wet season. Historically, a discharge to the Salinas River occurred when it was necessary to pump the quarry pond for operating purposes. The Discharger has initiated a program to utilize captured storm water from the quarry for dust control and make-up water for the washing facility.
5. The wash water and storm water treatment systems consist of sedimentation ponds. A maximum of 288,000 gallons per day (gpd) of product wash water is recycled after treatment in a series of settling ponds. This includes the addition of 90,000 gpd of make-up water obtained from diversion of Salinas River water and captured storm water. No surface water discharge occurs from this series of ponds.
6. Sanitary wastes are disposed of principally to chemical toilets. One office restroom is served by a septic tank leachfield system. Total sanitary waste flow is estimated to be less than 300 gallons per day.
7. All drinking water at the quarry is commercially bottled water.
8. The Water Quality Control Plan, Central Coast Basin (Basin Plan) was adopted by the Board on November 19, 1989, and approved by the State Water Resources Control Board on August 16, 1990. The Board approved amendments to the Basin Plan on February 11, 1994, and September 8, 1994. The Basin Plan incorporates statewide plans and policies by reference and contains a strategy for protecting beneficial uses of State waters.

9. The facility is located between the Pozo groundwater basin and the Atascadero subarea of the Paso Robles groundwater basin. The Basin Plan does not specify numeric groundwater objectives for that area.
10. Groundwater tends to move in a northerly direction following the River. Present and anticipated beneficial uses of groundwater in the vicinity of the discharge include:
 - a) Domestic and municipal water supply;
 - b) Industrial process supply;
 - c) Agricultural water supply; and
 - d) Industrial service supply.
11. Existing and anticipated beneficial uses of the Salinas River in the vicinity of the discharge include:
 - a) Municipal and domestic water supply;
 - b) Agricultural supply;
 - c) Industrial process supply;
 - d) Groundwater recharge;
 - e) Water contact recreation;
 - f) Non-contact water recreation, including aesthetic enjoyment;
 - g) Wildlife habitat;
 - h) Warm fresh water habitat;
 - i) Cold fresh water habitat;
 - j) Fish Migration, Spawning, Reproduction, and or early development and,
 - k) Rare, Threatened or Endangered Species Habitat.
12. These waste discharge requirements are for an existing facility and are exempt from the provisions of the California Environmental Quality Act (Public Resources Code, Section 21000, et. seq.) in accordance with Section 15301, Article 19, Chapter 3, Division 6, Title 14 of the California Code of Regulations.
13. On March 8, 2005 the Board notified the Discharger and interested agencies and persons of its intent to issue waste discharge requirements for the discharge and has provided them with a copy of the proposed order and an opportunity to submit written views and comments, and scheduled a public hearing.
14. In a public hearing on May 13, 2005, the Board heard and considered all comments

pertaining to the discharge and found this Order consistent with the above findings.

IT IS HEREBY ORDERED, pursuant to authority in Section 13263 of the California Water Code, that Hanson Aggregates, Inc., its agents, successors, and assigns, may discharge waste from the Santa Margarita Quarry process washwater system providing compliance is maintained with the following:

(Note: General permit conditions, definitions and the method of determining compliance are contained in the attached "Standard Provisions and Reporting Requirements for Waste Discharge Requirements," dated January 1984).

All technical and monitoring reports submitted pursuant to this Order are required pursuant to Section 13267 of the California Water Code. Failure to submit reports in accordance with schedules established by this Order, attachments to this Order, or failure to submit a report of sufficient technical quality to be acceptable to the Executive Officer, may subject the Discharger to enforcement action pursuant to Section 13268 of the California Water Code. The Regional Board will base all enforcement actions on the date of Order adoption.

Throughout these requirements footnotes are listed to indicate the source of requirements specified. Requirements not referenced are based on professional judgement and experience. Requirement footnotes are as follows:

BP = Basin Plan

A. DISCHARGE PROHIBITIONS

1. Discharge of process wash waters to other than the settling, evaporation and percolation ponds, shown on Attachment "B", is prohibited.
2. Discharge of fuels, greases, or oil to the ponding system or surface waters is prohibited.
3. Discharge of sanitary wastes to the ponding system or surface waters is prohibited.

4. Discharge of storm water from the quarry to the Salinas River is prohibited unless the Discharger obtains coverage under the General Storm Water Permit.
5. Creation of a condition of pollution, contamination, or nuisance as defined in section 13050, Division 7, of the California Water Code is prohibited.

B. DISCHARGE SPECIFICATIONS

1. The TDS of process wastewater in Pond 1 shall not exceed that of Pond 2 by 300 mg/L.
2. The pH discharged to the pond shall not be less than 6.5 or greater than 8.5 at any time.
3. All exterior containment dikes on the ponds must have a minimum two-foot freeboard at all times.
4. Sanitary wastes shall remain underground at all times.
5. The discharge shall not contain substances in concentrations toxic to human, animal, plant, or aquatic life.

C. PROVISIONS

1. By October 1st of each year, the Discharger shall inspect, install, and have in proper operating conditions, all erosion and sediment control systems and measures necessary to ensure compliance with this Order.
2. The Discharger shall maintain a copy of this Order at the site available to all operating personnel.
3. The Discharger shall operate and maintain the domestic septic tank and leach field system in

a manner which does not allow surfacing of effluent or nuisance conditions to be present.

4. Prior to closure of the Santa Margarita Plant, the Discharger shall have an approved Closure Plan and Post-Closure Maintenance Plan. These plans shall include adequate funding for closure and post-closure maintenance costs.
5. The requirements prescribed by this Order supersede the requirements prescribed by Order No. 00-005, adopted by this Board on May 19, 2000. Order No. 00-005 is hereby rescinded.
6. Discharger shall comply with Monitoring and Reporting Program No. R3-2005-0017, and any amendments thereto, as ordered by the Executive Officer.
7. Discharger shall comply with all items of the attached "Standard Provisions and Reporting Requirements for Waste Discharge Requirements", dated January 1984, (also referred to as "Standard Provisions") except Item Nos. A.15, A.17, and C.16.
8. Pursuant to Title 23, Division 3, Subchapter 9, of the California Code of Regulations, the Discharger must submit a written report to the Executive Officer not later than May 19, 2005 addressing:^{BP}
 - a. Whether there will be changes in the continuity, character, location, or volume of the discharge; and,
 - b. Whether, in their opinion, there is any portion of the Order that is incorrect, obsolete, or otherwise in need of revision.
 - c. A summary of all violations of Waste Discharge Requirements Order No. 00-005, which occurred since adoption of the order along with a description of the cause(s) and corrective action.

I, ROGER W. BRIGGS, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an Order adopt by the California Regional Water Quality Control Board, Central Coast Region, on May 13, 2005.

Roger W. Briggs, Executive Officer

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