

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

STAFF REPORT FOR REGULAR MEETING OF SEPTEMBER 21-22, 2017

Prepared on August 1, 2017

ITEM NUMBER: 12

SUBJECT: Revision of Waste Discharge Requirements, Reissuance of National Pollutant Discharge Elimination System Permit No. CA0005274 for Granite Rock Company Arthur Wilson Quarry, San Benito County, Order No. R3-2017-0027

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KEY INFORMATION

Location: End of Quarry Road, Aromas, CA 95004
Place ID: 227770
Type of Discharge: Primary treated wastewater and storm water
Permitted Flow: 9 million gallons per day (MGD)
Average Flow: N/A
Type of Treatment: Primary treatment through settling
Disposal Method: Discharge to Pajaro River
Solid Wastes: Solids are recycled and sold as product
Existing Orders: Waste Discharge Requirements Order No. R3-2010-0025

This Action: Adopt Order No. R3-2017-0027

SUMMARY

This agenda item considers the reissuance of an existing NPDES permit. The Fact Sheet, Attachment F of the proposed Order, includes the legal requirements and technical rationale that serve as the basis for the requirements of the permit. Water Board staff recommends adoption of the proposed Order.

DISCUSSION

The Granite Rock Company (hereinafter Discharger) is the sole owner of the Arthur Wilson Quarry (hereinafter Facility) providing wastewater treatment and storage for active quarry operations and storm water events.

The Facility uses the Quarry Storage Reservoir (also referred to as Quarry Lake) for settling and reuse of rainfall, treated process water, and supplemental groundwater. Except during heavy storm events, the facility has no discharge, as evaporation and recycling manage the entire flow of process water.

Changes from the Existing Order

The proposed Order is structured in accordance with the statewide NPDES permit template. The proposed Order is consistent with the previous Order with the exception of the following changes and modifications:

- Added Discharge Prohibition for fecal coliform bacteria from human sources consistent with Central Coast Total Daily Maximum Load (TMDL) for Pajaro River (pages 2 and F-9).
- Added chlorpyrifos, diazinon, and fecal coliform monitoring due to TMDL for Pajaro River. All three of these are allowed a WLA of zero, so monitoring is required to confirm this. Since the discharge is irregular and infrequent, monitoring frequency is set to once per discharge event (page F-19).
- Established a chronic toxicity limitation implementing the Test of Significant Toxicity (page F-23), in lieu of an acute toxicity limitation to be consistent with USEPA guidance.
- Discontinuation of process supply water monitoring (page F-24).
- Updated monitoring periods and reporting schedule to be consistent with the CIWQS reporting requirements entry system. No substantive changes result from this update; the revision is only to facilitate regulatory measure entry into CIWQS.

Compliance History

Equipment failure (process pipe rupture) has resulted in unauthorized discharge to the Pajaro River previously at the Facility. The Discharger has remedied the equipment failure and improved water recycling onsite during the term of the existing Order.

COMMENTS

The Central Coast Water Board notified the Discharger and interested agencies and persons of its intent to prescribe WDRs for the discharge and provided an opportunity to submit written comments and recommendations. Notification was provided by posting on the Central Coast Water Board's website and posting at the facility. The written comments were due at the Central Coast Water Board office by 5:00 p.m. on July 26, 2017. No written comments were received during the comment period.

RECOMMENDATION

Adopt Order No. R3-2017-0027, as proposed.

ATTACHMENT

For copies, please refer to the Central Coast Water Board's internet website at:
http://www.waterboards.ca.gov/centralcoast/board_info/agendas/2017/2017_agendas.shtml

1. Proposed Order No. R3-2017-0027, including the following associated attachments:
Attachment A – Definitions

- Attachment B – Map
- Attachment C – Flow Schematic
- Attachment D – Standard Provisions
- Attachment E – Monitoring and Reporting Program (MRP)
- Attachment F – Fact Sheet

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