

STATE OF CALIFORNIA
REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL COAST REGION

DRAFT STAFF REPORT FOR REGULAR MEETING OF DECEMBER 8 - 9, 2016

Prepared on September 23, 2016

ITEM NUMBER: **X**

SUBJECT: Revision of Waste Discharge Requirements, Reissuance of National Pollutant Discharge Elimination System General Permit No. CAG993002 for Discharges of Highly Treated Groundwater, Order No. R3-2016-0035

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KEY INFORMATION

Discharger: Any person, partnership, firm, corporation, association, trust estate, or any other legal entity
Location: Locations throughout the Central Coast Region
Type of Discharge: Groundwater extraction and treatment at any active cleanup sites
Waste Types: Total Petroleum Hydrocarbons, Chlorinated Solvents, Perchlorate, or other chemicals
Permitted Flow: Continuous discharges up to 0.2 million gallons per day (MGD) and Batch discharges up to 0.25 MGD for up to one month duration
Type of Treatment: Sediment and granular activated carbon filtration system which may have bioreactors or ion exchange systems as part of the treatment train
Disposal Method: Surface water discharge
Solid Wastes: Not applicable
Existing Orders: Waste Discharge Requirements Order No. R3-2011-0222
Reclamation: Not applicable
This Action: **Adopt Order No. R3-2016-0035**

SUMMARY

Operators of underground storage tanks (USTs), dry cleaning, oil field, or other industrial operations sometimes illegally and/or inadvertently discharge petroleum or other chemicals, such as perchlorate or chlorinated solvents, to the environment. As part of a responsible party's cleanup efforts, the party may perform excavation dewatering during the removal or installation of USTs or clarifies, aquifer pumping tests, remedial pilot tests, or use groundwater extraction to contain the wastes in groundwater on the polluted property. As part of these tests or cleanup efforts, the operator may generate wastewater that may not be able to be disposed of at a municipality's sanitary sewer system. In addition, these operators are not eligible to recycle this type of wastewater per the Statewide Recycling General Permit. (2016-0068-DDW).

To be considered for enrollment under this Order, dischargers must highly treat the extracted groundwater at these cleanup sites to remove wastes prior to discharge to surface waters. Currently, there are five enrollees in this general NPDES permit and these responsible parties treat the extracted groundwater using granular activated carbon and/or other treatments (i.e.

resins). The discharger, site location, and waste type being cleaned up is shown on the table below:

Responsible Party	Cleanup Site Name and Address/ Link to GeoTracker Case	Groundwater is treated to remove:
Shell Exploration & Production, Inc.	Former Shell Hercules Gas Plant, Santa Barbara County/ http://geotracker.waterboards.ca.gov/profile_report?global_id=SL203331271	Petroleum wastes and polychlorinated biphenols
Hart Family Trust	Speedee Oil Change (former Chevron Service Station) 1488 Freedom Boulevard, Watsonville, Santa Cruz County/ http://geotracker.waterboards.ca.gov/profile_report?global_id=T0608700043	Petroleum wastes
Whittaker Corporation	Former Whittaker Ordnance, 2751 San Juan Road, Hollister, San Benito County/ http://geotracker.waterboards.ca.gov/profile_report?global_id=SL203161254	Perchlorate and chlorinated solvents
Arcadis, Inc.	Former Watkins Johnson Superfund Site, 440 Kings Village Drive, Scotts Valley, Santa Cruz County/ http://geotracker.waterboards.ca.gov/profile_report?global_id=T0608591625	Chlorinated solvents
Scott's Valley Phase II	Scott's Valley Dry Cleaners, 272 Mount Herman Road, Scotts Valley, Santa Cruz County/ http://geotracker.waterboards.ca.gov/profile_report?global_id=SLT3S5621370	Chlorinated solvents

NO SUBSTANTIVE CHANGES FROM THE EXISTING ORDER

Central Coast Water Board staff hopes that the State Water Resources Control Board will be preparing a statewide, general NPDES permit for groundwater cleanup discharges soon. Central Coast Water Board staff proposes to reissue our general permit now, as this will allow dischargers to continue to perform groundwater cleanup in our region.

Because a statewide general permit will be comprehensive and all inclusive, Central Coast Water Board staff did not substantively revise the new Order from the previous Order the Board adopted in 2011. However, Central Coast Water Board staff did update the following:

1. Reformatted the permit to be consistent with the statewide NPDES permit template;
2. Included the compound-specific/priority pollutant table as part of the permit as Table 4 (formerly was included as an attachment);
3. Included the 2013 Central Coast Water Board's Standard Provisions (Attachment D);
4. Included test method references and species information to the acute and chronic toxicity testing requirements section in the Monitoring and Reporting Program (Attachment E); and

Order No. R3-2016-0035 is included as Attachment 2.

PUBLIC COMMENTS

On September 23, 2016, Dischargers and other interested parties received a letter/public notice that the draft permit would be re-issued in December 2016. The draft permit was posted on the Central Coast Water Board's tentative order page website on September 23, 2016. The public notice is scheduled to be published in the following newspapers (dates): Monterey Herald (09/23/2016),

Santa Cruz Sentinel (09/23/2016), San Luis Obispo Tribune (10/02/2016), Morgan Hill Times (09/30/2016), and the Santa Barbara News Press (09/23/2016).

RECOMMENDATION

Adopt Order No. R3-2016-0035, as proposed.

ATTACHMENTS

For copies, please refer to the Central Coast Water Board's internet website at:

1. Proposed Order No. R3-2016-0035, including the following attachments:

- Attachment A – Definitions
- Attachment B – Notice of Intent
- Attachment C – Notice of Termination
- Attachment D – Standard Provisions
- Attachment E – Monitoring and Reporting Program
- Attachment F – Fact Sheet

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