



California Regional Water Quality Control Board

Los Angeles Region



Alan C. Lloyd, Ph.D.
Agency Secretary

Recipient of the 2001 Environmental Leadership Award from Keep California Beautiful

Arnold Schwarzenegger
Governor

320 W. 4th Street, Suite 200, Los Angeles, CA 90013
Phone (213) 576-6600 FAX (213) 576-6640 - Internet Address: <http://www.waterboards.ca.gov/losangeles>

January 18, 2006

Mr. Steve Khroyan
K. Hovnanian at Aliso, LLC
520 North Central Avenue
Glendale, CA 91203

Dear Mr. Khroyan:

GENERAL WASTE DISCHARGE REQUIREMENTS FOR SPECIFIED DISCHARGES TO GROUNDWATER – GROUNDWATER IN SANTA CLARA AND LOS ANGELES RIVER BASINS – CAGNEY RANCH RESIDENTIAL DEVELOPMENT SITE, 18000 SESNON ROAD, GRANADA HILLS, CALIFORNIA (Order No. 93-010, CI-9017 Series No. 023, File No. 05-226)

On October 18, 2005, we received a Report of Waste Discharge (RoWD) submitted by Environmental and Regulatory Specialists, Inc. on behalf of K. Hovnanian at Aliso, LLC (hereafter the Discharger) for discharge of construction dewatering groundwater produced during the Cagney/ Aliso Residential Development Project.

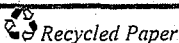
The Cagney Ranch/Aliso site is located on the southern slope of the Santa Susanna Mountains in the North Portion of San Fernando Valley near the city of Granada Hills in Los Angeles County. The site is located within Aliso Canyon, approximately one mile north of Highway 118. The site's longitude and latitude are at approximately 34° 17'31" N, 118° 32'06"W. Elevation on the property ranges from 1,600 feet above mean sea level (MSL) in the northeastern portion of the site to 1,400 feet above MSL in the southwestern portion of the site.

The Cagney Ranch/Aliso project is a 52-acre residential development site for the construction of 45 homes and associated roads and infrastructure and the installation of approximately 4,000 linear feet of sewer alignment to serve the development. Creek side groundwater was encountered during the construction of the permitted sewer line through Aliso Creek and its unnamed tributaries. The construction groundwater will be discharged to land via percolation ponds, sheet flow infiltration or dust control. Some construction groundwater will be discharged to surface water under a separate NPDES permit. All groundwater encountered is expected to result either from work directly within the creek or from work in close proximity to the creek. Aliso Creek and its tributaries are characterized as intermittent to perennial and because of the recent high precipitation totals are experiencing high flows and high water table.

The anticipated groundwater will be encountered during the installation of the off-site sewer alignment, which runs parallel and in close proximity to Aliso Creek during the installation of some sewer lines and several manholes. The duration of the sewer line installation activities and groundwater discharge activities is not expected to exceed three months.

The groundwater encountered within close proximity to Aliso Creek during the sewer line installation as well as groundwater encountered during the in-creek construction is expected to

California Environmental Protection Agency



Our mission is to preserve and enhance the quality of California's water resources for the benefit of present and future generations.

Mr. Steve Khroyan
K. Hovnanian at Aliso, LLC
Cagney Ranch/Aliso Project

- 2 -

January 18, 2006
CI-9017

be of similar characteristic as the surface flow within Aliso Creek because the majority of the water encountered most likely represents the subsurface component of the stream flow in this canyon. The groundwater already encountered had been sampled and analyzed.

Water quality of the dewatered groundwater meets the standards for groundwater quality as listed for the San Fernando Basin West of Highway 405. Water quality results for constituents tested were compared with objectives for groundwater for the San Fernando Basin West of Highway 405 as listed in the Basin Plan. The San Fernando Basin West of Highway 405 has existing beneficial use as municipal water supply, therefore the water quality results were compared with Title 22 primary MCLs.

Waste Discharge Requirements (E.6.) of Board Order No 93-010 states: "Wastewater discharged to groundwater shall maintain the existing water quality, even if that existing water quality exceeds established objectives. A determination shall be made by the Executive Officer as to the applicability of water quality standards with regard to the "Statement of policy With Respect to Maintaining High Quality of Water in California", with each discharge, on a site – specific basis". The proposal is for groundwater to be utilized in the area from which it was extracted. It will not be a threat to water quality nor will it threaten beneficial uses of the local groundwater.

Regional Board staff have reviewed the information provided and determined that the proposed discharge meets the conditions specified in Order No. 93-010, "General Waste Discharge Requirements for Specified Discharges to Groundwater in Santa Clara River and Los Angeles River Basins" adopted by this Board on January 25, 1993.

Enclosed are the Waste Discharge Requirements Order No. 93-010, Monitoring and Reporting Program CI No. 9017 and Standard Provisions.

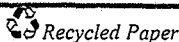
The Monitoring and Reporting Program requires you to implement the monitoring program on the date you receive this Order. All monitoring reports should be sent to the Regional Board, ATTN: information Technology Unit.

When submitting monitoring and technical reports to the Regional Board per these requirements, please include a reference to "Compliance File No. CI-9017, which will assure that the reports are directed to the appropriate file and staff. Also, please do not combine other reports with your monitoring and reports. Submit each type of report as a separate document.

In order to avoid future annual fees, please submit a termination certification when the project has been completed and the permit is no longer needed.

We are sending Board Order No. 93-010 only to the applicant. A copy of the Order will be furnished to anyone who requests it.

California Environmental Protection Agency



Our mission is to preserve and enhance the quality of California's water resources for the benefit of present and future generations.

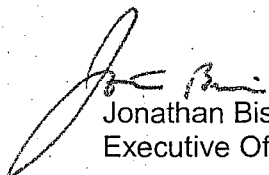
Mr. Steve Khroyan
K. Hovnanian at Aliso, LLC
Cagney Ranch/Aliso Project

- 3 -

January 18, 2006
CI-9017

If you have any questions regarding this matter, please contact Rodney Nelson at (213) 620-6119 or Dionisia Rodriguez at (213) 620-6122.


Sincerely,


Jonathan Bishop
Executive Officer

Enclosures

cc: Mr. Richard Wagener, Los Angeles County. Dept. of Health Services
Mr. Jon Campbell, Environmental and Regulatory Specialists, Inc.
Ms. Priya Finnemore, Environmental and Regulatory Specialists, Inc.

California Environmental Protection Agency

 Recycled Paper

Our mission is to preserve and enhance the quality of California's water resources for the benefit of present and future generations.

State of California
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION

MONITORING AND REPORTING PROGRAM NO. CI-9017

For

K. HOVNIAN AT ALISO, LLC

(Cagney Ranch Residential Development Site)

Enrollment under Regional Board Order No. 93-010 (Series No. 023)
(FILE NO. 05-226)

I. REPORTING REQUIREMENTS

- A. The Discharger shall implement this monitoring program from the effective date of this enrollment (January 18, 2006) under Regional Board Order No. 93-010. The first monitoring report under this monitoring program is due by April 15, 2006. Monitoring reports shall be submitted monthly and must be received by the Regional Board by the fifteenth day of the second month following each monthly sampling period. If there is no discharge, the report shall so state. Monitoring reports must be addressed to the Regional Board, Attention: Information Technology Unit.
- B. By January 30, 2007, if the enrollment in the permit has not been terminated, the Discharger shall submit an annual summary report to the Regional Board. The report shall contain both tabular and graphical summaries of the monitoring data obtained during the previous calendar year. In addition, the discharger shall discuss the compliance record and the corrective actions taken or planned, which may be needed to bring the discharge into full compliance with waste discharge requirements.
- C. Laboratory analysis – All chemical analysis shall be conducted at a laboratory certified for such analyses by the California Department of Health Services Environmental Laboratory Accreditation Program (ELAP). A copy of the laboratory certification shall be provided each times a new and/or renewal is obtained from ELAP.
- D. The method limits (MLs) employed for effluent analyses shall be lower than the permit limits established for a given parameter, unless the discharger can demonstrate that a particular ML is not attainable and obtains approval for a higher ML from the Executive Officer. At least once a year, the discharger shall submit a list of the analytical methods employed for each test and the associated laboratory Quality Assurance/Quality Control (QA/QC) procedures.
- E. Water/wastewater samples must be analyzed within allowable holding time limits as specified in 40 CFR Part 136.3. QA/QC samples must be run on the same dates as the Discharger samples are analyzed. The Discharger shall make available for inspection and/or submit the QA/QC documentation upon request by Regional Board staff.

January 18, 2006

Proper chain of custody procedures must be followed and a copy of the chain of custody documentation shall be submitted with the report.

- F. Each monitoring report must affirm in writing that "All analyses were conducted at a laboratory certified for such analyses by the California Department of Health Services, and in accordance with current United States Environmental Protection Agency (USEPA) guideline procedures or as specified in this Monitoring Program."
- G. For every item where the requirements are not met, the Discharger shall submit a statement of the cause(s), and actions undertaken or proposed which will bring the discharge into full compliance with waste discharge requirements at the earliest possible time, including a timetable for implementation of those actions.
- H. The Discharger shall maintain all sampling and analytical results, including strip charts; date; exact place, and time of sampling; dates analyses were performed; analyst's name; analytical techniques used; and results of all analyses. Such records shall be retained for a minimum of three years. This period of retention shall be extended during the course of any unresolved litigation regarding this discharge, or when requested by the Regional Board.
- I. In reporting the monitoring data, the Discharger shall arrange the data in tabular form so that the date, the constituents, and the concentrations are readily discernible. The data shall be summarized to demonstrate compliance with the requirements and, where applicable, shall include results of receiving water observations.
- J. Any mitigation/remedial activity including any pre-discharge treatment conducted at the site must be reported in the monthly monitoring report.

II. WATER QUALITY MONITORING REQUIREMENTS

- A. Maintenance reporting: The Discharger shall submit a monthly operation and maintenance report of the lined pond and disposal system of the wastewater. The information to be contained in the report shall include, at a minimum, the following:
 - 1. The name and address of the person or company responsible for the operation and maintenance of the facility;
 - 2. Type of maintenance (preventive or corrective action performed);
 - 3. Frequency of maintenance, if preventive;
 - 4. Estimated irrigation area and quantity of water use for irrigation; if any irrigation;
 - 5. Estimated amount of water used for compaction and for dust control;
 - 6. Description of any change in the dewatering approach, if changed;
 - 7. Verification that there is no runoff from the pond and the disposal areas to surface waters; and

8. Maintenance records for the lined pond and/or wastewater disposal system.

B. A sampling station shall be located where representative samples of that effluent can be obtained. The following shall constitute the effluent monitoring program:

<u>Constituent</u>	<u>Unit</u>	<u>Type of Sample</u>	<u>Minimum Frequency of Analysis</u>
Total flow	gal/day	N/A	Weekly
pH	pH Units	grab	Monthly
Total dissolved solids	mg/L	grab	Monthly
Sulfate	mg/L	grab	Monthly
Chloride	mg/l	grab	Monthly
Boron	mg/L	grab	Monthly

III. MONITORING FREQUENCY

Monitoring frequencies may be adjusted to a less frequent basis and/or parameters dropped by the Executive Officer if the Discharger makes a request which is supported by statistical trends of monitoring data.

IV. CERTIFICATION STATEMENT

Each report shall contain the following completed declaration:

"I certify under penalty of law that this document, including all attachments and supplemental information, was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of a fine and imprisonment.

Executed on the _____ day of _____ at _____

(Signature)

(Title)

These records and reports are public documents and shall be made available for inspection during normal business hours at the office of the California Regional Water Quality Control Board, Los Angeles Region.

Ordered by:



Jonathan Bishop
Executive Officer

Date: January 18, 2006