



---

## Central Valley Regional Water Quality Control Board

21 June 2017

Rachel Corona  
CalAtlantic Group Inc.  
Operational Vice President  
3200 Douglas Blvd.  
Roseville, CA 95661

CERTIFIED MAIL  
91 7199 9991 7035 8419 6519

### **NOTICE OF APPLICABILITY (NOA); LIMITED THREAT GENERAL WASTE DISCHARGE REQUIREMENTS ORDER R5-2016-0076; HARVEST SUBDIVISION CONSTRUCTION DEWATERING PROJECT, SACRAMENTO COUNTY**

Our office received a Notice of Intent application on 30 May 2017, with additional information provided on 20 June 2017, from CalAtlantic Group Inc. (hereinafter Discharger), for discharge of groundwater to surface water during the Harvest Subdivision Construction Dewatering Project (Project). Based on the application packet submitted by the Discharger, staff has determined that the project meets the required conditions for approval under the General Order for Limited Threat Discharges to Surface Water (Limited Threat General Order), Tier 1A. This project is hereby assigned Limited Threat General Order R5-2016-0076-009 and National Pollutant Discharge Elimination System (NPDES) Permit No. CAG995002. Please reference your Limited Threat General Order number, **R5-2016-0076-009**, in your correspondence and submitted documents.

The enclosed Limited Threat General Order may also be viewed at the following web address: [http://www.waterboards.ca.gov/centralvalley/board\\_decisions/adopted\\_orders/general\\_orders/r5-2016-0076\\_mod.pdf](http://www.waterboards.ca.gov/centralvalley/board_decisions/adopted_orders/general_orders/r5-2016-0076_mod.pdf). You are urged to familiarize yourself with the contents of the entire document. The Limited Threat General Order prescribes mandatory discharge monitoring and reporting requirements. The project activities shall be operated in accordance with the requirements contained in this NOA and the Limited Threat General Order.

### **CALIFORNIA TOXICS RULE / STATE IMPLEMENTATION POLICY MONITORING**

The Limited Threat General Order incorporates the requirements of the California Toxics Rule (CTR) and the State Water Resources Control Board's (State Water Board), *Policy for Implementation of Toxics Standards for Inland Surface Waters, Enclosed Bays, and Estuaries of California*, 2005, also known as the State Implementation Policy (SIP). Screening levels for CTR constituents and other constituents of concern are found in Attachment I of the Limited Threat General Order. Review of your water quality data in comparison to the screening values, showed no reasonable potential for the discharge to cause or contribute to an exceedance of water quality objectives in the receiving water for all constituents.

## **PROJECT DESCRIPTION**

The Project consists of dewatering activities associated with the development of approximately 47 acres of residential subdivision bordered by East Natoma Street on the west and by Empire Ranch Golf Course on the north and east, within the City of Folsom, Sacramento County. Because of very shallow groundwater throughout the western portion of the Project site, grading, trenching, and utility installation is infeasible without a groundwater extraction system to draw the groundwater down. The Discharger will install approximately 50 groundwater extraction wells at a depth of approximately 25 feet. Extracted groundwater will be collected on the south end of the site in two Baker tanks and will then be contained in a holding basin, approximately 150 feet in diameter by 9 feet deep. Water collected in the holding basin will be used for dust control purposes on the Project site.

Excess dewatered groundwater will be discharged to the southern end of an unnamed tributary to the Natoma Ditch, a water of the United States (see enclosed map). The channel's main source of inflow is irrigation and storm water runoff from the Empire Ranch Golf Course to the north of the site. Dewatering is expected to commence in June 2017. Pumping rates are expected to peak at approximately 0.18 million gallons per day (MGD) at start-up (approximately 30 days) and are expected to diminish to approximately 0.07 MGD for the duration of the Project.

## **EFFLUENT LIMITATIONS**

Effluent limitations are specified in Section V. Effluent Limitations and Discharge Specifications of the Limited Threat General Order. The following effluent limitations are applicable to this discharge and are contained in Section V. A of the Limited Threat General Order:

1. **pH (Section V.A.1.b.i).** The pH of all limited threat discharges within the Sacramento and San Joaquin River Basins (except Goose Creek) shall at all times be within the range of 6.5 and 8.5.

Natoma Ditch is not listed under the Clean Water Act 303(d) List of impaired water bodies. Therefore, no additional 303(d) based effluent limitations or monitoring requirements will be added to this Limited Threat General Order.

## **RECEIVING WATER LIMITATIONS**

The Limited Threat General Order includes receiving surface water limitations in Section VIII.A. Based on the information provided in the NOI, only the following receiving surface water limitations are applicable to this discharge:

- Bacteria (VIII.A.2);
- Biostimulatory substances (VIII.A.3);
- Chemical constituents (VIII.A.4);
- Color (VIII.A.5);
- Dissolved oxygen (VIII.A.6.a.iii);
- Floating material (VIII.A.7);
- Oil and grease (VIII.A.8);
- pH (VIII.A.9.a);
- Pesticides ((VIII.A.10);
- Radioactivity (VIII.A.11);
- Suspended sediments (VIII.A.12);

- Settleable substances (VIII.A.13);
- Suspended material (VIII.A.14);
- Taste and odors (VIII.A.15);
- Temperature (VIII.A.16);
- Toxicity (VIII.A.17); and
- Turbidity (VIII.A.18.a).

### MONITORING AND REPORTING

Monitoring and reporting requirements are contained in Attachment C of the Limited Threat General Order. The Discharger is required to comply with the following specific monitoring and reporting requirements for the effluent and receiving water in accordance with Attachment C of the Limited Threat General Order.

**Monitoring Locations** – The Discharger shall monitor the effluent and receiving water at the specified location as follows in Table 1:

**Table 1. Monitoring Station Locations**

Discharge Point Name	Monitoring Location Name	Monitoring Location Description
001	EFF-001	A location where a representative sample of the effluent can be collected prior to discharging to the unnamed tributary to the Natoma Ditch.
--	RSW-001U	Unnamed tributary to the Natoma Ditch, approximately 50 feet upstream from the point of discharge.
--	RSW-001D	Unnamed tributary to the Natoma Ditch, approximately 50 feet downstream from the point of discharge.

**Effluent Monitoring** – When discharging to the unnamed tributary to the Natoma Ditch, the Discharger shall monitor the effluent at EFF-001 in accordance with Table C-2 of the Limited Threat General Order and this NOA. The applicable monitoring requirements are as follows in Table 2:

**Table 2. Effluent Monitoring**

Parameter	Units	Sample Type	Minimum Sampling Frequency	Required Analytical Test Method
Discharge Flow Rate, Total	GPD	Estimated	1/Week	1
Electrical Conductivity @ 25 °C	µmhos/cm	Grab	1/Week	1, 2
pH	standard units	Grab	1/Week	1, 2
Turbidity	NTU	Grab	1/Week	1, 2
Temperature	°F	Grab	1/Week	1, 2
Dissolved Oxygen	mg/L	Grab	1/Week	1, 2

<sup>1</sup> A hand-held field meter may be used, provided the meter utilizes a USEPA-approved algorithm/method and is calibrated and maintained in accordance with the manufacturer's instructions.

- A calibration and maintenance log for each meter used for monitoring required by this Monitoring and Reporting Program shall be maintained at the Facility.
- <sup>2</sup> Pollutants shall be analyzed using the analytical methods described in 40 C.F.R. part 136 or by methods approved by the Central Valley Water Board or the State Water Board.

**Receiving Water Monitoring** - When discharging to surface water, the Discharger shall monitor at RSW-001U and RSW-001D in accordance with Table C-3 of the Limited Threat General Order and this NOA. The applicable monitoring requirements are as follows in Table 3:

**Table 3. Receiving Water Monitoring Requirements**

Parameter	Units	Sample Type	Monitoring Frequency	Required Analytical Test Method
Dissolved Oxygen	mg/L	Grab	1/Month	1, 2
Electrical Conductivity @ 25 °C	µmhos/cm	Grab	1/Month	1, 2
pH	standard units	Grab	1/Month	1, 2
Temperature	°F	Grab	1/Month	1, 2
Turbidity	NTU	Grab	1/Month	1, 2

- <sup>1</sup> Pollutants shall be analyzed using the analytical methods described in 40 C.F.R. part 136 or by methods approved by the Central Valley Water Board or the State Water Board.
- <sup>2</sup> A hand-held field meter may be used, provided the meter utilizes a U.S. EPA-approved algorithm/method and is calibrated and maintained in accordance with the manufacturer's instructions. A calibration and maintenance log for each meter used for monitoring required by this Monitoring and Reporting Program shall be maintained by the Discharger.

In conducting the receiving water sampling, a log shall be kept of the receiving water conditions throughout the reach bounded by RSW-001U and RSW-001D. Attention shall be given to the presence or absence of:

- a. Floating or suspended matter
- b. Discoloration
- c. Bottom deposits
- d. Aquatic life
- e. Visible films, sheens, or coatings
- f. Fungi, slimes, or objectionable growths
- g. Potential nuisance conditions

Notes on receiving water conditions shall be summarized in the monitoring report.

**Monitoring Report Submittals** - Monitoring in accordance with the Limited Threat General Order shall begin upon initiation of discharge. Monitoring reports shall be submitted to the Central Valley Water Board on a quarterly basis, beginning with the **Second Quarter 2017**. This report shall be submitted on **1 August 2017**. If monitoring samples were not obtained within 24 hours of initiation of the discharge, the Discharger must document the reasons in the corresponding monitoring report. If the discharge has not begun there is no need to monitor. However, a monitoring report must be submitted stating that there has been no discharge. Table 4, below, summarizes the monitoring report due dates required under the Limited Threat General Order in Attachment C, Table C-4. Quarterly monitoring reports must be submitted until

your coverage is formally terminated in accordance with the Limited Threat General Order, even if there is no discharge during the reporting quarter.

**Table 4. Monitoring Periods and Reporting Schedule**

<b>Sampling Frequency</b>	<b>Monitoring Period Begins On...</b>	<b>Quarterly Report Due Date</b>
1/Day, 1/Week, 1/Month, 1/Quarter	21 June 2017	1 May (1 Jan – 31 Mar) 1 Aug (1 Apr – 30 Jun) 1 Nov (1 Jul – 30 Sep) 1 Feb, of following year (1 Oct – 31 Dec)

#### **GENERAL INFORMATION AND REQUIREMENTS**

The Discharger must notify Central Valley Water Board staff within 24 hours of having knowledge of 1) the start of each new discharge, 2) noncompliance, and 3) when the discharge ceases. The Central Valley Water Board shall be notified immediately if any effluent limit violation is observed during implementation of the project.

Discharge of material other than what is described in the application is prohibited. The required annual fee (as specified in the annual billing you will receive from the State Water Resources Control Board) shall be submitted until this NOA is officially terminated. You must notify this office in writing when the discharge regulated by the Limited Threat General Order is no longer necessary by submitting the Request for Termination of Coverage (Attachment E). If a timely written request is not received, the Discharger will be required to pay additional annual fees as determined by the State Water Resources Control Board.

#### **ENFORCEMENT**

Failure to comply with the Limited Threat General Order may result in enforcement actions, which could include civil liability. Effluent limitation violations are subject to a Mandatory Minimum Penalty (MMP) of \$3,000 per violation. In addition, late monitoring reports may be subject to MMPs or discretionary penalties of up to \$1,000 per day late. When discharges do not occur during a quarterly report monitoring period, the Discharger must still submit a quarterly monitoring report indicating that no discharge occurred to avoid being subject to enforcement actions.

#### **COMMUNICATION**

All documents, including monitoring reports, response to inspections, written notifications, and documents submitted to comply with this NOA and the Limited Threat General Order, should be submitted to the NPDES Compliance unit, attention Genevieve Sparks. Ms. Sparks can be reached at (916) 464-4821 or [Genevieve.Sparks@waterboards.ca.gov](mailto:Genevieve.Sparks@waterboards.ca.gov).

We have transitioned to a paperless office, therefore, please convert all documents to a searchable Portable Document Format (pdf) and email them to [centralvalleysacramento@waterboards.ca.gov](mailto:centralvalleysacramento@waterboards.ca.gov). **Please include the following information in the email:** Attention: NPDES Compliance section; Discharger: CalAtlantic Group Inc.; Facility: Harvest Subdivision Construction Dewatering; County: Sacramento County; and the CIWQS place ID 835636 in the body of the email. Documents that are 50 megabytes or larger must be transferred to a DVD, or flash drive and mailed to our office, attention "ECM Mailroom-NPDES". Please include the attached Monitoring Report Transmittal Form as the first page of each monitoring report.

Any person aggrieved by this action of the Central Valley Water Board may petition the State Water Board to review the action in accordance with California Water Code section 13320 and California Code of Regulations, title 23, sections 2050 and following. The State Water Board must receive the petition by 5:00 p.m., 30 days after the date of this NOA, except that if the thirtieth day following the date of this Order falls on a Saturday, Sunday, or state holiday, the petition must be received by the State Water Board by 5:00 p.m. on the next business day. Copies of the law and regulations applicable to filing petitions may be found on the internet at: [http://www.waterboards.ca.gov/public\\_notices/petitions/water\\_quality](http://www.waterboards.ca.gov/public_notices/petitions/water_quality) or will be provided upon request.

***Original signed by Andrew Altevogt for***

Pamela C. Creedon  
Executive Officer

Enclosures: General Order R5-2016-0076 (Discharger only)  
Monitoring Report Transmittal Form (Discharger only)  
Project Map

cc: David Smith, U.S. EPA, Region IX, San Francisco (email only)  
Division of Water Quality, State Water Board, Sacramento (email only)

Project Map - CalAtlantic Group Inc., Harvest Subdivision  
Effluent and Receiving Water Monitoring Locations  
R5-2016-0076-009

