
Central Valley Regional Water Quality Control Board

25 July 2016

Mr. Kirk Vandergeest, CFO
Zacky & Sons Poultry, LLC
1111 Navy Drive
Stockton, CA 95206-1125

CERTIFIED MAIL
91 7199 9991 7035 8421 0666

NOTICE OF INCOMPLETE REPORT OF WASTE DISCHARGE, WATER CODE 13267 ORDER FOR TECHNICAL AND MONITORING REPORTS, ZACKY STOCKTON POULTRY PROCESSING PLANT, SAN JOAQUIN COUNTY

The Central Valley Regional Water Quality Control Board (hereafter "Central Valley Water Board") has reviewed a Report of Waste Discharge (RWD) dated 31 October 2014 for the Zacky Stockton Poultry Processing Plant in San Joaquin County. The Central Valley Water Board was originally made aware of this facility as a result of odor complaints in 2008. In response to the complaints, a RWD was requested and received on 2 January 2008. Because of a prolonged delay in reviewing the RWD, a revised RWD was requested and received in 2014. Central Valley Water Board staff has determined that the 2014 RWD does not contain sufficient detail to determine whether wastewater operations are impacting groundwater beneath the facility. The RWD is therefore incomplete.

This Order is issued to Zacky & Sons Poultry, LLC (the Discharger) pursuant to Water Code 13267, which authorizes the Central Valley Water Board to require the submittal of technical and monitoring reports in the course of investigating existing or proposed discharges of waste to waters of the State. Additional information and investigation are required for the facility before Waste Discharge Requirements (WDRs) can be adopted. In addition, the attached Monitoring and Reporting Program (MRP) has been issued which requires continued monitoring of groundwater and an evaluation of the wastewater system.

Background

The Discharger operates a poultry processing plant at 1111 Navy Drive, Stockton (Attachment A). The facility produces turkey franks and cooked turkeys for retail consumption. The facility has an 800,000-gallon polyurethane lined aeration pond, which was installed in 1973. The lined aeration pond is used for pretreatment of wastewater prior to discharge to the Stockton Municipal Sewer System (SMSS) under a permit from the City of Stockton Municipal Utilities Department. Because the facility does not land apply wastewater, the facility has not been previously regulated under WDRs but is currently enrolled in the Industrial Stormwater Program.

As discussed in the 2014 RWD, high concentrations of biochemical oxygen demand (BOD) and salinity constituents, including total dissolved solids (TDS), sodium, and chloride, were present in wastewater sampled prior to discharge to the SMSS. A summary of average annual wastewater effluent data from 2009 through April 2014 is provided below.

| Year | Annual Discharge Totals | | | Average Annual Effluent Concentrations (mg/L) | | | | |
|-------------------|-------------------------|--------------|--------------|---|-------|-------|------------------|---------|
| | Flow (MGY) | BOD (lbs/yr) | TSS (lbs/yr) | TDS | Na | Cl | Nitrate Nitrogen | Sulfate |
| 2009 | 11.4 | 16,255 | 15,635 | 3,350 | 1,242 | 2,544 | 11 | 16 |
| 2010 | 22.9 | 46,944 | 32,710 | 4,104 | 1,856 | 3,331 | 25 | 46 |
| 2011 | 27.8 | 43,464 | 23,975 | 2,596 | 2,545 | 5,285 | 23 | 22 |
| 2012 | 25.9 | 37,755 | 17,985 | 2,310 | 1,116 | 1,893 | 5 | 18 |
| 2013 | 19.6 | 38,083 | 19,730 | 2,674 | 886 | 2,122 | 5 | 14 |
| 2014 ¹ | 12.2 | 30,493 | 15,166 | 3,148 | 2,891 | 3,681 | 32 | 31 |

¹ Average monthly monitoring data from January through August 2014.

The integrity of the pond liner was tested in 2013 using a geomembrane electrical leak location survey. Based on the results, no electrical anomalies or holes were detected in the pond liner under the water level at the time of testing. However, a portion of the pond near the paddle wheel could not be evaluated.

Groundwater quality was unknown and was not investigated prior to the submittal of the 2008 RWD. At the request of Central Valley Water Board staff, groundwater monitoring wells were installed around the wastewater pond in March 2014 (Attachment B). Three groundwater monitoring wells, MW-1, MW-2, and MW-3, were installed to depths of approximately 30 feet below ground surface (bgs) and screened from 15 to 30 feet bgs to characterize shallow groundwater. As discussed in the 2014 RWD, analytical results from two groundwater monitoring events indicate gross pollution with salinity constituents, nitrate nitrogen, sulfate, and manganese has occurred, as shown on the table below. The table also includes applicable Water Quality Objectives (WQOs).

| Parameter (mg/L) | MW-1 | | MW-2 | | MW-3 | | WQOs (mg/L) |
|------------------------|--------------------|--------------|--------------|--------------|-------------------------|--------------|-------------|
| | 3/24/14 | 9/3/14 | 3/24/14 | 9/3/14 | 3/24/14 | 9/3/14 | |
| TDS | 1,200 | 1,300 | 3,700 | 3,600 | 1,700 | 1,800 | 1,000 |
| Chloride | 240 | 230 | 310 | 290 | 290 | 380 | 250 |
| Sodium | 130 | 130 | 500 | 330 | 490 | 330 | 69 |
| Nitrate N | 170 | 160 | 360 | 300 | 60 | 65 | 10 |
| Sulfate | 160 | 170 | 1,900 | 1,700 | 160 | 150 | 250 |
| Arsenic ¹ | 0.016 | 0.014 | 0.013 | 0.011 | 0.019 | 0.014 | 0.01 |
| Iron ¹ | 0.013 ² | <0.1 | 0.068 | <0.1 | 0.086 ² | <0.1 | 0.3 |
| Manganese ¹ | 0.016 ² | 0.036 | 0.3 | 0.68 | 0.15² | 0.34 | 0.05 |

Bold – Concentration exceeds water quality objective

¹ Dissolved concentration

² Analyte detected above the Method Detection Limit, but below the Reporting Limit

MW-1, MW-2, and MW-3 are located in areas that are appropriate for evaluating groundwater directly beneath the pond, but are not located in areas to determine if potential leaks from the wastewater system are impacting groundwater or to determine background groundwater quality. A limited groundwater background evaluation was conducted by the Discharger using data from former J.M. Equipment Company; a neighboring facility located approximately 1,000 feet south of the Discharger. Based on the 2015 2nd Semi-Annual Groundwater Monitoring report for the J.M. Equipment Company, the groundwater flow direction is generally to the northeast and cross-gradient from the Discharger's location. However, the groundwater gradient and flow direction at the Discharger's location was estimated to be northwest. Secondly, the J.M. Equipment Company data set did not include the full range of salinity constituents needed to characterize the groundwater when comparing data sets between the Discharger and the former J.M. Equipment Company. In addition, there is insufficient information to determine if the data from J.M. Equipment Company represents background groundwater conditions. Because of the uncertainty in the applicability of the data from J.M. Equipment, it is unknown if the activities at the Discharger's facility are the source of groundwater pollution or if the facility is contributing to existing pollution. Further evaluation is required to determine the source of pollution and to evaluate background groundwater quality.

Legal Provisions

The groundwater beneath the facility contains salinity pollutants at concentrations greater than WQOs as shown in the table above. The source and extent of the pollution has not been determined. It is unclear if the facility is the source of pollution or contributing pollution to already impacted groundwater. Continued sampling of the existing groundwater monitoring wells is required as shown in the MRP (Attachment C). In addition, further characterization of the groundwater and investigation of the facility's wastewater system are required to identify the source of pollution and establish background groundwater quality.

Water Code section 13267 states, in relevant part:

In conducting an investigation specified in subdivision (a), the regional board may require that any person who has discharged, discharges, or is suspected of having discharged or discharging, or who proposes to discharge waste... that could affect the quality of waters within its region shall furnish, under penalty of perjury, technical or monitoring program reports which the regional board requires. The burden, including costs, of these reports shall bear a reasonable relationship to the need for the report and the benefits to be obtained from the reports. In requiring those reports, the regional board shall provide the person with a written explanation with regard to the need for the reports, and shall identify the evidence that supports requiring that person to provide the reports.

Section 13268 of the California Water Code states, in part:

- (a) Any person failing or refusing to furnish technical or monitoring program reports as required by subdivision (b) of Section 13267... is guilty of a misdemeanor and may be liable civilly in accordance with subdivision (b).*
- (b)(1) Civil liability may be administratively imposed by a regional board...in an amount which shall not exceed one thousand dollars (\$1,000) for each day in which the violation occurs.*

In order to determine the nature and extent of groundwater contamination potentially due to the Discharger's activities, and to obtain the additional information necessary to develop WDRs, the Discharger is ordered to submit the technical reports described

below. Zacky & Sons Poultry, LLC owns and operates the poultry processing plant at 1111 Navy Drive, Stockton and is responsible for the waste generated at the facility.

Required Actions

IT IS HEREBY ORDERED that, pursuant to California Water Code section 13267, Zacky & Sons Poultry, LLC is required to determine if pollution of the groundwater is occurring from the facility and to establish background groundwater quality. The following reports are required to be submitted to the Central Valley Water Board for review and approval.

1. Beginning with the **Third Quarter 2016**, the Discharger shall implement MRP R5-2016-0810 (Attachment C to this Order) and shall monitor the wastewater and groundwater as described in the MRP. The first quarterly monitoring report is due by **1 November 2016** and quarterly and annual monitoring shall continue to be submitted until the MRP is rescinded.
2. By **1 December 2016**, the Discharger shall submit a *Groundwater Characterization and Groundwater Monitoring Well Installation Workplan* that proposes an appropriate number of monitoring wells to provide an assessment of groundwater conditions, including a background characterization evaluation upgradient of the pond, onsite processing plant, and wastewater treatment system. The workplan shall be prepared in accordance with, and include the items listed in, the first section of Attachment D: "Requirements for Monitoring Well Installation Workplans and Monitoring Well Installation Reports". A schedule or timeline for the characterization activities should also be included. The plan can also include additional alternative investigative techniques or evaluation of available resources to characterize background groundwater conditions. The groundwater monitoring wells will be designed to yield samples representative of the uppermost portion of the first aquifer underlying the pond and wastewater treatment system.
3. By **1 December 2016**, the Discharger shall submit a *Wastewater Treatment Facility Integrity and Evaluation Workplan* that specifies the means and methods that the Discharger proposes to use to evaluate the integrity of the wastewater system, including but not limited to the pond liner, sump, clarifying tanks, lateral lines, and connections, and a survey of the sewer outlet to the street. Provide a proposed schedule to coordinate the evaluations to be conducted.
4. By **1 October 2017**, the Discharger shall submit a *Groundwater Characterization and Groundwater Monitoring Well Installation Report* for the installation of new groundwater monitoring wells. The report shall be prepared in accordance with, and including the items listed in the second section of Attachment D: "Monitoring Well Installation Workplan and Monitoring Well installation Report Guidance". The report shall describe the installation and development of all new monitoring wells, and explain any deviation from the approved workplan. After installation and development, the new monitoring wells must be included in the Groundwater Monitoring Program outlined in the MRP.

The above technical reports are required pursuant to Water Code section 13267. Failure to submit the reports, or submittal of incomplete reports, subjects the Discharger to a maximum liability of \$1,000 per day per late report.

DOCUMENT SUBMITTALS

All monitoring reports and other correspondences should be converted to searchable Portable Document Format (PDF) and submitted electronically. Documents less than 50 MB should be emailed to:

centralvalleysacramento@waterboards.ca.gov.

To ensure that your submittal is routed to the appropriate staff person, the following information should be included in the body of the email or any documentation submitted to the mailing address for this office:

| | | |
|--|---------------------|------------------------|
| Facility Name: Zacky & Sons, LLC, San Joaquin County | | |
| Program: Non-15 Compliance | Order: R5-2016-0810 | CIWQS Place ID: 810580 |

Documents that are 50 MB or larger should be transferred to a CD, DVD, or flash drive and mailed to:

Central Valley Regional Water Quality Control Board
ECM Mailroom
11020 Sun Center Drive, Suite 200
Rancho Cordova, CA 95670

If you have any questions concerning groundwater monitoring well installation and permitting, please Dina Calanchini in our Waste Discharge to Land Permitting Unit at (916) 464-4740 or at dcalanchini@waterboards.ca.gov. If you have any questions concerning compliance with the monitoring requirements under Water Code 13267, please contact Brendan Kenny at (916) 464-4635 or at bkenny@waterboards.ca.gov.



ANDREW ALTEVOGT
Assistant Executive Officer

Attachments:

- Attachment A: Site Location Map
- Attachment B: Site Plan
- Attachment C: Monitoring and Reporting Program R5-2016-0810
- Attachment D: Requirements for Monitoring Well Installation Workplans and Monitoring Well Installation Reports
- Attachment E: Standard Provisions

cc w/o attachments: Rodney Estrada, San Joaquin County Environmental Health Department
Wendy Wyels, Central Valley Regional Water Quality Control Board
Daby Humbert, Yorke Engineering, LLC.



Legend

 Site Boundary

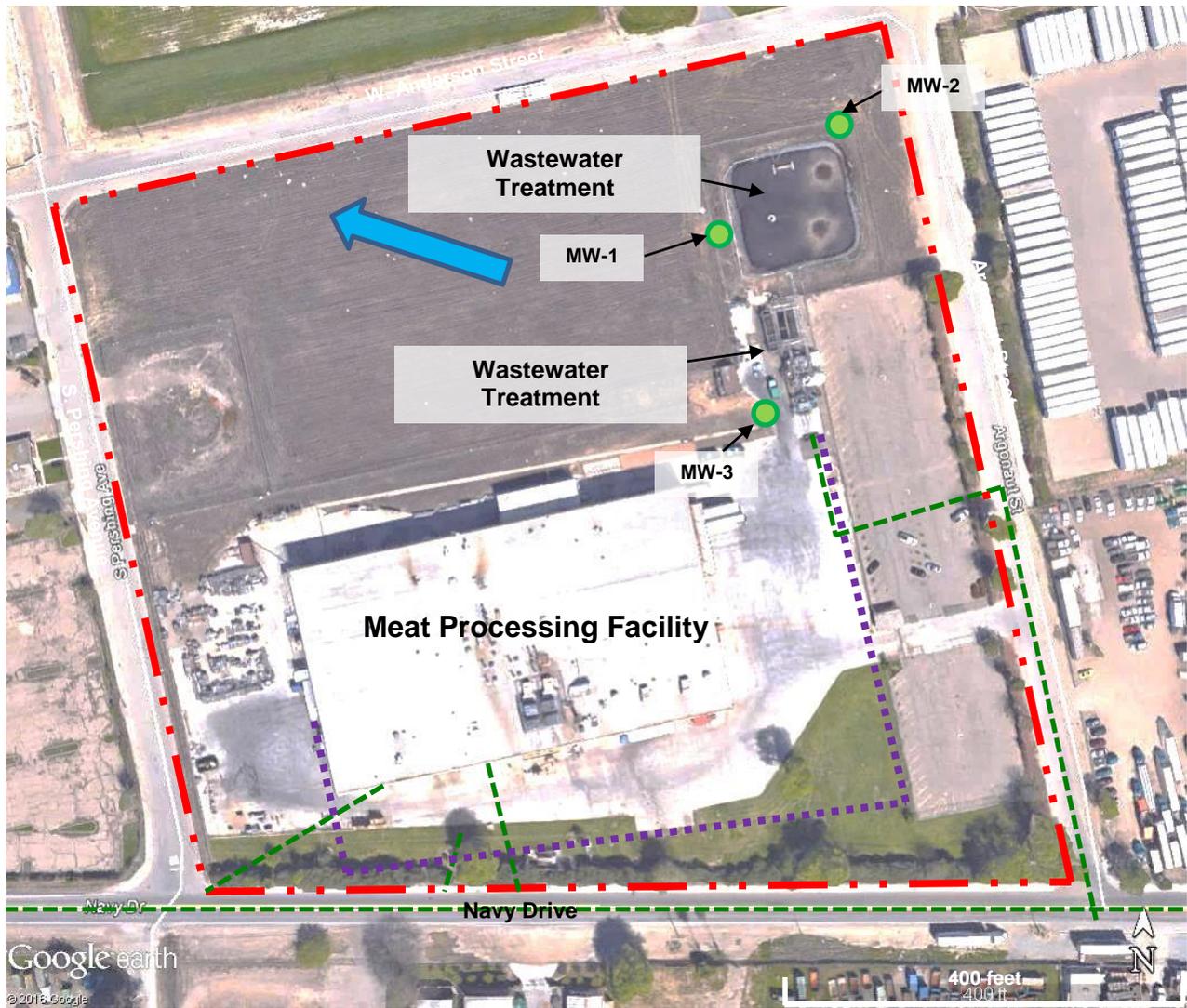
Drawing Reference:
Google Earth, 2016



Approximate Scale
1 inch = 1/2 mile

SITE LOCATION

ZACKY & SONS POULTRY, INC
SAN JOAQUIN COUNTY



Legend

-  Groundwater Monitoring Well (approximate location)
-  Property Boundary
-  Sewer Line
-  Main Wastewater Line
-  Approximate Downgradient Groundwater Direction (2014)



Scale
1 inch = 200 feet

SITE PLAN

ZACKY & SONS POULTRY, INC
SAN JOAQUIN COUNTY

Drawing Reference:
Google Earth, 2016
Report of Waste, Discharge, 2014

ATTACHMENT C
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL VALLEY REGION

MONITORING AND REPORTING PROGRAM R5-2016-0810

FOR

ZACKY & SONS POULTRY, LLC
ZACKY STOCKTON POULTRY PROCESSING PLANT
SAN JOAQUIN COUNTY

This Monitoring and Reporting Program (MRP) is issued pursuant to Water Code section 13267. Water Code section 13267(b) states, in part:

“In conducting an investigation specified in subdivision (a), the regional board may require that any person who has discharged, discharges, or is suspected of having discharged or discharging, or who proposes to discharge waste... that could affect the quality of waters within its region shall furnish, under penalty of perjury, technical or monitoring program reports which the regional board requires. The burden, including costs, of these reports shall bear a reasonable relationship to the need for the report and the benefits to be obtained from the reports. In requiring those reports, the regional board shall provide the person with a written explanation with regard to the need for the reports, and shall identify the evidence that supports requiring that person to provide the reports.”

Zacky & Sons Poultry, LLC (the Discharger) shall not implement any changes to this MRP unless and until the Central Valley Water Board adopts, or the Executive Officer issues, a revised MRP. Changes to sample locations shall be established with concurrence of Central Valley Water Board staff, and a description of the revised locations shall be submitted for approval by the Executive Officer.

All groundwater samples shall be representative of shallow groundwater. Except as specified otherwise in this MRP, grab samples will be considered representative of groundwater.

The time, date, and location of each sample shall be recorded on the sample chain of custody form. All analyses shall be performed in accordance with the *Standard Provisions and Reporting Requirements for Waste Discharge Requirements*, dated 1 March 1991 (Standard Provisions). Field test instruments (such as those used to measure pH) may be used provided that:

1. The operator is trained in proper use and maintenance of the instruments;
2. The instruments are field calibrated at the frequency recommended by the manufacturer;
3. The instruments are serviced and/or calibrated by the manufacturer at the recommended frequency; and
4. Field calibration reports are submitted as described in the “Reporting” section of the MRP.

Laboratory analytical procedures shall comply with the methods and holding times specified in the following (as applicable to the medium to be analyzed):

- *Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater* (EPA);
- *Test Methods for Evaluating Solid Waste* (EPA);
- *Methods for Chemical Analysis of Water and Wastes* (EPA);
- *Methods for Determination of Inorganic Substances in Environmental Samples* (EPA);
- *Standard Methods for the Examination of Water and Wastewater* (APHA/AWWA/WEF); and
- *Soil, Plant and Water Reference Methods for the Western Region* (WREP 125).

Approved editions shall be those that are approved for use by the United States Environmental Protection Agency or the California Department of Public Health's Environmental Laboratory Accreditation Program (ELAP). The Discharger may propose alternative methods for approval by the Executive Officer. Where technically feasible, laboratory reporting limits shall be lower than the applicable water quality objectives for the constituents to be analyzed.

INFLUENT WASTEWATER MONITORING

Influent wastewater samples shall be collected from the main sump prior to treatment. Influent monitoring shall include the following:

| <u>Constituent</u> | <u>Units</u> | <u>Type of Sample</u> | <u>Sampling Frequency</u> | <u>Reporting Frequency</u> |
|--------------------------------------|--------------|-----------------------|---------------------------|----------------------------|
| BOD ₅ ¹ | mg/L | Grab | Quarterly | Quarterly |
| Total Dissolved Solids | mg/L | Grab | Quarterly | Quarterly |
| pH | pH units | Grab | Quarterly | Quarterly |
| Total Nitrogen | mg/L | Grab | Quarterly | Quarterly |
| Nitrate as N | mg/L | Grab | Quarterly | Quarterly |
| Chloride | mg/L | Grab | Quarterly | Quarterly |
| Sodium | mg/L | Grab | Quarterly | Quarterly |
| Sulfate | mg/L | Grab | Quarterly | Quarterly |
| <u>Dissolved Metals</u> ² | mg/L | Grab | Semi-Annually | Annually |

¹ Five-day, 20° Celsius Biochemical Oxygen Demand (BOD)

² Dissolved metal analysis shall include at a minimum, arsenic, iron, and manganese. Samples shall be filtered using a 0.45 µ filter prior to sample preservation.

POND MONITORING

The aerated and lined wastewater pond shall be monitored as specified below:

| <u>Parameter</u> | <u>Units</u> | <u>Sample Type</u> | <u>Monitoring Frequency</u> | <u>Reporting Frequency</u> |
|------------------------|--------------|--------------------|-----------------------------|----------------------------|
| Freeboard ¹ | 0.1 feet | Measurement | Monthly | Quarterly |
| Odors | -- | Observation | Monthly | Quarterly |
| Berm condition | -- | Observation | Monthly | Quarterly |

¹ Freeboard shall be measured vertically from the surface of the pond water to the lowest elevation of the surrounding berm and shall be measured to the nearest 0.1 feet.

In addition, the Discharger shall inspect the condition of the pond monthly and document visual observations. Notations shall include observations of:

- Presence of weeds in the water or along the berm;
- Accumulations of dead algae, vegetation, scum, or debris on the pond surface;
- Animal burrows in the berms;
- Evidence of seepage from the berms or downslope of the pond;

GROUNDWATER MONITORING

The groundwater monitoring program applies to groundwater monitoring wells tabulated below and any wells subsequently installed under direction of the Central Valley Water Board. Prior to construction of any additional groundwater monitoring wells, the Discharger shall submit plans and specifications to the Central Valley Water Board for review and approval. Once installed, all new monitoring wells shall be added to the MRP, and shall be monitored on a quarterly basis.

The following table lists all existing monitoring wells and designates the purpose of each well:

| <u>Groundwater Well</u> | <u>Location</u> |
|-------------------------------------|-------------------|
| MW-1 ¹ | West of the Pond |
| MW-2 ¹ | North of the Pond |
| MW-3 ¹ | South of the Pond |
| <u>Additional Wells²</u> | To Be Determined |

¹ Existing monitoring wells associated with the pond.

² Additional monitoring wells (to be installed) will be used to monitor impacts to groundwater from potential leaks in the wastewater treatment system and to evaluate background groundwater quality

Prior to sampling, depth to groundwater measurements shall be measured in each monitoring well to the nearest 0.01 feet. Groundwater elevations shall then be calculated to determine groundwater gradient and flow direction, based on surveyed well casing elevations. Low or no-purge sampling methods are acceptable, if described in an approved Sampling and Analysis Plan. Groundwater monitoring for all monitoring wells shall include, at a minimum, the following:

| <u>Constituent</u> | <u>Units</u> | <u>Type of Sample</u> | <u>Sampling Frequency</u> | <u>Reporting Frequency</u> |
|--------------------------------------|--------------|-----------------------|---------------------------|----------------------------|
| Depth to Groundwater | ±0.01 feet | Measurement | Quarterly | Quarterly |
| Groundwater Elevation ¹ | ±0.01 feet | Calculated | Quarterly | Quarterly |
| Gradient | feet/feet | Calculated | Quarterly | Quarterly |
| Gradient Direction | degrees | Calculated | Quarterly | Quarterly |
| pH | pH units | Grab | Quarterly | Quarterly |
| Total Dissolved Solids | mg/L | Grab | Quarterly | Quarterly |
| Total Nitrogen | mg/L | Grab | Quarterly | Quarterly |
| Nitrate as N | mg/L | Grab | Quarterly | Quarterly |
| Chloride | mg/L | Grab | Quarterly | Quarterly |
| Sodium | mg/L | Grab | Quarterly | Quarterly |
| Sulfate | mg/L | Grab | Quarterly | Quarterly |
| <u>Dissolved Metals</u> ² | mg/L | Grab | Semi-Annually | Annually |

¹ Groundwater elevation shall be determined based on depth-to-water measurements from a surveyed measuring point elevation on the well.

² Dissolved metal analysis shall include at a minimum, arsenic, iron, and manganese. Samples shall be filtered using a 0.45 µ filter prior to sample preservation.

EFFLUENT WASTEWATER MONITORING

Samples of treated wastewater shall be collected from the final discharge location prior to disposal to the city sewer system. Effluent sampling at this location is currently required under the Wastewater Discharge Permit issued by the City of Stockton, which expires on 31 August 2020. To meet the city's discharge requirements, samples are collected daily, weekly, quarterly, and semi-annually with monitoring reports submitted monthly. To avoid duplicate analyses of the constituents required by the city and this MRP, analytical data collected to meet the city's requirements, specifically BOD and tot dissolved solids (TDS), can be submitted to the Central Valley Water Board with the additional analyses noted below.

| <u>Constituent</u> | <u>Units</u> | <u>Type of Sample</u> | <u>Sampling Frequency</u> | <u>Reporting Frequency</u> |
|--|--------------|-----------------------|---------------------------|----------------------------|
| BOD ₅ ¹ | mg/L | Grab | Quarterly | Quarterly |
| Total Dissolved Solids | mg/L | Grab | Quarterly | Quarterly |
| pH | pH units | Grab | Quarterly | Quarterly |
| Total Nitrogen ² | mg/L | Grab | Quarterly | Quarterly |
| Nitrate as N ² | mg/L | Grab | Quarterly | Quarterly |
| Chloride ² | mg/L | Grab | Quarterly | Quarterly |
| Sodium ² | mg/L | Grab | Quarterly | Quarterly |
| Sulfate ² | mg/L | Grab | Quarterly | Quarterly |
| <u>Dissolved Metals</u> ^{2,3} | mg/L | Grab | Semi-Annually | Annually |

| <u>Constituent</u> | <u>Units</u> | <u>Type of Sample</u> | <u>Sampling Frequency</u> | <u>Reporting Frequency</u> |
|--------------------|--------------|-----------------------|---------------------------|----------------------------|
|--------------------|--------------|-----------------------|---------------------------|----------------------------|

¹ Five-day, 20° Celsius Biochemical Oxygen Demand

² The City of Stockton does not require analyses for these constituents, but are required by the Central Valley Water Board.

³ Dissolved metal analysis shall include at a minimum, arsenic, iron, and manganese. Samples shall be filtered using a 0.45µ filter prior to sample preservation.

REPORTING

All regulatory documents, submissions, materials, data, monitoring reports, and correspondence should be converted to a searchable Portable Document Format (PDF) and submitted electronically. Documents that are less than 50MB should be emailed to:

centralvalleysacramento@waterboards.ca.gov

Documents that are 50 MB or larger should be transferred to a CD, DVD, or flash drive and mailed to the following address:

Central Valley Regional Water Quality Control Board
 ECM Mailroom
 11020 Sun Center Drive, Suite 200
 Rancho Cordova, California 95670

To ensure that your submittals are routed to the appropriate staff, the following information block should be included in any correspondence used to transmit documents to this office:

| | | |
|---|--------------------|------------------------|
| Facility Name: Zacky & Sons Poultry, San Joaquin County | | |
| Program: Non-15 Compliance | Order R5-2016-0810 | CIWQS Place ID: 810580 |

In reporting monitoring data, the Discharger shall arrange the data in tabular form so that the date, sample type (e.g., groundwater, etc.), and reported analytical result for each sample are readily discernible. The results of any monitoring done more frequently than required at the locations specified in the Monitoring and Reporting Program shall be reported to the Central Valley Water Board.

As required by the California Business and Professions Code sections 6735, 7835, and 7835.1, all Groundwater Monitoring Reports shall be prepared under the direct supervision of a Registered Professional Engineer or Geologist and signed by the registered professional.

A. Quarterly Monitoring Reports

A Quarterly Monitoring Report shall be submitted to the Central Valley Water Board by the **1st day of the second month following the quarter** (i.e. the January-March report is due by May 1st) and shall include the following:

1. A narrative description of all preparatory, groundwater monitoring, sampling, and analytical testing activities. The narrative shall be sufficiently detailed to verify compliance with this MRP and the Standard Provisions and Reporting Requirements. The narrative shall be supported by field logs for each well documenting depth to groundwater; parameters measured before, during, and after purging; method of purging; calculation of casing volume; and total volume of water purged. Low or no-purge sampling methods are acceptable if described in an approved Sampling and Analysis Plan;
2. A groundwater elevation map;
3. Calculation of groundwater elevations, an assessment of groundwater flow direction, and gradient on the date of measurement, comparison with previous flow directions and gradient data, and discussion of seasonal trends if any;
4. Cumulative data tables containing the water quality analytical results and depth to groundwater;
5. A scaled map showing relevant structures and features of the facility, the locations of monitoring wells and any other sampling stations, and groundwater elevation contours referenced to mean sea level datum;
6. Freeboard measurements and a summary of the observations made for the pond, as required in the pond monitoring section above;
7. Copies of the laboratory analytical data reports shall be maintained by the Discharger and provided upon request by the Regional Water Board.

The Discharger shall establish a quarterly sampling schedule for existing and newly installed groundwater monitoring wells such that samples are obtained approximately every three months. Any groundwater quarterly monitoring data shall be reported with the monthly reporting, as appropriate (i.e., the March monthly report will include quarterly information for January-March and submitted by May 1st).

B. Annual Monitoring Report

An Annual Monitoring Report shall be submitted to the Central Valley Water Board by **1 February** each year and shall include the following:

1. Analytical results for any semi-annual monitoring.
2. An evaluation of the groundwater quality beneath and upgradient of the site for each groundwater monitoring well in accordance with the MRP. Include information in all evaluations made to determine the source of pollution and the quality of background groundwater. In addition, include all calculations and data input/analysis tables derived from use of statistical software, as applicable.

3. A discussion of any data gaps and potential deficiencies/redundancies in the monitoring network or reporting program.

A letter transmitting the self-monitoring reports shall accompany each report. Such a letter shall include a discussion of requirement violations found during the reporting period, and actions taken or planned for correcting noted violations, such as operation or facility modifications. If the Discharger has previously submitted a report describing corrective actions and/or a time schedule for implementing the corrective actions, reference to the previous correspondence will be satisfactory. The transmittal letter shall contain the penalty of perjury statement by the Discharger, or the Discharger's authorized agent, as described in the Standard Provisions General Reporting Requirements Section B.3.

The Discharger shall implement the above monitoring program on the first day of the month following adoption of this Order.

Ordered by:

PAMELA C. CREEDON, Executive Officer

(Date)

ATTACHMENT D

REQUIREMENTS FOR MONITORING WELL INSTALLATION WORKPLANS AND MONITORING WELL INSTALLATION REPORTS

Prior to installation of groundwater monitoring wells, the Discharger shall submit a workplan containing, at a minimum, the information listed in Section 1 below. Wells may be installed after staff approves the workplan. Upon installation of the monitoring wells, the Discharger shall submit a well installation report that includes the information contained in Section 2 below. All workplans and reports must be prepared under the direction of, and signed by, a registered geologist or civil engineer licensed by the State of California.

SECTION 1 - Monitoring Well Installation Workplan and Groundwater Sampling and Analysis Plan

The monitoring well installation workplan shall contain the following minimum information:

A. General Information:

- Purpose of the well installation project.
- Brief description of local geologic and hydrogeologic conditions.
- Proposed monitoring well locations and rationale for well locations.
- Topographic map showing facility location, roads, and surface water bodies.
- Large scaled site map showing all existing on-site wells, proposed wells, surface drainage courses, surface water bodies, buildings, waste handling facilities, utilities, and major physical and man-made features.

B. Drilling Details:

- On-site supervision of drilling and well installation activities.
- Description of drilling equipment and techniques.
- Equipment decontamination procedures.
- Soil sampling intervals (if appropriate) and logging methods.

C. Monitoring Well Design (in narrative and/or graphic form):

Diagram of proposed well construction details:

- Borehole diameter.
- Casing and screen material, diameter, and centralizer spacing (if needed).
- Type of well caps (bottom cap either screw on or secured with stainless steel screws).
- Anticipated depth of well, length of well casing, and length and position of perforated interval.
- Thickness, position and composition of surface seal, sanitary seal, and sand pack.
- Anticipated screen slot size and filter pack.

D. Well Development (not to be performed until at least 48 hours after sanitary seal placement):

Method of development to be used (i.e., surge, bail, pump, etc.).

Parameters to be monitored during development and record keeping technique.
Method of determining when development is complete.
Disposal of development water.

- E. Well Survey (precision of vertical survey data shall be at least 0.01 foot):
Identify the Licensed Land Surveyor or Civil Engineer that will perform the survey.
Datum for survey measurements.
List well features to be surveyed (i.e. top of casing, horizontal and vertical coordinates, etc.).
- F. Schedule for Completion of Work
- G. Appendix: Groundwater Sampling and Analysis Plan (SAP)
The Groundwater SAP shall be included as an appendix to the workplan, and shall be utilized as a guidance document that is referred to by individuals responsible for conducting groundwater monitoring and sampling activities.

Provide a detailed written description of standard operating procedures for the following:

- Equipment to be used during sampling.
- Equipment decontamination procedures.
- Water level measurement procedures.
- Well purging (include a discussion of procedures to follow if three casing volumes cannot be purged).
- Monitoring and record keeping during water level measurement and well purging (include copies of record keeping logs to be used).
- Purge water disposal.
- Analytical methods and required reporting limits.
- Sample containers and preservatives.
- Sampling:
 - General sampling techniques.
 - Record keeping during sampling (include copies of record keeping logs to be used).
 - QA/QC samples.
- Chain of Custody.
- Sample handling and transport.

SECTION 2 - Monitoring Well Installation Report

The monitoring well installation report must provide the information listed below. In addition, the report must also clearly identify, describe, and justify any deviations from the approved workplan.

- A. General Information:
Purpose of the well installation project.
Brief description of local geologic and hydrogeologic conditions encountered during installation of the wells.

Number of monitoring wells installed and copies of County Well Construction Permits.
Topographic map showing facility location, roads, surface water bodies.
Scaled site map showing all previously existing wells, newly installed wells, surface water bodies, buildings, waste handling facilities, utilities, and other major physical and man-made features.

B. Drilling Details (in narrative and/or graphic form):

On-site supervision of drilling and well installation activities.

Drilling contractor and driller's name.

Description of drilling equipment and techniques.

Equipment decontamination procedures.

Soil sampling intervals and logging methods.

Well boring log:

- Well boring number and date drilled.
- Borehole diameter and total depth.
- Total depth of open hole (same as total depth drilled if no caving or back-grouting occurs).
- Depth to first encountered groundwater and stabilized groundwater depth.
- Detailed description of soils encountered, using the Unified Soil Classification System.

C. Well Construction Details (in narrative and/or graphic form):

Well construction diagram, including:

- Monitoring well number and date constructed.
- Casing and screen material, diameter, and centralizer spacing (if needed).
- Length of well casing, and length and position of perforated interval.
- Thickness, position and composition of surface seal, sanitary seal, and sand pack.
- Type of well caps (bottom cap either screw on or secured with stainless steel screws).

E. Well Development:

Date(s) and method of development.

How well development completion was determined.

Volume of water purged from well and method of development water disposal.

Field notes from well development should be included in report.

F. Well Survey (survey the top rim of the well casing with the cap removed):

Identify the coordinate system and datum for survey measurements .

Describe the measuring points (i.e. ground surface, top of casing, etc.).

Present the well survey report data in a table.

Include the Registered Engineer or Licensed Surveyor's report and field notes in appendix.

ATTACHMENT E

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD CENTRAL VALLEY REGION

STANDARD PROVISIONS AND REPORTING REQUIREMENTS FOR WASTE DISCHARGE REQUIREMENTS

1 March 1991

A. General Provisions:

1. The requirements prescribed herein do not authorize the commission of any act causing injury to the property of another, or protect the Discharger from liabilities under federal, state, or local laws. This Order does not convey any property rights or exclusive privileges.
2. The provisions of this Order are severable. If any provision of this Order is held invalid, the remainder of this Order shall not be affected.
3. After notice and opportunity for a hearing, this Order may be terminated or modified for cause, including, but not limited to:
 - a. Violation of any term or condition contained in this Order;
 - b. Obtaining this Order by misrepresentation, or failure to disclose fully all relevant facts;
 - c. A change in any condition that results in either a temporary or permanent need to reduce or eliminate the authorized discharge;
 - d. A material change in the character, location, or volume of discharge.
4. Before making a material change in the character, location, or volume of discharge, the discharger shall file a new Report of Waste Discharge with the Regional Board. A material change includes, but is not limited to, the following:
 - a. An increase in area or depth to be used for solid waste disposal beyond that specified in waste discharge requirements.
 - b. A significant change in disposal method, location or volume, e.g., change from land disposal to land treatment.
 - c. The addition of a major industrial, municipal or domestic waste discharge facility.
 - d. The addition of a major industrial waste discharge to a discharge of essentially domestic sewage, or the addition of a new process or product by an industrial facility resulting in a change in the character of the waste.

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5. Except for material determined to be confidential in accordance with California law and regulations, all reports prepared in accordance with terms of this Order shall be available for public inspection at the offices of the Board. Data on waste discharges, water quality, geology, and hydrogeology shall not be considered confidential.
6. The discharger shall take all reasonable steps to minimize any adverse impact to the waters of the state resulting from noncompliance with this Order. Such steps shall include accelerated or additional monitoring as necessary to determine the nature and impact of the noncompliance.
7. The discharger shall maintain in good working order and operate as efficiently as possible any facility, control system, or monitoring device installed to achieve compliance with the waste discharge requirements.
8. The discharger shall permit representatives of the Regional Board (hereafter Board) and the State Water Resources Control Board, upon presentations of credentials, to:
 - a. Enter premises where wastes are treated, stored, or disposed of and facilities in which any records are kept,
 - b. Copy any records required to be kept under terms and conditions of this Order,
 - c. Inspect at reasonable hours, monitoring equipment required by this Order, and
 - d. Sample, photograph and video tape any discharge, waste, waste management unit, or monitoring device.
9. For any electrically operated equipment at the site, the failure of which would cause loss of control or containment of waste materials, or violation of this Order, the discharger shall employ safeguards to prevent loss of control over wastes. Such safeguards may include alternate power sources, standby generators, retention capacity, operating procedures, or other means.
10. The fact that it would have been necessary to halt or reduce the permitted activity in Order to maintain compliance with this Order shall not be a defense for the discharger's violations of the Order.
11. Neither the treatment nor the discharge shall create a condition of nuisance or pollution as defined by the California Water Code, Section 13050.
12. The discharge shall remain within the designated disposal area at all times.

B. General Reporting Requirements:

1. In the event the discharger does not comply or will be unable to comply with any prohibition or limitation of this Order for any reason, the discharger shall notify the Board by telephone at **(916) 464-3291** [*Note: Current phone numbers for all three Regional Board offices may be found on the internet at http://www.swrcb.ca.gov/rwqcb5/contact_us.*] as soon as it or its agents

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have knowledge of such noncompliance or potential for noncompliance, and shall confirm this notification in writing within **two weeks**. The written notification shall state the nature, time and cause of noncompliance, and shall include a timetable for corrective actions.

2. The discharger shall have a plan for preventing and controlling accidental discharges, and for minimizing the effect of such events.

This plan shall:

- a. Identify the possible sources of accidental loss or leakage of wastes from each waste management, treatment, or disposal facility.
- b. Evaluate the effectiveness of present waste management/treatment units and operational procedures, and identify needed changes of contingency plans.
- c. Predict the effectiveness of the proposed changes in waste management/treatment facilities and procedures and provide an implementation schedule containing interim and final dates when changes will be implemented.

The Board, after review of the plan, may establish conditions that it deems necessary to control leakages and minimize their effects.

3. All reports shall be signed by persons identified below:
 - a. For a corporation: by a principal executive officer of at least the level of senior vice-president.
 - b. For a partnership or sole proprietorship: by a general partner or the proprietor.
 - c. For a municipality, state, federal or other public agency: by either a principal executive officer or ranking elected or appointed official.
 - d. A duly authorized representative of a person designated in 3a, 3b or 3c of this requirement if;
 - (1) the authorization is made in writing by a person described in 3a, 3b or 3c of this provision;
 - (2) the authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity, such as the position of plant manager, operator of a waste management unit, superintendent, or position of equivalent responsibility. (A duly authorized representative may thus be either a named individual or any individual occupying a named position); and
 - (3) the written authorization is submitted to the Board

Any person signing a document under this Section shall make the following certification:

“I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of the those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.”

4. Technical and monitoring reports specified in this Order are requested pursuant to Section 13267 of the Water Code. Failing to furnish the reports by the specified deadlines and falsifying information in the reports, are misdemeanors that may result in assessment of civil liabilities against the discharger.
5. The discharger shall mail a copy of each monitoring report and any other reports required by this Order to:

California Regional Water Quality Control Board
Central Valley Region
11020 Sun Center Drive, #200
Rancho Cordova, CA 95670-6114

Note: Current addresses for all three Regional Board offices may be found on the internet at http://www.swrcb.ca.gov/rwqcb5/contact_us or the current address if the office relocates.

C. Provisions for Monitoring:

1. All analyses shall be made in accordance with the latest edition of: (1) *Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater* (EPA 600 Series) and (2) *Test Methods for Evaluating Solid Waste* (SW 846-latest edition). The test method may be modified subject to application and approval of alternate test procedures under the Code of Federal Regulations (40 CFR 136).
2. Chemical, bacteriological, and bioassay analysis shall be conducted at a laboratory certified for such analyses by the State Department of Health Services. In the event a certified laboratory is not available to the discharger, analyses performed by a noncertified laboratory will be accepted provided a Quality Assurance-Quality Control Program is instituted by the laboratory. A manual containing the steps followed in this program must be kept in the laboratory and shall be available for inspection by Board staff. The Quality Assurance-Quality Control Program must conform to EPA guidelines or to procedures approved by the Board.

Unless otherwise specified, all metals shall be reported as Total Metals.

3. The discharger shall retain records of all monitoring information, including all calibration and maintenance records, all original strip chart recordings of continuous monitoring instrumentation, copies of all reports required by this Order, and records of all data used to

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complete the application for this Order. Records shall be maintained for a minimum of three years from the date of the sample, measurement, report, or application. This period may be extended during the course of any unresolved litigation regarding this discharge or when requested by the Regional Board Executive Officer.

Record of monitoring information shall include:

- a. the date, exact place, and time of sampling or measurements,
 - b. the individual(s) who performed the sampling of the measurements,
 - c. the date(s) analyses were performed,
 - d. the individual(s) who performed the analyses,
 - e. the laboratory which performed the analysis,
 - f. the analytical techniques or methods used, and
 - g. the results of such analyses.
4. All monitoring instruments and devices used by the discharger to fulfill the prescribed monitoring program shall be properly maintained and calibrated at least yearly to ensure their continued accuracy.
 5. The discharger shall maintain a written sampling program sufficient to assure compliance with the terms of this Order. Anyone performing sampling on behalf of the discharger shall be familiar with the sampling plan.
 6. The discharger shall construct all monitoring wells to meet or exceed the standards stated in the State Department of Water Resources *Bulletin 74-81* and subsequent revisions, and shall comply with the reporting provisions for wells required by Water Code Sections 13750 through 13755.22

D. Standard Conditions for Facilities Subject to California Code of Regulations, Title 23, Division 3, Chapter 15 (Chapter 15)

1. All classified waste management units shall be designed under the direct supervision of a California registered civil engineer or a California certified engineering geologist. Designs shall include a Construction Quality Assurance Plan, the purpose of which is to:
 - a. demonstrate that the waste management unit has been constructed according to the specifications and plans as approved by the Board.
 - b. provide quality control on the materials and construction practices used to construct the waste management unit and prevent the use of inferior products and/or materials which do not meet the approved design plans or specifications.
2. Prior to the discharge of waste to any classified waste management unit, a California registered civil engineer or a California certified engineering geologist must certify that the waste management unit meets the construction or prescriptive standards and performance goals in Chapter 15, unless an engineered alternative has been approved by the Board. In the case of an engineered alternative, the registered civil engineer or a certified engineering geologist must

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certify that the waste management unit has been constructed in accordance with Board-approved plans and specifications.

3. Materials used to construct liners shall have appropriate physical and chemical properties to ensure containment of discharged wastes over the operating life, closure, and post-closure maintenance period of the waste management units.
4. Closure of each waste management unit shall be performed under the direct supervision of a California registered civil engineer or a California certified engineering geologist.

E. Conditions Applicable to Discharge Facilities Exempted from Chapter 15 Under Section 2511

1. If the discharger's wastewater treatment plant is publicly owned or regulated by the Public Utilities Commission, it shall be supervised and operated by persons possessing certificates of appropriate grade according to California Code of Regulations, Title 23, Division 4, Chapter 14.
2. By-pass (the intentional diversion of waste streams from any portion of a treatment facility, except diversions designed to meet variable effluent limits) is prohibited. The Board may take enforcement action against the discharger for by-pass unless:
 - a. (1) By-pass was unavoidable to prevent loss of life, personal injury, or severe property damage. (Severe property damage means substantial physical damage to property, damage to the treatment facilities that causes them to become inoperable, or substantial and permanent loss of natural resources that can reasonably be expected to occur in the absence of a by-pass. Severe property damage does not mean economic loss caused by delays in production); and
 - (2) There were no feasible alternatives to by-pass, such as the use of auxiliary treatment facilities or retention of untreated waste. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a by-pass that would otherwise occur during normal periods of equipment downtime or preventive maintenance; or
 - b. (1) by-pass is required for essential maintenance to assure efficient operation; and
 - (2) neither effluent nor receiving water limitations are exceeded; and
 - (3) the discharger notifies the Board ten days in advance.

The permittee shall submit notice of an unanticipated by-pass as required in paragraph B.1. above.

3. A discharger that wishes to establish the affirmative defense of an upset (see definition in E.6 below) in an action brought for noncompliance shall demonstrate, through properly signed, contemporaneous operating logs, or other evidence, that:

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- a. an upset occurred and the cause(s) can be identified;
- b. the permitted facility was being properly operated at the time of the upset;
- c. the discharger submitted notice of the upset as required in paragraph B.1. above; and
- d. the discharger complied with any remedial measures required by waste discharge requirements.

In any enforcement proceeding, the discharger seeking to establish the occurrence of an upset has the burden of proof.

4. A discharger whose waste flow has been increasing, or is projected to increase, shall estimate when flows will reach hydraulic and treatment capacities of its treatment, collection, and disposal facilities. The projections shall be made in January, based on the last three years' average dry weather flows, peak wet weather flows and total annual flows, as appropriate. When any projection shows that capacity of any part of the facilities may be exceeded in four years, the discharger shall notify the Board by **31 January**.
5. Effluent samples shall be taken downstream of the last addition of wastes to the treatment or discharge works where a representative sample may be obtained prior to disposal. Samples shall be collected at such a point and in such a manner to ensure a representative sample of the discharge.
6. Definitions
 - a. Upset means an exceptional incident in which there is unintentional and temporary noncompliance with effluent limitations because of factors beyond the reasonable control of the Discharger. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper action.
 - b. The monthly average discharge is the total discharge by volume during a calendar month divided by the number of days in the month that the facility was discharging. This number is to be reported in gallons per day or million gallons per day.

Where less than daily sampling is required by this Order, the monthly average shall be determined by the summation of all the measured discharges by the number of days during the month when the measurements were made.
 - c. The monthly average concentration is the arithmetic mean of measurements made during the month.
 - d. The "daily maximum" **discharge** is the total discharge by volume during any day.

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- e. The “daily maximum” **concentration** is the highest measurement made on any single discrete sample or composite sample.
- f. A “grab” sample is any sample collected in less than 15 minutes.
- g. Unless otherwise specified, a composite sample is a combination of individual samples collected over the specified sampling period;
 - (1) at equal time intervals, with a maximum interval of one hour
 - (2) at varying time intervals (average interval one hour or less) so that each sample represents an equal portion of the cumulative flow.

The duration of the sampling period shall be specified in the Monitoring and Reporting Program. The method of compositing shall be reported with the results.

7. Annual Pretreatment Report Requirements:

Applies to dischargers required to have a Pretreatment Program as stated in waste discharge requirements.)

The annual report shall be submitted **by 28 February** and include, but not be limited to, the following items:

- a. A summary of analytical results from representative, flow-proportioned, 24-hour composite sampling of the influent and effluent for those pollutants EPA has identified under Section 307(a) of the Clean Water Act which are known or suspected to be discharged by industrial users.

The discharger is not required to sample and analyze for asbestos until EPA promulgates an applicable analytical technique under 40 CFR (Code of Federal Regulations) Part 136. Sludge shall be sampled during the same 24-hour period and analyzed for the same pollutants as the influent and effluent sampling analysis. The sludge analyzed shall be a composite sample of a minimum of 12 discrete samples taken at equal time intervals over the 24-hour period. Wastewater and sludge sampling and analysis shall be performed at least annually. The discharger shall also provide any influent, effluent or sludge monitoring data for nonpriority pollutants which may be causing or contributing to Interference, Pass Through or adversely impacting sludge quality. Sampling and analysis shall be performed in accordance with the techniques prescribed in 40 CFR Part 136 and amendments thereto.

- b. A discussion of Upset, Interference, or Pass Through incidents, if any, at the treatment plant which the discharger knows or suspects were caused by industrial users of the system. The discussion shall include the reasons why the incidents occurred, the corrective actions taken and, if known, the name and address of the industrial user(s) responsible. The discussion shall also include a review of the applicable pollutant limitations to determine whether any

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additional limitations, or changes to existing requirements, may be necessary to prevent Pass Through, Interference, or noncompliance with sludge disposal requirements.

- c. The cumulative number of industrial users that the discharger has notified regarding Baseline Monitoring Reports and the cumulative number of industrial user responses.
- d. An updated list of the discharger's industrial users including their names and addresses, or a list of deletions and additions keyed to a previously submitted list. The discharger shall provide a brief explanation for each deletion. The list shall identify the industrial users subject to federal categorical standards by specifying which set(s) of standards are applicable. The list shall indicate which categorical industries, or specific pollutants from each industry, are subject to local limitations that are more stringent than the federal categorical standards. The discharger shall also list the noncategorical industrial users that are subject only to local discharge limitations. The discharger shall characterize the compliance status through the year of record of each industrial user by employing the following descriptions:
 - (1) Complied with baseline monitoring report requirements (where applicable);
 - (2) Consistently achieved compliance;
 - (3) Inconsistently achieved compliance;
 - (4) Significantly violated applicable pretreatment requirements as defined by 40 CFR 403.8(f)(2)(vii);
 - (5) Complied with schedule to achieve compliance (include the date final compliance is required);
 - (6) Did not achieve compliance and not on a compliance schedule;
 - (7) Compliance status unknown.

A report describing the compliance status of any industrial user characterized by the descriptions in items (d)(3) through (d)(7) above shall be **submitted quarterly from the annual report date** to EPA and the Board. The report shall identify the specific compliance status of each such industrial user. This quarterly reporting requirement shall commence upon issuance of this Order.

- e. A summary of the inspection and sampling activities conducted by the discharger during the past year to gather information and data regarding the industrial users. The summary shall include but not be limited to, a tabulation of categories of dischargers that were inspected and sampled; how many and how often; and incidents of noncompliance detected.

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- f. A summary of the compliance and enforcement activities during the past year. The summary shall include the names and addresses of the industrial users affected by the following actions:
- (1) Warning letters or notices of violation regarding the industrial user's apparent noncompliance with federal categorical standards or local discharge limitations. For each industrial user, identify whether the apparent violation concerned the federal categorical standards or local discharge limitations;
 - (2) Administrative Orders regarding the industrial user's noncompliance with federal categorical standards or local discharge limitations. For each industrial user, identify whether the violation concerned the federal categorical standards or local discharge limitations;
 - (3) Civil actions regarding the industrial user's noncompliance with federal categorical standards or local discharge limitations. For each industrial user, identify whether the violation concerned the federal categorical standards or local discharge limitations;
 - (4) Criminal actions regarding the industrial user's noncompliance with federal categorical standards or local discharge limitations. For each industrial user, identify whether the violation concerned the federal categorical standards or local discharge limitations.
 - (5) Assessment of monetary penalties. For each industrial user identify the amount of the penalties;
 - (6) Restriction of flow to the treatment plant; or
 - (7) Disconnection from discharge to the treatment plant.
- g. A description of any significant changes in operating the pretreatment program which differ from the discharger's approved Pretreatment Program, including, but not limited to, changes concerning: the program's administrative structure; local industrial discharge limitations; monitoring program or monitoring frequencies; legal authority of enforcement policy; funding mechanisms; resource requirements; and staffing levels.
- h. A summary of the annual pretreatment budget, including the cost of pretreatment program functions and equipment purchases.
- i. A summary of public participation activities to involve and inform the public.
- j. A description of any changes in sludge disposal methods and a discussion of any concerns not described elsewhere in the report.

Duplicate signed copies of these reports shall be submitted to the Board and:

Regional Administrator
U.S. Environmental Protection Agency W-5
75 Hawthorne Street
San Francisco, CA 94105

and

State Water Resource Control Board
Division of Water Quality
P.O. Box 100
Sacramento, CA 95812

Revised January 2004 to update addresses and phone numbers

Monitoring Report Submittal Transmittal Form

Attn: Brendan (916) 464-4635
Central Valley Regional Water Quality Control Board
11020 Sun Center Drive #200
Rancho Cordova, CA 95670-6114

Discharger: Zacky & Sons Poultry, LLC
Name of Facility: Zacky Stockton Poultry Processing Plant
WDRs Order Number: R5-2016-0810
WDID:
County: San Joaquin

I am hereby submitting to the Central Valley Water Board the following information:

Check all that apply:

Monthly Monitoring Report for the month of _____

1st / 2nd / 3rd / 4th (**circle one**) Quarterly Monitoring Report for the year of _____

Annual Monitoring Report for the year _____

Violation Notification

During the monitoring period, there were / were not (circle one) any violations of the WDRs.

1. The violations were:

2. Have the violations been corrected? Yes / No. If no, what will be done to correct the violations:

Certification Statement

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment."

Signature: _____ Phone: _____

Printed Name: _____ Date: _____