

Central Valley Regional Water Quality Control Board

3 March 2017

WDID: 5A041009001

Mr. Thomas Pacelli
J&H Asset Property Management, Inc.
22880 Savi Ranch Parkway
Yorba Linda, CA 92887

CERTIFIED MAIL:
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NOTICE OF APPLICABILITY (NOA), WATER QUALITY ORDER 2014-0153-DWQ-R5224, DINGERVILLE USA, BUTTE COUNTY

On 18 August 2016 Central Valley Regional Water Quality Control Board (Central Valley Water Board) staff inspected the wastewater facilities at Dingerville USA (hereafter "Facility") located at 5813 Pacific Heights Road, south of Oroville in Butte County. Based on the site inspection and a case file review, the facility treats and disposes of less than 100,000 gallons of wastewater per day, and is therefore eligible for coverage under the general and specific conditions of State Water Resources Control Board (State Water Board) Water Quality Order 2014-0153-DWQ *General Waste Discharge Requirements for Small Domestic Wastewater Treatment Systems* (General Order). This letter serves as formal notice that the General Order is applicable to your facility and the wastewater discharge described below. You are hereby assigned General Order 2014-0153-DWQ-R5224 for your facility.

You should familiarize yourself with the entire General Order and its attachments enclosed with this letter, which prescribes mandatory discharge and monitoring requirements. Sampling, monitoring, and reporting requirements applicable to your treatment and disposal methods must be completed in accordance with the appropriate treatment system sections of the *General Order* and the attached *Monitoring and Reporting Program* (MRP). This MRP was developed after consideration of your waste characterization and site conditions described in the attached *Technical Memorandum*.

REGULATORY BACKGROUND

Waste Discharge Requirements (WDR) Order 93-241 were adopted for this facility by the Central Valley Water Board on 3 December 1993. The Monitoring and Reporting Program 93-241 requires the following:

- Monthly visual observations of freeboard and liquid depth for each pond;
- Monthly visual observations for berm conditions to check for seepage through pond dikes, excessive odors or other nuisances, and excessive weed growth;
- Monthly reporting by the 20th day of the month following data collection.

DISCHARGE DESCRIPTION

The Facility is located on Pacific Heights Road, just west of Highway 70 in Butte County. The Facility is in Section 2, T18N, R3E, MDB&M in Butte County with surface water drainage to an

unnamed tributary of the Feather River. The Facility has a total of 38 spaces for recreational vehicles and 41 spaces for mobile homes.

The wastewater collection system consists of two gravity flow lines draining west to two wet wells which pump wastewater to Pond 1. The south collection line flows to a lift station equipped with alternating pumps to convey wastewater to Pond 1. The north collection line flows to a wet well with a single pump which sends wastewater to Pond 1. Wastewater gravity flows from evaporation/percolation Pond 1 to Ponds 2 and 3. According to WDR Order 93-241, the capacity of the existing treatment system is 21,000 gallons per day.

The Facility has no groundwater monitoring wells, and has two private water supply wells.

This is an existing facility; therefore enrollment under the General Order is categorically exempt from the California Environmental Quality Act (CEQA) pursuant to California Code of Regulations, title 14, section 15301 which applies to ongoing or existing projects.

FACILITY SPECIFIC REQUIREMENTS

The Discharger will maintain exclusive control over the discharge, and shall comply with the terms and conditions of this NOA and the General Order 2014-0153-DWQ-R5224, with all attachments.

Additionally the General Order states in Section B.1.L that the discharger shall comply with the setbacks as described in Table 3. This table summarizes different setback requirements for wastewater system equipment, activities, and storage and/or treatment ponds from sensitive receptors and property lines where applicable. The Discharger shall comply with the following applicable setback requirements as summarized in the following table.

Site Specific Applicable Setback Requirements					
Equipment or Activity	Domestic Well	Flowing Stream ^a	Ephemeral Stream Drainage ^b	Property Line	Lake or Reservoir ^d
Septic Tank, Aerobic Treatment Unit, Treatment System, or Collection System ^e	150 ft. ^y 100 ft. ^o 50 ft. ^c	50 ft. ^c	50 ft.	5 ft. ^{c,z}	200 ft. ^w 50 ft. ^c
WASTEWATER STORAGE AND/OR TREATMENT PONDS					
Impoundment (undisinfected secondary recycled water) ⁱ	150 ft. ^s	150 ft.	150 ft.	50 ft.	200 ft.
<p>LAA denotes Land Application Area. Sec denotes secondary.</p> <p>^a A flowing stream shall be measured from the ordinary high water mark established by fluctuations of water elevation and indicated by characteristics such as shelving, changes in soil character, vegetation type, presence of litter or debris, or other appropriate means.</p> <p>^b Ephemeral Stream Drainage denotes a surface water drainage feature that flows only after rain or snow-melt and does not have sufficient groundwater seepage (baseflow) to maintain a condition of flowing surface water. The drainage shall be measured from a line that defines the limit of the ordinary high water mark (described in "a" above). Irrigation canals are not considered ephemeral streams drainage features. The ephemeral stream shall be a "losing stream" (discharging surface water to groundwater) at the proposed wastewater system site.</p> <p>^c Setback established by California Plumbing Code, Table K-1.</p> <p>^d Lake or reservoir boundary measured from the high water line.</p> <p>^e Septic Tank, Aerobic Treatment Unit, Treatment System, or Collection System addresses equipment located below ground or that impedes leak detection by routine visual inspection.</p> <p>ⁱ Undisinfected secondary recycled water is defined in California Code of Regulations, title 22, section 60301.900.</p> <p>^o California Well Standards, part II, section 8. Site-specific conditions may allow reduced setback or require an increased setback. See discussion in Well Standards.</p> <p>^s Setback established by California Code of Regulations, title 22, section 60310(d).</p> <p>^w Setback established by the Onsite Wastewater Treatment System Policy, section 7.5.5.</p> <p>^y Setback established by Onsite Wastewater Treatment System Policy, section 7.5.6.</p> <p>^z Collection system to property line setback is not applicable.</p>					

Failure to comply with the requirements in the documents could result in an enforcement action as authorized by provisions of the California Water Code. Discharge of wastes other than those described in this NOA is prohibited. If the method of waste disposal changes from that described in this NOA, you must submit a new Report of Waste Discharge describing the new operation.

The required annual fee specified in the annual billing from the State Water Board shall be paid until this NOA is officially terminated. You must notify this office in writing if the discharge regulated by the General Order ceases, so that we may terminate coverage and avoid unnecessary billing.

The Central Valley Water Board has gone to a Paperless Office System. All regulatory documents, MRPs, 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:

centralvalleyredding@waterboards.ca.gov. Documents that are 50MB or larger should be

transferred to a disc and mailed to the appropriate regional water board office, in this case 364 Knollcrest Drive, Suite 205, Redding, CA 96002. To ensure that your submittals are routed to the appropriate staff, the following information block should be included in any email used to transmit documents to this office:

Program: WDR
Facility Name: Dingerville USA

WDID: 5A041009001
Order: 2014-0153-DWQ-R5224

Please note that WDRs Order 93-241 is proposed to be rescinded at the **8/9 June 2017** meeting of the Central Valley Water Board. Upon rescission of your individual WDR, coverage for your facility under the General Order shall become applicable subject to this Notice of Applicability.

If you have any questions regarding submitting an updated report of waste discharge, making changes to your permitted operations, compliance or enforcement please contact Monique Gaido at (530) 224-4205, Monique.Gaido@waterboards.ca.gov, or the footer address.

Original signed by Bryan Smith for

(for) Pamela C. Creedon
Executive Officer

MEG:ab

Attachments: Technical Memorandum
Monitoring and Reporting Program
Dingerville USA Site Location Map
General Order 2014-0153-DWQ

cc w/ encl: Dale O'Bryan, Cranmer Engineering, Inc.

cc w/o encl: Tim O'Brien, State Water Resources Control Board (SWRCB), Sacramento
Patrick Pulupa, SWRCB, Office of Chief Counsel, Sacramento

Central Valley Regional Water Quality Control Board

TECHNICAL MEMORANDUM

TO: George Low, P.G.
Senior Engineering Geologist

FROM: Monique Gaido, P.G.
Engineering Geologist

DATE: 3 March 2017

SIGNATURE: Original signed by Monique Gaido

SUBJECT: REVIEW OF NITRATE AND SETBACK CONDITIONS FOR DINGERVILLE USA, BUTTE COUNTY GENERAL ORDER WQ 2014-0153-DWQ ENROLLMENT

Staff has reviewed the case file and the 18 August 2016 Inspection Report for Dingerville USA. The Report assesses the general condition of the wastewater collection and treatment system. The Discharger has kept adequate maintenance documentation, and all treatment and collection infrastructure appears in good order.

The Dingerville USA mobile home and recreational vehicle park (Facility) is located approximately three miles south of the City of Oroville. The Facility consists of 38 mobile home and 41 recreational vehicle spaces, two collection lines, and five lift stations to convey wastewater to a series of three storage/treatment ponds. In 2002 dikes between Ponds 2 and 3 and Ponds 4 and 5 were removed and the ponds were deepened to approximately 12 feet. Berms were widened because of chronic seepage problems. The design capacity of the wastewater treatment system is 21,000 gallons per day. No historical flow data is available because the current permit does not require flow monitoring. Facility staff plan to install two flow meters in 2017.

Potential Threats to Water Quality

The Facility is located approximately 500 feet east of a seasonal drainage which flows to the Feather River. The Facility's water supply wells are approximately 1,000 feet west of the storage/treatment ponds.

Local well logs obtained from the Department of Water Resources and the online Groundwater Information Center show groundwater is approximately 35 to 40 feet below ground surface.

Completion of the Nitrate Checklist in Attachment 1 of Order 2014-0153-DWQ indicates the following flow and rationale:

A1 Exceed 20,000 gpd? System flow data is unavailable and the system is permitted for 21,000 gpd. A flow meter is scheduled for installation in 2017. Flows are presumed to be well below 20,000 gpd and General Order monitoring requirements do not require nitrogen monitoring for treatment systems below the 20,000 gpd threshold.

Conclusion: Based on the small size of the Facility, wastewater flow rates do not exceed 20,000 gpd and the Facility will not perform nitrogen monitoring on a regular basis. Should average daily flow rates exceed 20,000 gpd on a regular basis, the Monitoring and Reporting Program would be revised to include monthly influent and effluent sampling for Total Nitrogen.

Monitoring Requirements

To protect water quality, General Order monitoring requirements will be sufficient. In summary, Staff recommends quarterly reporting of the average daily flow rate, monthly effluent sampling from Pond 3 for Biological Oxygen Demand, and monthly wastewater pond monitoring for Dissolved Oxygen, Freeboard, Berm Condition and Odor. See the Monitoring and Reporting Program for more detail.

All monitoring will be reported on a quarterly basis by the first day of the second month after the quarter ends (e.g. First Quarter Monitoring Report is due by May 1st). Annual monitoring will be included with the Fourth Quarter Monitoring Report.

No groundwater monitoring is required at this time.

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL VALLEY REGION

MONITORING AND REPORTING PROGRAM 2014-0153-DWQ-R5224

FOR

DINGERVILLE USA

BUTTE COUNTY

This Monitoring and Reporting Program (MRP) describes requirements for monitoring a wastewater treatment system. This MRP is issued pursuant to Water Code section 13267. The Discharger shall not implement any changes to this MRP unless and until a revised MRP is issued by the Regional Water Quality Control Board (Regional Water Board) Executive Officer.

The State Water Resources Control Board (State Water Board) and Regional Water Boards have transitioned to the paperless office system. In some regions, Dischargers will be directed to submit reports (both technical and monitoring reports) to the State Water Board's Electronic Content Management (ECM) database via email in portable document format (pdf). The email address for the ECM submittal is: centralvalleyredding@waterboards.ca.gov

Water Code section 13267 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 within its region, or any citizen or domiciliary, or political agency or entity of this state who has discharged, discharges, or is suspected of having discharged or discharging, or who proposes to discharge, waste outside of its region 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.”

Water Code section 13268 states, in part:

“(a) Any person failing or refusing to furnish technical or monitoring program reports as required by subdivision (b) of section 13267, or failing or refusing to furnish a statement of compliance as required by subdivision (b) of section 13399.2, or falsifying any information provided therein, 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 accordance with article 2.5 (commencing with section 13323) of chapter 5 for a violation of subdivision (a) in an amount which shall not exceed one thousand dollars (\$1,000) for each day in which the violation occurs.”

The Discharger owns and operates the wastewater system that is subject to the Notice of Applicability (NOA) of Water Quality Order 2014-0153-DWQ. The reports are necessary to ensure that the Discharger complies with the NOA and General Order. Pursuant to Water Code section 13267, the Discharger shall implement this MRP and shall submit the monitoring reports described herein.

All samples shall be representative of the volume and nature of the discharge or matrix of material sampled. The name of the sampler, sample type (grab or composite), time, date, location, bottle type, and any preservative used for each sample shall be recorded on the sample chain of custody form. The chain of custody form must also contain all custody information including date, time, and to whom samples were relinquished. If composite samples are collected, the basis for sampling (time or flow weighted) shall be approved by Regional Water Board staff.

Field test instruments (such as those used to test pH, dissolved oxygen, and electrical conductivity) may be used provided that they are used by a State Water Board California Environmental Laboratory Accreditation Program certified laboratory, or:

1. The user is trained in proper use and maintenance of the instruments;
2. The instruments are field calibrated prior to monitoring events at the frequency recommended by the manufacturer;
3. Instruments are serviced and/or calibrated by the manufacturer at the recommended frequency; and
4. Field calibration reports are maintained and available for at least three years.

POND SYSTEM MONITORING ¹

Influent Monitoring

Influent samples shall be taken from a location that provides representative samples of the wastewater and flow rate. At a minimum, influent monitoring shall consist of the following:

<u>Constituent</u>	<u>Units</u>	<u>Sample Type</u>	<u>Sample Frequency</u>	<u>Reporting Frequency</u>
Flow Rate ^a	gpd	Meter	Continuous	Quarterly

gpd denotes gallons per day. mg/L denotes milligrams per liter.

^{a.} At a minimum, the total flow shall be measured monthly to calculate the average daily flow for the month.

Wastewater Pond Monitoring

All wastewater and treated wastewater storage ponds (lined and unlined) shall be monitored as specified below:

<u>Constituent</u>	<u>Units</u>	<u>Sample Type</u>	<u>Sample Frequency</u>	<u>Reporting Frequency</u>
Dissolved Oxygen	mg/L	Grab	Monthly	Quarterly
Freeboard	0.1 feet	Measurement	Monthly	Quarterly
Odors	--	Observation	Monthly	Quarterly

¹ Determine the need for monitoring based on the flow rate and Attachment 1. Biochemical oxygen demand limits apply with flow rates above 400 gpd; nitrogen limits may apply at flow rates above 20,000 gpd. (See General Order Section D, Effluent Limits and Attachment 1, Nitrogen Effluent Limit Evaluation.)

<u>Constituent</u>	<u>Units</u>	<u>Sample Type</u>	<u>Sample Frequency</u>	<u>Reporting Frequency</u>
Berm condition	--	Observation	Monthly	Quarterly

mg/L denotes milligrams per liter.

Effluent Monitoring

Effluent samples shall be taken from Pond 3 to provide representative samples of the wastewater. At a minimum, effluent monitoring shall consist of the following:

<u>Constituent</u>	<u>Units</u>	<u>Sample Type</u>	<u>Sample Frequency</u>	<u>Reporting Frequency</u>
Biochemical Oxygen Demand	mg/L	Grab	Monthly	Quarterly

mg/L denotes milligrams per liter.

SOLIDS DISPOSAL MONITORING

The Discharger shall report the handling and disposal of all solids (e.g., screenings, grit, sludge, biosolids, etc.) generated at the wastewater system. Records shall include the name/contact information for the hauling company, the type and amount of waste transported, the date removed from the wastewater system, the disposal facility name and address, and copies of analytical data required by the entity accepting the waste. These records shall be submitted as part of the annual monitoring report.

REPORTING

In reporting monitoring data, the Discharger shall arrange the data in tabular form so that the date, sample type (e.g., effluent, solids, etc.), and reported analytical or visual inspection results are readily discernible. The data shall be summarized to clearly illustrate compliance with the General Order and NOA as applicable. The results of any monitoring done more frequently than required at the locations specified in the MRP shall be reported in the next regularly scheduled monitoring report and shall be included in calculations as appropriate.

During the life of this General Order, the State Water Board or Regional Water Board may require the Discharger to electronically submit monitoring reports using the State Water Board's California Integrated Water Quality System (CIWQS) program Internet web site or alternative database. Electronic submittal procedures will be provided when directed to begin electronic submittals. Until directed to electronically submit monitoring reports, the Discharger shall submit hard copy monitoring reports.

A. Quarterly Monitoring Reports

Quarterly reports shall be submitted to the Regional Water Board on the **first day of the second month after the quarter ends** (e.g. the January-March Quarterly Report is due by May 1st). The reports shall bear the certification and signature of the Discharger's authorized representative. At a minimum, the quarterly reports shall include:

1. Results of all required monitoring.

2. A comparison of monitoring data to the discharge specifications, applicable effluent limits, disclosure of any violations of the NOA and/or General Order, and an explanation of any violation of those requirements. (Data shall be presented in tabular format.)
3. If requested by staff, copies of laboratory analytical report(s) and chain of custody form(s).

B. Annual Report

Annual Reports shall be submitted to the Regional Water Board by **March 1st following the monitoring year**. The Annual Report shall include the following:

1. Tabular and graphical summaries of all monitoring data collected during the year.
2. An evaluation of the performance of the wastewater treatment facility, including discussion of capacity issues, nuisance conditions, system problems, and a forecast of the flows anticipated in the next year. A flow rate evaluation as described in the General Order (Provision E.2.c) shall also be submitted.
3. A discussion of compliance and the corrective action taken, as well as any planned or proposed actions needed to bring the discharge into compliance with the NOA and/or General Order.
4. A discussion of any data gaps and potential deficiencies/redundancies in the monitoring system or reporting program.
5. The name and contact information for the wastewater operator responsible for operation, maintenance, and system monitoring.

A letter transmitting the monitoring reports shall accompany each report. The letter shall report violations found during the reporting period, and actions taken or planned to correct the violations and prevent future violations. The transmittal letter shall contain the following penalty of perjury statement and shall be signed by the Discharger or the Discharger's authorized agent:

"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."

The Discharger shall implement the above monitoring program as of the date of this MRP.

Ordered by:

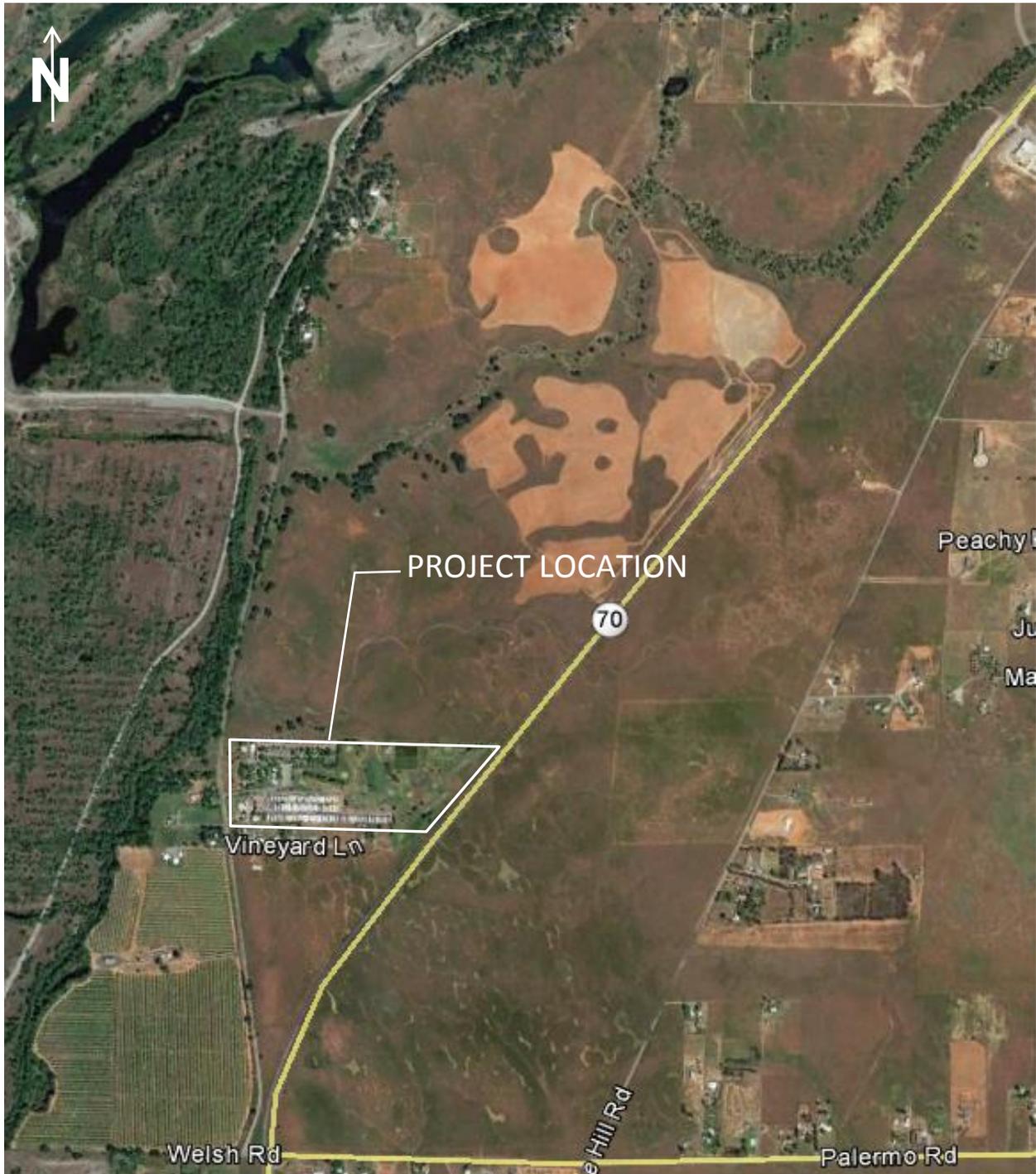
Original signed by Bryan Smith for

PAMELA C. CREEDON, Executive Officer

3 March 2017

DATE

LOCATION MAP



<p>DRAWING REFERENCE: GOOGLE EARTH MAP DATA: © 2016 GOOGLE NO SCALE</p>	<p>LOCATION MAP DINGERVILLE USA BUTTE COUNTY</p>
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