

Central Valley Regional Water Quality Control Board

21 November 2014

Denny Brown
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NOTICE OF APPLICABILITY

WATER QUALITY ORDER 2003-0003-DWQ-0125

STATEWIDE GENERAL WASTE DISCHARGE REQUIREMENTS FOR DISCHARGES TO LAND WITH A LOW THREAT TO WATER QUALITY (*STATEWIDE GENERAL ORDER*) APPLICATION TO DISCHARGE DRILLING MUDS AND BORING WASTE VINTAGE PROUDCUTION CALIFORNIA LLC, MIDWAY-SUNSET OIL FIELD, KERN COUNTY

Central Valley Regional Water Quality Control Board (Central Valley Water Board) staff have reviewed a *Notice of Intent* (NOI) submitted by Vintage Production California LLC (Discharger), which informs the Central Valley Water Board of the Discharger's intent to comply with the terms of the *Statewide General Order*, and which describes a discharge of boring wastes that may receive coverage under the *Statewide General Order*. The NOI and filing fee was received on 31 October 2014. The Discharger plans to discharge boring wastes associated with the drilling of wells in the Midway-Sunset Oil Field to the north of the City of Taft in Kern County.

The boring wastes, consisting of drilling mud and drill cuttings, will be disposed of in a surface impoundment (sump) adjacent to each well or a small group of wells. Central Valley Water Board staff find that the discharge is eligible for coverage under the *Statewide General Order* because the Discharger has submitted a Discharge Monitoring Plan (DMP) that is sufficient to demonstrate that the discharge will comply with the applicable provisions of the *Statewide General Order*, all of the other information required by the *Statewide General Order*, along with an annual fee. The Central Valley Water Board considers the issuance of this Notice of Applicability (NOA) to be a ministerial action. If the Central Valley Water Board determines that a site regulated under the *Statewide General Order* is or may be causing water quality impacts, additional measures may be imposed through a separate order issued by the Central Valley Water Board and/or the State Water Resources Control Board (State Water Board).

Please note that the following provisions and conditions of the *Statewide General Order* (among others) apply to the discharges described in the NOI:

- The discharge of any fluid associated with well stimulation activities (such as acidization or hydraulic fracturing), the discharge of fluids not typically used in drilling, and the discharge of any material not described in the NOI, is prohibited.
- The discharge of any waste to surface waters or surface water drainage courses is prohibited.
- The disposal of wastes shall not cause pollution, contamination, or nuisance, as defined in Water Code section 13050.

- The discharge shall not threaten an exceedance of any applicable water quality objectives.
- Boring wastes, drilling mud, and cuttings from well-drilling operations shall be discharged to on-site sumps and shall not contain halogenated solvents. At the end of drilling operations, the Discharger shall either:
 - Remove all wastes from the sump; or
 - Remove all free liquid from the sump and cover residual solid and semi-solid wastes, provided that representative sampling of the sump contents after liquid removal shows residual solid wastes to be non-hazardous. Residual wastes shall be disposed of at a facility that may accept these wastes under Title 27 of the California Code of Regulations, or shall be disposed of onsite. Residual wastes disposed of onsite shall meet the following requirements: (1) the discharge must be located greater than 5 feet above the local groundwater level, (2) the discharge must be covered by a minimum of 1 foot of clean soil, and (3) the discharge must be located at least 100 feet from the nearest surface water.
- A copy of the *Statewide General Order* must be kept at the discharge facility for reference by operating personnel.
- Prior to any modifications that would result in a material change in the quality or quantity of waste discharge, the Discharger shall report, in writing, all pertinent information to the Central Valley Water Board and obtain confirmation that such modifications do not disqualify the discharge from coverage under the *Statewide General Order*.
- The Discharger shall allow Central Valley Water Board staff, upon presentation of credentials, reasonable access to the Sites described in the NOI, as described in Standard Provision E.9 of the *Statewide General Order*.
- The Discharger shall comply with the DMP that was submitted to the Central Valley Water Board along with the NOI.
- All reports submitted to the Central Valley Water Board shall be certified with the following inscription, and shall be signed by an individual qualified to sign in accordance with *Statewide General Order* Standard Provision E.17:

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

- The Discharger shall immediately report any noncompliance potentially endangering public health or the environment to the Central Valley Water Board within 24 hours of the time the Discharger becomes aware of the occurrence, and shall follow all noncompliance reporting requirements specified in with *Statewide General Order* Standard Provision E.19.
- The Discharger shall comply with all of the applicable provisions of the Monitoring and Reporting Program for Water Quality Order 2003-0003-DWQ.
- The Discharger is responsible for complying with any and all applicable provisions or conditions of the *Statewide General Order*, whether or not those provisions or conditions are mentioned here.

This NOA is valid as of the date that it is signed, and will be in effect until this NOA is terminated following the submission of the Notice of Termination, or until coverage is terminated in accordance with *Statewide General Order* Standard Provision E.10, or until the Central Valley Water Board issues a General Order or Conditional Waiver Program that supersedes the *Statewide General Order*. The Discharger shall submit the required annual fee (by date specified in the annual billing issued by the State Water Board) until the NOA is no longer in effect.

This NOA generally covers discharges of boring waste by the Discharger within the Midway-Sunset Oil Field in Kern County described in the NOI. At least **14 days** prior to initiating any discharge to a new sump, the Discharger shall submit a certification to the Central Valley Water Board that discharge to the new sump will comply with all applicable provisions of the *Statewide General Order* and with Sections VII-XVI of the NOI. A single certification may reference several sumps, as long as those sumps are reasonably identifiable by discharge site address and discharge site latitude and longitude (if known).

If, in the opinion of the Executive Officer, the Discharger fails to comply with the provisions of the *Statewide General Order*, the Executive Officer may refer this matter to the Attorney General for judicial enforcement, may issue a complaint for administrative civil liability, or may take other enforcement actions. Failure to comply with this Order may result in the assessment of Administrative Civil Liability of up to \$10,000 per violation, per day, depending on the violation, pursuant to the Water Code, including sections 13268, 13350 and 13385. The Central Valley Water Board reserves its right to take any enforcement actions authorized by law.

If you have any questions regarding this NOA, please contact Dane Johnson at (559) 445-5525 or at Dane.Johnson@waterboards.ca.gov



for Pamela C. Creedon
Executive Officer

Enclosures: Approved Discharge Monitoring Program
Water Quality Order 2003-0003-DWQ
Copy of Completed NOI

cc: California Division of Oil Gas and Geothermal Resources, Bakersfield

**VINTAGE PRODUCTION CALIFORNIA
CALIFORNIA HEAVY OIL
DISCHARGE MONITORING PLAN – Midway Sunset**

Description of Well-drilling Operations

In conjunction with well drilling operations, an on-site drilling sump is developed as a receptacle for collecting and/or storing drilling mud, boring wastes and cuttings in attendant to oil and gas field drilling. At the end of drilling operations, the temporary sumps are reclaimed by removing all free liquids and providing a clean soil cover. The duration of discharge of drilling muds and boring wastes into a particular sump is limited; approximately 200 to 500 barrels of waste will be discharged per location. Unlined sumps will be used in areas of the Site overlying the Tulare formation.

Purpose:

The Discharge Monitoring Plan as provided herein complies with the Statewide General Waste Discharge Requirements (WDRs) for Discharges to Land with a Low Threat to Water Quality as provided under Order No. 2003-0003-DWQ.

Potential Pollutants and Reported Concentrations

Drilling muds and boring wastes generated generally consist of formation sediment mixed with water or a non-toxic mineral oil, bentonite clay, and other drilling additives. Pollutants potentially present in the drilling muds and boring wastes to be discharged to the sumps generally include those that may be present in the additives. A list of drilling additives and their typical concentrations as well as available Material Safety Data Sheets (MSDSs) are provided with the Notice of Intent (Attachment D) to be included as part of this plan.

Monitoring Locations and Frequencies

Sump discharge solids and semi-solids will be sampled on a quarterly basis. Each quarter, at least one representative sample of the residual solid waste from drilling sumps will be collected and analyzed (if at least one well is drilled) for the following:

- Volatile organic compounds by (VOCs) and polycyclic aromatic hydrocarbons (PAHs) by EPA 8260/8270;
- Title 22, California Assessment Manual (CAM 17) metals by EPA 6010B/7400; and
- pH by EPA 150-1.

All analyses will be performed by a State of California certified laboratory and conducted in accordance with the latest edition of "Guidelines Establishing Test Procedures for Analysis of Pollutants" promulgated by the EPA.

Reporting Schedule

As part of this Discharge Monitoring Plan, a Semi-annual Report will be completed and submitted to the Central Valley Regional Water Quality Control Board (RWQCB) on a semi-annual basis, in general accordance with the below schedule:

Monitoring Period	Report Due Date
First Half of Year (January to June)	August 15
Second Half of Year (July to December)	February 15 of Subsequent Year

Additionally, any analytical reports from sampling activities conducted within the monitoring period will be submitted along with the Semi-annual Report. If analytical reports are submitted as part of the Report, information on the following will also be included on the DMP Chain of Custody as attached:

- The date, place, and time of sampling;
- The sampling purpose;
- The individual(s) performing the sampling;
- The date(s) analyses were performed;
- The individual(s) performing the analyses; and
- The analytical techniques used.

The Semi-annual Report will also include the following statement:

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

It is assumed in this plan that a well will be drilled with an on-site drilling sump, however, in the instance whereas no drilling sump is developed within the field, the Semi-annual Report will be submitted with a "no on-site drilling sump activity" designation for that quarter.

Attachment D – List of Chemicals
Notice of Intent - WQ Order no 2003-03-DWQ
Vintage Production California, Kern County, California

MI-Swaco	GEO Drilling Fluids	Description	Recommended Concentration
BICARBONATE OF SODA	BICARBONATE OF SODA	NaHCO ₃	As Needed
Asphasol Supreme		Sulphonated Asphalt	2-6 ppb
CITRIC ACID	CITRIC ACID	C ₆ H ₈ O ₇	As Needed
COTTON SEED HULLS	COTTON SEED HULLS	Cottonseed Hulls	As needed
D-D*/MDC	DMS	Drilling detergent	1-3 ppb or as needed
DEFOAM-X*	DEFOAMER 7	Liquid Defoamer	As needed for foam
DESCO CF	DESCO CF	Modified chrome-free tannin	0.25-1.0 ppb or as needed
DRILZONE/ DRILZONE L	CFR	Lubricant / Antiaccretion agent	1-3 ppb or as needed
DUAL FLO	DrillStar HT	Modified Starch	1-3 ppb or as needed
DUO-VIS*	GEO ZAN	High molecular weight xanthan gum biopolymer	1-2 ppb or as needed for viscosity
Escaid 115		Enhanced mineral oil	As needed
FLO-TROL*	DRILL STAR EXSTAR HT	Derived starch/Modified Starch Derivative for FLO-PRO System	1-3 ppb or as needed for fluid loss control
FLO-VIS PLUS	XANVIS	Premium Grade Clarified Xanthan Gum	1-2 ppb or as needed
GELEX*	BENEX	Bentonite extender	2lbs per - 10 sks Gel
GELITE	SEA MUD	Saponite	As needed for fluid viscosity
G-SEAL*	CS 800	Sized Graphite	As needed
G-SEAL* Plus (R, C)	CS 800	Sized graphite and industrial carbon blend	As needed
HEC	HEC	HydroxyEthylCellulose (HEC)	1-2 ppb or as needed for viscosity
KLA-GARD*	KLAYCON PLUS	Organic hydration suppressant	0.5-3.0 ppb
KLA-STOP		Amine inhibitor	1-3% v/v
LIQUID BLEACH	LIQUID BLEACH	LIQUID BLEACH	As needed
LUBE-167*	CFR	Low-toxicity lubricant	1-3 ppb or as needed
MAGMA FIBER (F,R)	MAGMA FIBER (F,R)	Spun mineral fiber	As needed for lost circulation
M-I BAR*	GEO BAR 4.2	API Barite, barium sulfate	As needed for fluid density
M-I GEL*	GEO GEL	API Wyoming bentonite	Ass needed for viscosity
M-I SEAL*	PRIMA SEAL	Blended LCM	As needed
M-I-X* II (F M C)	FIBER SEAL	Micronized cellulose fiber	As needed
Myacide GA 25		Glutaraldehyde	2 gals or as needed
NUT PLUG*	NUT PLUG	Walnut Shells	As needed
POLYPAC UL	DRISPAC SUPER LO	Polyanionic Cellulose (PAC), ultra-low viscosity	1-2 ppb or as needed for fluid loss control
Polyswell		Anionic acrylamide copolymer	As needed
POTASSIUM CHLORIDE	POTASSIUM CHLORIDE	KCl	As needed
POWERVIS	VISCOSIFIER	Linear Biopolymer	1.0-2.0 ppb
PRIMA-SEAL (M, C)	PRIMA-SEAL (M C)	Ground organic materials, fibers and cellulosic materials	As needed
SAFE-CARB* (10 20 40 250)	CAL CARB	Ground Marble	As needed for mud weight and/ or bridging agent
SAPP	SAPP	Sodium Acid Pyro Phosphate Na ₂ H ₂ P ₂ O ₇	0.25-1.0 ppb or as needed
SAWDUST	SAWDUST	Ground Cellulose Fiber	As needed
SODA ASH	SODA ASH	Na ₂ CO ₃	As Needed
SP-101*	DMA	Sodium Polyacrylate Copolymer	0.75-2 ppb or as needed for fluid loss control

**Attachment D – List of Chemicals
 Notice of Intent - WQ Order no 2003-03-DWQ
 Vintage Production California, Kern County, California**

MI-Swaco	GEO Drilling Fluids	Description	Recommended Concentration
THRUCARB		Calcium carbonate (Treated)	6-15 ppb
TACKLE* (PWD) LIQ)	OMNIPOL II	Low-molecular weight Polyacrylate	0.1-1.0 ppb or as needed
TANNATHIN	LIGNITE	Causticized Lignite	6-8 ppb In Non-Prod. Zones
THRUTROL		Treated Starch	6-9 ppb as needed
Tiger Bullets		Sized mix of mixed recyclables, polysaccharides and calcium carbonate	As needed
XCD POLYMER	GEOZAN	Xanthan Gum Polymer	1-2 ppb or as needed
Soli-Bond	PV Cement	Solifying agent	As needed
MD-C	MD-C	Drilling detergent	As needed
MI-Wate	MI-Wate	Weighing agent	As needed
Polypac Supreme UL	Polypac Supreme UL	Polymer	As needed

Notes:

1. Available MSDSs for products that are not trade secrets are included in the attached CD.

SEMI-ANNUAL REPORT
WQ Order No 2003-03-DWQ
July 1 - December 31, 2014
Vintage Production California Midway Sunset, Kern County, California

3rd Quarter On-site Sump
 Date: July 1 - September 30

API No.	Well Name & No.	Discharge Site Address	Field	Date of Sampling COC Attached (Yes/No)	Well Head Location	
					Latitude	Longitude
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Comments: No unlined sumps were created or used.						

4th Quarter On-site Sump
 Date: October 1 - December 31

API No.	Well Name & No.	Discharge Site Address	Field	Date of Sampling COC Attached (Yes/No)	Well Head Location	
					Latitude	Longitude
Comments:						

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

 Operations Manager, VPC California Heavy Oil

STATE WATER RESOURCES CONTROL BOARD
WATER QUALITY ORDER NO. 2003 – 0003 - DWQ

STATEWIDE GENERAL WASTE DISCHARGE
REQUIREMENTS (WDRs) FOR DISCHARGES TO LAND WITH
A LOW THREAT TO WATER QUALITY (GENERAL WDRs)

The State Water Resources Control Board (SWRCB) finds that:

1. Section 13260(a) of the California Water Code (CWC) requires that any person discharging waste or proposing to discharge waste within any region, other than to a community sewer system, which could affect the quality of the waters of the State¹, file a report of waste discharge (ROWD).
2. The discharges to land with a low threat to water quality listed in Table 1 are low volume discharges with minimal pollutant concentrations and are disposed of by similar means. These discharges are appropriately regulated under General WDRs.

Table 1. Categories of Low Threat Discharges

CATEGORY
Wells/Boring Waste
Well Development Discharge
Monitoring Well Purge Water Discharge
Boring Waste Discharge
Clear Water Discharges
Water Main/ Water Storage Tank/ Water Hydrant Flushing
Pipelines/Tank Hydrostatic Testing Discharge
Commercial and Public Swimming Pools
Small Dewatering Projects
Small /Temporary Dewatering Projects (such as excavations during construction)
Miscellaneous
Small Inert Solid Waste Disposal Operations
Cooling Discharge

See Attachment 1 to these General WDRs for discharge category definitions.

3. All WDRs must implement the Regional Water Quality Control Board (Regional Board) Water Quality Control Plan (Basin Plan) for the Region affected by the discharge. These General WDRs require Dischargers to comply with all applicable Basin Plan provisions, including any prohibitions and water quality objectives governing the discharge.

¹ "Waters of the State" as defined in CWC Section 13050(e)

4. These General WDRs establish minimum standards for the discharges listed in Table 1. The Discharger must comply with any more stringent standards in the applicable Basin Plan. In the event of a conflict between the provisions of these General WDRs and the applicable Basin Plan, the more stringent provision prevails.
5. The beneficial uses for the groundwaters of the State include, but are not limited to: municipal supply (MUN), industrial service supply (IND), industrial process supply (PROC), fresh water replenishment (FRESH), groundwater recharge (GWR), and agricultural supply (AGR).
6. The discharges listed in Table 1 have the lowest Threat to Water Quality (TTWQ) and Complexity, as defined in Section 2200, Title 23 of the California Code of Regulations (CCR). Discharges with the lowest TTWQ are those discharges of waste that could degrade water quality without violating water quality objectives or cause a minor impairment of designated beneficial uses. Low threat discharges that do not require any chemical, biological, or physical treatment have the lowest Complexity rating.
7. Dischargers seeking coverage under these General WDRs must file with the appropriate Regional Board: (a) a Notice of Intent (NOI) to comply with the terms and conditions of these General WDRs or a ROWD², (b) the applicable first annual fee as required by Title 23, CCR, Section 2200, (c) a project map, (d) evidence of California Environmental Quality Act (CEQA) compliance, and (e) a discharger monitoring plan. Upon review by Regional Board staff, a determination will be made as to whether or not coverage under these General WDRs is appropriate. The Discharger will be notified by a letter from the Regional Board Executive Officer³ when coverage under these General WDRs has begun.
8. Dischargers with low threat discharges listed in Table 1 currently covered by waivers or individual WDRs need not apply for coverage under these General WDRs unless requested to do so by the Regional Board.
9. Although a discharge may be eligible for coverage under these General WDRs, the Regional Board may elect to regulate the discharge under other WDRs or a conditional waiver. If the Regional Board has established WDRs or a conditional waiver, these General WDRs are not applicable.
10. The following discharge categories from Table 1 are exempt from SWRCB promulgated Title 27 requirements: Wells/Boring Waste Discharges, Clear Water Discharges, Small Dewatering Projects, and Cooling Discharges (Section 20090).

² If a ROWD is submitted instead of an NOI, the discharger must complete Sections VII-XV and XVII of the NOI (Attachment 3) and submit them to the Regional Board.

³ Regional Board Executive Officer or designee.

11. Title 27, Section 20230 of CCR exempts dischargers of inert solid wastes from the requirement to discharge at classified solid waste sites. Section 20230 also gives Regional Boards the option to assign individual or general WDRs for inert solid waste discharges.
12. Discharges to lands that have been listed as hazardous materials sites, pursuant to Government Code Section 65962.5, are not eligible for coverage under these General WDRs. Discharges that will significantly physically divide an established community, significantly conflict with any applicable land use plan/policy/regulation of an agency with jurisdiction over the project, or significantly conflict with any applicable habitat/community conservation plan are not eligible for coverage under these General WDRs.
13. Discharges that could have a significant impact on Biological Resources⁴, Cultural Resources⁵, Aesthetics⁶, Air Quality⁷ or that could significantly alter the existing drainage pattern of the discharge site or surrounding area are not eligible for coverage under these General WDRs.
14. Small inert waste disposal operations and small temporary dewatering operations located on unstable geologic units/soils or expansive soils are not eligible for coverage under these General WDRs. Small inert waste disposal operations and small temporary dewatering operations that could significantly conflict with existing zoning for agriculture use or a Williamson Act contract are not eligible for coverage under these General WDRs.
15. Small inert waste disposal operations that are within the boundaries of a comprehensive airport land use plan or, if a comprehensive airport land use plan has not been adopted, within two nautical miles of a public airport or public use airport are not eligible for coverage under these General WDRs.
16. A Negative Declaration in compliance with CEQA has been adopted for these General WDRs. The environmental impacts from new discharges authorized by these General WDRs have been found to be less than significant.
17. Potential Dischargers and all other known interested parties have been notified of the intent to prescribe WDRs as described in these General WDRs.
18. All comments pertaining to the proposed discharges have been heard and considered in a public meeting.

IT IS HEREBY ORDERED, that the Discharger, in order to meet the provisions contained in Division 7 of CWC and regulations adopted thereunder, shall comply with the following:

⁴ As defined by the CEQA, Environmental Checklist Form, Title 14, California Code of Regulation, Appendix G, Section IV.

⁵ As defined by the CEQA, Environmental Checklist Form, Title 14, California Code of Regulation, Appendix G, Section V.

⁶ As defined by the CEQA, Environmental Checklist Form, Title 14, California Code of Regulation, Appendix G, Section I.

⁷ As defined by the CEQA, Environmental Checklist Form, Title 14, California Code of Regulation, Appendix G, Section III

A. PROHIBITIONS:

1. The discharge of any waste to surface waters is prohibited.
2. The disposal of wastes shall not cause pollution, contamination, or nuisance as defined in CWC Section 13050.
3. Discharge of wastes to lands not owned or controlled by the discharger is prohibited, unless the discharger has a written lease or an agreement with the owner.
4. The discharge of waste classified as "hazardous" or "designated" as defined in Title 22 CCR, Section 66261 and CWC Section 13173, is prohibited.
5. The discharge of waste shall not cause, wholly or in combination with any other discharge(s), the applicable Regional Board's Basin Plan objectives for ground or surface waters to be exceeded.
6. The discharge of waste causing the spread of groundwater contamination is prohibited.
7. The discharge of water main, water storage tank, water hydrant pipeline flushing, or hydrostatic testing water from tanks or pipelines that have been used to store or convey any medium other than potable water is prohibited, unless the Discharger has demonstrated to the Regional Board that all residual pollutant concentrations have been reduced to levels below Regional Board Basin Plan groundwater quality objectives.
8. The discharge of wastes at Small Inert Solid Waste Disposal Operations that are not listed in Attachment 2 to these General WDRs or approved by the Regional Board is prohibited.

B. DISCHARGE SPECIFICATIONS:

Table 1 discharges, except monitoring well purge water and boring waste dischargers, shall not contain concentrations of pollutants in excess of the Basin Plan ground water quality objectives. Dischargers of boring waste shall not threaten an exceedance of applicable Basin Plan ground water quality objectives.

C. PROVISIONS:

- I. The following provisions apply to Small Inert Solid Waste Operations:
 - a. Inert solid waste facilities shall only accept inert solid wastes that are listed in Attachment 2 to these General WDRs or that are approved by the Regional Board.

- b. Access to the facility shall be limited to ensure that all types of inert solid wastes accepted at the site are in compliance with these General WDRs.
 - c. Inert solid waste facilities shall develop and implement a load checking program to ensure that all the types of waste accepted at the site are in compliance with these General WDRs.
 2. Discharges of boring waste, drilling mud, and cuttings from well-drilling operations shall be discharged to on-site sumps and shall not contain halogenated solvents. At the end of drilling operations, the Discharger shall either:
 - a. Remove all wastes from the sump; or
 - b. Remove all free liquid from the sump and cover residual solid and semi-solid wastes, provided that representative sampling of the sump contents after liquid removal shows residual solid wastes to be nonhazardous. Residual wastes shall be disposed at the proper Title 27, CCR classified waste disposal facility or onsite. Residual wastes discharged onsite shall meet the following requirements: (1) the discharge must be located greater than 5 feet above local groundwater level, (2) the discharge must be covered by a minimum of 1 foot of clean soil, and (3) the discharge must be located at least 100 feet from the nearest surface water. If the sump has appropriate containment features, it may be reused.
 3. Monitoring well purge water shall be discharged at the monitoring well facility⁸ and shall not degrade underlying groundwater. Monitoring well purge water shall not be discharged in a manner causing ponding or threatening a discharge to surface waters.
 4. A minimum freeboard of two feet shall be maintained at all wastewater disposal ponds and wastewater storage ponds.
 5. All storage and disposal facilities shall be protected against erosion, overland runoff, and other impacts resulting from storm events.
 6. Dischargers applying for coverage under these General WDRs shall submit with their NOI a discharge monitoring plan (DMP). The DMP shall include the following information:
 - a. All pollutants believed to be present in the discharge
 - b. Approximate concentration of pollutants in the discharge
 - c. Monitoring locations
 - d. Monitoring frequencies

⁸ A facility where monitoring well(s) have been installed to monitor the migration or levels of a pollutant or the effects and/or migration of a particular discharge.

- e. Report schedule (dates that reports will be submitted to the Regional Board).

Material Safety Data Sheets (MSDS) and additional laboratory analysis may be required by the Regional Board to evaluate the discharge and approve the DMP.

The DMP will be subject to Regional Board Executive Officer⁹ approval. The discharge may not be initiated until the Regional Board Executive Officer approves the DMP and sends notification of this approval by letter.

7. Dischargers of well development water, boring waste, and clear water discharges shall provide written notice to the Regional Board before initiating any discharge to a new site. Dischargers shall certify that the new discharge site is in compliance with these General WDRs and the requirements established by Sections VII-XVI of Attachment 3 (NOI). All other dischargers covered under these General WDRs are prohibited from discharging to sites not described in their NOI or ROWD.
8. Discharges of liquids derived from the purging, development, or sampling of groundwater from monitoring wells shall not contain nonaqueous phase liquids (i.e., concentrations of pollutants above the solubility limits).

D. APPLICATION:

1. Discharges described in the Findings are eligible for coverage under these General WDRs provided that the discharger submits to the appropriate Regional Board¹⁰ the following:
 - a. An NOI to comply with these General WDRs (Attachment 3 to these General WDRs) or an ROWD¹¹.
 - b. A project map.
 - c. Evidence of compliance with CEQA, if any other public agency has required the project to comply with CEQA.
 - d. A first annual fee as described in Finding No. 6.
 - e. A DMP, as described in Provision C.6.
 - f. Any other additional information requested by the Regional Board to evaluate the discharge.

⁹ Regional Board Executive Officer or designee.

¹⁰ Appropriate Regional Board is the Regional Board that regulates discharges of pollutants to waters of the State for the area that the proposed discharge will occur.

¹¹ If an ROWD is submitted instead of an NOI, the discharger must complete Sections VII-XV and XVII of the NOI (Attachment 3) and submit them to the Regional Board.

E. STANDARD PROVISIONS:

1. A copy of these General WDRs shall be kept at the discharge facility for reference by operating personnel. Key operating and site management personnel shall be familiar with its contents.
2. The Discharger shall develop a discharge management plan incorporating contingency measures, should sampling results show violation of water quality standards. In no case shall the discharge continue to impair beneficial uses or violate water quality standards or cause a possible nuisance condition.
3. The Discharger shall take all reasonable steps to prevent any discharge in violation of these General WDRs.
4. The Discharger shall properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) at all times to assure compliance with these General WDRs. Proper operation and maintenance also include adequate laboratory controls and appropriate quality assurance procedures. This provision requires the operation of backup or auxiliary facilities or similar systems when necessary to assure compliance with the conditions of these General WDRs.
5. Prior to any modifications in the Discharger's facility, that would result in a material change in the quality or quantity of waste discharged or any material change in the location of the discharge, the Discharger shall report in writing to the appropriate Regional Board all pertinent information and obtain confirmation from the Regional Board that such modifications do not disqualify the Discharger from coverage under these General WDRs. Confirmation or new WDRs shall be obtained before any modifications are implemented.
6. In the event of any change in control or ownership of land or waste discharge facilities presently owned or controlled by the discharger, the discharger shall notify the succeeding owner or operator of the existence of these General WDRs by letter, a copy of which shall be immediately forwarded to the appropriate Regional Board office. The discharger shall also submit a Notice of Termination (Attachment No. 4 to these General WDRs) to the appropriate Regional Board.
7. These General WDRs do not convey any property rights or exclusive privileges. The requirements prescribed herein do not authorize the commission of any act causing injury to persons or property, do not protect the Discharger from liability under federal, State, or local laws, and do not create a vested right to continue to discharge wastes.
8. These General WDRs do not relieve the Discharger from the responsibility to obtain other necessary local, State, and federal permits to construct facilities necessary for compliance with these General WDRs, nor do these General WDRs prevent imposition of additional standards, requirements, or conditions by any other regulatory agency.

9. The Discharger shall allow the Regional Board or an authorized representative, upon the presentation of credentials and other documents as may be required by law, to do the following:
 - a. Enter upon the Discharger's premises where a regulated facility or activity is located or conducted or where records must be kept under the conditions of these General WDRs,
 - b. Access and copy, at reasonable times, any records that must be kept under the conditions of these General WDRs;
 - c. Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under these General WDRs; and
 - d. Sample or monitor, at reasonable times, for the purposes of assuring compliance with these General WDRs or as otherwise authorized by the CWC any substances or parameters at any location.
10. After notice and opportunity for a hearing, coverage of an individual discharge under these General WDRs may be terminated or modified for cause, including but not limited to, the following:
 - a. Violation of any term or condition of these General WDRs;
 - b. In obtaining these General WDRs, misrepresentation or failure to disclose all relevant facts; and
 - c. A change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge.
11. The filing of a request by the Discharger for an Order to modify, revoke and reissue, or terminate the filing of or a notice of planned changes or anticipated noncompliance does not stay any condition of these General WDRs.
12. The Discharger shall comply with Monitoring and Reporting Program for Water Quality Order No. 2003-0003-DWQ, the approved DMP, and any revisions as prescribed thereto by the Regional Board Executive Officer.
13. Where the Discharger becomes aware that it failed to submit any relevant facts in a ROWD/NOI or submitted incorrect information in an ROWD/NOI or in any report to the Regional Board, it shall promptly submit the required facts or information.
14. The Discharger shall furnish, within a reasonable time, any information the Regional Board or SWRCB may request to determine whether cause exists for modifying, revoking and reissuing, or terminating the Discharger's coverage under these General WDRs. The Discharger shall also furnish to the Regional Board or SWRCB, upon request, copies of records required to be kept by these General WDRs.

15. The CWC provides that any person failing or refusing to furnish technical or monitoring program reports, as required under these General WDRs, or falsifying any information provided in the monitoring reports is subject to civil liability for each day of violation.
16. The Discharger shall take all necessary steps to minimize or correct any adverse impact on the environment resulting from noncompliance with these General WDRs, including such accelerated or additional monitoring as may be necessary to determine the nature and impact of the noncompliance.
17. All reports, NOI, other documents required by these General WDRs, and other information requested by the Regional Board shall be signed by a person described below or by a duly authorized representative of that person.
 - a. For a corporation: by a responsible corporate officer such as (1) a president, secretary, treasurer, or vice president of the corporation in charge of a principal business function; (2) any other person who performs similar policy or decision-making functions for the corporation; or (3) the manager of one or more manufacturing, production, or operating facilities if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.
 - 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 official.
18. Any person signing a document under Provision E.17 makes the following certification, whether written or implied:

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

19. The Discharger shall immediately report any noncompliance potentially endangering public health or the environment. Any information shall be provided orally to the Regional Board within 24 hours of the time the Discharger becomes aware of the occurrence. A written report shall also be submitted to the Regional Board Executive Officer within five (5) calendar days of the time the Discharger becomes aware of the occurrence. The written report shall contain (a) a description of the noncompliance and its cause; (b) the period of the noncompliance event, including dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and (c) steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance.

20. The Discharger shall report all instances of noncompliance not reported under Provision No. E.19 at the time monitoring reports are submitted. The reports shall contain any applicable information listed in Provision No. E.19.
21. The Discharger shall give notice to the Regional Board as soon as possible of any planned alterations to the permitted facility that may change the nature or concentration of pollutants in the discharge.
22. The Discharger shall comply with all of the conditions of these General WDRs. Any noncompliance with these General WDRs constitutes a violation of the CWC and is grounds for an enforcement action.

CERTIFICATION

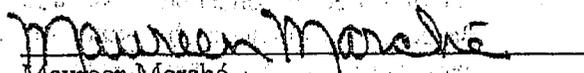
The undersigned, Clerk to the Board, does hereby certify that the foregoing is a full, true, and correct copy of an order duly and regularly adopted at a meeting of the State Water Resources Control Board held on April 30, 2003.

AYE: Arthur G. Baggett, Jr.
Peter S. Silva
Richard Katz
Gary M. Carlton

NO: None

ABSENT: None

ABSTAIN: None


Maureen Marché
Clerk to the Board

DISCHARGE CATEGORY DEFINITIONS

1. Well Development Discharge is any discharge of water to land during the development of a water well.
2. Monitoring Well Purge Water Discharge is any discharge of well water to land in the immediate vicinity of the monitoring well site during monitoring well sampling.
3. Boring Waste Discharge is any discharge of drilling mud and cuttings from well-drilling operations or any other borings in uncontaminated soils.
4. Water main, storage tank, and hydrant flushing discharges are discharges of potable or untreated clear water to land from water line and tank flushing operations.
5. Pipeline and Tank Hydrostatic Testing Discharges are discharges of potable or untreated clear water to land from hydrostatic testing of pipelines and tanks.
6. Commercial and Public Swimming Pool Discharges are discharges of swimming pool water to land.
7. Small Temporary Dewatering Projects are projects that discharge groundwater to land from small construction projects, excavation projects, or dewatering of underground utility vaults.
8. Small Inert Solid Waste Disposal Operations are operations or facilities, covering two acres of land or less, that accept wastes, which do not contain hazardous waste or soluble pollutants at concentrations in excess of applicable water quality objectives and do not contain significant quantities of decomposable waste.
9. Cooling Discharge is non-contact cooling water discharge, air conditioner condensate discharge, discharge from evaporators, and discharge from heat exchangers.

INERT SOLID WASTES LIST

1. Inert mining wastes, including native geological materials generated during aggregate mining activities at or in the vicinity of the site
2. Uncontaminated soil, inert rock, and gravel
3. Broken concrete
4. Bricks
5. Glass and ceramics not containing lead
6. Inert plastics
7. Broken asphalt paving fragments (asphalt shall not be discharged to standing water nor shall it be placed below the highest anticipated groundwater elevation)

ATTACHMENT 3
TO WQ ORDER
NO. 2003-0003-DWQ

State of California
State Water Resources Control Board

NOTICE OF INTENT
TO COMPLY WITH THE TERMS OF WATER QUALITY ORDER NO. 2003-0003-DWQ
STATEWIDE GENERAL WASTE DISCHARGE REQUIREMENTS (WDRs)
FOR DISCHARGES TO LAND WITH A LOW THREAT TO WATER QUALITY

Mark Only One Item	1. <input type="checkbox"/> New Discharge 2. <input type="checkbox"/> Change of Information-WDID # _____
--------------------	---

I. Property Owner

Name				
Mailing Address				
City	County	State	Zip	Phone
Contact Person				

II. Facility Owner

Name				
Mailing Address				
City	County	State	Zip	Phone
Contact Person				

III. Billing Address

Name				
Mailing Address				
City	County	State	Zip	Phone
Contact Person				

STATE USE ONLY

WDID: □□□□□□□□□□	Regional Board Office: □□	Date NOI Received: _____	
			Check #: _____

IV. Site Operator

Name				
Mailing Address				
City	County	State	Zip	Phone
Contact Person				

V. Site Location

Street (including address, if any)	
Nearest Cross Street(s)	
County:	Total Size of Site (acres):
Township/Range/Section B&M T _____, R _____, Section _____,	
Latitude/Longitude (From Center): _____ Deg. _____ Min. _____ Sec. N. _____ Deg. _____ Min. _____ Sec. W	
Attach a map of at least 1:24000 (1" = 2000") showing the proposed application site (e.g., USGS 7.5" topographic map).	

VI. Discharge Information

Subject	Notes
Low Threat Discharge Category:	See Table 1 of General Order 2003-0003-DWQ
Description of Operations:	
Approximate Volume of Discharge (for liquid discharges), or Flowrate: <input type="checkbox"/> Intermittent Discharge <input type="checkbox"/> Continuous Discharge.	Gal/day, gal
Pollutants/Constituents Present in the Discharge and their Approximate Concentration*:	Mg/L
Land Use Zone:	
Adjacent Land Use Zones:	

Attach additional pages to characterize the discharge if necessary.

VII. Does the proposed discharge have the potential to adversely impact a scenic vista, substantially damage scenic resources within a state scenic highway, or substantially degrade the existing visual character/quality of the discharge site/surroundings?

YES NO

VIII. Would the proposed discharge conflict with existing zoning for agricultural use or a Williamson Act contract?

YES NO

IX. Does the proposed discharge have the potential to significantly impact an applicable air quality plan, significantly violate any air quality standard or contribute to an existing violation, result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard, or significantly expose sensitive receptors to substantial pollutant concentrations?

YES NO

X. Do any locations within the proposed discharge site contain biologically unique or sensitive natural communities?

YES NO

XI. Does the discharge have the potential to cause a substantial adverse change in the significance of a historical or archeological resource (CCR Section 15064.5), directly or indirectly destroy a unique paleontological resource or site or unique geologic feature, or disturb any human remains?

YES NO

XII. Is the proposed discharge site located on unstable geologic units/soils or expansive soils?

YES NO

XIII. Is the proposed discharge site located on a hazardous materials site, as defined by Government Code Section 65962.5?

YES NO

XIV. Does the proposed discharge have the potential to substantially alter the existing drainage pattern of the discharge site?

YES NO

XV. Does the proposed discharge have the potential to significantly physically divide an established community, significantly conflict with any applicable land use plan/policy/regulation of an agency with jurisdiction over the project, or conflict with any applicable habitat/community conservation plan?

YES NO

XVI. California Environmental Quality Act (CEQA) (If any other public agency has required the project to comply with CEQA, dischargers must submit evidence of CEQA compliance to be eligible for coverage under these General WDRs).

a. Name of Lead Agency: _____

b. Has a public agency determined that the proposed project is exempt from CEQA?

YES NO

Basis for Exemption/Agency: _____

c. Has a "Notice of Determination" been filed under CEQA?

YES NO

If yes, enclose a copy of the CEQA document, Environmental Impact Report (EIR), or Negative Declaration. If no, identify the expected type of CEQA document and expected date of completion:

d. EIR Negative Declaration expected CEQA completion date: _____

e. Expected CEQA documents: _____

Please submit the following with the Notice of Intent to the appropriate Regional Water Quality Control Board:

- a. Project map
- b. Evidence of compliance with the CEQA, if any other public agency has required the project to comply with CEQA
- c. First annual fee as described in Finding No. 6
- d. A DMP, as described in Provision C.6

XVII. CERTIFICATION

<p>"I certify under penalty of law that this document and all attachments were prepared under my direction and supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. In addition, I certify that the provisions of the General WDRs, including the criteria for eligibility, will be complied with."</p>	
Signature of Owner/Operator	Title
Printed or Typed Name	Date
Signature of Property Owner	Title
Printed or Typed Name	Date
Signature of Site Operator/Manager	Title
Printed or Typed Name	Date

State Water Resources Control Board

NOTICE OF TERMINATION
TO COMPLY WITH THE TERMS OF WATER QUALITY ORDER NO. 2003-0003-DWQ
STATEWIDE GENERAL WASTE DISCHARGE REQUIREMENTS
FOR DISCHARGES TO LAND WITH A LOW THREAT TO WATER QUALITY

WDID # _____

I. Property Owner

Name				
Mailing Address				
City	County	State	Zip	Phone
Contact Person				

II. Facility Owner

Name				
Mailing Address				
City	County	State	Zip	Phone
Contact Person				

III. Site Location

Street (including address, if any)
Nearest Cross Street(s)
County:

IV. CERTIFICATION

<p>"I certify under penalty of law that this document and all attachments were prepared under my direction and supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment."</p>	
Signature of Facility Owner	Title
Printed or Typed Name	Date
Signature of Property Owner	Title
Printed or Typed Name	Date

STATE USE ONLY

WDID: □□□□□□□□□□	Regional Board Office: □□	Date NOT Received: _____	Date NOT Processed: _____
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STATE WATER RESOURCES CONTROL BOARD
MONITORING AND REPORTING PROGRAM FOR
WATER QUALITY ORDER NO. 2003-0003-DWQ
STATEWIDE GENERAL WASTE DISCHARGE REQUIREMENTS FOR
DISCHARGES TO LAND WITH A LOW THREAT TO WATER QUALITY

A. MONITORING PROVISIONS:

1. Unless otherwise approved by the appropriate Regional Water Quality Control Board (Regional Board) Executive Officer, all analyses shall be conducted at a laboratory certified for such analyses by the California Department of Health Services. All analyses shall be conducted in accordance with the latest edition of "Guidelines Establishing Test Procedures for Analysis of Pollutants," promulgated by the U.S. Environmental Protection Agency (USEPA).
2. If the Discharger monitors any constituent more frequently than required by the General WDRs, the monitoring results shall be submitted.
3. The Discharger shall retain records of all monitoring information including all calibration and maintenance records, copies of all reports required by these General WDRs, and records of all data used to complete the application for these General WDRs. Records shall be maintained for a minimum of three years from the date of the sample, measurement, or report. This period may be extended during the course of any unresolved litigation regarding this discharge or when requested by the appropriate Regional Board Executive Officer.
4. Records of monitoring information shall include the following:
 - a. The date, exact place, and time of sampling or measurements,
 - b. The individual(s) who performed the sampling or measurements,
 - c. The date(s) analyses were performed,
 - d. The individual(s) who performed the analyses,
 - e. The analytical techniques or method used, and
 - f. The results of such analyses.
5. All monitoring instruments and devices that are used by the Discharger to fulfill the prescribed monitoring program shall be properly maintained and calibrated as necessary to ensure their continued accuracy.

B. DISCHARGE MONITORING:

1. Wells/boring waste and clear water dischargers shall submit the following information before initiation of discharge at a new site: (a) discharge site address and (b) discharge site latitude and longitude (if known).
2. Monitoring requirements for each discharge category are listed in Table 2. This monitoring program may be modified by the Regional Board Executive Officer.

Table 2. Monitoring Requirements Specific for each Discharge Category

CATEGORY	CONSTITUENTS	FREQUENCY
Wells/Boring Waste		
Water Well Development Discharge		
Monitoring Well Purge Water Discharge	Constituents that the monitoring well is used to monitor	Consistent with the frequency of groundwater monitoring
Boring Waste Discharge		
Clear Water Discharges		
Water Main/Water Storage Tank/Water Hydrant Flushing	Approximate volume (gal) at each discharge location and date of each discharge	Semiannually
Pipelines/Tank Hydrostatic Testing Discharge	Approximate volume (gal) at each discharge location and date of each discharge	Semiannually
Commercial and Public Swimming Pools		
Small Dewatering Projects		
Small /Temporary Dewatering Projects (such as excavations during construction)		
Miscellaneous		
Small Inert Solid Waste Disposal Operations	Approximate yd. ³ /day accepted by the site	Semiannually
Evaporative Cooling Water		

C. REPORT SCHEDULE:

Monitoring reports shall be submitted to the Regional Board Executive Officer in accordance with the following schedule:

<u>Reporting Frequency</u>	<u>Report Period</u>	<u>Report Due</u>
Quarterly	January-March	May 15
	April-June	August 15
	July-September	November 15
	October-December	February 15
Semiannually	January-June	August 15
	July-December	February 15

**ATTACHMENT 3
TO WQ ORDER
NO. 2003-0003-DWQ**

State of California
State Water Resources Control Board

**NOTICE OF INTENT
TO COMPLY WITH THE TERMS OF WATER QUALITY ORDER NO. 2003-0003-DWQ
STATEWIDE GENERAL WASTE DISCHARGE REQUIREMENTS (WDRs)
FOR DISCHARGES TO LAND WITH A LOW THREAT TO WATER QUALITY**

Mark Only One Item	1. <input checked="" type="checkbox"/> New Discharge 2. <input type="checkbox"/> Change of Information-WDID # _____
--------------------	--

I. Property Owner

Name Vintage Production California LLC - CA Heavy Oil				
Mailing Address 9600 Ming Avenue, Suite 300				
City Bakersfield	County Kern County	State CA	Zip 93311	Phone (661) 412-5279
Contact Person Anibal Araya				

II. Facility Owner

Name Vintage Production California LLC - CA Heavy Oil				
Mailing Address 9600 Ming Avenue, Suite 300				
City Bakersfield	County Kern County	State CA	Zip 93311	Phone (661) 412-5279
Contact Person Anibal Araya				

III. Billing Address

Name Vintage Production California LLC - CA Heavy Oil				
Mailing Address 9600 Ming Avenue, Suite 300				
City Bakersfield	County Kern County	State CA	Zip 93311	Phone (661) 412-5279
Contact Person Anibal Araya				

STATE USE ONLY

WDID: 0000000000	Regional Board Office: 09 5F	Date NOI Received: 31 Oct 2014	
		Check #: 65723	

IV. Site Operator:

Name Vintage Production California LLC - CA Heavy Oil				
Mailing Address 9600 Ming Avenue, Suite 300				
City Bakersfield	County Kern County	State CA	Zip 93311	Phone (661) 412-5279
Contact Person Anibal Araya				

V. Site Location

Street (including address, if any) Nearest unincorporated city: Derby Acres, CA 93224	
Nearest Cross Street(s) Highway 33 & Shale Road	
County: Kern County	Total Size of Site (acres):
Township/Range/Section B&M (See attached Project Map) T <u>31S</u> , R <u>22E</u> , Section <u>24</u>	
Latitude/Longitude (From Center): _____ Deg. _____ Min. _____ Sec. N. _____ Deg. _____ Min. _____ Sec. W	
(Multiple locations within the field; latitude and longitude is presented for proposed drilling sites provided in Attachment C. Attach a map of at least 1:24000 (1" = 2000") showing the proposed application site (e.g., USGS 7.5" topographic map).	

VI. Discharge Information

Subject	Notes
Low Threat Discharge Category: Wells/Boring Waste, specifically Boring Waste Discharge	See Table I of General Order 2003-0003-DWQ
Description of Operations:	
Approximate Volume of Discharge (for liquid discharges), or Flowrate: <input checked="" type="checkbox"/> Intermittent Discharge <input type="checkbox"/> Continuous Discharge	Gal/day, gal
Pollutants/Constituents Present in the Discharge and their Approximate Concentration*: See MSDS Attachment D Product List	Mg/L
Land Use Zone: Zone A-1: Light Agriculture	
Adjacent Land Use Zones: Zone A-1: Light Agriculture	

Attach additional pages to characterize the discharge if necessary.

VII. Does the proposed discharge have the potential to adversely impact a scenic vista, substantially damage scenic resources within a state scenic highway, or substantially degrade the existing visual character/quality of the discharge site/surroundings?
 YES NO

VIII. Would the proposed discharge conflict with existing zoning for agricultural use or a Williamson Act contract?
 YES NO

IX. Does the proposed discharge have the potential to significantly impact an applicable air quality plan, significantly violate any air quality standard or contribute to an existing violation, result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard, or significantly expose sensitive receptors to substantial pollutant concentrations?
 YES NO

X. Do any locations within the proposed discharge site contain biologically unique or sensitive natural communities?
 YES NO

XI. Does the discharge have the potential to cause a substantial adverse change in the significance of a historical or archeological resource (CCR Section 15064.5), directly or indirectly destroy a unique paleontological resource or site or unique geologic feature, or disturb any human remains?
 YES NO

XII. Is the proposed discharge site located on unstable geologic units/soils or expansive soils?
 YES NO

XIII. Is the proposed discharge site located on a hazardous materials site, as defined by Government Code Section 65962.5?
 YES NO

XIV. Does the proposed discharge have the potential to substantially alter the existing drainage pattern of the discharge site?
 YES NO

XV. Does the proposed discharge have the potential to significantly physically divide an established community, significantly conflict with any applicable land use plan/policy/regulation of an agency with jurisdiction over the project, or conflict with any applicable habitat/community conservation plan?
 YES NO

XVI. California Environmental Quality Act (CEQA) (If any other public agency has required the project to comply with CEQA, dischargers must submit evidence of CEQA compliance to be eligible for coverage under these General WDRs).

a. Name of Lead Agency: Division of Oil, Gas, and Geothermal Resources (DOGGR) (Notice of Intent to Drill)

b. Has a public agency determined that the proposed project is exempt from CEQA?
 YES NO DOGGR Notice of Intent to Drill pending, to be submitted at the time of application to DOGGR

Basis for Exemption/Agency: Ministerial Permit

c. Has a "Notice of Determination" been filed under CEQA?
 YES NO

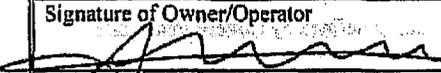
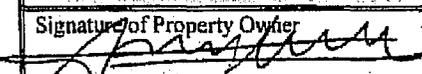
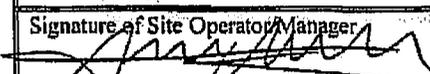
If yes, enclose a copy of the CEQA document, Environmental Impact Report (EIR), or Negative Declaration. If no, identify the expected type of CEQA document and expected date of completion.

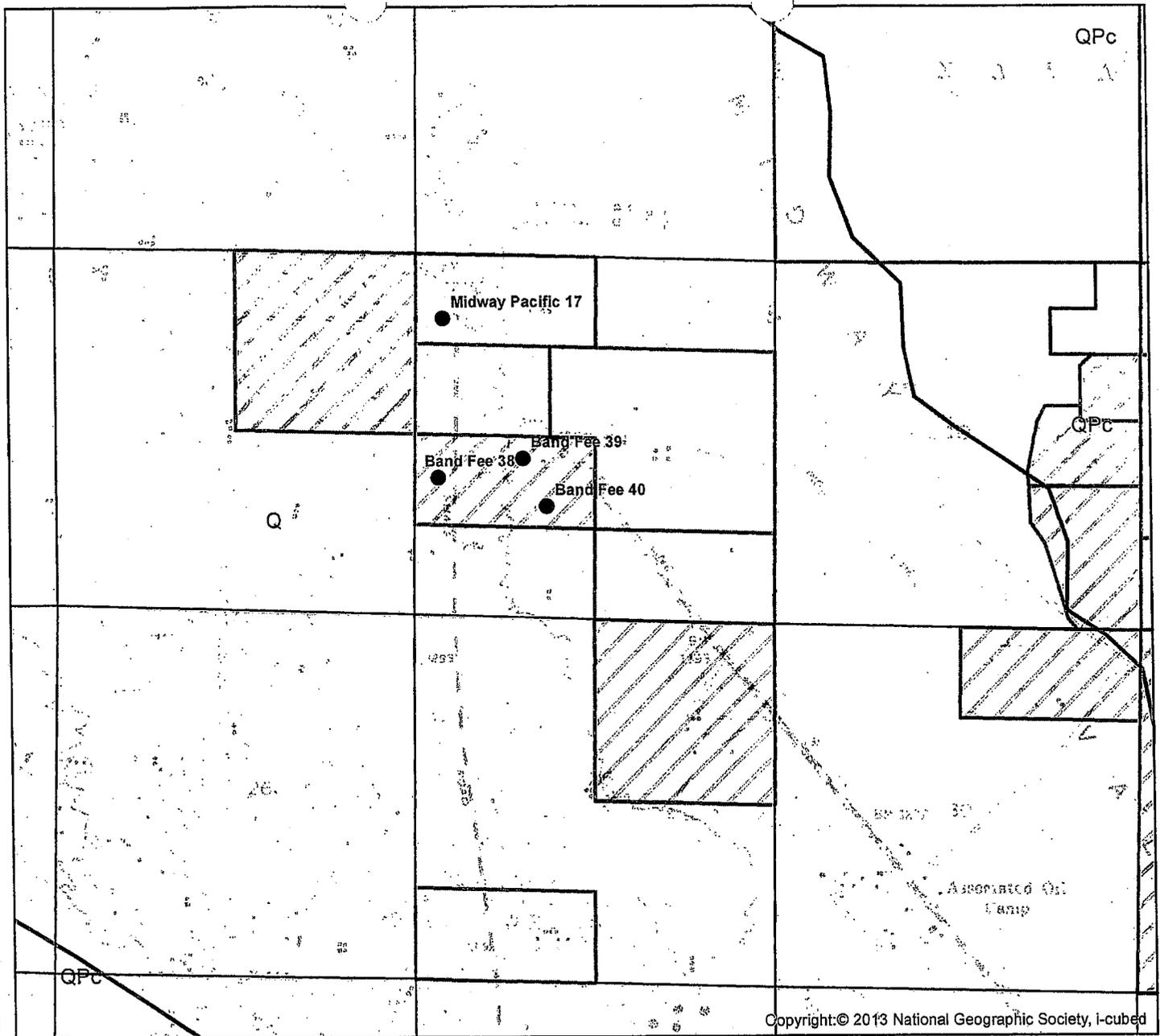
- d. EIR Negative Declaration expected CEQA completion date: N/A
- e. Expected CEQA documents: N/A

Please submit the following with the Notice of Intent to the appropriate Regional Water Quality Control Board:

- a. Project map
- b. Evidence of compliance with the CEQA, if any other public agency has required the project to comply with CEQA
- c. First annual fee as described in Finding No. 6
- d. A DMP, as described in Provision C.6

XVII. CERTIFICATION

<p>"I certify under penalty of law that this document and all attachments were prepared under my direction and supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. In addition, I certify that the provisions of the General WDRs, including the criteria for eligibility, will be complied with."</p>	
Signature of Owner/Operator	Title
	Operations Manager
Printed or Typed Name	Date
Anibal Araya	October 30, 2014
Signature of Property Owner	Title
	Operations Manager
Printed or Typed Name	Date
Anibal Araya	October 30, 2014
Signature of Site Operator/Manager	Title
	Operations Manager
Printed or Typed Name	Date
Anibal Araya	October 30, 2014



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Legend

- Proposed Well Locations
- ▭ Section Lines
- ▭ DOGG Productive Limits
- ▨ Active Fee Property
- ▭ Active Lease Property

Surficial Material

- Alluvium (Q)
- Sandstone (QPc)

**Midway Sunset Proposed Wells
w/ Surficial Materials
& Land Position**

