

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL VALLEY REGION

ORDER R5-2013-XXXX

WASTE DISCHARGE REQUIREMENTS
FOR

EXXONMOBIL PRODUCTION COMPANY
FOR
POST-CLOSURE MAINTENANCE AND CORRECTIVE ACTION
HILL LEASE SURFACE IMPOUNDMENTS
SOUTH BELRIDGE OIL FIELD, KERN COUNTY

The California Regional Water Quality Control Board, Central Valley Region (hereafter Central Valley Water Board) finds that:

1. ExxonMobil Production Company (hereafter Discharger), a subsidiary of ExxonMobil Corporation organized under the laws of the State of New Jersey, owns and maintains the former Hill Lease (hereafter Lease) surface impoundments (facility) in the South Belridge Oil Field. The facility included four individual unlined pond cells on the Hill Lease in the NW1/4 of Section 19, T28S, R21E, MDB&M.
2. The Lease is approximately 480 acres in size and includes Assessor Parcel Number 085-210-10-2. The former impoundments covered approximately 17½ acres. The Lease is shown on Attachment A and the facility on Attachment B, which are attached to and made part of this Order.
3. Non-hazardous oilfield production wastewater from the Discharger's oil production wells and filter backwash water from the Discharger's water treatment plant, were discharged to the facility for disposal by evaporation and percolation. Disposal occurred from the 1950's until December 2006.
4. On 4 June 2004, the Central Valley Water Board adopted Waste Discharge Requirements (WDRs) Order No. R5-2004-0080 which included a Monitoring and Reporting Program and a time schedule for closure. The WDRs classified the facility as Class II surface impoundments in accordance with California Code of Regulations (CCR), title 27, section 20090(b).
5. On 23 June 2006, the Central Valley Water Board adopted Cease and Desist Order No. R5-2006-0064 extending the compliance dates to: (a) complete the treatment plant improvements and cease wastewater discharge to the impoundments; and, (b) submit a report describing the results and conclusions of the hydrogeologic investigation and including a groundwater corrective action plan.
6. The Discharger submitted a Closure Plan on 6 March 2008. In correspondence dated 15 May 2008, Central Valley Water Board staff concurred with the proposed closure plan and requested submittal of additional information. The Discharger submitted the additional information in correspondence dated 6 June 2008, 11 July 2008, and 24 December 2008.
7. On 13 August 2009, Cease and Desist Order No. R5-2006-0064 was rescinded by the Central Valley Water Board.

8. This Order describes requirements for post-closure maintenance and monitoring of the closed impoundments and a groundwater corrective action and monitoring program.

SITE DESCRIPTION

9. The South Belridge Oil Field is on the west side of the San Joaquin Valley, approximately 45 miles west-northwest of Bakersfield, in Kern County.
10. The field is on the Antelope Plain, an alluvial piedmont with coalescing alluvial fans from the Temblor Range to the west. The region slopes east towards the San Joaquin Valley.
11. The land on the Hill Lease is used exclusively for oil and gas production. Adjacent land to the north, south, and east is used for oil and gas production.
12. Adjacent land to the west is primarily used as a commercial oilfield disposal facility permitted by Kern County. Non-hazardous oilfield production wastewater is injected at the facility into Class II disposal wells permitted by the California Division of Oil, Gas, and Geothermal Resources (CDOGGR). Solids temporarily stockpiled on concrete drying pads at the facility are transported to permitted landfills.
13. The Lease is in the South Valley Floor Hydrologic Unit, Antelope Plain Hydrologic Area (No. 558.60), as depicted on interagency hydrogeologic maps, prepared by the Department of Water Resources in August 1986.
14. The climate in the area is semi-arid, with hot, dry summers and cool winters. Weather data through 1997 from a monitoring station at South Belridge indicates the average annual precipitation is 5.96 inches. The annual Class A pan evaporation rate is approximately 108 inches at Lost Hills.
15. At the former impoundments, the 100-year, 24-hour precipitation event from Figure 43 in the *Precipitation Frequency Atlas of Western United States*, Volume XI-California published by the United States Department of Commerce, National Oceanic and Atmospheric Administration, is about 2.1 inches.
16. Federal Emergency Management Agency Flood Insurance Rate Map, Community Panel Number 06029C1675E, dated 26 September 2008, shows the north edge of the closed impoundments is within the 100-year floodplain.
17. The Lease is in the Kern County Basin Hydrologic Unit, Detailed Analysis Unit 259. The designated beneficial uses of the groundwater, as specified in the Basin Plan, are municipal and domestic supply (MUN), agricultural supply (AGR), and industrial service supply (IND).
18. No known Holocene faults traverse or are projected through the area. The nearest Holocene fault is the San Andreas Fault zone, located 22 miles southwest of the site.

SURFACE WATER AND GROUNDWATER CONDITIONS

19. *The Water Quality Control Plan for the Tulare Lake Basin, Second Edition*, revised January 2004, (Basin Plan), designates beneficial uses of the waters of the State and establishes water quality objectives and implementation plans and policies for all waters of the Basin.
20. An unnamed intermittent stream channel traverses the Lease immediately to the north of the facility and terminates approximately 1½ miles to the east in the vicinity of Highway 33. Natural flow in the channel occurs during infrequent storm events.
21. At the Lease and adjoining section to the north the stratigraphy consists of the following geologic units. The youngest unit is Alluvium consisting of alternating sand, silt, and clay. Within and at the base of the Alluvium is a sand layer designated as the 22K Sand. Above the 22K Sand is the Alluvial Clay. Below the 22K Sand is the Corcoran Clay Equivalent (CCE), which was unconformably deposited on the underlying Tulare Formation of Pleistocene age. The stratigraphy is shown on Attachment C, which is attached to and made part of this Order.
22. No drinking water wells are within one mile of the facility. The nearest water supply wells are in unincorporated Spicer City about 8½ miles east-northeast of the facility. The nearest agricultural supply well is about seven miles east-southeast of the facility.
23. Groundwater is present in the Tulare Formation, 22K Sand, and overlying Alluvium as shallow perched groundwater, and part of a regional aquifer system. The regional aquifer system is unconfined to semi-confined above the CCE, and confined below the CCE.

GROUNDWATER MONITORING

24. The groundwater monitoring program currently consists of nine monitoring wells constructed in the Alluvium and one well, MW-A, constructed in both the Alluvium and 22K Sand. Wells MW-1, MW-2, and MW-A were installed in 2002. Wells MW-4, MW-5, MW-7, MW-8, and MW-9 were installed in 2003. Wells MW-10 and MW-11 were installed in 2006. The well locations are shown on Attachment B.
25. The Discharger submitted information stating that in 2007 the groundwater flow direction in the Alluvium was to the northeast, at a gradient of 0.018 feet/foot or about 95 feet per mile. The Discharger submitted information stating that in 2012 the gradient decreased to 0.017 feet/foot or about 90 feet per mile.
26. The Discharger submitted information stating that in February 2007, two months after the discharge of wastewater to the former impoundments ceased, the groundwater elevation in monitoring well MW-1 was 493.13 feet above mean sea level (AMSL). The groundwater elevation in MW-1 has steadily decreased since 2007 to 474.49 feet AMSL in 2012, indicating the height of the wastewater mound beneath the former impoundments is decreasing.

GROUNDWATER DEGRADATION

27. The Discharger completed an Evaluation Monitoring Program (EMP) and determined that wastewater migrated from the impoundments and impacted groundwater in the Alluvium and

the 22K Sand. Since 2010, groundwater in monitoring well MW-4 has shown increasing Total Dissolved Solids (TDS), chloride, and boron concentrations (the constituents of concern, COCs) and an increasing enrichment of the heavier oxygen-18 and deuterium isotopes indicating wastewater is impacting groundwater in the Alluvium at MW-4.

28. Impacted groundwater is enriched with the isotopes of oxygen-18 and deuterium and has elevated concentrations of total alkalinity, specific electrical conductance (EC), TDS, sodium, chloride, and boron.
29. Groundwater monitoring wells were sampled from 2002 through 2012 with concentration ranges for the COCs as shown in Table 1:

TABLE 1

Well	Constituent	Analytical Result Range (mg/L)
MW-1	TDS	14,000 – 20,000
	Chloride	5,900 – 11,000
	Boron	35 – 60.3
MW-2	TDS	14,700 – 21,000
	Chloride	7,700 – 10,000
	Boron	8 – 50
MW-A	TDS	5,260 – 8,060
	Chloride	1,300 – 3,600
	Boron	1.9 – 3.9
MW-4	TDS	4,710 – 9,800
	Chloride	1,700 – 3,800
	Boron	4.2 – 13.6
MW-5	TDS	13,000 – 19,200
	Chloride	6,400 – 10,000
	Boron	33 – 68
MW-7	TDS	7,560 – 11,600
	Chloride	3,600 – 6,100
	Boron	27.5 – 50
MW-8	TDS	3,380 – 11,400
	Chloride	820 – 4,500
	Boron	2.4 – 4.69
MW-9	TDS	16,000 – 20,000
	Chloride	7,900 – 13,000
	Boron	39.6 – 61

MW-10	TDS	3,140 – 4,680
Sentinel Well	Chloride	680 – 940
	Boron	2.88 – 6.26
MW-11	TDS	2,820 – 4,160
Sentinel Well	Chloride	150 – 230
	Boron	3.09 – 4.39

30. The analytical results in Table 1 indicate groundwater in the Alluvium is impacted by wastewater from the impoundments in all wells except sentinel wells MW-10 and MW-11. Groundwater in the 22K Sand is impacted by wastewater from the impoundments in well MW-A.
31. The lateral extent of wastewater migration from the former impoundments in the Alluvium extends downgradient and to the northeast of monitoring well MW-4 (Attachment C). Wastewater beneath the former impoundments has migrated below the Alluvium and into the 22K Sand, but the lateral extent did not reach boring B-1 in 2002 (Attachment C).

CLOSURE

32. Between August 2009 and July 2011, the Discharger closed the impoundments with some residual waste remaining in place beneath an engineered cover soil. Closure activities included excavation of waste, confirmation soil sampling, construction of at least one foot of foundation backfill, a minimum one foot of soil as final cover, irrigation of cover soil with fresh water to leach mineral salts in the top 12-inches, and submittal of a Closure Certification Report.
33. The Closure Certification Report (Report), dated 21 June 2012, contained all Construction Quality Assurance data. The Report included cover soil testing results demonstrating the effectiveness of irrigation to leach mineral salts in the top 12 inches of cover soil. The Report certified that the impoundments were closed in accordance with the approved closure plan and addendums.
34. In correspondence dated 28 January 2013, Central Valley Water Board staff determined the Discharger completed closure of the impoundments in accordance with the approved closure plan and addendums.

POST- CLOSURE MAINTENANCE AND MONITORING

35. The Report included a facility Post-Closure Maintenance and Monitoring Plan. Post-closure maintenance and monitoring activities proposed by the Discharger include: (a) an annual inspection of the condition of the cover soil prior to the rainy season but no later than 30 September; (b) mapping and repairing by 31 October of any depressions, cracks, erosion channels, or other visible damage; (d) annual monitoring of the moisture content in the cover soil to confirm the previous vadose zone model result; (e) annual monitoring of groundwater in 10 monitoring wells for the constituents listed in section 7.2.2.3 of the Plan; and (f) submittal of an annual report documenting the results of post-closure maintenance and monitoring activities.

36. In correspondence dated 5 March 2013, the Discharger proposed post-closure groundwater monitoring in six wells, MW-1, MW-4, MW-8, MW-9, MW-10 and MW-11. Central Valley Water Board staff concurs that post-closure groundwater monitoring can be conducted in the wells listed in section A.1 of the attached Monitoring and Reporting Program (MRP).

CORRECTIVE ACTION PROGRAM

37. The Discharger submitted a groundwater Corrective Action Plan in 2007. Two corrective action alternatives were proposed: no further action and monitored natural attenuation (MNA). The Corrective Action Plan evaluated the alternatives and selected MNA as the preferred alternative.
38. In correspondence dated 19 December 2009, Central Valley Water Board staff required the Discharger to submit an addendum to the groundwater Corrective Action Plan to evaluate groundwater containment/extraction and treatment as a third corrective action alternative.
39. In February 2010, the Discharger submitted an addendum to the Corrective Action Plan that evaluated groundwater containment/extraction and treatment and concluded that MNA remained the appropriate corrective action alternative.
40. In correspondence dated 18 March 2010, Central Valley Water Board staff concurred that MNA is the appropriate corrective action alternative because: (a) the discharge of wastewater to the ponds had ceased; (b) the COCs concentrations in groundwater appeared stable; (c) corrective action alternatives other than MNA are not economically feasible; and, (d) MNA would achieve the long-term goal of limiting the extent and concentration of the COCs in groundwater. The correspondence also stated that the Discharger needed to continue monitoring groundwater until Central Valley Water Board staff determines the COCs have decreased to background concentrations or that background concentrations cannot be technologically or economically achieved.
41. Until 2010, groundwater monitoring data indicated the downgradient extent of the COCs exhibited consistent concentrations; however, recent data indicates an increase in the COCs, and the downgradient extent of the COCs no longer appears stable. The WDRs require the Discharger to submit a work plan to further delineate the extent and stability of the COCs in groundwater, and to submit an updated groundwater corrective action plan to determine whether MNA is still an appropriate corrective action. If MNA is no longer appropriate, the Discharger will need to consider additional corrective action measures.
42. The Discharger is required to collect and analyze groundwater samples annually for those constituents listed in Table I in the MRP.

CEQA AND OTHER REGULATORY CONSIDERATIONS

43. The action to adopt waste discharge requirements for this existing facility is exempt from the provisions of the California Environmental Quality Act (CEQA), Public Resources Code, section 21000, et seq., and the CEQA guidelines, in accordance with Title 14, section 15301.

44. California Water Code section 13267(b)(1) states that: *“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... 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.”*
45. This Order implements:
- a. *The Water Quality Control Plan for the Tulare Lake Basin, Second Edition (Revised 2004)*; and,
 - b. The performance goals in Title 27 for the closure and post-closure of Class II surface impoundments.
46. Based on site conditions, the threat and complexity of the discharge, the facility is determined to be classified 3B as defined below:
- a. Category 3 threat to water quality, defined as: “Those discharges of waste that could degrade water quality without violating water quality objectives, or could cause a minor impairment of designated beneficial uses as compared with Category 1 and Category 2.”
 - b. Category B complexity, defined as: “Any discharger not included in Category A that has physical, chemical, or biological treatment system, or any Class 2 or Class 3 waste management units.”
47. Technical reports required by this Order and the attached MRP, are necessary to ensure compliance with the WDRs. The Discharger owns the facility that is subject to this Order.

PROCEDURAL REQUIREMENTS

48. All local agencies with jurisdiction to regulate land use, solid waste disposal, air pollution, and to protect public health have approved the use of this site for the discharges of waste to land stated herein prior to closure.
49. The Central Valley Water Board notified the Discharger, and interested agencies and persons of its intent to prescribe WDRs for the facility, and has provided them with an opportunity for a public hearing and an opportunity to submit their written views and recommendations.
50. The Central Valley Water Board, in a public meeting, heard and considered all comments pertaining to the proposed WDRs.

IT IS HEREBY ORDERED, pursuant to the California Water Code sections 13263 and 13267, that Order No. R5-2004-0080 is rescinded, and that ExxonMobil Production Company, its agents, successors, and assigns, in order to meet the provisions of Division 7 of the California Water Code and the regulations adopted thereunder, shall comply with the following:

A. PROHIBITIONS

1. The discharge to land of any type of solid or liquid waste at this facility is prohibited.

B. FACILITY SPECIFICATIONS

1. The Discharger shall immediately notify the Central Valley Water Board of any flooding, unauthorized discharge of waste, or other change in site conditions which could impair the integrity of the cover at the facility.
2. The Discharger shall maintain in good working order any monitoring device installed to achieve compliance with this Order.

C. POSTCLOSURE MAINTENANCE AND MONITORING SPECIFICATIONS

1. The facility shall be maintained during post-closure to prevent a pollution or nuisance as defined by the Water Code, section 13050.
2. The closure cover shall be maintained to prevent ponding and minimize erosion. Excessive animal burrows and other defects that could compromise the integrity of the cover shall be repaired.
3. Precipitation and drainage control systems shall be maintained to accommodate the anticipated peak flow volume of surface runoff from the 100-year, 24-hour precipitation event.
4. Annually, prior to the anticipated rainy season, any necessary erosion control measures shall be implemented, and any necessary construction, maintenance, or repairs of precipitation and drainage control facilities shall be completed to prevent erosion or flooding.
5. The Discharger shall monitor the final cover soil in accordance with the post closure maintenance and monitoring plan in the Closure Certification Report and Monitoring and Reporting Program (MRP) R5-2013-XXXX.

D. CORRECTIVE ACTION PROGRAM SPECIFICATIONS

1. The Discharger shall comply with the Corrective Action Program provisions of Title 27 for groundwater monitoring in accordance with MRP R5-2013-XXXX.
2. The Discharger shall collect and analyze groundwater samples from the corrective action monitoring wells and submit the analytical data in accordance with the sampling and reporting frequency in MRP R5-2013-XXXX.

3. The Discharger shall provide Central Valley Water Board staff a minimum of **five days** notification prior to commencing any field activities related to the installation, repair, or abandonment of monitoring wells or the collection of samples associated with the Corrective Action Program.
4. The samples collected from all monitoring wells for a given reporting period shall be taken **within a span not to exceed 30 days**, unless the Executive Officer approves a longer time period, and shall be taken in a manner that ensures sample independence to the greatest extent feasible.
5. Specific methods of collection and analysis must be identified. Sample collection, storage, and analysis shall be performed according to the most recent version of United States Environmental Protection Agency (USEPA) Methods and/or Standard Methods, such as the latest editions, as applicable, of: (1) *Test Methods for Evaluating Solid Waste* (SW-846 latest edition), and (2) *Methods for Chemical Analysis of Water and Wastes* and in accordance with an approved revised Sampling and Analysis Plan.
6. If methods other than USEPA approved methods or Standard Methods are used, the methodology shall be submitted for review by Central Valley Water Board staff prior to use.
7. The methods of analysis and the detection limits used must be appropriate for the expected concentrations. For the monitoring of any constituent or parameter that is found in concentrations which produce more than 90 percent non-numerical determinations (i.e., "trace" or "ND") in data for that medium, the analytical method having the lowest method detection limit (MDL) shall be selected from among those methods which would provide valid results considering any matrix effects or interferences.

E. PROVISIONS

1. The Discharger shall comply with the attached MRP R5-2013-XXXX, which is part of this Order, and any revisions thereto as ordered by the Executive Officer.
2. The Discharger shall comply with those applicable sections of the *Standard Provisions and Reporting Requirements for Waste Discharge Requirements for Discharges Regulated by Title 27 Industrial Facilities* (Standard Provisions) dated September 2003, which are attached to, and by reference, a part of this Order. To the extent that the Standard Provisions are inconsistent with any terms, conditions, or requirements in this Order, this Order shall govern.
3. **By 2 August 2013**, the Discharger shall submit for review and approval by Central Valley Water Board staff a *Facility Post-Closure Maintenance and Monitoring Plan* that is consistent with the requirements of this Order and contains a Cover Integrity Monitoring and Maintenance Program and Cover Moisture Monitoring Program. The Plan shall be implemented for a minimum period of 30 years or until it can be determined that the waste no longer poses a threat to the environment, whichever is greater.

4. **By 2 August 2013**, the Discharger shall submit for review and approval by Central Valley Water Board staff a revised *Sampling and Analysis Plan* and a *Water Quality Monitoring Plan* (WQMP) that are consistent with the requirements of this Order.
 - a) The WQMP shall propose additional characterization of groundwater in the Alluvium immediately above the Alluvial Clay downgradient from sentinel well MW-4. Additional sentinel well(s) shall become part of the MRP.
 - b) The WQMP shall propose non-statistical and/or statistical data analysis method(s) to evaluate the groundwater monitoring data and assess the current corrective action plan.
5. **Within one year** following completion of the additional groundwater characterization as proposed in the approved WQMP, the Discharger shall submit an updated Groundwater Corrective Action Plan that determines whether monitored natural attenuation continues to be the appropriate corrective action, or proposes additional corrective action measures and a time schedule.
6. **Within one year** following completion of the additional groundwater characterization as proposed in the approved WQMP, the Discharger shall propose a concentration limit for each of the COCs. The concentration limits shall be proposed in accordance with section 20400 of Title 27.
7. **Within 60 days** after a determination by Central Valley Water Board staff that monitored natural attenuation is not an appropriate corrective action measure, the Discharger shall submit a report proposing modifications to the MRP and the Corrective Action Program.
8. **Within 120 days** after approval by Central Valley Water Board staff of the Discharger's proposed modifications to the MRP and the Corrective Action Program, the Discharger shall implement the approved modifications.
9. **By 2 December 2013**, the Discharger shall submit financial assurance mechanism(s) containing estimates for costs for post-closure maintenance and monitoring. The Discharger shall conduct an annual review of the estimates and submit a report for Executive Officer review and approval by 31 January of each year. The Discharger shall adjust the cost annually to account for inflation and any changes in the facility, etc. The document shall describe the financial assurances in the form of an irrevocable fund or other mechanism(s) that the Discharger has created, with the Central Valley Water Board named as the beneficiary, to ensure that funds are available for the post-closure maintenance and the corrective action and other monitoring of the closed facility.
10. The Discharger shall comply with all notice and reporting requirements of the State Department of Water Resources with regard to the construction, alteration, destruction, or decommissioning of all monitoring wells as required by Water Code sections 13750 through 13755.

11. In the event of any change in control or ownership of the facility, the Discharger shall notify the succeeding owner or operator of the existence of this Order by letter, a copy of which shall also be forwarded to this office, at least 14 days in advance of the change in control or ownership.
12. To assume ownership or operation of the facility under this Order, the succeeding owner or operator must apply in writing to the Central Valley Water Board requesting transfer of the Order within 14 days of assuming ownership or operation of the facility. The request must contain the requesting entity's full legal name, the State of incorporation if a corporation, the name, address, and telephone number of the persons responsible for contact with the Central Valley Water Board, and a statement that the new owner or operator assumes full responsibility for compliance with this Order. The request must comply with the signatory requirements of this Order. Failure to submit the request shall be considered a discharge without requirements, which is a violation of the Water Code. Transfer of this Order to a succeeding owner or operator shall be approved or disapproved by the Central Valley Water Board.
13. The Discharger shall maintain a copy of this Order and make it available at all times to facility operating personnel, who shall be familiar with its contents, and to regulatory agency personnel upon request.
14. The Central Valley Water Board will review this Order periodically and will revise these requirements when necessary.
15. The Discharger may be required to submit technical reports as directed by the Executive Officer as provided for in Water Code section 13267.
16. Technical reports and plans are to be prepared by or under the direction of and signed and certified by the appropriate registered professional, which may be a Registered Geologist, Registered Civil Engineer, Certified Engineering Geologist, or Certified Hydrogeologist. All registered professionals must be licensed by the State of California.
17. This Order does not authorize violation of any federal, state, or local laws or regulations.

If, in the opinion of the Executive Officer, the Discharger fails to comply with the provisions of this 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.

Any person aggrieved by this action of the Central Valley Water Board may petition the State Water Resources Control Board (State Water Board) to review the action in accordance with Water Code

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FOR EXXONMOBIL PRODUCTION COMPANY
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section 13320 and CCR, Title 23, sections 2050 and following. The State Water Board must receive the petition by 5:00 p.m., 30 days after the date of this Order, except that if the thirtieth day following the date of the Order falls on a Saturday, Sunday, or state holiday, the petition must be received by the State Water Board by 5:00 p.m. on the next business day. Copies of the laws and regulations applicable to the filing of a petition are available at: http://www.waterboards.ca.gov/public_notices/petitions/water_quality.

I, PAMELA C. CREEDON, Executive Officer, do hereby certify that the foregoing is a full, true, and correct copy of an Order adopted by the Central Valley Regional Water Quality Control Board on XX May 2013.

PAMELA C. CREEDON, Executive Officer