

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL COAST REGION
895 Aerovista, Suite 101
San Luis Obispo, California 93401**

**WASTE DISCHARGE REQUIREMENTS
ORDER NO. R3-2008-0062**

Waste Discharger Identification No. 3 351108231

For

**U.S. DEPARTMENT OF INTERIOR BUREAU OF LAND MANAGEMENT
VEHICLE WASH FACILITY
PAICINES, SAN BENITO COUNTY**

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

FACILITY OWNER AND LOCATION

1. The U.S. Department of Interior Bureau of Land Management (BLM) – Hollister Field Office (Discharger), 20 Hamilton Court, Hollister, California 95023, owns and operates a vehicle wash facility located at 7100 Coalinga Road, in an unincorporated area of Paicines, San Benito County, as shown in Attachment A.

PURPOSE OF ORDER

2. The primary purpose of this Order is to regulate the handling and disposal of vehicle wash wastewater and sludge to prevent water and soil contamination.

SITE/FACILITY DESCRIPTION

3. The vehicle wash facility is located approximately 15 miles west and outside the boundaries of the Clear Creek Management Area near the Atlas Asbestos Mine Superfund Site. The vehicle wash facility has been in operation for approximately 15 years and is used to decontaminate the Discharger's vehicles used at the Superfund Site. The vehicle wash facility consists of an office building, a mobile home, a shower trailer, a vehicle washrack with dedicated water tank, an aboveground 2,000 gallon fuel tank, a potable water well system within a pump house, a 5,000 gallon water tank, a liquefied petroleum gas tank, and a conventional septic tank/leach field system. The vehicle wash facility is open year round; activities that take place at the site are vehicle and equipment washing and storage.

Vehicles are washed after they have entered and exited the Clear Creek Management Area. Fluid from the washing activities collects in a sump and then flows through several clarifier tanks and finally into a subsurface leach field. Solid sludge material from the clarifier tanks is regularly removed and disposed of. The chemicals of concern in this solid waste material are primarily metals and asbestos-laden soils. Regular vehicle maintenance occurs off of the site; degreasing is not performed at the vehicle wash facility.

It takes approximately 10 to 15 minutes to rinse off any dust accumulated from the exterior of the BLM vehicles during the dry season. The average time to rinse off vehicles increases during the wet season to approximately 25 minutes but may be as much as 45 minutes to remove mud. The inner fenders and undercarriage are rinsed to remove any accumulated dust and mud. The policy for cleaning the inside of the vehicles is to vacuum all appropriate surfaces that collect any earth materials and then wipe down the interior using a damp cloth. This cloth is rinsed in a bucket of water that is later disposed of into the carwash sump. At no time is any soap used in the process. Material from the vacuum cleaner is placed in the sump and shipped off as asbestos containing material (hazardous waste). About 600 BLM vehicles washes occur per year on average at the vehicle wash facility, which requires approximately 60,000 gallons of water per year.

Discharge Type (Waste Classification)

4. The vehicle wash facility wastewater characteristics include concentrations of motor oil, volatile organic compounds, and metals. The vehicle wash wastewater is treated via a sediment interceptor, and clarifier tank system, which functions the same as an oil/water separator. The resulting wastes percolate through the vadose zone below the leach field.
5. The sludge characteristics include concentrations of motor oil, gasoline, and metals. Typically, the sludge waste is disposed of as a hazardous waste due to high concentration levels of asbestos.
6. Domestic wastewater is discharged to an onsite septic tank and subsurface leach field separate from the vehicle wash facility.

Design and Current Capacity

7. Sump: Runoff from the vehicle washing operations is collected in a sump installed below a concrete washing pad. The vehicle wash sump stays full to the level of the outfall of the sump drain, which is six-inches down from the top of the sump. The pipe leading from the sump to the clarifier is a four-inch Schedule 40 polyvinyl chloride pipe.

Clarifier: The below-ground clarifier tank is a pre-cast concrete, lined tank with a series of three permanent compartments. These compartments are designed to clarify the wastewater by allowing the water to flow from the bottom of the first compartment to stop floating substances from traveling through the tank, and from the top of the second compartment to allow any residual sediment to settle to the bottom. The last compartment has the outfall located just above the bottom of the tank, which allows wastewater to flow out of the tank at the rate it percolates through the leach field.

Leach Field: The leach field consists of a single, four-inch diameter perforated ABS pipe installed two feet below surface grade. The perforated pipe lies over a bed of gravel that extends 10 feet below the pipe. The piping is installed at no more than a one percent slope from its feed line from the clarifier and is approximately 60 feet in length.

Wastewater is not recycled. Sludge is disposed of at an offsite facility.

Geology

8. Soils directly beneath the leach field consist of silty gravel, gravelly sand, and gravel from 0 to 12 feet below grade surface.

Surface and Groundwater

9. Depth to groundwater is greater than 100-feet below grade surface. There are no known groundwater basins located directly beneath the vehicle wash facility property. The nearest

groundwater basin to the vehicle wash facility is the Hernandez Valley groundwater basin located approximately three miles northeast of the property.

10. A water supply well is located 85-feet upgradient of the leach field site. The well is screened at a depth greater than 100-feet below grade surface. Any effluent discharged from the vehicle wash facility will flow away from the direction of the water supply well and will not affect the well water.
11. An intermittent tributary to the San Benito River is located 50-feet downgradient from the leach field. Soils underneath the leach field allow wastewater to drain vertically with limited lateral movement.
12. The San Benito River is located 1,000 feet north of the vehicle wash facility and flows north toward the Hollister City area.

Proximity to Adjacent Property Owners

13. The vehicle wash facility is surrounded mostly by land owned by the Discharger consisting of forested areas and hilly terrain. It is bounded to the north by Coalinga Road.

MONITORING AND REPORTING PROGRAM (MRP)

14. The MRP requires Effluent Monitoring, Groundwater and Surface Monitoring, Sludge Disposal Reporting, and Disposal System Maintenance Reporting.
15. Monitoring reports are due semiannually in April and October of each year.

BASIN PLAN

16. The Regional Water Board has adopted the Water Quality Control Plan, Central Coast Basin (the Basin Plan) that designates beneficial uses, establishes water quality objectives, and contains implementation programs and policies to achieve those objectives for receiving waters within the Region.

Surface Waters

17. Pursuant to the Basin Plan, existing and potential beneficial uses of the San Benito River include:
 - a. Municipal and domestic supply
 - b. Agricultural supply
 - c. Industrial process and service supply
 - d. Ground water recharge
 - e. Freshwater replenishment
 - f. Water contact recreation
 - g. Non-contact water recreation, including aesthetic enjoyment
 - h. Commercial and sport fishing
 - i. Warm fresh water habitat
 - j. Wildlife habitat
 - k. Spawning, reproduction and/or early development

Groundwaters

18. Pursuant to the Basin Plan, existing and potential beneficial uses of groundwater within the Central Coast Region include:
 - a. Municipal and domestic supply

- b. Agricultural supply

CALIFORNIA ENVIRONMENTAL QUALITY ACT

19. These requirements are for an existing facility and their adoption is exempt from the provisions of the California Environmental Quality Act (Public Resources Code, Section 21000, et. Seq.) in accordance with Section 15301, Chapter 3, Title 14, of the California Code of Regulations (Existing Facilities Exemption).

EXISTING ORDERS AND GENERAL FINDINGS

20. There are currently no Waste Discharge Requirements from the Central Coast Region Water Board for the BLM vehicle wash facility.
21. The USEPA's UIC Program prohibits the discharge of automotive wastes to shallow injection wells such as leach fields. USEPA Region IX determined that the disposal of washrack wastewater is allowed provided that the vehicle wash facility complies with the Water Board's regulations and monitoring of the washrack wastes is conducted. The Discharger must ensure that inorganic and organic chemicals associated with vehicles are not being discharged in the washrack wastewater to the leach field in order to protect beneficial uses of nearby surface waters and groundwater.
22. In accordance with Water Code section 13263(g), the discharge of waste to waters of the state is a privilege, not a right, and authorization to discharge is conditional upon the discharge complying with provisions of Division 7 of the California Water Code, including water quality control plans, and protection of beneficial uses, and prevention of nuisance.
23. Antidegradation: State Water Board Resolution No. 68-16 *Statement of Policy with Respect to Maintaining High Quality of Waters in California* (Resolution No. 68-16) requires Regional Water Boards, in regulating the discharge of waste, to maintain high quality waters of the State until it is demonstrated that any change in quality will be consistent with maximum benefit to the people of the State, will not unreasonably affect beneficial uses, and will not result in water quality less than that described in a Regional Water Board's policies (e.g., quality that exceeds applicable water quality standards). Resolution No. 68-16 also states, in part:

Any activity which produces or may produce a waste or increased volume or concentration of waste and which discharges or proposes to discharge to existing high quality waters will be required to meet waste discharge requirements which will result in best practicable treatment and control of the discharge necessary to assure that (a) a pollution or nuisance will not occur and (b) the highest water quality consistent with maximum benefit to the people of the State will be maintained.

The discharges regulated by this Order are subject to waste discharge requirements that will result in best practicable treatment or control, the prevention of pollution and nuisance, and maintenance of the highest water quality consistent with maximum benefit to the people of the State.

24. **Water Code Section 13267.** The monitoring and reporting requirements in this WDR and in Monitoring and Reporting Program No. R3-2008-0062 are necessary to determine compliance with these waste discharge requirements and to determine the facility's impacts, if any, on receiving water bodies. The evidence in support of requiring these reports is discussed in the above findings.

25. Violations of this Order will result in enforcement actions as authorized under the California Water Code.
26. On August 4, 2008, the Water Board notified the Discharger and interested parties of its intent to issue waste discharge requirements for the discharge and has provided them with a copy of the proposed Order and an opportunity to submit written views and comments.
27. After considering all comments pertaining to this discharge during a public hearing on December 5, 2008, this Order was found consistent with the above findings.
28. Any person aggrieved by this action of the Central Coast Water Board may petition the State Water Board to review the action in accordance with Water Code section 13320 and California Code of Regulations, title 23, sections 2050 and following. The State Water Board must receive the petition by 5:00 p.m., 30 days after the date of the 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 5:00 p.m. on the next business day. Copies of the law and regulations applicable to filing petitions may be found on the internet at http://www.waterboards.ca.gov/public_notices/petitions/water_quality or will be provided upon request.

IT IS HEREBY ORDERED, pursuant to authority in Sections 13263 and 13267 of the California Water Code, that the BLM, its agents, successors, and assigns, may discharge waste at the above-described vehicle wash facility providing compliance is maintained with the following:

All technical and monitoring reports submitted pursuant to this Order are required pursuant to Section 13267 of the California Water Code. Discharger is required to submit the reports because the Discharger filed a Report of Waste Discharge. More detailed information is available in the Board's public file on this matter. Failure to submit reports in accordance with schedules established by the Order, attachments to this Order, or failure to submit a report of sufficient technical quality to be acceptable to the Executive Officer, may subject the Discharger to enforcement action pursuant to Section 13268 of the California Water Code. The Water Board will base all enforcement actions on the date of Order adoption.

Other prohibitions and conditions, definitions, and the method of determining compliance are contained in the attached "Standard Provisions and Reporting Requirements for Waste Discharge Requirements," dated January 1984, referenced in Section C.17 of this Order.

Throughout these requirements footnotes are listed to indicate the source of requirements specified. Requirement footnotes are as follows (requirements without footnotes are BPJ unless otherwise noted):

BPJ Best Professional Judgment of Regional Water Quality Control Board Staff
PC Porter-Cologne Water Quality Control Act (California Water Code)

A. DISCHARGE PROHIBITIONS

1. Discharge of treated wastewater to areas other than disposal areas shown in Attachment "A" is prohibited unless otherwise approved by the Executive Officer to meet requirements for additional disposal capacity as required herein.
2. Discharge of any wastes including overflow, bypass, seepage, collection system spills or overflows, or from transport, treatment, storage, or disposal systems to adjacent drainageways or adjacent properties not listed in this Order is prohibited.

3. Bypass of the treatment facility and discharge of untreated or partially treated wastes directly to the designated disposal area is prohibited.
4. Bypass of the treatment facility and discharge of untreated or partially treated wastes is prohibited.^{PC}
5. Discharges of sludges, residues, or any other wastes into surface waters or into any area where it may be washed into surface water is prohibited.^{PC}
6. Discharge of any waste, except in compliance with this Order or other applicable waste discharge requirements is prohibited.
7. Neither the treatment, storage nor disposal of waste shall create a pollution, contamination or nuisance, as defined by Section 13050 of the California Water Code.
8. The discharge of treated wastewater shall not cause a violation of the prohibitions contained in the Basin Plan.
9. The discharge of wastes from recreational vehicle holding tanks to the vehicle wash treatment system and subsurface disposal leach field infiltration system is prohibited.
10. There shall be no discharge of sewage solids at the vehicle wash facility.
11. There shall be no ponding of discharged clarifier tank effluent
12. Total effluent flow to the subsurface disposal leach field infiltration system in excess of a 30-day average of 450 gallons per day is prohibited.

B. DISCHARGE SPECIFICATIONS

1. The discharge to the subsurface disposal systems at the vehicle wash facility shall only consist of vehicle washrack wastewater.
2. Clarifier tank effluent prior to discharge to the subsurface disposal area at the vehicle wash facility shall not contain constituents in excess of the following limitations:

CONSTITUENT	DAILY MAXIMUM (mg/L)
Inorganics	
Nitrate (as N)	10
Chloride	200
Sulfate	350
Boron	1.0
2,3,7,8-TCDD (Dioxin)	3.0×10^{-8}
Simazine	0.004
Dinoseb	0.007
pH	between 6.5 and 8.3 standard units
Total Petroleum Hydrocarbons	
Motor Oil	1.0
Gasoline	1.0
Volatile Organic Compounds	

CONSTITUENT	DAILY MAXIMUM (mg/L)
Acetone	21.8
Benzene	0.005
Carbon disulfide	1.04
Chloroform	1.93×10^{-4}
1,1-Dichloroethene	2.56
Methyl tert-butyl ether (MTBE)	0.0125
Styrene	0.1
Tetrachloroethylene	0.005
Trichloroethylene	0.005
Xylenes	1.0
Semi-Volatiles	
Di (2-ethylhexyl) phthalate	0.006
Metals	
Aluminum	36.5
Arsenic	0.01
Copper	1.3
Mercury	0.002
Sodium	250
Total Chromium	0.05
Dissolved Metals	
Total Dissolved Solids	1,400

1. The daily maximum effluent limitation shall apply to the results of a single composite or grab sample.
2. All collected screenings, sludges, and other solids removed from liquid wastes must be disposed of in a municipal solid waste landfill, reused by land application, or disposed of in a sludge-only landfill accordance with 40 CFR Parts 503 and 258, and Title 27 CCR.

C. STANDARD PROVISIONS

1. **Duty to Comply:** The Discharger must comply with all conditions of this Order. Any noncompliance with this Order constitutes a violation of the California Water Code and is grounds for (a) enforcement action; (b) termination, revocation and reissuance, or modification of this Order; or (c) denial of a report of waste discharge in application for new or revised waste discharge requirements.
2. **Entry and Inspection:** The Discharger shall allow the Water Board or its authorized representatives to:
 - a. Enter upon the Discharger's premises where a regulated facility or activity is located or conducted, or where records pertinent to this permit are kept;
 - b. Inspect and photograph any facilities, equipment (including monitoring and control equipment), practices, or operations pertinent to this Order;

- c. Have access to and copy any records pertinent to this permit; and
 - d. Sample or monitor for the purposes of assuring permit compliance.
3. **Monitoring and Reporting:** The Discharger shall comply with the attached Monitoring and Reporting Program to Order No. R3-2008-0062 and future revisions thereto as specified by the Executive Officer. Monitoring results shall be reported at the intervals specified in the Monitoring and Reporting Program.
 4. A copy of this Order shall be kept at the discharge facility for reference by operating personnel. Key operating and site management personnel shall be familiar with its contents.
 5. In the event the Discharger wishes to terminate authorization under this Order, the Discharger shall submit a Notice of Termination (NOT). A Water Board staff inspection of the facility may be required prior to terminating coverage. Termination from coverage will occur on the date specified in the NOT, unless notified otherwise. All discharges shall cease before the date of termination, and any discharges on or after this date shall be considered in violation of this Order unless covered by other WDRs.
 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 this Order by letter, a copy of which shall be immediately forwarded to the Executive Officer.
 7. The Discharger shall take all reasonable steps to prevent any discharge in violation of this Order.
 8. The Discharger shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) to achieve compliance with this Order. Proper operation and maintenance also includes adequate laboratory controls and appropriate quality assurance procedures. This provision requires the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with this Order.
 9. The Discharger shall furnish the Water Board, within a reasonable time, any information that the Board may request to determine compliance with this Order.
 10. All technical and monitoring reports submitted pursuant to this Order are required pursuant to Section 13267 of the California Water Code. Failure to submit reports in accordance with schedules established by this Order, attachments to this Order, or failure to submit a report of sufficient technical quality to be acceptable to the Executive Officer, may subject the Discharger to enforcement action pursuant to Section 13268 of the California Water Code. The Water Board will base all enforcement actions on the date of Order adoption.
 11. All reports required by this Order and other information requested by the Water 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: (a) a president, secretary, treasurer, or vice president of the corporation in charge of a principal business function; (b) any other person who performs similar policy or decision-making functions for the corporation; or (c) 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.

12. **Document Signing and Certification:** Any person signing a document under Provision 11 makes the following certification, whether written or implied:

"I certify under penalty of law this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure 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 there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

13. The Discharger shall give notice to the Water 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.
14. The Water Board may review this Order at any time and may modify or terminate this Order in its entirety as appropriate.
15. **Hazardous Releases:** Except for a discharge which is in compliance with these waste discharge requirements, any person who, without regard to intent or negligence, causes or permits any hazardous substance or sewage to be discharged in or on any waters of the State, shall as soon as (a) that person has knowledge of the discharge, (b) notification is possible, and (c) notification can be provided without substantially impeding cleanup or other emergency measures, immediately notify the Director of Environmental Health Services, County of San Benito in accordance with California Health and Safety Code section 5411.5 and the Office of Emergency Services of the discharge in accordance with the spill reporting provision of the State toxic disaster contingency plan adopted pursuant to Article 3.7 (commencing with section 8574.7) of Chapter 7 of Division 1 of Title 2 of the Government Code, and immediately notify the State Board or the appropriate Water Board of the discharge. This provision does not require reporting of any discharge of less than a reportable quantity as provided for under subdivisions (f) and (g) of section 13271 of the Water Code unless the Discharger is in violation of a prohibition in the applicable Water Quality Control Plan.
16. **Petroleum Releases:** Except for a discharge which is in compliance with these waste discharge requirements, any person who without regard to intent or negligence, causes or permits any oil or petroleum product to be discharged in or on any waters of the State, or discharged or deposited where it is, or probably will be, discharged in or on any waters of the State, shall, as soon as (a) such person has knowledge of the discharge, (b) notification is possible, and (c) notification can be provided without substantially impeding cleanup or other emergency measures, immediately notify the Office of Emergency Services of the discharge in accordance with the spill reporting provision of the State oil spill contingency plan adopted pursuant to Article 3.5 (commencing with section 8574.1) of Chapter 7 of Division 1 of Title 2 of the Government Code. This requirement does not require reporting of any discharge of less than 42 gallons unless the discharge is also required to be reported pursuant to Section 311 of the Clean Water Act or the discharge is in violation of a prohibition in the applicable Water Quality Control Plan.
17. **Standard Provisions:** The Discharger shall comply with all applicable items of the attached "Standard Provisions and Reporting Requirements for Waste Discharge Requirements," dated January 1984.

I, **Roger W. Briggs, Executive Officer**, do hereby certify the foregoing is a full, true, and correct copy of an order adopted by the California Regional Water Quality Control Board, Central Coast Region, on December 5, 2008.

Roger W. Briggs
Executive Officer