



**Matthew Rodriguez**  
Secretary for  
Environmental Protection



## Department of Toxic Substances Control

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Deborah O. Raphael, Director  
9211 Oakdale Avenue  
Chatsworth, California 91311



**Edmund G. Brown Jr.**  
Governor

December 19, 2012

Mr. John Villanueva  
Vice President  
Ramos Environmental Services  
1515 S. River Road  
West Sacramento, California 95691

SECOND NOTICE OF DEFICIENCY FOR THE STANDARDIZED PERMIT  
APPLICATION FOR RAMOS OIL RECYCLERS INC., DBA RAMOS ENVIRONMENTAL  
SERVICES, 1515 S RIVER ROAD, WEST SACRAMENTO, CALIFORNIA, EPA  
IDENTIFICATION NO. CAD 044 003 556

Dear Mr, Villanueva:

The Department of Toxic Substances Control (DTSC) has completed its technical review of your revised standardized permit renewal application dated July 24, 2012 for Ramos Environmental Services located at 1515 South River Road, West Sacramento, California. The Application, dated July 24, 2012 has been reviewed for compliance with the applicable requirements of California Code of Regulations (GCR), title 22 and the California Health and Safety Code, division 20. Enclosed is the second Notice of Deficiency. Please be aware that a third Notice of Deficiency is grounds for denying the permit. Please provide a response to each NOD and revise the application accordingly by January 20,2013.

If you have any questions, please give me a call at (818) 717-6693.

Sincerely,

**//Original Signed by//**

Ricardo Gonzalez  
Hazardous Substances Engineer  
Office of Permitting

cc: See next Page

Mr. John Villanueva

December 19, 2012

Page 2

cc: Mr. Kyle Ramos  
President  
Ramos Environmental Services, Inc.  
1515 S. River Road  
West Sacramento, California 95691

Mr. Farshad Vakili, P.E.  
Treatment & Storage Team Leader  
Office of Permitting  
Department of Toxic Substances Control  
8800 Cal Center Dr.  
Sacramento, California 95826-3200

Mr. Alfred Wong, P.E.  
Used Oil and Tanks Team Leader  
Office of Permitting  
Department of Toxic Substances Control  
700 Heinz Avenue  
Berkeley, California 94710-2721



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### SECOND NOTICE OF DEFICIENCY FOR STANDARDIZED HAZARDOUS WASTE FACILITY PERMIT APPLICATION RAMOS ENVIRONMENTAL SERVICES

EPA ID Number: CAD 044003556

#### General Comments

- Comment 1: The revised permit application dated July 24, 2012 for the Ramos Environmental Services Facility, including Form 1093A is better organized and it followed the DTSC Standardized Permit Guidance Manual dated August 30, 2006. However, there were substantial deficiencies which are outline below. There is information missing, not detailed, and unclear. Once these deficiencies are appropriately addressed, DTSC will begin the preparation of the Draft Permit and make it available during the public comment period.
- Comment 2: DTSC observed many typographical errors throughout the entire application. Spell check is needed for the application.

#### Form DTSC 1093A

- Comment 3: Page 1. Item B shows that the facility total storage capacity is 41,985 gallon plus 10 tons, while the total facility storage design capacity from Attachment 4 adds up to be 53,855 gallons which exceeds the 50,000 gallons for a Series C Standardized Permit. Please provide calculations that will show and clarify how the design capacity of the facility is less than 50,000 gallon (less than 100,000 pounds). Also see Comment 7 below.
- Comment 4: Form DTSC 1093A has two Page 3s. Please re-numerate the pages to 3a and 3b when more than one owner or operator signature is provided.

- Comment 5: Page 6 and 7. The Certifications signed should be the original documents and not copies of the documents. Please provide the original documents.
- Comment 6: Attachment 3 does not show the boundary of the loading and unloading unit. The figure should also have the dimension of each of the units. Please revise accordingly.
- Comment 7: Attachment 4. The storage capacity for units 1, 2 and 3 are 39,485 gallons, 6,490 gallons, and 7,880 gallons, respectively. The total storage volume for all three units based on the unit description is 53,855 gallon. This amount is more than the stated capacity on Page 10 of Form DTSC 1093A and it exceeds the capacity for a Series C Standardized Permit.
- Comment 8: Attachment 4. The process code given in the Tables under Item I and II is incorrect. For tanks it should be S2. Also provide the size and capacity of the tanks under Item III.
- Comment 9: Attachment 4. Please correct the misspelled words.

## **SECTION 1 - FACILITY IDENTIFICATION/LOCATION**

- Comment 10: Please provide a copy of the hydrodynamic analysis showing the freeboard that exist at the flood levee.
- Comment 11: Page 2. The fifth paragraph under the heading "Changes from existing permit" states that the oily water with state code 223 will not be tested with the Clor-D-Test 04000 Test Kit because this kit is intended to be used only for used oil. Will this waste stream be tested at all or will it be replaced with another test? Please indicate the replacement test or explain why it will not be tested at all.
- Comment 12: Page 3, Items Band C Signatures and Certification. Please provide the original signatures of the persons signing the permit application.

**SECTION 11- FACILITY OPERATION AND HAZARDOUS WASTE MANAGEMENT PRACTICE.**

Comment 13: Page 4, Item A. Please clarify whether the facility (1) transfers the waste from container to tank and/or truck and (2) store containers for greater than 90 days. If the facility does perform these activities, please provide a description for each container storage activity.

Comment 14: Page 4, Item B. The process flow diagram shows only the path of each waste stream from the point of entrance into the facility and storage. It does not show the exit path from the facility. The process flow diagram should also show any equipment used to move the waste stream such as pumps, blowers, belts, etc. The duration of the waste in the transfer or storage areas may also be included in the process flow diagram.

**SECTION 111-WASTE ANALYSIS PLAN**

Comment 15: The first sentence should be revised to include containerized wastes. For example it should say "All incoming bulk liquids waste and containerized waste will be inspected and sampled."

Comment 16: Pre-acceptance Criteria, Page 4 second Paragraph, and Pages 5, and 7. It is unclear who will be testing the used oil for PCB. Will it be Ramos facility or the offsite facility or both? Also will the oil be tested for PCB, bottom sediment and water content, API gravity, and flash point prior to receiving? Please clarify

Comment 17: Pages 6 and 7, Solids Containing Petroleum. The test method provided in the application for determining if the solid hazardous waste without free of liquids is by observation. To determine that the solids have no free liquids, Test Method 9095 should be performed.

**SECTION IV - FACILITY DESIGN (STORAGE)**

Comment 18: Page 8, Item A Waste Storage Areas. The unit dimension and thickness of the concrete slab for the Tank Storage Area is unclear. Please revise the Unit 1 - Tank Storage Area to show clearly the dimensions of the area and thickness of the concrete slab.

Comment 19: Pages 9 and 10, Item C Storage Device Equipment Description. No equipment description was provided for the Container Storage Area, and the Loading/Unloading Pad. Please provide a description of all

equipment used to manage hazardous waste including container handling equipment. Please include the type and size of containers, types and size of trucks, fork-lift trucks, front-end loaders equipped with drum-cradles or drum grabbers, dollies and forklift.

Comment 20: Pages 10 and **11**, Item D. Secondary Containment. This section did not provide sufficient information to satisfy the requirements specified in California Code of Regulations title 22, section 66264.175 for containers and section 66264.193 for tanks'. Please address all items required by the regulations specified in the sections previously mentioned. Specifically, the secondary containment calculations should provide the net volume of the secondary containment by calculating the displacement volume of the tanks and the additional volume required for precipitation.

Comment 21: Page 12, Item G. Engineer's Certification. The information provided refers to Attachments 1, 3, and 5. No such attachments were found with the permit application. Please be more specific and make the appropriate reference.

Items 1c and 1d make reference to Attachment IV-IV, Figure 2 which is the topographical drawing of the hazardous waste management units. The figure is illegible. Please replace the figure with a legible copy showing the associated piping system and pumps for each tank. The description should include (1) the pipe material and diameter size(s) and (2) the number of pumps, type of pump, material, pump process rate, size, and any other feature.

Item 1g only provides information for tank protection for external corrosion. Please describe internal corrosion protection used for each tank. If internal corrosion protection is not required, please justify.

Item 1j discusses the age of the tanks and expected service life of the tanks. Please provide a copy of the May 2, 1986 letter for DTSC's review or a copy of the tank assessment which contains the estimate of the remaining service life for each tank in the application.

Comment 22: The tank certification was not signed by a registered engineer. Also the tank assessment was conducted in 2008. Tank assessments are good for five year or less. A new tank assessment will be required in 2013.

Comment 23: Page 13 item G. Engineer's Certification. 2f, 2g, and 2h refer to Attachment 1 and 5 and to a Polluter literature. These attachments or

documents were not found within the permit application. The figure provided in Attachment IV-IV is the topographical drawing of the hazardous waste management units. The figure shows a drawing with what seems to be elevations written on the pad of the secondary containment; however, the figure is too small to see the information. Please replace with a legible copy.

In addition to the figure, provide: (1) a description of the slope showing how the secondary containment is designed to remove liquids resulting from leaks, spills or precipitation, designed or operated to prevent run-on and infiltration of precipitation into the secondary containment system from other areas within the facility, and (2) description of the leak-detection system showing that the leak detection system is designed and operated to detect either the failure of the primary or secondary containment structure or the presence of any released of hazardous waste or accumulated liquid in the secondary containment system within 24 hours.

## **SECTION VI - TRAINING PLAN**

Comment 24: Please specify that the training program is designed to ensure that facility personnel are able to respond effectively to emergencies by familiarizing them with emergency procedures, emergency equipment, and emergency systems, including, where applicable:

- (A) Procedures for using, inspecting, repairing, and replacing facility emergency and monitoring equipment;
- (8) Key parameters for automatic waste feed cut-off systems;
- (C) Communications or alarm systems;
- (D) Response to fires or explosions;
- (E) Response to groundwater contamination incidents; and
- (F) Shutdown of operations.

Comment 25: The training plan shall provide the contents of the training records. The training documents and records maintain at the facility must be specified in the operation plan. At a minimum, the following documents and records must be maintained at the facility:

- (1) The job title for each position at the facility related to hazardous waste management, and the name of the employee filling each job;
- (2) A written job description for each position listed under subsection (d)(1) of this section. This description may be consistent in its degree of specificity with descriptions for other similar positions in the same company location or bargaining unit, but shall include the

- requisite skill, education, or other qualifications, and duties of employees assigned to each position;
- (3) A written description of the type and amount of both introductory and continuing training that will be given to each person filling a position listed under paragraph (d)(1) of this section;
  - (4) Records that document that the training or job experience required under subsections (a), (b), and (c) of this section has been given to, and completed by, facility personnel.

Comment 26: Training Plan should make reference to Cal-OSHA to demonstrate compliance with the requirements of Cal-OSHA Regulations.

### **SECTION VII - INSPECTION PLAN**

Comment 27: A copy of the inspection schedule/log was not provided. Please provide a copy of the inspection schedule that shows all areas and equipment that will be inspected. Also provide a copy of the inspection form and work order form.

### **SECTION VIII – CONTINGENCY PLAN**

Comment 28: The SPCC and the Contingency Plan Section of the Operation Plan reference each other and the required information on the contingency plan was not addressed. Appendix A of the SPCC states that contingency measures required by the SPCC are fulfilled through the implementation of the Contingency Plan contained in Section X of the Operation Plan. On the other hand, the contingency plan section makes reference to the SPCC plan.

Both the contingency plan and SPCC should be updated to address the contingency plan comments in the first Notice of Deficiency.

Please also note that the Contingency Plan Section of the Operation Plan is not in section X as indicated in the SPCC plan. Currently, the Contingency Plan Section is in section VIII of the Operation Plan.

### **SECTION IX - CLOSURE PLAN**

Comment 29: Please add page numbers to the closure plan.

Comment 30: The maximum hazardous waste inventory stored at the facility is presented in Section C., Maximum Inventory Estimates, Item 1a., Maximum Hazardous Wastes Stored. The estimate does not match the number given in Form 1093A and Attachment IV, and the Operation Plan Section IV Facility Design, Attachment IV-I, and Attachment IV-II. Please explain and make appropriate corrections.

Also, Item 2a. Estimate of Waste Generated from Storage Areas, should indicate the type and amount of waste being generated from decontamination of valves, pipes, pumps, and loading/unloading sump. The decontaminated waste should include rinse water and any other waste such as sludge generated from the decontamination activities and concrete removed during the closure. Decontamination activities should include rinsing of tanks, pipes, pumps, and other equipment. Please also provide an explanation and/or the calculations for arriving at the estimated generated waste for decontamination activities and the removed masonry.

Comment 31: Section D. Waste Removal/Treatment. Please provide a list of proposed facilities where the waste will be taken. This information is necessary for determining the transportation cost in the closure cost estimate. The list should include the name and address of the proposed facilities and the distance in miles from the facility.

Comment 32: Section E. Decontamination Procedures, Item 2, include procedures for removing the generated waste such as the rinse water, masonry, and PPE. Please provide information as to where the waste is going to be captured and stored, and for how long the waste will be stored at the facility before being sent offsite for disposal. Please also describe (1) the types of equipment to be used to break and move the concrete, (2) type of container or truck where the waste will be stored and transported, (3) hazardous waste labeling requirements for containers, (4) procedures to complete a hazardous waste manifest for transporting the waste as hazardous waste and (5) measures that the facility will be taken to minimize dust from soil and concrete removal.

Comment 33: Section F. Confirmation Sampling Plan for Structures, Equipment, and Buildings. The Application proposes that concrete removed from Tank Storage Areas, Container Storage Areas and Loading and Unloading Areas will be disposed of as non -RCRA Hazardous Waste without any decontamination and confirmation sampling. However, the concrete must be characterized before off-site disposal. Please address waste characterization of the concrete that will be disposed of and any other generated waste during closure of the facility.

Confirmation Sampling Plan should be proposed for tanks including the number of wipe samples required for each tank and the criteria to be used to determine that the tanks were effectively decontaminated. A drawing for each tank showing the proposed sample locations should be provided in the sampling plan.

Comment 34: Section G. Confirmation Soil Sampling Plan. This section should be revised to include a soil sampling plan that describes:

- (1) Soil confirmation samples - discuss the soil sampling procedure and method, and rationale used for selecting sampling point locations.
- (2) Background samples - number of background samples to be taken, sampling locations, and the rationale used for selecting sampling locations, sampling procedures and methods, sampling depth for each location, and specific analyses to be performed and sample preparation method, and
- (3) A drawing of the facility layout showing the proposed sample locations should be provided.

## **SECTION XII- CORRECTIVE ACTION**

Comment 35: The Standardized Permit Application did not address the status of the facility's corrective action program as indicated in the first Notice of Deficiency. Please add a section to the Standardized Permit Application to address corrective action providing a summary of the status of any corrective action activities, copies of any environmental assessments completed, and copies of any orders or agreements the facility may have with local, state, or federal agencies,

The owner or operator applying for a standardized permit is required to complete and file a phase I environmental assessment with the application. However, if a RCRA Facility Assessment has been performed by the DTSC, the assessment is deemed to satisfy this requirement. The phase I environmental assessment shall include a preliminary site assessment, as described in subdivision (a) of Section 25200.14 of the California Health and Safety Code. The phase I environmental assessment shall also include a certification, signed by the owner, and also by the operator if the operator is not the owner of the facility, and an independent professional engineer, geologist, or environmental assessor

registered in the state. The certification shall state whether evidence of a release of hazardous waste or hazardous constituents has been found. If evidence of a release has been found, the facility shall complete a detailed site assessment to determine the nature and extent of any contamination resulting from the release and shall submit a corrective action plan to the department.