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Alameda County
Environmental Health

First Rainfall Event
Storm Water Sampling Report
for
3744 Depot Road
Hayward, California

Performed For:
Mr. Eric Freeberg
Riverbend Properties
PO Box 9440
Rancho Santa Fe, CA 92067-4440

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TABLE OF CONTENTS

5.0 STORM WATER MANAGEMENT CONTROLS

5.1 Structural Source Controls
5.1.1 Secondary containment and roofing of potential pollutants
5.1.2 Separation and structural isolation of wastes
5.2 Non-Structural Source Controls and Management Practices
5.2.1 Spill prevention and response procedures
5.2.2 List of significant spills since November 19, 1988
5.2.3 Maintenance
5.2.4 Erosion control
5.2.5 Personnel responsible for storm water pollution prevention
Employee training
5.2.6 Employee Training
5.2.7 Industrial storm water discharge treatment procedures (if any)
5.2.8 Waste collection, recycling. and disposal practices
5.3 Inspection Program
5.4 Record keeping and Reporting Procedures
5.5 New and Proposed Storm Water Management Controls and Implementation Schedule
5.5.1 Stencil Storm Drain Inlets

6.0 CERTIFICATION OF ELIMINATION OF NON-STORM WATER DISCHARGE TO THE STORM DRAIN SYSTEM

7.0 COPY OP NOTICE OF INTENT

FIGURE 1 - SITE VICINITY MAP
FIGURE 2 - PROPERTY SITE PLAN

1.0 INTRODUCTION AND BACKGROUND

This Storm Water Pollution Prevention Plan has been prepared by PIERS Environmental Services, Inc. (PIERS) to meet the requirements of the State of California for industrial storm water pollution prevention. The site is located at 3744 Depot Road, Hayward, California, in a commercial/industrial district of Hayward, California. The facility is currently owned by Riverbend Properties of Rancho Santa Fe, California, and is being leased to its current tenant, American Auto Dismantlers, which operates an auto wrecking yard. The site has been an auto wrecking yard dating back at least 15 years. There is one 1000 sq. ft. (approx.) metal building situated on the Northeast corner of the Property. The lot is approximately 100 feet wide and 1100 feet in depth, covering a total of approximately 110,000 square feet.

Wrecked autos are stored, dismantled, and their parts sold at this facility. Fluids found at the facility include antifreeze, oil, and gasoline. Oils and antifreeze are drained from the vehicles immediately upon entering the facility, stored in 55 gallon drums, and picked up periodically by appropriate recyclers. The gasoline remaining in the tanks of wrecked cars is drained and used in on-site vehicles such as forklifts.

2.0 SITE LOCATION AND REGIONAL INFORMATION

2.1 Location

The site is located at 3744 Depot Road, Hayward, California, in a commercial/industrial district of Hayward, California.

There is one paved entrance/exit located on Depot Road at the northernmost side of the Property.

2.2 Topography, Surface Water Bodies, and Wells

The Property has a virtually "flat" topography, and is covered by concrete over approximately 90+% of the surface area, leaving a section of about 10,000 sq. ft. at the rear of the Property (southern), which is unused and unpaved. Runoff swales on the surfaces of the Property, generally from east to west, where it accumulates at the low point along the west side of the Property, and is channeled northerly, and eventually into the open storm drainage ditch which runs east to west along the southern border of Depot Road.

There is one 6 inch diameter steel cased well located along the west side of the Property. The total depth of this well is approximately 30 ft. This well is equipped with a 1 ½ inch above ground well pump with a pressure vessel. Water from this well is plumbed to the building on site, and used for hand washing. The water from this well is considered non-potable, and is not used for drinking.

There are two 2 inch groundwater monitoring wells on the Property located as shown on Figure 1. Both have 2 inch PVC casings, and are installed to a total depth of approximately 15 ft. Below Surface Grade. Figure 1 shows the location of these wells, which are labeled MW-1 and MW-2. These wells were installed after the removal of two underground fuel storage tanks in approximately 1985. They are scheduled to be permanently closed in the near future, as they are no longer required for environmental monitoring.

2.3 Description of Typical Rainfall Annual Totals and Trends

Typical Rainfall for the Hayward area is 16 to 20 inches per year.

3.0 SOURCE IDENTIFICATION: SITE DESCRIPTION

The General Permit has been applied for, and will be appended to this report as soon as it is issued.

3.1 Buildings

Description of Building(s) On-site, and Run-Off or Drainage Channels:

One metal building is located near the "front" (northeastern) corner of the Property. This building is approximately 1000 sq. ft., is built on a concrete slab, structurally supported by steel beams and girders, with galvanized steel roof and walls. The building is positioned slightly higher than the surrounding concrete. Water runs off the building onto the concrete, and swales to the drainage ditch along Depot Road.

Operations Conducted in the Building:

A limited number of autos are dismantled within the subject building. Some motors and transmissions are also stored within. The building contains an administrative office and associated office appliances. Sales of parts and equipment is conducted from within the subject building.

Sanitary Sewer Systems:

No toilets exist on the subject site. The operating company employs a portable toilet service. There is one sink positioned at the northwest corner of the building, where employees wash their hands. Drainage from this sink is plumbed into what appears to be an in-ground 55 gallon septic tank, which acts as a clarifier. Water runs into this tank, where solids settle, and the water is leeched from the tank through holes drilled near the tank top. The tank is reportedly bedded in pea gravel, and has a clean-out access point on the surface, which is periodically checked and cleaned out when needed.

Storage areas and Containment:

Waste oil and antifreeze are stored within the building in double-contained 55 gallon drums. These drums are kept in a designated area near the southwest corner of the building. Motors and transmissions are stored within the covered building on the concrete floor.

Waste Collection at the Facility:

Fluids found at the facility include antifreeze, motor oil, transmission fluids, and gasoline. The antifreeze, motor oil, and transmission fluids are drained from the vehicles immediately upon entering the facility, and stored in the building in double contained 55 gallon drums. These fluids are picked up periodically by RCA Oil Recovery. Gasoline is drained from the vehicles, and used in fork lifts and other gasoline-powered equipment at the facility.

3.2 Outdoor Storage and/or-Processing Areas

There is an outdoor covered area positioned near the center of the Property. This area is approximately 500 sq. feet, and is constructed of a wood frame, and roofed with tin (metal) sheeting. Some motors and transmissions are stored in this covered area. The surface is concrete. Figure 1 shows the location of this covered area. No chemicals are stored in this area.

3.3 Loading/Unloading Areas and Movements of Materials:

Wrecked cars are transported through the entrance/exit, and are taken into the building to assess equipment and damage. Fluids are removed in this area. Some motors and transmissions are removed. Cars are then towed to their respective storage areas, where they are dismantled as parts are sold. The remaining auto carcasses are picked up by a metal recycler, and removed from the premises.

Description of Spill Containment at Loading/Unloading Areas:

Bags of absorbent clay are kept in the main building area near the double contained 55 gallon drums in case of a spill.

3.4 Site Paving:

With the exception of approximately 10,000 square feet at the rear (south) end of the Property, the entire surface of the fenced storage facility is covered with 6 to 12 inches of concrete. The parking area outside of the fenced lot in front (north) of the

Property is paved with asphaltic concrete. Both are in good repair. The unpaved area along the rear of the facility is not currently used.

3.5 Storm Drain System:

Runoff swales on the surfaces of the Property, generally from east to west, where it accumulates at the low elevation along the west side of the Property, and is channeled toward the north, and eventually into an open storm drainage ditch which runs east to west along the southern border of Depot Road.

3.6 Process Wastewater and Sanitary Sewer System

There are no toilets on site. The company employs a portable toilet service. There is one sink positioned at the northwest corner of the building, where employees wash their hands. Drainage from this sink is plumbed into what appears to be an in-ground 55 gallon septic tank, which acts as a clarifier. Water runs into this tank, where solids settle, and the water is leeched from the tank through holes drilled near the tank top. The tank is reportedly bedded in pea gravel, and has a clean-out access point on the surface. This tank is periodically checked, and cleaned out when needed.

Description of Discharge Into Sanitary Sewer System:

There is no sanitary sewer system hook-up at this site.

Describe Location of Wastewater Collection and Testing Areas on Property:

There is no Wastewater Collection at this site.

3.7 Underground and Aboveground Storage Tanks

There are no underground storage tanks located at this site. Storage of waste oils and antifreeze is in double contained above ground 55 gallon drums which are stored within the building, and periodically emptied by RCA Oil Recovery.

4.0 SOURCE IDENTIFICATION: DESCRIPTION OF POTENTIAL SOURCES OF POLLUTANTS IN STORM WATER DISCHARGES

4.1 Potential Pollutants

Potential Pollutants found at the facility include antifreeze, motor oil, transmission fluids, and gasoline.

4.1.1 List of Potential Pollutants to Storm Water

Potential Pollutants to Storm Water found at the facility include antifreeze, motor oil, transmission fluids, and gasoline. The waste oils and antifreeze are stored in the main building.

Total estimated annual quantity of waste oils at the site is less than 600 gallons.

4.1.2 List of Potential Pollutants in Significant Annual Quantities in Storm Water for Each Area of Property

Potential Pollutants at the facility include antifreeze, motor oil, transmission fluids, and gasoline. The waste oils and antifreeze are stored in the main building. Total estimated annual quantity of waste oils at the site is less than 600 gallons. Gasoline from the wrecked autos is used in facility vehicles.

4.1.3 Existing Sampling Data Describing Pollutants in Storm Water Discharge

A storm water sample box has been installed at northwestern corner of the Property (see Figure 2). Water in this box will be sampled twice annually in accordance with the General Permit.

4.2 Isolation of Storm Drain From Sanitary Sewer
This facility has no sanitary sewer system hook-up.

5.0 STORM WATER MANAGEMENT CONTROLS

5.1 Structural Source Controls

Direct roof run-off only.

5.1.1 Secondary Containment and Roofing of Potential Pollutants

Waste oil and antifreeze are stored within the building in double-contained 55 gallon drums, kept in a designated area near the southwest corner of the building. Motors and transmissions are stored within the covered building on the concrete floor.

5.1.2 Management of Hazardous Wastes

Storage of waste oils and antifreeze is in double contained above ground 55 gallon drums which are stored within the building, and periodically emptied by RCA Oil Recovery.

Smaller (2 gallon) plastic containers are used to collect fluids from vehicles. Fluids are immediately transferred from the smaller plastic containers to the double contained holding tanks.

In the event of a spill, absorbent clay will be used to berm and absorb the spilled materials within the building.

The company employs a portable toilet service.

There is one sink positioned at the northwest corner of the building, where employees wash their hands. Drainage from this sink is plumbed into what appears to be an in-ground 55 gallon septic tank, which acts as a clarifier. Water runs into this tank, where solids settle, and the water is leeched from the tank through holes drilled near the tank top. The tank is reportedly bedded in pea gravel, and has a clean-out access point on the surface.

There are no storm water drains on this Property.

5.2 Non-Structural Source Controls and Management Practices Introduction

This facility has a policy that all fluids will be drained from vehicles immediately upon their entering the premises. No hazardous materials are stored on the Property except in the designated area within the building.

5.2.1 Spill Prevention and Response

All employees are required to empty small collection containers into the main double contained holding tanks immediately upon draining the fluids from the vehicles.

If there is a spill, employees have been instructed to immediately spread absorbent material in the immediate area of the spill, and to use the material to berm the area if needed. Employees are instructed to immediately notify the responsible management on site of any spill, regardless of its size.

5.2.2 Significant Spills Since November 19, 1988

There have been no known significant spills occurring at this site since November 19, 1988.

5.2.3 Maintenance

The open storm ditch positioned along Depot Road on the North end of the Property is periodically inspected by the facility operator for blockage and foreign material. The canal is kept clear, and any noticeable materials are removed by the facility operator.

5.2.4 Erosion Control

The Property is essentially "flat", and almost completely paved with concrete or asphaltic concrete. Erosion, therefore, is virtually nonexistent.

5.2.5 Personnel Responsible for Storm Water Pollution Prevention

Baryalai Feroz is the owner of the business, and responsible party for Storm Water Pollution Prevention. Baryalai (Barry) can be reached at (510) 265-1320.

5.2.6 Employee Training

There are two employees beside the facility operator. These employees have been shown the location of containment barrels, absorbent materials, and instructed on the hazardous materials handling procedures.

5.2.7 Industrial Storm Water Discharge Treatment Procedures

There is no treatment of storm water at this facility.

5.2.8 Waste Collection, Recycling, and Disposal Practices

Storage of waste oils and antifreeze is in double contained above ground 55 gallon drums which are stored within the building, and periodically emptied by RCA Oil Recovery.

Smaller (2 gallon) plastic containers are used to collect fluids from vehicles. Fluids are immediately transferred from the smaller plastic containers to the double contained holding tanks.

Storage of waste oils and antifreeze is in double contained above ground 55 gallon drums which are stored within the building, and periodically emptied by RCA Oil Recovery.

This handling process has no effect on the Storm Water System.

5.3 Inspection Program

The Property owner has contracted with PIERS Environmental Services, Inc. of San Jose, California to perform property inspections twice per year. These inspections will involve a physical site walk by a trained environmental inspector who will observe operating conditions and practices, look for evidence of spills, check containers, hazardous materials storage areas, and general housekeeping practices. The inspector will also collect a sample of water from the storm water collection box, document the sampling event with a Chain-of-Custody, and provide field and laboratory testing for Total Suspended Solids, Iron, Lead, Aluminum, Ph, Conductivity, Total Organic Carbon, and Total Oil and Grease in accordance with the sampling requirements for SIC code 50515. A report will be prepared by PIERS Environmental Services, Inc. and submitted to the Property owner, Mr. Eric Freeberg.

5.4 Record keeping and Reporting Procedures

A copy of this plan will be kept in the facility office at 3744 Depot Road. The original will be kept by the Property owner, Mr. Eric Freeberg at his office in Rancho Santa Fe, California. Inspection records and reports will also be kept by Mr. Freeberg. Mr. Freeberg can be reached at (619) 756-6632.

5.5 New and Proposed Storm Water Management Controls and Implementation Schedule

There are no new proposed SWMC plans for this site.

5.5.1 Stencil Storm Drain Inlets

There are no Storm Water inlets on or around this Property to stencil.

6.0 CERTIFICATION OF ELIMINATION OF NON-STORM WATER DISCHARGE TO THE STORM DRAIN SYSTEM

There are no Certificates to Verify Elimination of Discharge to the Storm Drain System available from any regulatory agency.

7.0 COPY OF NOTICE OF INTENT

The Notice of Intent has been filed with the State Water Resources Control Board.

FIGURE 1

FIGURE 2