

STATE OF CALIFORNIA
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION

MONITORING AND REPORTING PROGRAM NO. CI-8681
FOR
WHITTWOOD CARWASH, INC.

ENROLLMENT UNDER REGIONAL BOARD
ORDER NO. R4-2002-0030 (Series No. 042)
FILE NO. I-02192

I. MONITORING AND REPORTING REQUIREMENTS

- A. Whittwood Carwash, Inc. (hereinafter Discharger) shall implement this monitoring program on the effective date of this enrollment (December 19, 2003) under Regional Board Order No. R4-2002-0030. The first monitoring report under this program, for the monitoring period October – December 2003, shall be received at the Regional Board by January 15, 2004. Subsequent monitoring reports shall be received at the Regional Board according to the following schedule:

<u>Monitoring Period</u>	<u>Report Due</u>
January – March	April 15
April – June	July 15
July – September	October 15
October – December	January 15
Annual Summary Report	March 1 of each year

- B. If there is no discharge during any reporting period, the report shall so state. Monitoring reports must be addressed to this Regional Board, Attention: Information Technology Unit.
- C. By March 1 of each year, the Discharger shall submit an annual summary report to the Regional Board. The report shall contain both tabular and graphical summaries of the monitoring data obtained during the previous calendar year. In addition, the Discharger shall discuss the compliance record and the corrective actions taken or planned, which may be needed to bring the discharge into full compliance with the Requirements.
- D. Each monitoring report shall contain a separate section titled "Summary of Non-Compliance" which discusses the compliance record and the corrective actions taken or planned that may be needed to bring the discharge into full compliance with waste discharge requirements. This section shall be located at the front of the report and shall clearly list all non-compliance with discharge requirements, as well as all excursions of effluent limitations.

December 19, 2003

- E. The Discharger shall comply with requirements contained in Section G. of Order No. R4-2002-0030 "Monitoring and Reporting Requirements" in addition to the aforementioned requirements.

II. WATER QUALITY MONITORING

A. Influent Monitoring

Representative samples of groundwater shall be obtained from the combine influent, prior to any treatment, for extraction wells MW-1, MW-5, MW-8 and MW-9. This sampling station shall not be changed and any proposed change of sampling location shall be identified and approved by the Regional Board Executive Officer (Executive Officer) prior to their use.

The following shall constitute the influent-monitoring program for the groundwater extraction wells:

<u>Constituents</u>	<u>Units</u> ¹	<u>Type of Sample</u>	<u>Minimum Frequency of Analysis</u>
pH	pH units	grab	Monthly ³ /Quarterly ⁴
Temperature ²	°F	grab	Monthly ³ /Quarterly ⁴
Oxidation-reduction potential ²	millivolts	grab	Monthly ³ /Quarterly ⁴
Specific conductivity ²	µmhos/cm	grab	Monthly ³ /Quarterly ⁴
Disolved Oxygen ²	µg/L	grab	Monthly ³ /Quarterly ⁴
Total Petroleum Hydrocarbons (as gasoline)	µg/L	grab	Monthly ³ /Quarterly ⁴
Benzene	µg/L	grab	Monthly ³ /Quarterly ⁴
Toluene	µg/L	grab	Monthly ³ /Quarterly ⁴
Ethylbenzene	µg/L	grab	Monthly ³ /Quarterly ⁴
Total Xylenes	µg/L	grab	Monthly ³ /Quarterly ⁴
Methyl Tertiary Butyl Ether	µg/L	grab	Monthly ³ /Quarterly ⁴
Tertiary Butyl Alcohol	µg/L	grab	Monthly ³ /Quarterly ⁴
Di-isopropyl Ether	µg/L	grab	Monthly ³ /Quarterly ⁴
Ethyl Tertiary Butyl Ether	µg/L	grab	Monthly ³ /Quarterly ⁴
Tertiary Amyl Methyl Ether	µg/L	grab	Monthly ³ /Quarterly ⁴
Ethanol	µg/L	grab	Monthly ³ /Quarterly ⁴
Methanol	µg/L	grab	Monthly ³ /Quarterly ⁴
Tetrachloroethene (PCE)	µg/L	grab	Quarterly
1,3,5-trimethylbenzene	µg/L	grab	Quarterly
1,2,4-trimethylbenzene	µg/L	grab	Quarterly
Isopropylbenzene	µg/L	grab	Quarterly
n-propylbenzene	µg/L	grab	Quarterly
Naphthalene	µg/L	grab	Quarterly

1,4-Dioxane	µg/L	grab	One-time ⁵
1,2,3-trichloroprone	µg/L	grab	One-time ⁵
Priority pollutants ⁶	µg/L	grab	One-time ⁵

¹ µg/L: micrograms per liter and °F: degree Fahrenheit

² This constituent can be monitored using a field instrument.

³ Monthly sampling events are required for a period of one year.

⁴ Quarterly sampling events are required after the one year sampling events have been completed.

⁵ The sampling event is required within the first month from the effective day of this permit.

⁶ A complete list of priority pollutants (Attachment A) is attached, but the Discharger is required to test only for volatile organic compounds (VOCs) on the priority pollutant list.

B. Effluent Monitoring

A sampling station shall be established at the point of discharge (the end point of the groundwater treatment system) and shall be located where representative samples of the effluent can be obtained. This sampling station shall not be changed and any proposed change of sampling location shall be identified and approved by the Executive Officer prior to its use.

The following shall constitute the effluent monitoring program for the treated groundwater prior to discharge to the injection wells:

<u>Constituents</u>	<u>Units¹</u>	<u>Type of Sample</u>	<u>Minimum Frequency of Analysis</u>
pH	pH units	grab	Monthly ³ /Quarterly ⁴
Temperature ²	°F	grab	Monthly ³ /Quarterly ⁴
Oxidation-reduction potential ²	millivolts	grab	Monthly ³ /Quarterly ⁴
Specific conductivity ²	µmhos/cm	grab	Monthly ³ /Quarterly ⁴
Disolved Oxygen ²	µg/L	grab	Monthly ³ /Quarterly ⁴
Total Petroleum Hydrocarbons (as gasoline)	µg/L	grab	Monthly ³ /Quarterly ⁴
Benzene	µg/L	grab	Monthly ³ /Quarterly ⁴
Toluene	µg/L	grab	Monthly ³ /Quarterly ⁴
Ethylbenzene	µg/L	grab	Monthly ³ /Quarterly ⁴
Total Xylenes	µg/L	grab	Monthly ³ /Quarterly ⁴
Methyl Tertiary Butyl Ether	µg/L	grab	Monthly ³ /Quarterly ⁴
Tertiary Butyl Alcohol	µg/L	grab	Monthly ³ /Quarterly ⁴
Di-isopropyl Ether	µg/L	grab	Monthly ³ /Quarterly ⁴
Ethyl Tertiary Butyl Ether	µg/L	grab	Monthly ³ /Quarterly ⁴
Tertiary Amyl Methyl Ether	µg/L	grab	Monthly ³ /Quarterly ⁴
Ethanol	µg/L	grab	Monthly ³ /Quarterly ⁴
Methanol	µg/L	grab	Monthly ³ /Quarterly ⁴
Tetrachloroethene (PCE)	µg/L	grab	Quarterly

1,3,5-trimethylbenzene	µg/L	grab	Quarterly
1,2,4-trimethylbenzene	µg/L	grab	Quarterly
Isopropylbenzene	µg/L	grab	Quarterly
n-propylbenzene	µg/L	grab	Quarterly
Naphthalene	µg/L	grab	Quarterly
Total dissolved solids	mg/L	grab	Quarterly
Sulfate	mg/L	grab	Quarterly
Chloride	mg/L	grab	Quarterly
Boron	mg/L	grab	Quarterly

¹ µg/L: micrograms per liter and °F: degree Fahrenheit; µmhos/cm: microohms per centimeter

² This constituent can be monitored using a field instrument.

³ Monthly sampling events are required for a period of one year.

⁴ Quarterly sampling events are required after the one year sampling events have been completed.

C. Groundwater Monitoring

A groundwater-monitoring program shall be designed to detect and evaluate impacts associated with the injection activities. The following shall constitute the monitoring program for Monitoring Well Nos. MW-4 (upgradient), MW-11, MW12 and MW-13 (downgradient), and MW-1, MW-2 and MW3 (source). These sampling stations shall not be changed and any proposed change of monitoring locations shall be identified and approved by the Regional Board Executive Officer (Executive Officer) prior to their use.

The following shall constitute the groundwater monitoring program:

<u>Constituents</u>	<u>Units</u> ¹	<u>Type of Sample</u>	<u>Minimum Frequency of Analysis</u>
pH	pH units	grab	Quarterly
Temperature ²	°F	grab	Quarterly
Oxidation-reduction potential ²	millivolts	grab	Quarterly
Specific conductivity ²	µmhos/cm	grab	Quarterly
Disolved Oxygen ²	µg/L	grab	Quarterly
Total Petroleum Hydrocarbons (as gasoline)	µg/L	grab	Quarterly
Benzene	µg/L	grab	Quarterly
Toluene	µg/L	grab	Quarterly
Ethylbenzene	µg/L	grab	Quarterly
Total Xylenes	µg/L	grab	Quarterly
Methyl Tertiary Butyl Ether	µg/L	grab	Quarterly
Tertiary Butyl Alcohol	µg/L	grab	Quarterly
Di-isopropyl Ether	µg/L	grab	Quarterly
Ethyl Tertiary Butyl Ether	µg/L	grab	Quarterly
Tertiary Amyl Methyl Ether	µg/L	grab	Quarterly
Ethanol	µg/L	grab	Quarterly

Methanol	µg/L	grab	Quarterly
Tetrachloroethene (PCE)	µg/L	grab	Quarterly
1,3,5-trimethylbenzene	µg/L	grab	Quarterly
1,2,4-trimethylbenzene	µg/L	grab	Quarterly
Isopropylbenzene	µg/L	grab	Quarterly
n-propylbenzene	µg/L	grab	Quarterly
Naphthalene	µg/L	grab	Quarterly
Total dissolved solids	mg/L	grab	Quarterly
Sulfate	mg/L	grab	Quarterly
Chloride	mg/L	grab	Quarterly
Boron	mg/L	grab	Quarterly

¹ µg/L: micrograms per liter and °F: degree Fahrenheit; µmhos/cm: microohms per centimeter

² This constituent can be monitored using a field instrument.

All groundwater monitoring reports must include, at minimum, the following:

- a. Well identification, date and time of sampling;
- b. Sampler identification, and laboratory identification; and
- c. Quarterly observation of groundwater levels, recorded to 0.01 feet mean sea level and groundwater flow direction.

III. WASTE HAULING REPORT

In the event that wastes are hauled for further treatment or to a disposal site, the name and address of the hauler of the waste shall be reported in each quarterly monitoring report, along with quantities hauled during the quarter, and the location of the final point of disposal. If no wastes are hauled during the reporting period, a statement to that effect shall be submitted in the quarterly monitoring report.

IV. OPERATION AND MAINTENANCE REPORT

The Discharger shall file a technical report with this Regional Board, no later than 30 days after receipt of these Waste Discharge Requirements, relative to the operation and maintenance program for the groundwater treatment system. The information to be contained in that report shall include, at a minimum, the following:

1. The name, address, and telephone number of the person or company responsible for operation and maintenance of the groundwater treatment system;
2. Type of maintenance (preventive or corrective); and
3. Frequency of maintenance, if preventive.

V. MONITORING FREQUENCIES

Specifications in this monitoring program are subject to periodic revisions. Monitoring requirements may be modified or revised by the Executive Officer based on review of monitoring data submitted pursuant to this Order. Monitoring frequencies may be adjusted to a less frequent basis or parameters and locations dropped by the Executive Officer if the Discharger makes a request and the request is backed by statistical trends of monitoring data submitted.

VI. CERTIFICATION STATEMENT


Each report shall contain the following completed declaration:

"I certify under penalty of law that this document, including all attachments and supplemental information, was 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 that there are significant penalties for submitting false information, including the possibility of a fine and imprisonment.

Executed on the _____ day of _____ at _____

(Signature)
(Title)"

All records and reports submitted in compliance with this Order are public documents and will be made available for inspection during business hours at the office of the California Regional Water Quality Control Board, Los Angeles Region, upon request by interested parties. Only proprietary information, and only at the request of the Discharger, will be treated as confidential.

Ordered by: 
Dennis A. Dickerson
Executive Officer

Date: December 19, 2003

ATTACHMENT A

PRIORITY POLLUTANTS

Metals

Antimony
Arsenic
Beryllium
Cadmium
Chromium
Copper
Lead
Mercury
Nickel
Selenium
Silver
Thallium
Zinc

Miscellaneous

Cyanide
Asbestos (only if
specifically
required)

Pesticides & PCBs

Aldrin
Chlordane
Dieldrin
4,4'-DDT
4,4'-DDE
4,4'-DDD
Alpha-endosulfan
Beta-endosulfan
Endosulfan sulfate
Endrin
Endrin aldehyde
Heptachlor
Heptachlor epoxide
Alpha-BHC
Beta-BHC
Gamma-BHC
Delta-BHC
Toxaphene
PCB 1016
PCB 1221
PCB 1232
PCB 1242
PCB 1248
PCB 1254
PCB 1260

Base/Neutral Extractibles

Acenaphthene
Benzidine
1,2,4-trichlorobenzene
Hexachlorobenzene
Hexachloroethane
Bis(2-chloroethyl) ether
2-chloronaphthalene
1,2-dichlorobenzene
1,3-dichlorobenzene
1,4-dichlorobenzene
3,3'-dichlorobenzidine
2,4-dinitrotoluene
2,6-dinitrotoluene
1,2-diphenylhydrazine
Fluoranthene
4-chlorophenyl phenyl ether
4-bromophenyl phenyl ether
Bis(2-chloroisopropyl) ether
Bis(2-chloroethoxy) methane
Hexachlorobutadiene
Hexachlorocyclopentadiene
Isophorone
Naphthalene
Nitrobenzene
N-nitrosodimethylamine
N-nitrosodi-n-propylamine
N-nitrosodiphenylamine
Bis (2-ethylhexyl) phthalate
Butyl benzyl phthalate
Di-n-butyl phthalate
Di-n-octyl phthalate
Diethyl phthalate
Dimethyl phthalate
Benzo(a) anthracene
Benzo(a) pyrene
Benzo(b) fluoranthene
Benzo(k) fluoranthene
Chrysene
Acenaphthylene
Anthracene
1,12-benzoperylene
Fluorene
Phenanthrene
1,2,5,6-dibenzanthracene
Indeno (1,2,3-cd) pyrene
Pyrene
TCDD

Acid Extractibles

2,4,6-trichlorophenol
P-chloro-m-cresol
2-chlorophenol
2,4-dichlorophenol
2,4-dimethylphenol
2-nitrophenol
4-nitrophenol
2,4-dinitrophenol
4,6-dinitro-o-cresol
Pentachlorophenol
Phenol

Volatile Organics

Acrolein
Acrylonitrile
Benzene
Carbon tetrachloride
Chlorobenzene
1,2-dichloroethane
1,1,1-trichloroethane
1,1-dichloroethane
1,1,2-trichloroethane
1,1,2,2-tetrachloroethane
Chloroethane
Chloroform
1,1-dichloroethylene
1,2-trans-dichloroethylene
1,2-dichloropropane
1,3-dichloropropylene
Ethylbenzene
Methylene chloride
Methyl chloride
Methyl bromide
Bromoform
Dichlorobromomethane
Chlorodibromomethane
Tetrachloroethylene
Toluene
Trichloroethylene
Vinyl chloride
2-chloroethyl vinyl ether
Xylene