California Regional Water Quality Control Board

Los Angeles Region

Over 50 Years Serving Coastal Los Angeles and Ventura Counties

Recipient of the 2001 *Environmental Leadership Award* from Keep California Beautiful

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320 W. 4th Street, Suite 200, Los Angeles, California 90013
Phone (213) 576-6600 FAX (213) 576-6640 - Internet Address: http://www.swrcb.ca.gov/rwqcb4

January 8, 2003

Mr. James R. MacPherson, Jr.
Secor International, Inc.
290 Conejo Ridge Avenue, Suite 200
Thousand Oaks, CA 91361

Certified Mail
Return Receipt Requested
Claim No. 7001 2510 0004 1631 0322

Dear Mr. MacPherson:

COVERAGE UNDER GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM AND WASTE DISCHARGE REQUIREMENTS – SECOR INTERNATIONAL, INC., ARCO STATION #0194, 5884 WASHINGTON BOULEVARD, CULVER CITY, CALIFORNIA (NPDES NO. CAG834001, CI–8524)

We have completed our review of your application for a permit to discharge waste to surface water under the National Pollutant Discharge Elimination System (NPDES).

Based on the attached Fact Sheet and other information provided, we have determined that the proposed discharge of treated groundwater from groundwater cleanup activity meets the conditions to be regulated under Order No. R4-2002-0125, *General National Pollutant Discharge Elimination System and Waste Discharge Requirements for Treated Groundwater and Other Wastewaters from Investigation and/or Cleanup of Petroleum Fuel-Contaminated Sites to Surface Waters in Coastal Watersheds of Los Angeles and Ventura Counties*, adopted by this Board on July 11, 2002.

Enclosed are your Waste Discharge Requirements, which also serve as your NPDES permit, consisting of Order No. R4-2002-0125 and Monitoring and Reporting Program No. CI-8524. Prior to starting discharge, a representative sample of the effluent shall be taken and analyzed to determine compliance with the discharge limitations. The groundwater discharge flows into Ballona Creek; therefore, the discharge limits in Attachment B of Order No. R4-2002-0125 are not applicable to your discharge.

The Monitoring and Reporting Program requires you to implement the monitoring program on the effective date of coverage under this permit. All monitoring reports should be sent to the Regional Board, ATTN: Information Technology Unit.

When submitting monitoring or technical reports to the Regional Board per these requirements, please include a reference to "Compliance File No. CI-8524 and NPDES No. CAG834001", which will assure that the reports are directed to the appropriate file and staff. Also, please do not combine other reports with your monitoring reports. Submit each type of report as a separate document. In order to avoid future annual fees, please submit written notification when the project has been completed and the permit is no longer needed.

Mr. James R. MacPherson, Jr.
Secor International, Inc.

January 8, 2003

We are sending a copy of Order No. R4-2002-0125 only to the applicant. For those on the mailing list, please refer to the Board Order sent to you previously. A copy of the Order will be furnished to anyone who requests it.

If you have any questions, please contact Raul Medina at (213) 620-2160.

Sincerely,

Dennis A. Dickerson
Executive Officer

Enclosures:

General NPDES No. CAG834001, Order No. R4-2002-0125
Fact Sheet
Monitoring and Reporting Program No. CI-8524

cc: Environmental Protection Agency, Region 9, Permit Section (WTR-5)
U.S. Army Corps of Engineers
U.S. Fish and Wildlife Services, Division of Ecological Services
NOAA, National Marine Fisheries Service
Michael Lauffer, Office of Chief Counsel, State Water Resources Control Board
James Maughan, Division of Water Quality, State Water Resources Control Board
California Department of Fish and Game, Marine Resources, Region 5
California Department of Health Services, Environmental Branch
Los Angeles County, Department of Public Works, Waste Management Division
Los Angeles County, Department of Health Services
Culver City

STATE OF CALIFORNIA
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION
320 West 4th Street, Suite 200, Los Angeles, California 90013

FACT SHEET
WASTE DISCHARGE REQUIREMENTS
FOR
SECOR INTERNATIONAL, INC.
ARCO STATION #0194

NPDES NO. CAG834001
CI-8524

FACILITY ADDRESS

5884 Washington Boulevard
Culver City, California

FACILITY MAILING ADDRESS

290 Conejo Ridge Avenue, Suite 200
Thousand Oaks, CA 91361

PROJECT DESCRIPTION:

Secor International, Inc. proposes to discharge wastewater from a groundwater cleanup project at 5884 Washington Boulevard, Culver City, California. The site is an active Arco gasoline service station. Groundwater beneath the site is impacted with petroleum-fuel compounds. Prior to discharge, the groundwater will be treated via particulate filters and three granular activated carbon filters installed in series. The groundwater treatment system is located within a concrete secondary containment basin.

VOLUME AND DESCRIPTION OF DISCHARGE:

Up to 7,200 gallons per day of treated groundwater will be discharged into the storm water catch basin located at Washington Boulevard, near the corner of La Cienega Boulevard (Latitude: 34° 01' 57", Longitude: 118° 22' 23"). The discharge flows to Ballona Creek, a water of the United States. The site location map and process instrumentation diagram are shown in Figures 1 and 2, respectively.

FREQUENCY OF DISCHARGE:

The discharge of treated groundwater will be intermittent and will last up to five years.

REUSE OF WATER:

Offsite disposal of treated waste is not feasible due to high cost of disposal. Discharge to the sewer is not feasible because of inaccessibility and the high cost of sewer connection. The property and the immediate vicinity have no landscaped areas that require irrigation. Since there are no feasible reuse options, the groundwater will be discharged to the storm drain.

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

MONITORING AND REPORTING PROGRAM NO. CI-8524
FOR
SECOR INTERNATIONAL, INC.
(ARCO STATION #0194)
(NPDES NO. CAG834001)

I. REPORTING REQUIREMENTS

A. The discharger shall implement this monitoring program on the effective date of this permit. The discharger shall submit monitoring reports to the Regional Board by the dates in the following schedule:

Reporting Period	Report Due
January - March	May 15
April - June	August 15
July - September	November 15
October - December	February 15
Annual Summary Report	March 15

B. The first monitoring report under this Program is due by May 15, 2003. The annual summary report, shall contain a discussion of the previous year's effluent monitoring data, as well as graphical and tabular summaries of the data. If there is no discharge during any reporting period, the report shall so state.

C. All monitoring reports shall include the discharge limitations in the Order, tabulated analytical data, the chain of custody form, and the laboratory report (including but not limited to date and time of sampling, date of analyses, method of analysis and detection limits).

D. Before commencing a new discharge, a representative sample of the effluent shall be collected and analyzed for toxicity and for all the constituents listed in F.1, and the test results must meet all applicable limitations of Order No. R4-2002-0125.

II. SAMPLE COLLECTION REQUIREMENTS

A. Daily samples shall be collected each day.
B. Weekly samples shall be collected on a representative day of each week.
C. Monthly samples shall be collected on a representative day of each month.
D. Quarterly samples shall be collected in February, May, August, and November.
E. Semi-annual samples shall be collected in May and November.
F. Annual samples shall be collected in November.

III. EFFLUENT MONITORING REQUIREMENTS

A. Sampling station(s) shall be established at the discharge point and shall be located where representative samples of the effluent can be obtained. Provisions shall be made to enable visual inspections before discharge. In the event of presence of oil sheen, debris, and/or other objectionable materials or odors, discharge shall not commence until compliance with the requirements is demonstrated. All visual observations shall be included in the monitoring report.

B. If monitoring result indicate an exceedance of a limit contained in Order R4-2002-0125, the discharge shall be terminated and shall only be resumed after remedial measures have been implemented and full compliance with the requirements has been ascertained.

C. In addition, as applicable, following an effluent limit exceedance, the discharger shall implement the following accelerated monitoring program:

1. Monthly monitoring shall be increased to weekly monitoring,
2. Quarterly monitoring shall be increased to monthly monitoring , and
3. Semi-annually monitoring shall be increased to quarterly.

If three consecutive accelerated monitoring events demonstrate full compliance with effluent limits, the discharger may return to the regular monitoring frequency, with the approval of the Executive Officer of the Regional Board.

D. The following shall constitute the discharge monitoring program:

Constituent	Units	Type of Sample	Minimum Frequency of Analysis
Flow	gal/day	totalizer	continuously
pH	pH units	grab	monthly
Temperature	°F	grab	monthly
Total Suspended Solids	mg/L	grab	monthly
Turbidity	NTU	grab	monthly
$BOD_5$20°C	mg/L	grab	monthly
Settleable Solids	ml/L	grab	monthly
Sulfides	mg/L	grab	monthly
Total petroleum hydrocarbons[1]	µg/L	grab	monthly
Benzene	µg/L	grab	monthly[2]
Toluene	µg/L	grab	monthly[2]
Ethylbenzene	µg/L	grab	monthly[2]

[1] This includes all fuels, gasoline, diesel, and jet fuel.

[2] Samples shall be collected weekly for the first one month of operation and monthly thereafter, if no exceedance is observed.

Constituent	Units	Type of Sample	Minimum Frequency of Analysis
Xylenes	µg/L	grab	monthly[2]
Ethylene dibromide	µg/L	grab	monthly[2]
Lead	µg/L	grab	monthly[2]
Methyl tertiary butyl ether (MTBE)	µg/L	grab	monthly[2]
Naphthalene	µg/L	grab	monthly[2]
Di-isopropyl ether (DIPE)	µg/L	grab	monthly[2]
Tertiary butyl alcohol (TBA)	µg/L	grab	monthly[2]
Acute Toxicity	% survival	grab	annually

IV. EFFLUENT TOXICITY TESTING

A. The discharger shall conduct acute toxicity testing tests on 100% effluent grab samples by methods specified in 40 CFR Part 136 which cites USEPA's *Methods for Measuring the Acute Toxicity of Effluents to Freshwater and Marine Organisms*, August 1993, (EPA/600/4-90/027F) or a more recent edition. Submission of bioassay results should include the information noted on pages 71-74 of the EPA/600/4-90/027F document.

B. The fathead minnow, *Pimephales promelas*, shall be used as the test species for fresh water discharges and the topsmelt, *Atherinops affinis,* shall be used as the test species for brackish discharges. The method for topsmelt is found in USEPA's *Short-term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to West Coast Marine and Estuarine Organisms,* First Edition, August 1995, (EPA/600/R-95/136).

C. If the results of the toxicity test yields a survival of less than 90%, then the frequency of analyses shall increase to monthly until at least three test results have been obtained and full compliance with effluent limitations has been demonstrated, after which the frequency of analyses shall revert to annually. Results of toxicity tests shall be included in the first monitoring report following sampling.

V. GENERAL PROVISIONS FOR REPORTING

A. The discharger shall inform this Regional Board 24 hours before the start of the discharge.

B. All chemical, bacteriological, and toxicity analyses shall be conducted at a laboratory certified for such analyses by the California Department of Health Services Environmental Laboratory Accreditation Program (ELAP) or approved by the Executive Officer. A copy of the laboratory certification shall be provided with the first monitoring report and each time a new and/or renewal is obtained from ELAP.

C. Samples must be analyzed within allowable holding time limits as specified in 40 CFR Part 136.3. Proper chain of custody procedures must be followed and a copy shall be submitted with the report.

D. As required in part I.4. of Order No. R4-2002-0125, the monitoring report shall specify the USEPA analytical method used, the Method Detection Limit and the Minimum Level for each pollutant.

VI. NOTIFICATION

A. The discharger shall notify the Executive Officer in writing prior to discharge of any chemical which may be toxic to aquatic life. Such notification shall include:

1. Name and general composition of the chemical,
2. Frequency of use,
3. Quantities to be used,
4. Proposed discharge concentrations and,
5. EPA registration number, if applicable.

No discharge of such chemical shall be made prior to obtaining the Executive Officer's approval.

B. The discharger shall notify the Regional Board via telephone and/or fax within 24 hours of noticing an exceedance above the effluent limits in Order No. R4-2002-0125. The discharger shall provide to the Regional Board within 14 days of observing the exceedance a detailed statement of the actions undertaken or proposed that will bring the discharge into full compliance with the requirements and submit a timetable for correction.

VII. MONITORING FREQUENCIES

Monitoring frequencies may be adjusted by the Executive Officer to a less frequent basis if the discharger makes a request and the request is backed by statistical trends of monitoring data submitted.

Ordered by: _____
Dennis A. Dickerson
Executive Officer

Date: January 8, 2003

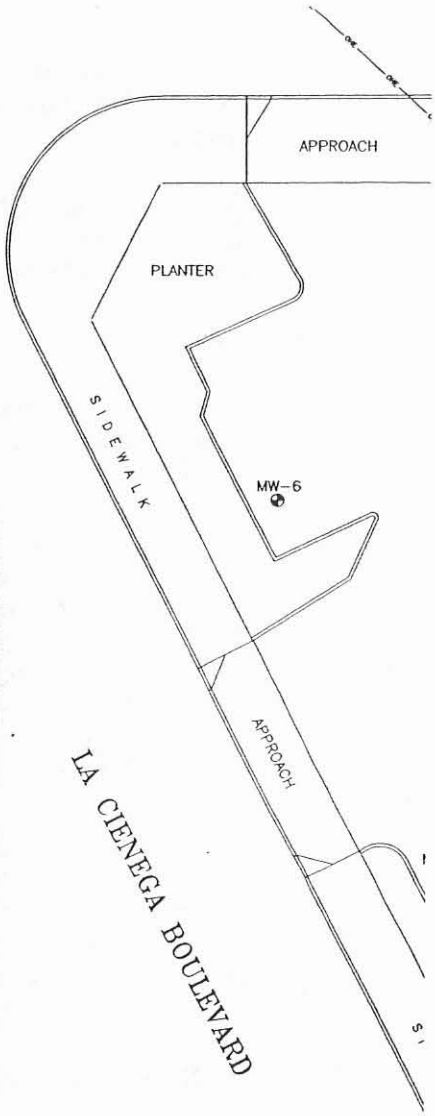
/RM

DUAL PHASE EXTRACTIO

ATLANTIC RICHFIELD COMPANY
STATION NO. 0194
5884 WASHINGTON BOULEVARD
CULVER CITY, CALIFORNIA

PROJECT NO. 37BP.00194.00.0946
SEPTEMBER 2002

FIGURE	FIGURE TITLES
1	COVER SHEET, SITE LOCATION MAP, GENERAL NOTES AND TRENCH LOCATIONS
2	WELL-HEAD, VAULT AND TRENCH DETAILS
3	STORM WATER CATCH BASIN TIE-IN DETAIL & PIPING AND INSTRUMENTATION DIAGRAM
4	SUPPLEMENTAL CONSTRUCTION NOTES & GENERAL SPECIFICATIONS



SITE LOCATION MAP

SOURCE: USGS 7.5 MINUTE TOPOGRAPHIC MAP, HOLLYWOOD QUADRANGLE, 1966
PHOTOREVISED 1981
BEVERLY HILLS QUADRANGLE, 1966
PHOTOREVISED 1981

0 2000 4000
APPROXIMATE SCALE IN FEET

GENERAL SITE LEGEND

MW-2	GROUNDWATER I
VMW-1	DESTROYED GRC
DPW-D	DUAL PHASE EX
B-2	SOIL BORING LC
HA-5	HAND AUGER BO
P-1-4'	SOIL SAMPLE LC
MW-10(P)	PROPOSED MON
WB	2'x2' EMPTY I
PP	POWER POLE
	EXISTING CHAIN-
OE	EXISTING LOCATI

GENERAL CONSTRUCTION NOTES:

THE SCOPE OF WORK INCLUDES INSTALLATION OF SUBSURFACE PIPING IN APPROXIMATELY 340 FEET OF TRENCH.

THE WORK UNDER THIS CONTRACT INCLUDES FURNISHING ALL LABOR, MATERIALS, AND EQUIPMENT NOT SUPPLIED BY THE OWNER INCLUDING INSTALLATION OF EXTRACTION WELL VAULTS.

ALL CONSTRUCTION ACTIVITIES SHALL BE CONDUCTED DURING THE HOURS FROM 6:00 AM TO 8:00 PM. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL VERIFY ALL FIELD DIMENSIONS, AND EXACT LOCATION AND DEPTH OF EXISTING UTILITIES AND BURIED OBSTACLES, PROTECT IN PLACE, AND IF DAMAGED, CONTRACTOR SHALL REPAIR THEM AT NO ADDED EXPENSE TO OWNER OR ENGINEER. CONTRACTOR SHALL BE RESPONSIBLE FOR SUBSURFACE OBSTACLES ENCOUNTERED DURING EXCAVATIONS.

CONTRACTOR SHALL BE REQUIRED TO SAW CUT EXISTING CONCRETE AND ASPHALT IN A NEAT STRAIGHT LINE WITH NO OVER-CUTS, AND REPLACE SURFACE WITH SIMILAR MATERIAL UPON COMPLETION. REMOVAL AND RESTORATION OF PAVEMENT SHALL NOT BE AN INTERRUPTION TO TRAFFIC IN THE THOROUGHFARE. SPECIAL CONDITIONS, USE OF TRENCH PLATES, AND HOURS OF OPERATION (NOTED ABOVE) SHALL BE INCORPORATED DURING CONSTRUCTION ACTIVITIES.

CONTRACTOR SHALL INSTALL ALL PIPING AND CONDUITS, ACCORDING TO ALL LOCAL, STATE, AND FEDERAL CONSTRUCTION CODES. CONTRACTOR SHALL INTERFACE WITH BUILDING INSPECTORS TO PROVIDE ENGINEER WITH FINAL SIGNED-OFF PERMIT AT COMPLETION OF JOB.

REVISION	DATE	DESCRIPTION	REVISED	CHECKED	APPROVED
A	10SEP02	PRELIMINARY REVIEW	RAR	NK	JB
B	13SEP02	TRENCH DETAIL REV.	RAR	NK	JB

DESIGNED BY:	N. KELLER
DRAWN BY:	R. ROMAN
CHECKED BY:	N. KELLER
APPROVED BY:	J. BOLLIER
DATE:	10SEP02

SECOR
International Incorporated
290 CONEJO RIDGE AVENUE, SUITE 200
THOUSAND OAKS, CA 91361 (805) 230-1266

Figure 1-Site Location Map

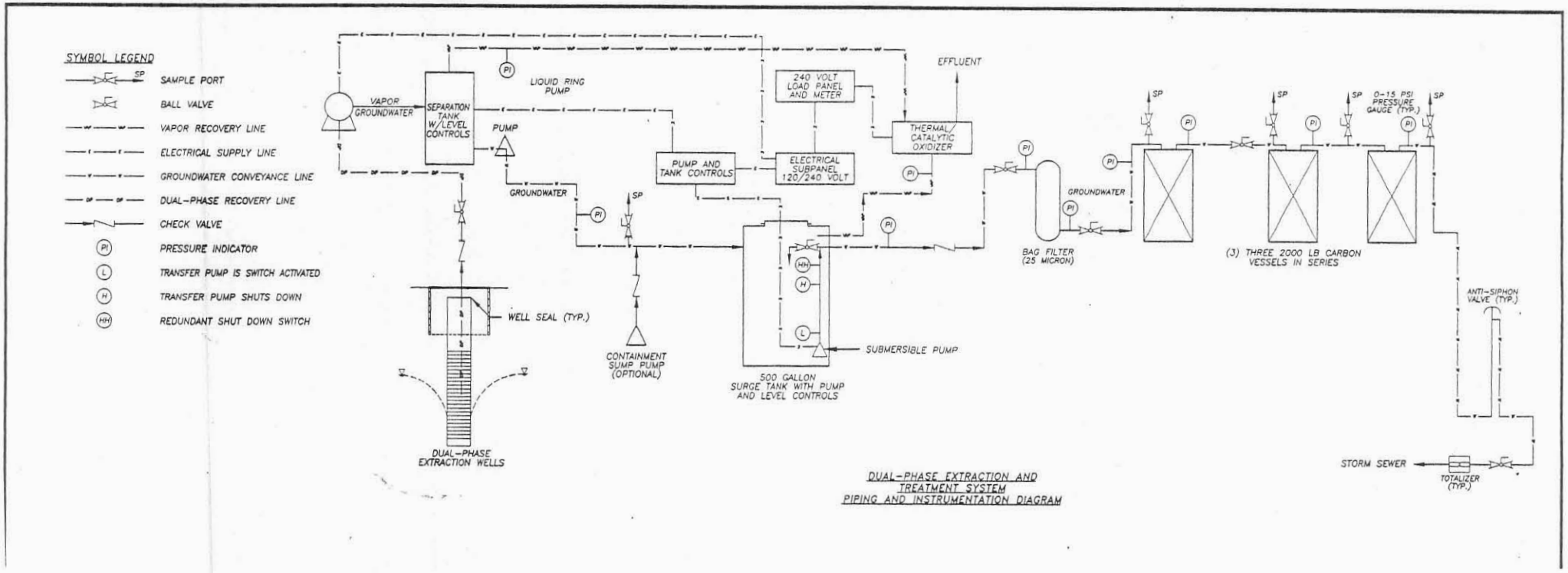


Figure 2-Flow Schematic Diagram