

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER NO. 94-044
REVISED SITE CLEANUP REQUIREMENTS AND
RESCISSION OF ORDER NO. 92-151

SAN FRANCISCO AIRPORTS COMMISSION
AND UNITED STATES COAST GUARD
TAXIWAY C PROJECT
SAN FRANCISCO INTERNATIONAL AIRPORT
SAN FRANCISCO, SAN FRANCISCO COUNTY

The California Regional Water Quality Control Board, San Francisco Bay Region, hereinafter called the Board, finds that:

Description of Discharger

1. The San Francisco Airports Commission (SFAC) and the United States Coast Guard (hereinafter called the Dischargers) operate a facility (hereinafter called the Facility) located at the San Francisco International Airport. The Facility is divided into two sites: first, a site (designated the Taxiway "C" apron) which is owned and operated by the San Francisco Airports Commission and was formerly used as a marine terminal for distribution of aircraft fuel, and second, a site (designated USCG site) which is owned and operated by the United States Coast Guard (USCG).
2. The Facility has a number of potential contamination sources within, and in close proximity to, the Taxiway "C" Project's site where known soil and ground water contamination exists. The reported contamination sources are the former and current hydrocarbon storage and distribution systems within the USCG site, the former marine fuel terminal (Naval Operating Base), and the adjacent United Airlines' Maintenance Operations Center.
3. A groundwater extraction system was installed at the USCG site and the SFAC site by the SFAC in 1993.
4. The USCG will assume all reporting and contamination remedial responsibilities for the USCG site.
5. The SFAC will assume all reporting and contamination remedial responsibilities for the SFAC Taxiway "C" apron site.
6. The Facility is at the northerly end of the San Francisco International Airport, and partially borders the west shore of Seaplane Harbor.

Previous Investigations

7. Investigations were conducted as a result of concerns for health and safety that were raised when subsurface contamination was identified during the construction of the Taxiway "C" project. The SFAC has submitted a May 20, 1992 Site Investigation and Remediation Plan, which reported the following soil and ground water contamination at both the SFAC Taxiway "C" and USCG sites:
 - a. Soil Contamination
 - i. Total petroleum hydrocarbons (TPH) as gasoline (EPA Method 5030/8015, modified) was reported as high as 1,100 mg/kg (near WCC-12);
 - ii. TPH as diesel (EPA Method 5030/8015, modified) was reported 16 mg/kg and 21 mg/kg in the construction of WCC-25 and WCC-33, respectively; and,

- iii. Benzene was reported below the detection limits, which are 5 ug/kg (EPA Method 8020).
- b. Ground Water Contamination
- i. TPH as gasoline (EPA Method 5030/8015, modified) was reported as high as 0.9 mg/l (WCC-10);
 - ii. TPH as jet fuel (EPA Method 5030/8015, modified) was reported as high as 23 mg/l (WCC-38)(USCG site); and,
 - iii. Benzene (EPA Method 5030/8020) as high as 130 ug/l (WCC-10).

Hydrogeology

8. The contaminated areas are generally underlain by 3 to 15 feet of heterogenous fill. The underlying native formational materials are comprised of Bay Mud. The surface of the underlying ground water fluctuates tidally, occurring at depths. Although the surface of the ground water generally ranges from near the surface to about 5 feet below, it was not encountered in some borings at a depth of 10 feet below ground surface.

Remediation Plan

9. The SFAC's May 20, 1992 Site Investigation and Remediation Plan proposes to conduct ground water monitoring and/or remediation as follows:
- i. Install a ground water extraction system to remove contaminated ground water identified in boring WCC-25;
 - ii. Install a ground water extraction system to remove contaminated ground water identified near the former USCG above ground storage tank area, near borings WCC-31 and WCC-38;
 - iii. Install two ground water monitoring wells/sumps downgradient of borings WCC-9 and WCC-10 to determine the lateral extent of groundwater contamination;
 - iv. Install one ground water monitoring well/sump east of Building 1000, near boring WCC-12;
 - v. No remedial actions or ground water monitoring near boring WCC-1, where TPH as diesel of 0.2 mg/l and TPH as jet fuel of 0.07 mg/l were reported; and,
 - vi. No remedial actions or ground water monitoring near boring WCC-3, where TPH as jet fuel of 0.1 mg/l and xylene of 4.1 ug/l were reported.
10. The Dischargers propose to treat extracted ground water with a oil/water separator and activated carbon before discharge to the airport's industrial wastewater treatment system.
11. The installation of the Facility groundwater extraction systems as identified in Findings 9.i., 9.ii., 9.iii., and 9.iv., has been completed. Operation of the SFAC groundwater extraction system is expected to begin in January 1994. The USCG groundwater extraction system has been tested and is ready for operation. The approximate date the USCG extraction system will begin operation has not been determined.

Cost Recovery

12. The Board's staff has notified the both the SFAC and the USCG that pursuant to Sections 25270.9 and 25270.11 of Chapter 6.67, Division 20 of California's Health and Safety Code the Dischargers shall be liable to the extent of the reasonable costs actually incurred in overseeing or contracting for cleanup or abatement efforts. The SFAC has agreed to reimburse the State according to Sections 25270.9 and 25270.11 for all reasonable Board's staff costs for the oversite of cleanup and abatement efforts connected with the SFAC Taxiway "C" site. The USCG has agreed to reimburse the State

according to Sections 25270.9 and 25270.11 for all reasonable Board's staff costs for the oversight of cleanup and abatement efforts connected with the USCG site.

13. The SFAC shall also be liable to reimburse the State for its reasonable costs related to cleanup activities, not otherwise reimbursed, pursuant to Section 13304(c) of the California Water Code.

Basin Plan

14. The Board adopted a revised Water Quality Control Plan for the San Francisco Bay Region (Basin Plan) on December 17, 1986 and amended it on August 19, 1987, July 18, 1989 and December 11, 1991. This Order implements the water quality objectives for the Basin Plan.

Beneficial Uses

15. The existing and potential beneficial uses of the Central San Francisco Bay are:
 - a. Water contact recreation;
 - b. Non-contact water recreation;
 - c. Wildlife Habitat;
 - d. Preservation of Rare and Endangered Species;
 - e. Estuarine Habitat;
 - f. Fish migration and spawning;
 - g. Industrial service supply;
 - h. Navigation; and,
 - i. Commercial and Sport Fishing.
16. The potential beneficial uses of groundwater underlying the Facility that is deeper than 100 feet are:
 - a. Municipal Supply;
 - b. Industrial Process and Service Supply; and,
 - c. Agricultural Supply.

The shallow aquifer beneath the Facility has varying water quality. The specific beneficial uses and appropriate cleanup standards for this shallow aquifer will be determined based on technical information to be developed during the investigation and remedial action plan approval process.

California Environmental Quality Act

17. This action is an Order to enforce the laws and regulations administered by the Board. This action is categorically exempt from the provisions of the California Environmental Quality Act pursuant to Section 15321, Title 14, California Code of Regulations.

Notice and Meeting

18. The Board has notified the Dischargers and interested agencies and persons of its intent under California Water Code Section 13304 to prescribe Site Cleanup Requirements for the discharge and has provided them with an opportunity for a public hearing and an opportunity to submit their written views and recommendations.
19. The Board, in a public meeting, heard and considered all comments pertaining to the discharge.

IT IS HEREBY ORDERED, pursuant to Section 13304 of the California Water Code and Section 25270 of the California Health and Safety Code, that the Dischargers shall cleanup and abate the effects described in the above findings as follows:

A. Prohibitions

1. The discharge of wastes or hazardous materials in a manner which will degrade water quality or adversely affect the beneficial uses of the waters of the State is prohibited.
2. Further significant migration of pollutants through subsurface transport to waters of the State is prohibited.
3. Activities associated with subsurface investigation and cleanup which will cause significant adverse migration of pollutants are prohibited.
4. The discharge of recovered free phase liquid petroleum hydrocarbons onto land, into ground waters or surface waters is prohibited.

B. Specifications

1. The storage, handling, treatment or disposal of soil or ground water containing pollutants shall not create a nuisance as defined in Section 13050(m) of the California Water Code.
2. The Dischargers shall conduct free phase liquid petroleum hydrocarbons recovery activities, as needed, to remove all pools of free phase liquid petroleum hydrocarbons beneath the Facility.
3. The Dischargers shall remediate soil and water contamination, which actually or threatens to degrade water quality or adversely affect the beneficial uses of the waters of the State.

C. Provisions

The Dischargers shall comply with the Prohibitions and Specifications above according to the following time schedule:

(San Francisco Airport Commission)

1. Submission of a technical report, acceptable to the Executive Officer, related to remedial measures for the contamination identified in the May 20, 1992 Site Investigation and Remediation Plan, including, but not necessarily limited, to the following:
 - a. A remedial plan which addresses the contaminated soil identified near Building 1000;
 - b. Ground water monitoring wells in the area of borings WCC-1 and WCC-3, and a plan which will address the contamination found near borings WCC-1 and WCC-3.

REPORT DUE: No later than May 3, 1994

2. The Dischargers are required to reimburse the State for all reasonable costs of the State incurred in overseeing or contracting for cleanup or abatement efforts.
3. The Dischargers shall maintain a copy of this order at the Facility so as to be available at all times to project personnel.

4. The Dischargers' technical reports, as appropriate, shall include a projection of the cost, effectiveness, benefits, and impact on public health, welfare, and environment of each alternative measure. The reports shall consider the guidance provided by the State Water Resources Control Board's Resolution No. 68-16, "Statement of Policy with Respect to Maintaining High Quality of Waters in California".
5. Technical reports, submitted by the Dischargers, in compliance with the Prohibitions, Specifications, and Provisions of this Order shall be submitted to the Board on the schedule specified herein. These reports shall consist of a letter report that includes the following:
 - a. A summary of work completed since submittal of the previous report and work projected to be completed by the time of the next report;
 - b. Identification of any obstacles which may threaten compliance with the schedule of this Order and what actions are being taken to overcome these obstacles;
 - c. In the event of non-compliance with any Prohibition, Specification or Provision of this Order, written notification which clarifies the reasons for non-compliance and which proposes specific measures and a schedule to achieve compliance. This written notification shall identify work not completed that was projected for completion, and shall identify the impact of non-compliance on achieving compliance with the remaining requirements of this Order, and,
 - d. In the first self-monitoring report, an evaluation of the current ground water monitoring system and a proposal for modifications as appropriate.
6. All submittals of hydrogeological plans, specifications, reports, and documents prepared in compliance with the provisions of this Order (except quarterly progress and self-monitoring reports), shall be signed by and stamped with the seal of a registered geologist, registered engineering geologist, or registered professional engineer.
7. All samples shall be analyzed by State certified laboratories or laboratories accepted by the Board using approved EPA methods for the type of analysis to be performed. All laboratories shall maintain quality assurance/quality control records for Board review.
8. The Dischargers shall maintain in good working order, and operate as efficiently as possible, any Facility or control system installed to achieve compliance with the requirements of this Order.
9. Copies of all correspondence, reports, and documents pertaining to compliance with the Prohibitions, Specifications, and Provisions of this Order, submitted by the Dischargers, shall also be provided to the following agencies:
 - a. San Francisco International Airport;
 - b. City of South San Francisco;
 - c. San Francisco County Health Department; and,
 - d. California Environmental Protection Agency, Department of Toxic Control Substances.
10. The Dischargers shall permit the Board or its authorized representative, in accordance with Section 13267 (c) of the California Water Code, the following:
 - a. Entry upon premises in which any pollution sources exist, or may potentially exist, or in which any required records are kept, which are relevant to this Order;
 - b. Access to copy all records required to be kept under the terms and conditions of this Order;

- c. Inspection of any monitoring equipment or methodology implemented in response to this Order, and,
 - d. Sampling of any ground water or soil which is accessible, or may become accessible, as part of any investigation or remedial action program undertaken by the Dischargers.
11. The Dischargers shall file with this Board a report of any material change or proposed change in the character, location, or quantity of this waste discharge. For the purpose of these requirements, this includes any proposed change in the boundaries, contours, or ownership of the disposal areas.
12. The Board considers the property owner and site operators to have a continuing responsibility for correcting any problems within their reasonable control which arise in the future as a result of this waste discharge or water applied to this property during subsequent use of the land for other purposes.
13. These requirements do not authorize the commission of any act causing injury to the property of another or of the public, do not convey any property rights, do not remove liability under federal, state or local laws, and do not authorize the discharge of waste without the appropriate federal, state or local permits, authorizations, or determinations.
14. If any hazardous substance is discharged in or on any waters of the state, or discharged and deposited, or probably will be discharged in or on any waters of the state, the Dischargers shall
- a. Report such discharge to the following:
 - (1) This Regional Board at (510) 286-1255 on weekdays during office hours from 8 a.m. to 5 p.m.; and,
 - (2) The Office of Emergency Services at (800) 852-7550.
 - b. A written report shall be filed with the Regional Board within five working days and shall contain information relative to the following:
 - (1) The nature of waste or pollutant;
 - (2) The quantity involved and the duration of incident;
 - (3) The cause of spill;
 - (4) The estimated size of affected area;
 - (5) The corrective measures that have been taken or planned, and a schedule of these measures; and,
 - (6) The persons/agencies notified.
15. The Board will review this Order periodically and may revise the requirements when necessary.
16. If the Dischargers are delayed, interrupted or prevented from meeting one or more of the completion dates specified in this Order, the Dischargers shall promptly notify the Executive Officer and the Board shall consider revision to this Order.
18. Regional Board Order No. 92-151 is hereby rescinded.

I, Steven R. Ritchie, 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, San Francisco Bay Region on March 16, 1994

A handwritten signature in black ink, consisting of several overlapping loops and a long horizontal stroke extending to the right.

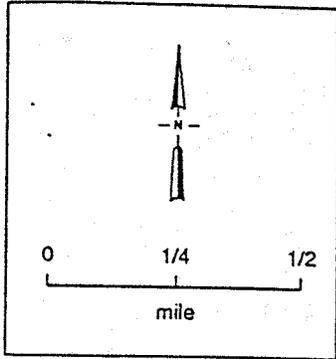
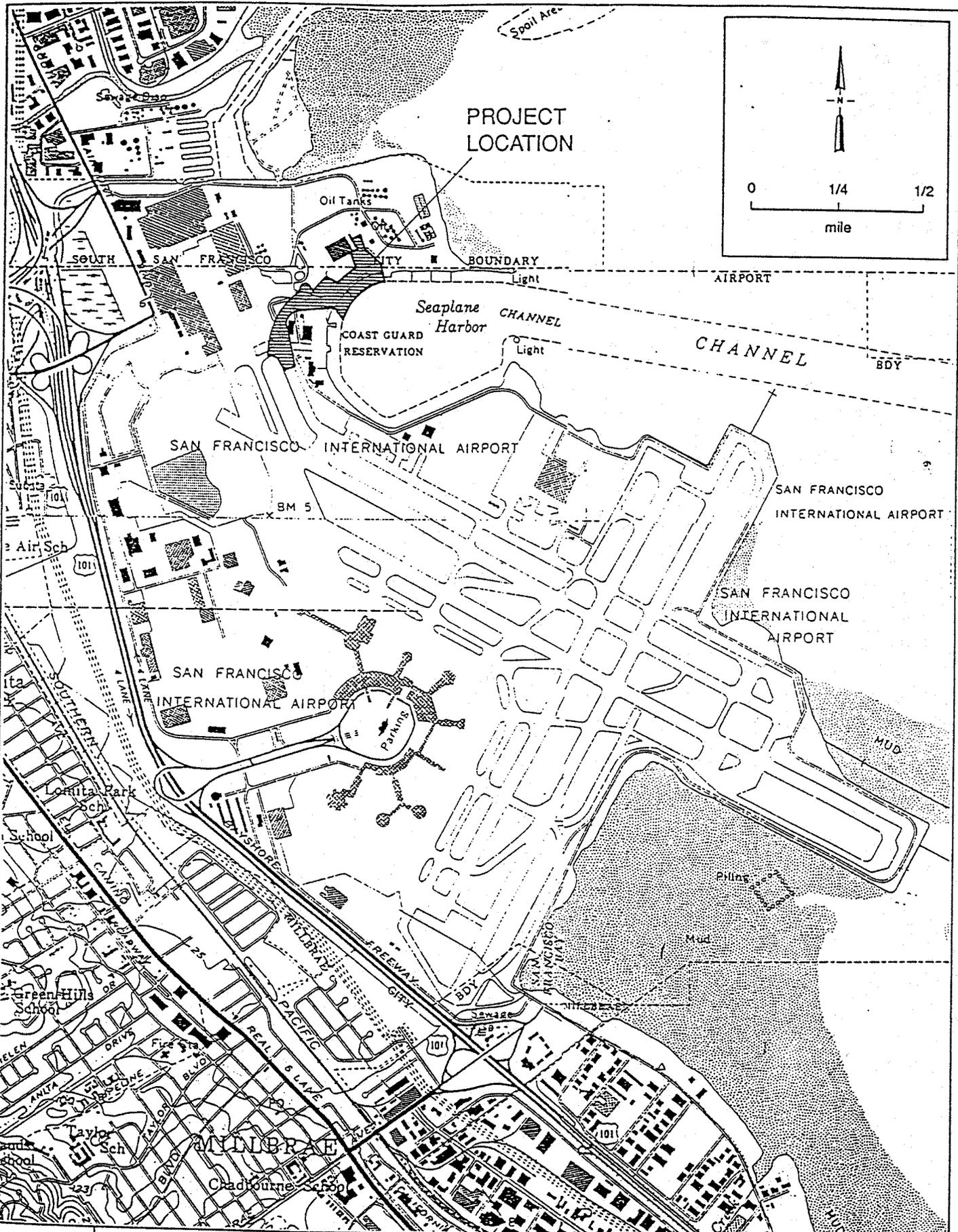
Steven R. Ritchie
Executive Officer

Attachments:

Figure 1, Site Location Map

Figure 2, Well Location Map

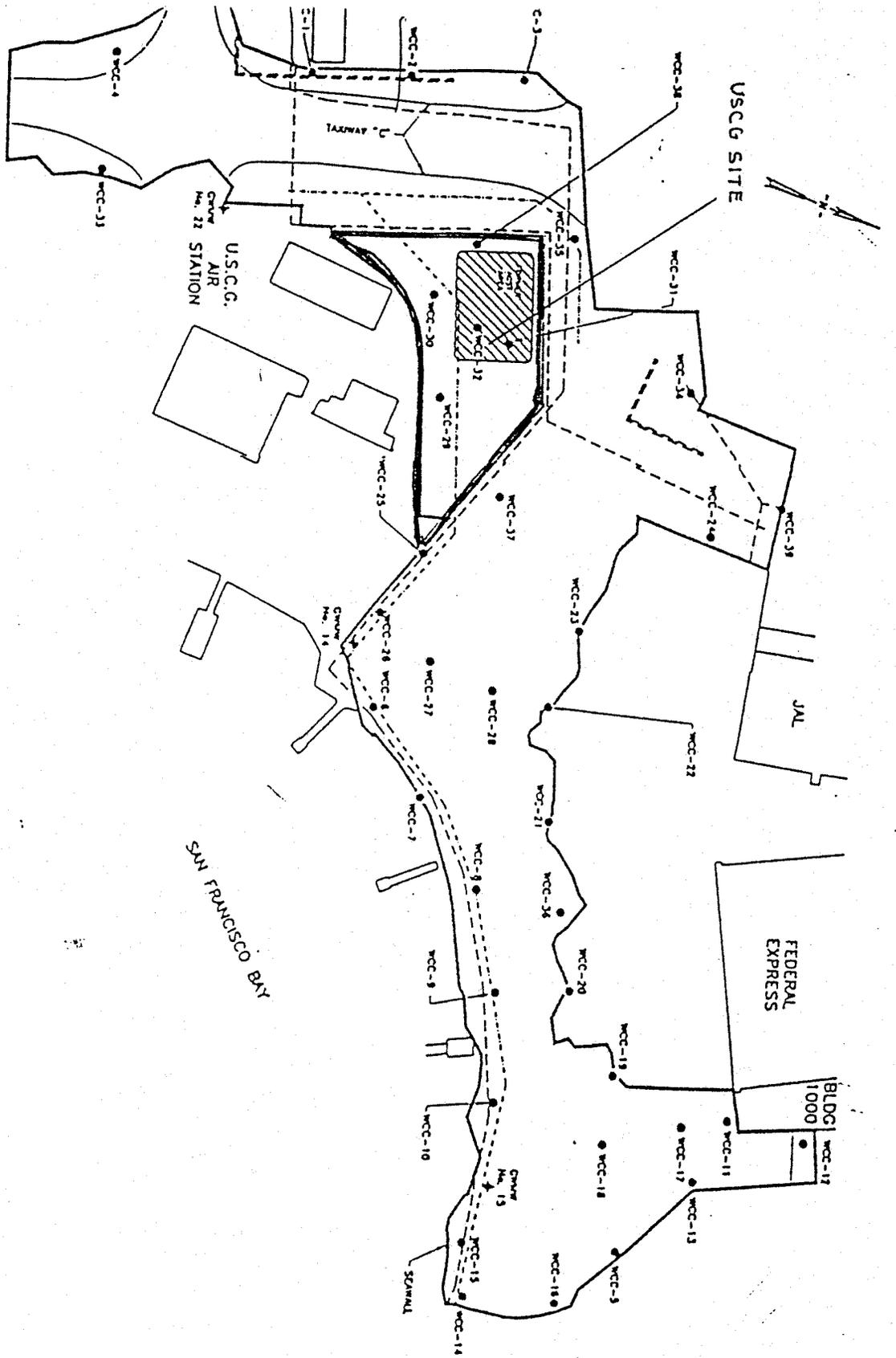
Self Monitoring Program



Project No. 92C0129A
 Taxiway "C" Project Site
 San Francisco International Airport
Woodward-Clyde Consultants

SITE LOCATION MAP

Figure 1-1



- LEGEND**
- LIMIT OF RWCS
 - AIRFIELD PERL
 - TAXIWAY
 - INDUSTRIAL WA
 - FENCE
 - MCC-1 SOX BOMBING L
 - ◆ APPROXIMATE LOCATION OF EXISTING OR MONITORING WELLS
 - USCG 5

Project No. 92C0129A	S.F. INTERNATIONAL AIRPORT	SITE MAP
	Taxiway "C" Project Site	
Woodward-Clyde Consultants		

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

SELF-MONITORING PROGRAM

FOR

SAN FRANCISCO AIRPORTS COMMISSION
AND
THE UNITED STATES COAST GUARD
TAXIWAY C PROJECT
SAN FRANCISCO INTERNATIONAL AIRPORT
SAN FRANCISCO, SAN FRANCISCO COUNTY

REVISED SITE CLEANUP REQUIREMENTS

ORDER NO. 94-044

CONSISTS OF

PART A

AND

PART B

PART A

A. General

1. Reporting responsibilities of waste Dischargers are specified in Sections 13225(a), 13267(b), 13383, and 13387(b) of the California Water Code and this Regional Board's Resolution No.73-16.
2. The principal purposes of a self-monitoring program by a waste discharger are the following:
 - a. To document compliance with Site Cleanup Requirements and prohibitions established by the Board;
 - b. To facilitate self-policing by the waste discharger in the prevention and abatement of pollution arising from waste discharge;
 - c. To develop or assist in the development of standards of performance, toxicity standards and other standards; and,
 - d. To prepare water and wastewater quality inventories.

B. Sampling And Analytical Methods

1. Sample collection, storage, and analyses shall be performed according to the most recent version of Standard Methods for the Analysis of Wastewater, and Test Methods for Evaluating Solid Waste EPA Document SW-846, or other EPA approved methods and in accordance with an approved sampling and analysis plan.
2. Water and waste analysis (except total suspended solids) shall be performed by a laboratory approved for these analyses by the State Department of Health. The director of the laboratory or his duly authorized representative, whose name appears on the certification shall supervise all analytical work in his/her laboratory and shall sign all reports of such work submitted to the Regional Board.
3. All monitoring instruments and equipment shall be properly calibrated and maintained to ensure accuracy of measurements.

C. Definition Of Terms

1. A grab sample is a discrete sample collected at any time.
2. Duly authorized representative is a duly authorized representative may thus be either a named individual or any individual occupying a named position such as the following:
 - a. Authorization is made in writing by a principal executive officer; or,
 - b. Authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity, such as general partner in a partnership, sole proprietor in a sole proprietorship, the position of plant manager, operator of a well or a well field, superintendent, position of equivalent responsibility, or an individual or position having overall responsibility for environmental matters for the company.

D. Schedule Of Sampling, Analysis, And Observations

1. The Dischargers are required to perform sampling, analysis, and observations according to the schedule specified in Part B, and the requirements in Article 5 of Chapter 15.

2. A statistical analysis shall be performed and reported annually as described in the current revision of Appendix II of Chapter 15.

E. Records To Be Maintained By The Dischargers

1. Written reports shall be maintained by the Dischargers for ground water monitoring and wastewater sampling, and shall be retained for a minimum of three years. This period of retention shall be extended during the course of any unresolved litigation regarding this discharge or when requested by the Board. Such records shall show the following for each sample:
 - a. Identity of sample and sample station number;
 - b. Date and time of sampling;
 - c. Method of composite sampling (See Section C-Definition of Terms);
 - d. Date and time that analyses are started and completed, and name of the personnel performing the analyses;
 - e. Complete procedure used, including method of preserving the sample, and the identity and volumes of reagents used. A reference to a specific section of a reference required in Part A Section B is satisfactory;
 - f. Calculation of results;
 - g. Results of analyses, and detection limits for each analyses; and,
 - h. Chain of custody forms for each sample.

F. Reports To Be Filed With The Board

1. Ground water monitoring results shall be filed monthly until the schedule allows quarterly samples, then reports shall be quarterly. Written self-monitoring reports shall be filed no later than 45 calendar days following the end of the report period. In addition an annual report shall be filed as indicated. The reports shall be comprised of the following:
 - a. Letter of Transmittal - A letter transmitting the essential points in each self-monitoring report should accompany each report. Such a letter shall include a discussion of any requirement violations found during the last report period, and actions taken or planned for correcting the violations, such as, operation and/or facilities modifications. If the Dischargers have previously submitted a detailed time schedule for correcting requirement violations, a reference to the correspondence transmitting such schedule will be satisfactory. If no violations have occurred in the last report period this shall be stated in the letter of transmittal. Monitoring reports and the letter transmitting the monitoring reports shall be signed by a principal executive officer at the level of vice president or his duly authorized representative, if such representative is responsible for the overall operation of the Facility from which the discharge originates. The letter shall contain a statement by the official, under penalty of perjury, that to the best of the signer's knowledge the report is true, complete, and correct. The letter shall contain the following certification:

"I certify under penalty of law that this document and all attachments are 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 managed 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 fine and imprisonment for knowing violations."

- b. Each monitoring report shall include a compliance evaluation summary sheet. Until the Order's amended to specify ground water protection standards, the following shall apply and the compliance sheet shall contain:
- i. The method and time of water level measurement, the type of pump used for purging, pump placement in the well, method of purging, pumping rate, equipment and methods used to monitor field pH, temperature, and conductivity during purging, calibration of the field equipment, results of the pH, temperature conductivity and turbidity testing, well recovery time, and method of disposing of the purge water; and,
 - ii. Type of pump used, pump placement for sampling, a detailed description of the sampling procedure; number and description of equipment, field and travel blanks; number and description of duplicate samples; type of sample containers and preservatives used, the date and time of sampling, the name and qualifications of the person actually taking the samples, and any other observations; the chain of custody record.
- c. A summary of the status of any remediation work performed during the reporting period. This shall be a brief and concise summary of the work initiated and completed as follows:
- i. As interim corrective action measures; and,
 - ii. To define the extent and rate of migrations of waste constituents in the soil and ground water at the site.
- d. The Dischargers shall each describe, in a quarterly report, the reasons for significant increases in a pollutant concentration at a well onsite. The description shall include the following:
- i. The source of the increase;
 - ii. How the Dischargers determined or will investigate the source of the increase; and,
 - iii. What source removal measures have been completed or will be proposed.
- e. A map or aerial photograph showing observation and monitoring station locations, and plume contours for each chemical in each aquifer shall be included as part of the quarterly Self-Monitoring Report.
- f. Laboratory statements of results of analyses specified in Part B must be included in each report. The director of the laboratory or his duly authorized representative, whose name appears on the laboratory certification shall supervise all analytical work in his/her laboratory and shall sign all reports of such work submitted to the Board. The following information shall be provided:
- i. The methods of analyses and detection limits must be appropriate for the expected concentrations. Specific methods of analyses must be identified. If methods other than EPA approved methods or Standard Methods are used, the exact methodology must be submitted for review; and,
 - ii. In addition to the results of the analyses, laboratory quality control/quality assurance (QA/QC) information must be included in the monitoring report. The laboratory QA/QC information should include the method, equipment and analytical detection limits; the recovery rates; an explanation for any recovery rate that is less than 80%; the results of equipment and method blanks; the results of spiked and surrogate samples; the frequency of quality control analysis; and the name and qualifications of the person(s) performing the analyses.

- g. By January 31 of each year the Dischargers shall each submit an annual report to the Board covering the previous calendar year. This report shall contain:
- i. Tabular and graphical summaries of the monitoring data obtained during the previous year,
 - ii. A comprehensive discussion of the compliance record, and the corrective actions taken or planned which may be needed to bring the Dischargers into full compliance with the Site Cleanup Requirements; and,
 - iii. A written summary of the ground water analyses indicating any change in the quality of the ground water.

G. In the event the Dischargers violates or threatens to violate the conditions of the Site Cleanup Requirements and prohibitions or intends to experience a plant bypass or treatment unit bypass due to:

1. Maintenance work, power failures, or breakdown of waste treatment equipment, or,
2. Accidents caused by human error or negligence, or,
3. Other causes, such as acts of nature.

The Dischargers shall notify the Regional Board office by telephone as soon as he or his agents have knowledge of the incident and confirm this notification in writing within 7 working days of the telephone notification. The written report shall include time and date, duration and estimated volume of waste bypassed, method used in estimating volume and person notified of the incident. The report shall include pertinent information explaining reasons for the noncompliance and shall indicate what steps were taken to prevent the problem from recurring.

In addition, the waste discharger shall promptly accelerate his monitoring program to analyze the discharge at least once every day. Such daily analyses shall continue until such time as the effluent limits have been attained, until bypassing stops or until such time as the Executive Officer determines to be appropriate. The results of such monitoring shall be included in the regular Self-Monitoring Report.

Part B

A. Description Of Observation Stations And Schedule Of Observations

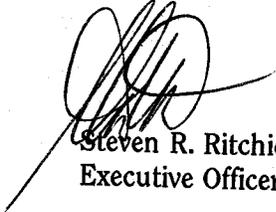
1. The observation stations shall consist of all existing ground water monitoring wells, and any additional ground water monitoring wells added during the remediation work.
2. The schedule of well observations and grab sampling shall be conducted within the months of January, April, July and October.
3. The amount of ground water extracted and oil extracted during the quarter and total during this order shall be report quarterly.
4. A map showing the potentiometric surface of the underlying ground water shall submitted quarterly.

B. Observations and Test Procedures

1. The ground water well observations shall consist of the following:
 - a. Water elevation reported to the nearest 0.1 inch for both depth to water from the ground surface and the elevation of the ground water level as well as the elevation of the well screen;
 - b. Ground water temperature measured at the time of sampling and reported in degrees Fahrenheit;
 - c. Ground water conductivity measured at the time of sampling as per Standard Methods 205 using potentiometric methodology;
 - d. Ground water pH measured at the time of sampling as per Standard Methods 423 using potentiometric methodology;
 - e. Ground water turbidity measured at the time of sampling; and,
 - f. The thickness of free phase petroleum hydrocarbons measured in tens of feet.
2. The test procedures for the ground water samples and soil samples shall be as described herein. The following section shall not apply to groundwater samples taken from wells with more than 0.1 inch thickness of free phase petroleum hydrocarbon product:
 - a. Volatile aromatic compound analysis, including benzene, ethylbenzene, toluene, and xylene using EPA Method 5030/8020;
 - b. Total Petroleum hydrocarbons and Fuel Hydrocarbons using the EPA Method 5030/8015 (Modified); and,
 - c. Total Oil and Grease using Standard Methods 418.1. infrared analysis.
3. The operation of the ground water extraction system shall be described, including by not limited to the during of operation of each extraction well, volume recovered and the method of disposal of the recovered material.

I, Steven R. Ritchie, Executive Officer, hereby certify that the foregoing Self-Monitoring Program is as follows:

1. Developed in accordance with the procedures set forth in this Board's Resolution No. 73-16;
2. Effective on the date shown below; and,
3. May be reviewed or modified at any time subsequent to the effective date, upon written notice from the Executive Officer, or request from the Discharger.


Steven R. Ritchie
Executive Officer

March 16, 1994
Date Ordered

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

NOTICE OF EXEMPTION
From the Requirements of
The California Environmental Quality Act

To: State Of California
Office of Planning & Research
1400 10th Street
Sacramento, CA 95814

From: California Regional Water Quality
Control Board, San Francisco
Bay Region
2101 Webster Street, Suite 500
Oakland, CA 94612

Project Title: SAN FRANCISCO AIRPORTS COMMISSION AND UNITED STATES COAST GUARD, TAXIWAY C PROJECT, SAN FRANCISCO INTERNATIONAL AIRPORT, SAN FRANCISCO, SAN FRANCISCO COUNTY - Adoption Of Revised Site Cleanup Requirements Order No. 94-044 And Rescission of Order No. 92-151.

Project Location - Specific: Taxiway C, San Francisco International Airport, South San Francisco, California.

Project Location - County: San Francisco County.

Description of Nature, Purpose, and Beneficiaries of Project:

Nature: This Order establishes tasks and a time schedule for the remediation of petroleum hydrocarbon contaminated soil and ground water. The Order also establishes a self monitoring program for the ground water monitoring.

Purpose: To protect quality and beneficial uses of waters of the State of California.

Beneficiaries: People of the State of California

Name of Public Agency Approving Project: California Regional Water Quality Control Board, San Francisco Bay Region

Name of Person or Agency Carrying Out Project: San Francisco Airports Commission and United States Coast Guard

Exempt Status:

Ministerial (Sec. 15073)

Declared Emergency (Sec. 15071 (a))

Emergency Project (Sec. 15071 (b) and (c))

X Categorical Exemption. State type and section number: 15321 Enforcement Order

Other Exemption. State type:

Reason Why Project is Exempt: Site Cleanup Requirements

Contact Person:

Terry Seward

Area Code:

(510) 286-4155


Steven R. Ritchie

Executive Officer

Date Filed:

March 16, 1994

Telephone No.:

(510) 286-1255