



Cal/EPA

**San Francisco
Bay Regional
Water Quality
Control Board**

1515 Clay Street #1400
Oakland, CA 94612
(510) 622-2300
FAX (510) 622-2460

ENVIRONMENTAL
PROTECTION

98 NOV -9 PM 4:40

File



Pete Wilson
Governor

NOV 06 1998

Date:
SLIC No. 01S0002 (DCL)

Craig Denny
Union Pacific Railroad Company
1416 Dodge Street, Room 930
Omaha, NE 68179

ST-D 1327

Subject: Issuance of Certificate of Completion, Former Alcan Site, 1077 East Shore Highway, Albany, Alameda County

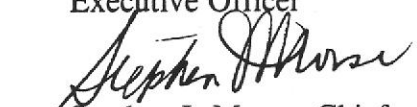
Dear Mr. Denny:

Enclosed is a copy of a tentative resolution to be considered by the Board at its meeting of December 16, 1998. The tentative resolution comprises a certificate of completion and signifies that soil and groundwater cleanup at the subject site is done. The meeting will be held in the Auditorium of the Elihu Harris State Building at 1515 Clay Street, Oakland. The meeting starts at 9:30am. Please submit any comments you have no later than 5 p.m. on November 30, 1998.

Please contact Derek Lee of my staff at (510) 622-2374 if you have any questions.

Sincerely,

Loretta K. Barsamian
Executive Officer


Stephen I. Morse, Chief
Toxics Cleanup Division

Enclosure: Tentative Resolution
cc w/ enc: Mailing List

MAILING LIST

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Wilanco, Inc.
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Berkeley, CA 94797

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2151 Berkeley Way
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**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION**

Tentative Resolution

CERTIFICATE OF COMPLETION

Unified Agency Review of Hazardous Materials Release Sites
California Health and Safety Code §§ 25260-25268

The California Regional Water Quality Control Board, San Francisco Bay Region, was designated as the Administering Agency by the Site Designation Committee after a request by *Southern Pacific Transportation Company* (the Responsible Party) to oversee the Site Investigation and Remedial Action at *1077 East Shore Highway, Albany, Alameda County* (the Hazardous Materials Release Site). See Cal/EPA Resolution No. *95-22*, attached as Exhibit "A" to this Certificate.

In accordance with Health and Safety Code § 25264, the Administering Agency, after appropriate consultation with other agencies, has determined and/or certifies that:

1. The Site Investigation and Remedial Action at the Site has been satisfactorily completed and a permanent remedy has been accomplished [§ 25264(b)]. Actions taken are described in Exhibit "B" attached.
2. Applicable Remedial Action standards and objectives were achieved [§ 25264(b)].
3. The Responsible Party has complied with the requirements of all state and local laws, ordinances, regulations, and standards that are applicable to the Site Investigation and Remedial Action [§ 25264(c)].
4. This Certificate of Completion is issued based upon the available information, including the current land use, and with the provision that the information provided to the Administering Agency was accurate and representative of site conditions.

No agency may take action against the Responsible Party with respect to the hazardous materials release at the site except as specified in Health and Safety Code § 25264(c) (1) through (6).

I, Loretta K. Barsamian, Executive Officer, do hereby certify that the foregoing is a full, true, and correct copy of a Resolution adopted by the California Regional Water Quality Control Board, San Francisco Bay Region, on December 16, 1998.

Loretta K. Barsamian
Executive Officer

1005 S/A

**CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
SITE DESIGNATION COMMITTEE
RESOLUTION NO. 95-22
AUGUST 30, 1995**

WHEREAS, Chapter 6.65 of the Health and Safety Code, commencing with Section 25260 establishes a Site Designation Committee; and

WHEREAS, the Site Designation Committee may designate an Administering Agency to oversee a site investigation and remedial action at a hazardous materials release site upon request of a responsible party; and

WHEREAS, Southern Pacific Transportation Company, a responsible party as defined in Health and Safety Code Section 25260(h), requested the Site Designation Committee to designate an administering agency to oversee site investigation and remedial action resulting from releases at 1077 East Shore Highway, Albany, Alameda County, California; and

WHEREAS, this site is a hazardous materials release site as defined in Health and Safety Code Section 25260; and

WHEREAS, the Site Designation Committee noticed a hearing for August 30, 1995, and heard public testimony regarding the application; and

WHEREAS, the Site Designation Committee considered the application and furthermore, considered all factors and criteria set forth in Health and Safety Code Section 25262(c); and

WHEREAS, Southern Pacific Transportation Company agrees to reimburse appropriate agencies for their appropriate oversight costs, where those agencies' significant involvement is necessary for the furtherance of the project goals;

WHEREAS, the Site Designation Committee has determined that, based on consideration of all of the factors listed in Health and Safety Code Section 25262(c), the California Regional Water Quality Control Board, San Francisco Region, is the appropriate agency to act as the administering agency.

NOW, therefore, be it resolved that the Site Designation Committee hereby designates the California Regional Water Quality Control Board, San Francisco Region, as the administering agency for the site; and

**SITE DESIGNATION COMMITTEE
RESOLUTION NO. 22
Page Two**

BE IT FURTHER RESOLVED that this designation is subject to the following conditions:

1. California Regional Water Quality Control Board, San Francisco Region, shall consult on an ongoing basis, with all appropriate agencies who have expressed an interest in this site, including all agencies who would otherwise be issuing a permit or other form of authorization:

- a. in administering all state and local laws which are applicable;
- b. in determining the adequacy of site investigation and remedial activities; and
- c. prior to issuing any permit or other forms of authorization.

2. Such consultation will also include notification of information as it becomes available to the administering agency that the original application was inaccurate or was incomplete.

3. If an advisory team is convened by the Site Designation Committee, a representative of the administering agency shall attend all advisory team meetings.

CERTIFICATION

The undersigned Chair of the Site Designation Committee does hereby certify that the foregoing is a full, true, and correct copy of a resolution duly and regularly adopted at a meeting of the Site Designation Committee held in Sacramento, California on August 30, 1995.

DATED: _____

9-14-95



Val F. Siebal, Chair
Site Designation Committee

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION**

INTERNAL MEMO

TO: Stephen A. Hill
Section Leader

FROM: Derek Lee
WRCE

DATE: October 5, 1998

SIGNATURE: Derek Lee

CONCUR: Stephen Hill
Section Leader

CONCUR: Stephen Hill
Division Chief

SUBJECT: No Further Action, Former Alcan Site, 1077 East Shore Highway, Albany, Alameda County

The subject site has been conducting subsurface investigation and remediation since the mid 1980's. Based upon the available information on site conditions and current land use, no further action related to the pollutant releases at the subject site is required. Details of site conditions and investigation and remediation activities are contained in the attached Site Closure Summary.

Background

The former Alcan plant produced aluminum products at the site and ceased operations in 1984. The adjacent Wilanco property has been used for industrial operations, primarily diesel engine servicing and sales, and currently houses several retail, commercial, and light industrial businesses. A sheet pile runs diagonally through the site and divides it into west and east sides. The primary pollutants found at the site were mineral spirits east of the sheet pile and a mixture of petroleum products termed "black ooze" on the west side. The site had been under the oversight of the Department of Toxic Substances Control (DTSC) until August 30, 1995. The Board was then designated as the administering agency (Cal/EPA Resolution No. 95-22) under the California Health & Safety Code Section 25262. No Board Orders have been issued for the site.

Remediation on the West Side

On-site soils west of the sheet pile were excavated to a depth of approximately 8 to 12 feet bgs. Approximately 21,250 tons of impacted soils and 1,500 tons of clean overburden were excavated to meet a 100 ppm cleanup goal for TPH. The removed soils were then subject to thermal treatment. Some areas of soil exceeding the cleanup objective were allowed to be left in place to prevent undermining the foundation of nearby buildings. Board staff concurred with the completion of soil remediation on the west side in a letter dated February 17, 1998.

Groundwater samples taken from well, MW-ERM-1, on the west side have consistently yielded minimal contamination with TPHg. In addition, since groundwater under the site contains TDS as high as 6,330 ppm, it is not considered a potential source of drinking water.

Remediation on the East Side

Enhanced bioremediation for soils on the east side began in 1991. The contaminated soils were excavated and then treated with addition of nutrients to enhance biological breakdown of the pollutants. The treated soils were then backfilled. A target cleanup goal of 500 ppm for TPH was agreed to first by DTSC and then the Board. Post-remediation soil samples from the fill on the east side have all yielded TPH concentrations below 500 ppm. However, two Bay Mud samples did show concentrations of 680 and 730 ppm TPH. However, because the soil TPH is far from the surface (>8 feet bgs) and local groundwater is not a potential source of drinking water, as stated above, these levels of contamination are considered acceptable. No remediation or risk management is needed to protect human health and the environment.

Recommendations

This site is ready for closure based on the available information. The groundwater monitoring well, MW-ERM-1, should be appropriately destroyed after obtaining the necessary permits. A well closure report should be submitted within 60 days of issuance of the Certificate of Completion.

Attachment: Site Closure Summary

SITE CLOSURE SUMMARY

I. AGENCY INFORMATION

Date:

Agency Name: S.F.B.R.W.Q.C.B.	Address: 2401 Webster Street 1515 Clay St. # 1900
City/State/Zip: Oakland, CA 94612	Phone: (510) 306-1215 622-2900
Responsible Staff Person: Derek Lee	Title: WRCE

II. SITE INFORMATION

Site Facility Name: Former Alcan Site				
Site Facility Address: 1077 Eastshore Highway, Albany, Alameda County				
RB/SMS Case No*: 0150002	Local or LOP Case No*:	Priority*:		
URP Filing Date*:	SWBPS No*:			
Responsible Parties (include addresses and phone numbers)				
C.J. (CRAIG) DENNY, MGR. ENVIRONMENTAL SITE REMEDIATION				
UNION PACIFIC RAILROAD COMPANY 1416 ADAMS ST., ROOM 930				
OMAHA, NE 68179 402/271-3248				
Tank No.	Size in Gallons	Contents	Closed In-Place/Removed?	Date
NA				

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release:		
Site characterization complete? Yes No	Date Approved By Oversight Agency:	
Monitoring wells installed? <input checked="" type="radio"/> Yes <input type="radio"/> No	Number: 1	Proper screened interval? Yes No
Highest GW Depth Below Ground Surface: 5	Lowest Depth: 8	Flow Direction: WEST
Most Sensitive Current Use:		
Most Sensitive Potential Use and Probability of Use		



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Our mission is to preserve and enhance the quality of California's water resources, and ensure their proper allocation and efficient use for the benefit of present and future generations.

Are drinking water wells affected? Yes <input type="radio"/> No <input checked="" type="radio"/>	Aquifer Name:
Is surface water affected? Yes <input type="radio"/> No <input checked="" type="radio"/>	Nearest/Affected SW Name:
Off-Site Beneficial Use Impacts (Addresses/Locations):	
Report(s) on file? Yes <input checked="" type="radio"/> No <input type="radio"/>	Where is report(s) filed?



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TREATMENT AND DISPOSAL OF AFFECTED MATERIAL									
Material	Amount (Include Units)			Action (Treatment or Disposal w/Destination)				Date	
Tank									
Piping									
Free Product									
Soil	21,250 TONS			LOW TEMP. THERMAL DESORB.					
Groundwater									
Barrels									
MAXIMUM DOCUMENTED POLLUTANT CONCENTRATIONS—BEFORE AND AFTER CLEANUP									
POLLUTANT	Soil (ppm)		Water (ppb)		POLLUTANT	Soil (ppm)		Water (ppb)	
	Before	After	Before	After		Before	After	Before	After
TPH (Gas)	<100	NA	240	<.1	Xylene			<.6	
TPH (Diesel)	730	<100	1,100	<50	Ethylbenzene			<.3	
Benzene			<.3		Other				
Toluene			<.3		Other				
Other					Other				
Comments (Depth of Remediation, etc.): 1500 TONS CLEAN OVERBURDEN REMOVED, FOLLOW BY EXCAVATION APPROX 320 x 480 x 12 ft DEEP									

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? <input checked="" type="radio"/> Yes <input type="radio"/> No		
Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? <input checked="" type="radio"/> Yes <input type="radio"/> No		
Does corrective action protect public health for current land use? <input checked="" type="radio"/> Yes <input type="radio"/> No		
Site Management Requirements:		
Monitoring Wells Decommissioned: Yes <input checked="" type="radio"/> No <input type="radio"/>		
Number Decommissioned:		Number Retained:
List Enforcement Actions Taken:		



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List Enforcement Actions Rescinded:



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V. TECHNICAL REPORTS, CORRESPONDENCE ETC., THAT THIS CLOSURE RECOMMENDATION WAS BASED UPON

Title: SOIL REMEDIAL ACTION CLOSURE REPORT (CRM)	Date: 11/97
GROUND WATER MONITORING SUMMARY (CRM)	8/98
FORMER ALLAN BERKELEY PLANT "EAST SIDE" (CRM)	9/98
PRELIMINARY ENDANGERMENT ASSESSMENT (OBERG) (CRM)	1/93
ADDENDUM - PRELIM. ENDANGERMENT ASSESSMENT (OBERG)	3/94

VI. ADDITIONAL COMMENTS, DATA, ETC.

(PLEASE INCLUDE/ATTACH THE FOLLOWING AS APPROPRIATE:

1) SITE MAP INDICATING TANK PIT LOCATION, MONITORING WELL LOCATION, GROUNDWATER GRADIENT.

ETC. AND

2) SITE COMMENTS WORTHY OF NOTICE (E.G. AREA OF RESIDUAL POLLUTION LEFT IN PLACE, DEAD NOTICES

ETC.)



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