

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R063

7

April 7, 2006

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

Mr. Jon Braden
McGrath Steel Company
6655 Hollis St.
Emeryville, CA 94608

Dear Mr. Braden:

Subject: Fuel Leak Case R00000063, McGrath Steel Company, 6655 Hollis St.,
Emeryville, CA 94608

Alameda County Environmental Health (ACEH) staff has received and reviewed the case file for the subject site including the March 2, 2006 Site Characterization Report prepared by Weiss Associates. This report provides the results of the 2005 soil and groundwater investigation performed within 67th St., which attempted to determine the extent of the petroleum release from the former fuel USTs at the subject site. Additional information is required to progress toward case closure. We have the following observations and technical comments. Please address these comments and submit the technical reports requested below.

TECHNICAL COMMENTS

1. The sampling results from borings B-10 and B-12 located near the former Clearprint tanks reported contamination described as gasoline by the analytical laboratory. Therefore, we do not concur with your consultant's conclusion that TPHg and BTEX originating from the Clearprint USTs are contributing to the groundwater plume. These tanks did not contain gasoline, therefore, we believe the contamination has likely come from the former McGrath Steel tanks and this confirms that the County was correct closing the Clearprint site. In addition, we do not concur that there is significant data to support the claim that an up-gradient source is also contributing to the groundwater plume.
2. A significant release of TPHg, TPHd and BTEX into groundwater was identified down-gradient of the former McGrath Steel tanks. The concentrations of TPHg in borings B-11 through B-13 report up to 290 ppm TPHg, 100 ppm TPHd, and 24, 39, 6.7 and 37 ppm BTEX, respectively, in groundwater. Although grab groundwater results are qualitative in nature, these concentrations are near saturation and could indicate the presence of free product. Therefore, the need for interim cleanup for plume migration control must be considered. In addition, the extent of the plume remains unknown and must be determined. Your consultant recommends using a soil gas survey to make this determination. We also believe that the plume may have migrated beneath the existing warehouse(s). Please provide a work plan for plume delineation and discusses interim remediation as requested below.
3. The groundwater flow direction has been assumed the same as that determined for the Clearprint site. Additional monitoring wells must be installed to define the extent of the plume and determine site-specific gradient. We concur with your consultant's proposal for additional wells, however, we believe it may require more than two additional wells to characterize the plume. Please indicate when you will be submitting a work plan for additional monitoring wells.

4. The MTBE release has not been adequately characterized. Although low levels of TPHg and BTEX remain in soil, up to 12 ppm MTBE was detected in the soil sample from B-14, immediately down-gradient of the former tanks. Elevated MTBE in groundwater from MW-3 was reported at 12 ppm. It appears that significant residual MTBE remains in soil and groundwater near the former USTs. Your interim remediation should also address residual MTBE. In 1998, up to 59 ppm MTBE was detected in the groundwater sample from boring B-5 but the recent groundwater samples in this area detect approximately 0.4 ppm. It therefore appears that the MTBE plume has migrated beyond these 2005 sampling points.

TECHNICAL REPORT REQUEST

Please submit the following technical report to our office according to the following schedule:

- May 9, 2005- Work Plan for Plume Delineation, Interim Remediation and monitoring well installation.

ELECTRONIC SUBMITTAL OF REPORTS

Effective **January 31, 2006**, the Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities. Please do not submit reports as attachments to electronic mail.

Submission of reports to the Alameda County ftp site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) Geotracker website. Submission of reports to the Geotracker website does not fulfill the requirement to submit documents to the Alameda County ftp site. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitor wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, electronic submittal of a complete copy of all necessary reports was required in Geotracker (in PDF format). Please visit the SWRCB website for more information on these requirements (http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting).

In order to facilitate electronic correspondence, we request that you provide up to date electronic mail addresses for all responsible and interested parties. Please provide current electronic mail addresses and notify us of future changes to electronic mail addresses by sending an electronic mail message to me at barney.chan@acgov.org.

PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the

Mr. Jon Braden
6655 Hollis St., Emeryville
Page 3 of 3

following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

UNDERGROUND STORAGE TANK CLEANUP FUND

Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

If you have any questions, please call me at (510) 567-67xxx.

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

cc: files, D. Drogos
Ms. Maile Smith, Weiss Associates, 350 Middlefield Rd., Mountain View, CA 94043
4_7_08 6655 Hollis St

Chan, Barney, Env. Health

From: Maile Smith [lms@weiss.com]
Sent: Friday, October 28, 2005 4:48 PM
To: Chan, Barney, Env. Health
Subject: site investigation & workplan comments, McGrath Steel, RO63

Hi Barney -

This e-mail is a follow-up to our phone conversation last week, during which we discussed the additional requested items in your 9/19/05 letter approving the McGrath Steel 8/26/05 workplan.

McGrath has agreed to add the requested items to their site characterization investigation, including the TPH-ms analysis in boreholes B-10 and B-12. In addition, one additional boring will be located between proposed borings B-8 and B-11, and a conduit study will be conducted, consisting of a file and plan review at the City Public Works and Building Departments and visual observations of aboveground features onsite. TPH-ms analysis will be by EPA Method 8015M purgeable, at the recommendation of the analytical lab, and chromatographs for TPH-ms and TPH-gas standards will be provided with sample analytical results. If TPH-ms is detected, McGrath would, however, assume no responsibility for the remediation of that contaminant, which is known to have originated from the former Clearprint USTs.

You also requested that monitoring well MW-3 be monitored during the investigation. Currently, the well is scheduled to be sampled in late November 2005. We propose that the scheduled monitoring event be rescheduled, if necessary, to coincide with the site characterization activities. In addition, it would be very helpful if you could assist us in locating the lat/long survey coordinates for this well, which is required for GeoTracker reporting. Since Clearprint would have been required to report these data previously, we assume that they exist somewhere in the County's records for that site. We'd be very appreciative of any help or information you could provide regarding that well.

Please feel welcome to call or e-mail should you have any questions or additional comments.

Thanks,
Maile

:::
L. Maile Smith, PG
Project Manager

Weiss Associates
350 East Middlefield Road
Mountain View, California 94043

p. 650.968.7000
f. 650.968.7034
e. lms@weiss.com
:::

The information and/or attachments contained herein may be privileged, confidential, and protected from disclosure. If you are not the intended recipient, any dissemination or copying is strictly prohibited. If you think or know that you have received this mail in error, please notify the sender, delete all copies and discard any printouts without reading the information contained within.

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



7

September 19, 2005

Mr. Jon Braden
McGrath Steel Company
6655 Hollis St.
Emeryville, CA 94608

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

Dear Mr. Braden:

Subject: Fuel Leak Case **RO0000063**, McGrath Steel Company, 6655 Hollis St.,
Oakland, CA 94608

Alameda County Environmental Health (ACEH) staff has recently reviewed the case file for the subject site including the Site Characterization Workplan McGrath Steel Company, dated August 26, 2005, prepared by Weiss Associates. We approve the work plan, however, we request that you address the following technical comments, perform the proposed work, and send us the technical reports requested below.

TECHNICAL COMMENTS

1. We request that one additional boring, located between proposed borings B-8 and B-11, be added to your proposal. This boring will be used to estimate potential exposure to warehouse workers.
2. Based upon the presence of former mineral spirits tanks located at 1482 67th St., soil and groundwater samples taken from borings B-10 and B-12 should also be run for Total Petroleum Hydrocarbons as mineral spirits, TPHms. We request that monitoring well MW-3, formerly from Clearprint, be monitored during this investigation.
3. Conduit Study- The purpose of the conduit study is to locate potential migration pathways and potential conduits and determine the probability of the plume encountering preferential pathways and conduits that could spread the contamination. We request that you perform a conduit study that details the potential migration pathways and potential conduits (utilities, storm drains, etc.) that may be present in the vicinity of the site, particularly within 67th St.. Provide a map showing the location and depth of all utility lines and trenches including sewers and storm drains within and near the plume area.
4. Geotracker EDF Submittals - Pursuant to CCR Sections 2729 and 2729.1, beginning September 1, 2001, all analytical data, including monitoring well samples, submitted in a report to a regulatory agency as part of the LUFT program, must be transmitted electronically to the SWRCB Geotracker website via the internet. Additionally, beginning January 1, 2002, all permanent monitoring points utilized to collect groundwater samples (i.e. monitoring wells) and submitted in a report to a regulatory agency, must be surveyed (top of casing) to mean sea level and latitude and longitude accurate to within 1-meter accuracy, using NAD 83, and transmitted electronically to the SWRCB Geotracker website. Beginning July 1, 2005, electronic submittal of a complete copy of all reports (LUFT or SLIC) is required in Geotracker (in PDF format).

In order to remain in regulatory compliance, please upload all LUFT analytical data (collected on or after September 1, 2001 and SLIC analytical data post July 1, 2005), to the SWRCB's Geotracker database website in accordance with the above-cited regulation.

TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health according to the following schedule:

- 60 days after soil and groundwater investigation- Soil and groundwater investigation report and conduit study.

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

ELECTRONIC SUBMITTAL OF REPORTS

ACEH's Environmental Cleanup Oversight Programs (LOP and SLIC) now request submission of reports in electronic form. The electronic copy is intended to replace the need for a paper copy and is expected to be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program FTP site are provided on the attached "Electronic Report Upload Instructions." Submission of reports to the Alameda County FTP site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) Geotracker website. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitoring wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, electronic submittal of a complete copy of all reports is required in Geotracker (in PDF format). Please visit the State Water Resources Control Board for more information on these requirements (http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting).

PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

UNDERGROUND STORAGE TANK CLEANUP FUND

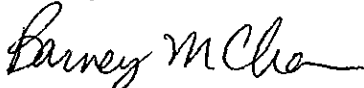
Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

AGENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to \$10,000 per day for each day of violation.

If you have any questions, please call me at (510) 567-6765.

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: files, D. Drogos

Ms. Maile Smith, Weiss Associates, 350 E. Middlefield Road, Mountain View, CA
94043-4004

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



7

June 30, 2005

Mr. Jon Braden
McGrath Steel Company
6655 Hollis St.
Emeryville, CA 94608

ENVIRONMENTAL HEALTH SERVICES

ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

Dear Mr. Braden:

Subject: Fuel Leak Case RO0000063, McGrath Steel Company, 6655 Hollis St.,
Oakland, CA 94608

This letter is to inform you that case closure has been given for the environmental case at the Clearprint Paper Co. located at 1482 67th St., Emeryville. We request that McGrath Steel take ownership of monitoring well MW-3, initially installed by Clearprint Paper Co. and incorporate this monitoring well in your groundwater monitoring program. Please analyze groundwater for the following analytes: TPHd, TPHg, BTEX, MTBE and the ether oxygenates (TAME, ETBE, DIPE and TBA) and the lead scavengers, EDB and EDC as it appears this well is monitoring the release from the former McGrath Steel underground tanks. Additionally, ACEH's August 4, 2004 letter requested that you submit a work plan for soil and groundwater characterization by September 7, 2007. This report has not been received and is nearly 10 months late.

TECHNICAL REPORT REQUEST

Please submit the following technical reports according to the following schedule.

- July 29, 2005- Groundwater sampling report for MW-3
- July 29, 2005- Work plan for soil and groundwater characterization
- October 29, 2005- Groundwater sampling report for MW-3.

AGENCY OVERSIGHT

If it appears that significant delays have occurred in site activity and reporting, your site may be referred to the Regional Board or other appropriate agency for enforcement. In addition, delays in investigation or reporting may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund, a potential source for reimbursement of costs for cleanup.

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that all work plans and technical reports containing professional geologic or engineering evaluations and/or judgments be completed under the direction of an appropriately-registered or certified professional. This registered or certified professional shall sign and wet stamp all such reports and work plans.

PERJURY STATEMENT

All reports and work plans are to be submitted under cover, signed under penalty of perjury, by the Responsible Parties who have taken a lead role in compliance with corrective action directives.

June 30, 2005
RO 0000063
6655 Hollis St., Oakland, CA 94608
Page 2

If you have any questions, please call me at (510) 567-6765.

Sincerely,

A handwritten signature in cursive script that reads "Barney M. Chan".

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, D. Drogos

6655 Hollis 6_27_05

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



August 4, 2004

Mr. Robert Thomas
McGrath Steel Company
6655 Hollis St.
Emeryville, CA 94608

ENVIRONMENTAL HEALTH SERVICES

ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

Dear Mr. Thomas:

Subject: Fuel Leak Case RO0000063, McGrath Steel Company, 6655 Hollis St.,
Oakland, CA 94608

Alameda County Environmental Health staff has reviewed the case file for the subject site and has determined that additional information is required to progress your site to case closure. We request that you address the following technical comments when performing the requested work and submit the technical report requested below.

TECHNICAL COMMENTS

It appears that the last correspondence from our office was an April 29, 1998 work plan approval letter from Ms. Susan Hugo. The approved work plan called for the installation of borings and the sampling of soil and groundwater. An August 5, 1998 Weiss Associates report detailed the results of this investigation. Unfortunately, of the seven proposed borings, only three were completed and sampled. Therefore, site characterization was not complete. A subsequent September 16, 1999 Weiss Associates work plan was submitted proposing the installation of one monitoring well. It is assumed that the proposed well has not been installed.

SITE CHARACTERIZATION

1. Prior to installation of monitoring well(s), our office recommends the installation of temporary borings within the former tank pit and along transects perpendicular to the assumed groundwater gradient. One transect could be along boring B-5 and another further down-gradient to delineate the plume. Depth discrete soil samples and grab groundwater samples should be collected and analyzed for TPHd, TPHg, BTEX, MTBE and ether oxygenates (TAME, ETBE, DIPE, TBA) and lead scavengers EDB and EDC using EPA Method 8260. Soil samples should be collected every five feet, at the capillary fringe, at changes in lithology and in areas of obvious contamination. The vertical extent of contamination should be verified by collecting at least one "clean" sample below the last impacted sample. Groundwater samples should be collected from each permeable zone and from an exposed screen interval of not more than 2'. The borings should be logged and cross-sectional diagram(s) should be included in your final report.

MONITORING WELL INSTALLATION

2. Based upon the results of this investigation, a work plan for monitoring well installation and construction should be submitted. Please be aware that you must have your own monitoring well network even though wells have been installed by the neighboring site,

August 4, 2004
RO0000063
Mr. Robert Thomas
McGrath Steel Company
Page 2

Clearprint Paper Co., 1482 67th St. You may wish to use the data from Clearprint wells and schedule monitoring to coincide with Clearprint. Extended cross-sectional diagrams are also recommended. However, be aware that Clearprint wells are not being monitoring for the same parameters as detected at your site.

TECHNICAL REPORT REQUEST

Please submit the following technical reports according to the following schedule.

- September 7, 2004- Work plan for soil and groundwater characterization
- 45 days after completion of the proposed investigation- technical report submission including a summary of data, cross section(s) and a work plan for monitoring well locations and construction.

If it appears that significant delays have occurred in site activity and reporting, your site may be referred to the Regional Board or other appropriate agency for enforcement. In addition, delays in investigation or reporting may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund, a potential source for reimbursement of costs for cleanup.

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that all work plans and technical reports containing professional geologic or engineering evaluations and/or judgments be completed under the direction of an appropriately-registered or certified professional. This registered or certified professional shall sign and wet stamp all such reports and work plans.

All reports and work plans are to be submitted under cover, signed under penalty of perjury, by the Responsible Party(ies) who have taken a lead role in compliance with corrective action directives.

If you have any questions, please call me at (510) 567-6765.

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, B. Schultz, D. Drogos

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES

1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
(510) 337-9335 (FAX)

April 29, 1998

Mr. Robert Thomas
McGrath Steel Company
6655 Hollis Street
Emeryville, California 94608

**RE: Proposed Ground Water Investigation at McGrath Steel Company (STID #789)
6655 Hollis Street, Emeryville, California 94608**

Dear Mr. Thomas:

This agency has reviewed the subsurface investigation work plan dated April 10, 1998, prepared and submitted by Weiss Associates for the above referenced site.

The proposed plan to delineate the extent of petroleum hydrocarbon contamination in soil and groundwater by drilling seven borings using a direct push drill rig is acceptable provided that the following items are addressed:

1. At a minimum, one soil sample must be collected from each boring, preferably at the soil / water interface. Both soil and groundwater samples collected from each boring must be analyzed for TPH as gasoline, TPH as diesel, benzene, ethyl benzene, xylene, toluene (BTEX) and methyl tertiary butyl ether (MTBE).
2. A work plan must be submitted and approved by this office prior to the installation of shallow groundwater monitoring wells. Proposed well location must be included.
3. Notify our office at least 72 hours in advance of any field activity at the site.

A report documenting the results of this investigation must be submitted to this office no later than 60 days after completion of the work plan implementation.

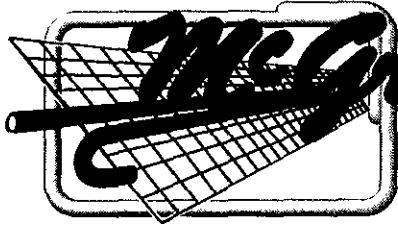
If you have any questions or comments concerning this letter or the subject site, please call me at (510) 567-6780.

Sincerely,

Susan L. Hugo
Hazardous Materials Specialist

c: Mee Ling Tung, Director, Environmental Health
Charles Headlee, San Francisco Bay Regional Water Quality Control Board
Paul Nuti, Weiss Associates, 5500 Shellmound Street, Emeryville, California 94608
Denes Turcsanyi, 849 Santo Barbara Road, Berkeley, California 94707
SH / files

WIRE MESH



REINFORCING STEEL BARS

McGrath Steel Company

CA. LICENSE # 161512

6655 HOLLIS STREET • EMERYVILLE • CALIFORNIA 94608

P.O. BOX 8036 • EMERYVILLE • CALIFORNIA 94662

TEL. (510) 596-2400 • FAX (510) 658 6910 • FAX (510) 652-5510

SUSAN L. HUGO
SENIOR HAZARDOUS MATERIALS SPECIALIST

FEBRUARY 19, 1997

ENVIRONMENTAL HEALTH SERVICES
1131 HARBOR BAY PARKWAY, SUITE 250
ALAMEDA, CA. 94502-6577

RE: UNDERGROUND STORAGE TANK REMOVAL AT MCGRATH STEEL CO.
6655 HOLLIS STREET, EMERYVILLE, CA. 94608

ATTACHED FIND REQUESTED (ULR) REPORT

I THOUGHT THIS REPORT WAS SUBMITTED AT THE TIME OF REMOVAL

I HAVE DIRECTED YOUR LETTER REGARDING NECESSARY INVESTIGATION
WORK PLAN TO THE PROPER PEOPLE HERE AT MCGRATH

MCGRATH STEEL CO.

Gladys Ribel
GLADYS RIBEL

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION (LOP)
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

February 13, 1997
STID # 789

Mr. Robert Thomas
McGrath Steel Company
6655 Hollis Street
Emeryville, California

**RE: Underground Storage Tank Removal at McGrath Steel Company
6655 Hollis Street, Emeryville, California 94608**

Dear Mr. Thomas:

This agency has recently reviewed the case file regarding the removal of two underground storage tanks (1-2,000 gallon unleaded gasoline and 1-2,000 gallon diesel) on July 3, 1996 at the above described location. The most recent report we have in our file is the Tank Removal Closure Report, prepared and submitted by Subsurface Environmental Corporation.

The former USTs were located underneath the sidewalk on 67th Street. Petroleum hydrocarbon contamination up to 1300 ppm TPH gasoline, 340 ppm TPH diesel, 35 ppm methyl tertiary butyl ether (MTBE), 15 ppm benzene, 33 ppm toluene, 30 ppm ethylbenzene, and 170 ppm xylene was detected in the soil samples collected following the removal of the tanks. On July 11, 1996, overexcavation was conducted around the tank pits without compromising the integrity of the shoring and adjacent building. Confirmation samples collected at 9' to 11' bgs revealed residual soil contamination up 450 ppm TPH gasoline, 870 ppm TPH diesel, 71 ppm MTBE, 3.3 ppm benzene, 22 ppm toluene, 23 ppm ethylbenzene and 71 ppm xylene.

Based on the review of the data submitted for the subject site, further investigation is required to determine the extent of the contamination in soil and / or groundwater. In addition, the threat and / or impact of the petroleum hydrocarbon plume to public health, safety and the environment must be evaluated. A soil and groundwater investigation work plan must be submitted to this office **no later than March 31, 1997.**

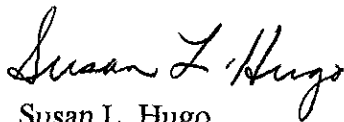
In addition, an "Underground Storage Tank Unauthorized Release (Leak) / Contamination Site Report " (ULR) must be completed and submitted to this office **within five working days** upon receipt of this letter. Enclosed is a blank copy of the ULR for your use.

All reports and proposals must be submitted under seal of a California Registered Geologist or Registered Civil Engineer with a statement of qualifications for each lead professionals involved with the project.

Mr. Robert Thomas
RE: 6655 Hollis Street, Emeryville, CA 94608
February 13, 1997
Page 2 of 2

If you have any questions or comments concerning this letter or the subject site, please call me at (510) 567-6780.

Sincerely,



Susan L. Hugo
Senior Hazardous Materials Specialist

enclosure

c: Mee Ling Tung, Director, Environmental Health
Gordon Coleman, Acting Chief, Environmental Protection Division
Kevin Graves, San Francisco Bay RWQCB
SH / files (lop789)

UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

EMERGENCY <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		FOR LOCAL AGENCY USE ONLY I HEREBY CERTIFY THAT I HAVE DISTRIBUTED THIS INFORMATION ACCORDING TO THE DISTRIBUTION SHOWN ON THE INSTRUCTION SHEET ON THE BACK PAGE OF THIS FORM.	
REPORT DATE 07/11/96		CASE #		SIGNED: <i>Susan F. Hugo</i> DATE: 7/11/96	
REPORTED BY	NAME OF INDIVIDUAL FILING REPORT ROBERT THOMAS		PHONE (510) 834 5082	SIGNATURE <i>Robert Thomas</i>	
	REPRESENTING <input checked="" type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> OTHER		COMPANY OR AGENCY NAME McGRATH STEEL COMPANY		
	ADDRESS 6655 Hollis STREET Emeryville CA 94662				
RESPONSIBLE PARTY	NAME McGRATH STEEL CO <input type="checkbox"/> UNKNOWN		CONTACT PERSON ROBERT THOMAS	PHONE (510) 834 5082	
	ADDRESS 6655 Hollis STREET Emeryville CA 94662				
SITE LOCATION	FACILITY NAME (IF APPLICABLE) McGRATH STEEL CO		OPERATOR SAME	PHONE (510) 596-2400	
	ADDRESS 6655 Hollis STREET Emeryville ALAMEDA CA 94662				
	CROSS STREET 67th				
IMPLEMENTING AGENCIES	LOCAL AGENCY ALAMEDA COUNTY HEALTH CARE SERV		AGENCY NAME	CONTACT PERSON SUSAN HUGO	PHONE 670 467-6780
	REGIONAL BOARD SFRWQCB			CONTACT PERSON KEVIN GRAVES	PHONE (510) 286 0465
SUBSTANCES INVOLVED	(1) NAME DIESEL FUEL			QUANTITY LOST (GALLONS) <input checked="" type="checkbox"/> UNKNOWN	
	(2) NAME GASOLINE FUEL			<input checked="" type="checkbox"/> UNKNOWN	
DISCOVERY/ABATEMENT	DATE DISCOVERED 07/03/96		HOW DISCOVERED <input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITIONS <input type="checkbox"/> TANK TEST <input checked="" type="checkbox"/> TANK REMOVAL <input type="checkbox"/> OTHER		
	DATE DISCHARGE BEGAN <input checked="" type="checkbox"/> UNKNOWN		METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input type="checkbox"/> REMOVE CONTENTS <input checked="" type="checkbox"/> CLOSE TANK & REMOVE <input type="checkbox"/> REPAIR PIPING <input type="checkbox"/> REPAIR TANK <input type="checkbox"/> CLOSE TANK & FILL IN PLACE <input type="checkbox"/> CHANGE PROCEDURE <input type="checkbox"/> REPLACE TANK <input type="checkbox"/> OTHER		
	HAS DISCHARGE BEEN STOPPED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE 07/03/96				
SOURCE/CAUSE	SOURCE OF DISCHARGE <input type="checkbox"/> TANK LEAK <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> PIPING LEAK <input type="checkbox"/> OTHER		CAUSE(S) <input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FAILURE <input type="checkbox"/> SPILL <input type="checkbox"/> CORROSION <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> OTHER		
	CHECK ONE ONLY <input checked="" type="checkbox"/> UNDETERMINED <input type="checkbox"/> SOIL ONLY <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)				
CURRENT STATUS	CHECK ONE ONLY <input type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED <input type="checkbox"/> POLLUTION CHARACTERIZATION <input type="checkbox"/> LEAK BEING CONFIRMED <input checked="" type="checkbox"/> PRELIMINARY SITE ASSESSMENT UNDERWAY <input type="checkbox"/> POST CLEANUP MONITORING IN PROGRESS <input type="checkbox"/> REMEDIATION PLAN <input type="checkbox"/> CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY) <input type="checkbox"/> CLEANUP UNDERWAY				
	CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS) <input checked="" type="checkbox"/> EXCAVATE & DISPOSE (ED) <input type="checkbox"/> REMOVE FREE PRODUCT (FP) <input type="checkbox"/> ENHANCED BIO DEGRADATION (IT) <input type="checkbox"/> CAP SITE (CD) <input type="checkbox"/> EXCAVATE & TREAT (ET) <input type="checkbox"/> PUMP & TREAT GROUNDWATER (GT) <input type="checkbox"/> REPLACE SUPPLY (RS) <input type="checkbox"/> CONTAINMENT BARRIER (CB) <input type="checkbox"/> NO ACTION REQUIRED (NA) <input type="checkbox"/> TREATMENT AT HOOKUP (HU) <input type="checkbox"/> VENT SOIL (VS) <input type="checkbox"/> VACUUM EXTRACT (VE) <input type="checkbox"/> OTHER (OT)				
COMMENTS	COMMENTS				

INSTRUCTIONS

EMERGENCY

Indicate whether emergency response personnel and equipment were involved at any time. If so, a Hazardous Material Incident Report should be filed with the State Office of Emergency Services (OES) at 2800 Meadowview Road, Sacramento, CA 95832. Copies of the OES report form may be obtained at your local underground storage tank permitting agency. Indicate whether the OES report has been filed as of the date of this report.

LOCAL AGENCY ONLY

To avoid duplicate notification pursuant to Health and Safety code Section 25180.5, a government employee should sign and date the form in this block. A signature here does not mean that the leak has been determined to pose a significant threat to human health or safety, only that notification procedures have been followed if required.

REPORTED BY

Enter your name, telephone number, and address. Indicate which party you represent and provide company or agency name.

RESPONSIBLE PARTY

Enter name, telephone number, contact person, and address of the party responsible for the leak. The responsible party would normally be the tank owner.

SITE LOCATION

Enter information regarding the tank facility. At a minimum, you must provide the facility name and full address.

IMPLEMENTING AGENCIES

Enter names of the local agency and Regional Water Quality Control Board involved.

SUBSTANCES INVOLVED

Enter the name and quantity lost of the hazardous substance involved. Room is provided for information on two substances if appropriate. If more than two substances leaked, list the two of most concern for cleanup.

DISCOVERY/ABATEMENT

Provide information regarding the discovery and abatement of the leak.

SOURCE/CAUSE

Indicate source(s) of leak. Check box(es) indicating cause of leak.

CASE TYPE

Indicate the case type category for this leak. Check one box only. Case type is based on the most sensitive resource affected. For example, if both soil and ground water have been affected, case type will be "Ground Water". Indicate "Drinking Water" only if one or more municipal or domestic water wells have actually been affected. A "Ground Water" designation does not imply that the affected water cannot be, or is not, used for drinking water, but only that water wells have not yet been affected. It is understood that case type may change upon further investigation.

CURRENT STATUS

Indicate the category which best describes the current status of the case. Check one box only. The response should be relative to the case type. For example, if case type is "Ground Water", then "Current Status" should refer to the status of the ground water investigation or cleanup, as opposed to that of soil. Descriptions of options follow:

No Action Taken - No action has been taken by responsible party beyond initial report of leak.

Leak Being Confirmed - Leak suspected at site, but has not been confirmed.

Preliminary Site Assessment Workplan Submitted - workplan/proposal requested of/submitted by responsible party to determine whether ground water has been, or will be, impacted as a result of the release.

Preliminary Site Assessment Underway - implementation of workplan.

Pollution Characterization - responsible party is in the process of fully defining the extent of contamination in soil and ground water and assessing impacts on surface and/or ground water.

Remediation Plan - remediation plan submitted evaluating long term remediation options. Proposal and implementation schedule for appropriate remediation options also submitted.

Cleanup Underway - implementation of remediation plan.

Post Cleanup Monitoring in Progress - periodic ground water or other monitoring at site, as necessary, to verify and/or evaluate effectiveness of remedial activities.

Case Closed - regional board and local agency in concurrence that no further work is necessary at the site.

IMPORTANT: THE INFORMATION PROVIDED ON THIS FORM IS INTENDED FOR GENERAL STATISTICAL PURPOSES ONLY AND IS NOT TO BE CONSTRUED AS REPRESENTING THE OFFICIAL POSITION OF ANY GOVERNMENTAL AGENCY

REMEDIAL ACTION

Indicate which action have been used to cleanup or remediate the leak. Descriptions of options follow:

Cap Site - install horizontal impermeable layer to reduce rainfall infiltration.

Containment Barrier - install vertical dike to block horizontal movement of contaminant.

Excavate and Dispose - remove contaminated soil and dispose in approved site.

Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming).

Remove Free Product - remove floating product from water table.

Pump and Treat Groundwater - generally employed to remove dissolved contaminants.

Enhanced Biodegradation - use of any available technology to promote bacterial decomposition of contaminants.

Replace Supply - provide alternative water supply to affected parties.

Treatment at Hookup - install water treatment devices at each dwelling or other place of use.

Vacuum Extract - use pumps or blowers to draw air through soil.

Vent Soil - bore holes in soil to allow volatilization of contaminants.

No Action Required - incident is minor, requiring no remedial action.

COMMENTS - Use this space to elaborate on any aspects of the incident.

SIGNATURE - Sign the form in the space provided.

DISTRIBUTION

If the form is completed by the tank owner or his agent, retain the last copy and forward the remaining copies intact to your local tank permitting agency for distribution.

1. Original - Local Tank Permitting Agency
2. State Water Resources Control Board, Division of Clean Water Programs, Underground Storage Tank Program, P.O. Box 944212, Sacramento, CA 94244-2120
3. Regional Water Quality Control Board
4. Local Health Officer and County Board of Supervisors or their designee to receive Proposition 65 notifications.
5. Owner/responsible party.

UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

EMERGENCY <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		FOR LOCAL AGENCY USE ONLY I HEREBY CERTIFY THAT I HAVE DISTRIBUTED THIS INFORMATION ACCORDING TO THE DISTRIBUTION SHOWN ON THE INSTRUCTION SHEET ON THE BACK PAGE OF THIS FORM	
REPORT DATE 07/19/96		CASE #		SIGNED: <i>Susan J. Hugo</i> DATE: 7/19/96	
REPORTED BY	NAME OF INDIVIDUAL FILING REPORT ROBERT THOMAS		PHONE (510) 834 5082		SIGNATURE <i>Robert Thomas</i>
	REPRESENTING <input checked="" type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> OTHER		COMPANY OR AGENCY NAME McGRATH STEEL COMPANY		
	ADDRESS 6655 Hollis Street Emeryville CA 94662				
RESPONSIBLE PARTY	NAME McGRATH STEEL CO <input type="checkbox"/> UNKNOWN		CONTACT PERSON ROBERT THOMAS		PHONE (510) 834 5082
	ADDRESS 6655 Hollis Street Emeryville CA 94662				
SITE LOCATION	FACILITY NAME (IF APPLICABLE) McGRATH STEEL CO		OPERATOR Same		PHONE (510) 596-2400
	ADDRESS 6655 Hollis Street Emeryville Alameda 94662				
	CROSS STREET 67th				
IMPLEMENTING AGENCIES	LOCAL AGENCY ALAMEDA COUNTY HEALTH CARE SERV		CONTACT PERSON SUSAN HUGO		PHONE (510) 867-6780
	REGIONAL BOARD SFRWQCB		CONTACT PERSON KEVIN GRAVES		PHONE (510) 286 0465
SUBSTANCES INVOLVED	(1) DIESEL FUEL		NAME		QUANTITY LOST (GALLONS) <input checked="" type="checkbox"/> UNKNOWN
	(2) GASOLINE FUEL				<input checked="" type="checkbox"/> UNKNOWN
DISCOVERY/ABATEMENT	DATE DISCOVERED 07/03/96		HOW DISCOVERED <input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> TANK TEST <input checked="" type="checkbox"/> TANK REMOVAL <input type="checkbox"/> OTHER		
	DATE DISCHARGE BEGAN <input checked="" type="checkbox"/> UNKNOWN		METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input type="checkbox"/> REMOVE CONTENTS <input checked="" type="checkbox"/> CLOSE TANK & REMOVE <input type="checkbox"/> REPAIR PIPING		
	HAS DISCHARGE BEEN STOPPED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE 07/03/96		<input type="checkbox"/> REPAIR TANK <input type="checkbox"/> CLOSE TANK & FILL IN PLACE <input type="checkbox"/> CHANGE PROCEDURE <input type="checkbox"/> REPLACE TANK <input type="checkbox"/> OTHER		
SOURCE/ CAUSE	SOURCE OF DISCHARGE <input type="checkbox"/> TANK LEAK <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> PIPING LEAK <input type="checkbox"/> OTHER		CAUSE(S) <input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FAILURE <input type="checkbox"/> SPILL <input type="checkbox"/> CORROSION <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> OTHER		
	CASE TYPE CHECK ONE ONLY <input checked="" type="checkbox"/> UNDETERMINED <input type="checkbox"/> SOIL ONLY <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)				
CURRENT STATUS	CHECK ONE ONLY <input type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED <input type="checkbox"/> POLLUTION CHARACTERIZATION <input type="checkbox"/> LEAK BEING CONFIRMED <input checked="" type="checkbox"/> PRELIMINARY SITE ASSESSMENT UNDERWAY <input type="checkbox"/> POST CLEANUP MONITORING IN PROGRESS <input type="checkbox"/> REMEDIATION PLAN <input type="checkbox"/> CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY) <input type="checkbox"/> CLEANUP UNDERWAY				
	REMEDIAL ACTION CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS) <input type="checkbox"/> CAP SITE (CD) <input checked="" type="checkbox"/> EXCAVATE & DISPOSE (ED) <input type="checkbox"/> REMOVE FREE PRODUCT (FP) <input type="checkbox"/> ENHANCED BIO DEGRADATION (IT) <input type="checkbox"/> CONTAINMENT BARRIER (CB) <input type="checkbox"/> EXCAVATE & TREAT (ET) <input type="checkbox"/> PUMP & TREAT GROUNDWATER (GT) <input type="checkbox"/> REPLACE SUPPLY (RS) <input type="checkbox"/> VACUUM EXTRACT (VE) <input type="checkbox"/> NO ACTION REQUIRED (NA) <input type="checkbox"/> TREATMENT AT HOOKUP (HU) <input type="checkbox"/> VENT SOIL (VS) <input type="checkbox"/> OTHER (OT)				
COMMENTS					

white - env. health
yellow - facility
pink - files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

1131 Harbor Bay Pkwy
Alameda CA 94502
510/567-6700

Hazardous Materials Inspection Form

II, III

Site ID # 789 Site Name McGraw Hill Steel Today's Date 7/11/96

Site Address 6655 Hollis Street

City Emeryville Zip 94608 Phone _____

____ MAX AMT stored > 500 lbs, 55 gal., 200 cft.?

Inspection Categories:

____ I. Haz. Mat/Waste GENERATOR/TRANSPORTER

____ II. Hazardous Materials Business Plan, Acutely Hazardous Materials

III. Under ground Storage Tanks

* Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

Comments:

Limited excavation conducted around the former tank areas. Groundwater table is very high (30 in); also near MWS (leakage). Microbial soil samples were collected from the bottom of the pit & from the four sidewalls.

Stacked soil must be characterized for proper disposal.

The two excavation pits must be backfilled with clean fill only.

Contact DENES TURCSANYI
Title OWNER REPRESENTATIVE
Signature _____

Inspector SUSAN L. HAYES
Signature _____

II, III

White - env. health
yellow - facility
pink - files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

1131 Harbor Bay Pkwy
Alameda CA 94502
510/567-6700

Hazardous Materials Inspection Form

II, III

Site ID # 789 Site Name McGrath Steel Today's Date 7.11.91

Site Address 6655 Hollis Street

City Emeryville Zip 94608 Phone _____

____ MAX AMT stored > 500 lbs, 55 gal., 200 cft.?

Inspection Categories:

- I. Haz. Mat/Waste GENERATOR/TRANSPORTER
- II. Hazardous Materials Business Plan, Acutely Hazardous Materials
- III: Under ground Storage Tanks

* Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

Comments:

Limited Over excavation conducted around the former tank means baseline tank pit is very unstable (sandy); also near M.D.3 (Chlorinated). Verification soil samples were collected from the bottom of the pit; 9' from the four sidewalls. Stockpiled soil must be characterized for proper disposal.

The two excavation pits must be backfill with clean fill only.

Contact DENES TURCSANYI
Title OWNER REPRESENTATIVE
Signature [Signature]

Inspector SUSAN L. HUBBS
Signature _____

II, III



Transfer of Eligible Local Oversight Case

STID 789 Date of input/By: 7/3/96 TD

Date: 7/3/96 From: Susan

Site Name: McGrath Steel Co.

Address: 6655 Hallis St. City: Emeryville Zip: 94608

To be eligible for LOP, case must meet 3 qualifications:

1. N Tanks Removed? # of removed? 2 Date removed: 7/3/96
2. N Samples received? Contamination level: fuel product present ppm
Type of test _____
Contamination should be over 100 ppm TPH to qualify for LOP
3. N Petroleum? Circle Type(s): • Avgas • leaded • unleaded • fuel oil • jet
• diesel • waste oil • kerosene • solvents

Procedure to follow should your site meet all the above qualifications:

1.
 - a. Close the deposit refund case.
 - b. Account for **ALL** time you have spent on the case.
 - c. Turn in account sheet to Leslie.
If there are funds still remaining it is still better to transfer the case to LOP as the rate for LOP allows more overhead. **DO NOT** attempt to continue to oversee the site simply because there are funds remaining!

Remaining DepRef \$'s: _____

DepRef Case Closed with Candyce/Leslie? Y N (If no, explain why below.)

2. Submit the completed **A** and **B** permit application forms to **NORMA**.
3. Give the entire case to the proper LOP staff.



ERICKSON Inc.

255 Parr Boulevard / Richmond, CA 94801 / (510) 235-1393 / Fax (510) 235-3709

FAX COVER SHEET

PLEASE DELIVER THE FOLLOWING PAGES TO:

NAME: Susan Hugo

LOCATION: Alameda Health

FAX NUMBER: (510) 337-9335

TOTAL NUMBER OF PAGES: 2 (including cover sheet)

HARD COPY TO FOLLOW YES NO

DATE: 7/3/96

FROM: **LURENE J. GALLATY, EQUIPMENT COMPLIANCE COORDINATOR**

PHONE: (510) 970-7443

COMMENTS: Susan, as per our conversation, I am
fixing you a copy of our DTSC Hazardous
Waste Transporter Registration. Should you need
anything else, let me know. Have a safe 4th.

LJ Gallaty

IF YOU DO NOT RECEIVE ALL PAGES SENT, PLEASE CALL AS SOON AS POSSIBLE SO I CAN RESEND THIS FAX. THANK YOU.



STATE OF CALIFORNIA—CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

PETE WILSON, Governor

DEPARTMENT OF TOXIC SUBSTANCES CONTROL

400 P STREET, 4TH FLOOR
P O. BOX 806
SACRAMENTO, CA 95812-0806



(916) 323-3219

*** HAZARDOUS WASTE TRANSPORTER REGISTRATION ***

NAME AND ADDRESS OF REGISTERED TRANSPORTER:

Erickson, Inc.
255 Parr Blvd.
Richmond, California 94801

TRANSPORTER REGISTRATION NO: 0019

EXPIRATION DATE: May 31, 1997

THIS IS TO CERTIFY THAT THE FIRM NAMED ABOVE IS DULY REGISTERED TO TRANSPORT HAZARDOUS WASTE IN THE STATE OF CALIFORNIA IN ACCORDANCE WITH THE PROVISIONS OF CHAPTER 6.5, DIVISION 20 OF THE HEALTH AND SAFETY CODE AND DIVISION 4.5, TITLE 22 OF THE CALIFORNIA CODE OF REGULATIONS.

THIS REGISTRATION CERTIFICATE MUST BE CARRIED WITH EACH SHIPMENT OF HAZARDOUS WASTE.



(AUTHORIZED SIGNATURE)

MAY 08 1996

(DATE)

cc: California Highway Patrol



ALAMEDA COUNTY, DEPARTMENT OF
 ENVIRONMENTAL HEALTH
 Hazardous Materials Inspection Form

II, III

white - env. health
 yellow - facility
 pink - files

Site ID # _____ Site Name McGrath Steel Today's Date 7/3/96

Site Address 6655 Hollis Street
 City Emeryville Zip 94608 Phone _____

MAX AMT stored > 500 lbs, 55 gal., 200 cft.?

Inspection Categories:

- I. Haz. Mat/Waste GENERATOR/TRANSPORTER
- II. Business Plans, Acute Hazardous Materials
- III. Underground Tanks

2 USTs manifests = #95780712

Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

George Warren - Emeryville fire person.

Comments: 2 UGTs Removal - both tanks located

underneath the sidewalk along 67th Street

Crickson = USTs Hauler licensed 16165834/5/96

LEL = 5% ; O2 = 1%

Tank #1 - 2,000 gallon Diesel, steel tank

with tar wrapping; sheen at the bottom

of the excavation; strong staining; 2 soil

samples collected; one from each end of the

tank;

Tank #2 - 2,000 gallon GASOLINE; steel tank

with tar wrapping; sheen at the bottom

strong staining; 2 soil samples collected

one from each end of the tank, strong

H2 odor

All piping associated with the USTs

that can be removed must be removed.

Stock piled soil must be characterized &

disposed appropriately. Need to file an Unauthorized Tank report.

II.A BUSINESS PLANS (Title 19)

- ___ 1. Immediate Reporting 2703
- ___ 2. Bus. Plan Stds. 25503(b)
- ___ 3. RR Cars > 30 days 25503.7
- ___ 4. Inventory Information 25504(a)
- ___ 5. Inventory Complete 2730
- ___ 6. Emergency Response 25504(b)
- ___ 7. Training 25504(c)
- ___ 8. Deficiency 25505(a)
- ___ 9. Modification 25505(b)

II.B ACUTELY HAZ. MAT'L'S

- ___ 10. Registration Form Filed 25533(a)
- ___ 11. Form Complete 25533(b)
- ___ 12. RMPP Contents 25534(c)
- ___ 13. Implement Sch. Req'd? (Y/N)
- ___ 14. OffSite Conseq. Assess. 25524(c)
- ___ 15. Probable Risk Assessment 25534(d)
- ___ 16. Persons Responsible 25534(g)
- ___ 17. Certification 25534(f)
- ___ 18. Exemption Request? (Y/N) 25536(b)
- ___ 19. Trade Secret Requested? 25538

III. UNDERGROUND TANKS (Title 23)

- General
- ___ 1. Permit Application 25284 (H&S)
 - ___ 2. Pipeline Leak Detection 25292 (H&S)
 - ___ 3. Records Maintenance 2712
 - ___ 4. Release Report 2651
 - ___ 5. Closure Plans 2670

- Monitoring for Existing Tanks
- ___ 6. Method
 - 1) Monthly Test
 - 2) Daily Vadose Semi-annual groundwater One time soils
 - 3) Daily Vadose One time soils Annual tank test
 - 4) Monthly Gndwater One time soils
 - 5) Daily Inventory Annual tank testing Cont pipe leak det Vadose/gndwater mon.
 - 6) Daily Inventory Annual tank testing Cont pipe leak det
 - 7) Weekly Tank Gauge Annual tank testing
 - 8) Annual Tank Testing Daily Inventory
 - 9) Other _____

- ___ 7. Precs Tank Test 2643
 - Date: _____
- ___ 8. Inventory Rec. 2644
- ___ 9. Soil Testing 2646
- ___ 10. Ground Water 2647

- New Tanks
- ___ 11 Monitor Plan 2632
 - ___ 12 Access, Secure 2634
 - ___ 13 Plans Submit 2711
 - Date: _____
 - ___ 14. As Built 2635
 - Date: _____

Contact: James Twyman
 Title: Owner's Representative
 Signature: James Twyman

Inspector: Susan J. Hays
 Signature: _____

white - env. health
 yellow - facility
 pink - files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH
 Hazardous Materials Inspection Form

1131 Harbor Bay Pkwy.
 Suite 250
 Alameda, CA 94502-6577
 (510) 567-6700

II, III

Site ID # _____ Site Name McGrath Steel Today Date 7/3/96

II.A BUSINESS PLANS (Title 19)

- 1. Immediate Reporting 2703
- 2. Bus. Plan Scls. 25503(b)
- 3. RR Cars > 30-days 25503.7
- 4. Inventory Information 25504(a)
- 5. Inventory Complete 2730
- 6. Emergency Response 25504(b)
- 7. Training 25504(c)
- 8. Deficiency 25505(a)
- 9. Modification 25505(b)

Site Address 6655 Hollis Street
 City Emeryville Zip 94608 Phone _____

MAX AMT stored > 500 lbs, 55 gal., 200 cft.?

Inspection Categories:

- I. Haz. Mat/Waste GENERATOR/TRANSPORTER
- II. Business Plans, Acute Hazardous Materials
- III. Underground Tanks

2 USTs manifests = # 95780712

II.B ACUTELY HAZ. MATS

- 10. Registration Form Filed 25533(a)
- 11. Form Complete 25533(b)
- 12. RMPP Contents 25534(c)
- 13. Implement Sch. Req'd? (Y/N)
- 14. OffSite Conseq. Assess. 25524(c)
- 15. Probable Risk Assessment 25534(d)
- 16. Persons Responsible 25534(g)
- 17. Certification 25534(f)
- 18. Exemption Request? (Y/N) 25535(b)
- 19. Trade Secret Requested? 25538

Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

III. UNDERGROUND TANKS (Title 23)

- General
- 1. Permit Application 25284 (H&S)
 - 2. Pipeline Leak Detection 25292 (H&S)
 - 3. Records Maintenance 2712
 - 4. Release Report 2651
 - 5. Closure Plans 2670
- Monitoring for Existing Tanks
- 6. Method
 - 1) Monthly Test
 - 2) Daily Vadose Semi-annual groundwater One time soil
 - 3) Daily Vadose One time soil Annual tank test
 - 4) Monthly Groundwater One time soil
 - 5) Daily Inventory Annual tank testing Cont pipe leak det Vadose/gndwater mon.
 - 6) Daily Inventory Annual tank testing Cont pipe leak det
 - 7) Weekly Tank Gauge Annual tank testing
 - 8) Annual Tank Testing Daily Inventory
 - 9) Other _____
- New Tanks
- 7. Precs Tank Test 2643
 - Date: _____
 - 8. Inventory Rec. 2644
 - 9. Soil Testing 2646
 - 10. Ground Water 2647
 - 11. Monitor Plan 2632
 - 12. Access. Secure 2634
 - 13. Plans Submit 2711
 - Date: _____
 - 14. As Built 2635
 - Date: _____

Comments: George Warren - Emeryville fire phone.

2 UGTs Removal - both tanks located underneath the sidewalk along 67th Street Erickson = USTs Handler Licensed JG 16583 of s/16

LEL = 5% ; O2 = 9%
 Tank # 1 - 2,000 gallon Diesel steel tank with tar wrapping. Sheen at the bottom of the excavation; strong staining; 2 soil samples collected; one from each end of the tank.

Tank # 2 - 2,000 gallon GASOLINE steel tank with tar wrapping. Sheen at the bottom strong staining; 2 soil samples collected one from each end of the tank, showing HC odor

All piping associated with the USTs that can be removed must be removed. Stock piled soil must be characterized & disposed appropriately.

Contact: Lawrence Title: Owner's Representative Signature: _____
 Inspector: James H. Hays Signature: _____

DENES B. TURCSANYI

TEL. 415-524-1645

849 SANTA BARBARA ROAD
BERKELEY, CA 94707
U.S.A.

SUSAN L. HUGO

Project Specialist

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH
ENVIRONMENTAL PROTECTION DIVISION
1131 HARBOR BAY PARKWAY, RM 250
ALAMEDA, CA 94502-6577
PHONE 510/567-6000
510/337-9300

ACCEPTED

Underground Storage Tank Closure Permit Application
Alameda County Division of Hazardous Materials
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

These closure/removal plans have been received and found to be acceptable and essentially meet the requirements of State and Local Health Laws. Changes to your closure plans indicated by this Department are to assure compliance with State and local laws. The project proposed herein is now released for issuance of any required building permits for construction/destruction.
One copy of the accepted plans must be on the job and available to all contractors and craftsmen involved with the removal.
Any changes or alterations of these plans and specifications must be submitted to this Department and to the Fire and Building Inspection Departments to determine if such changes meet the requirements of State and local laws.
Notify this Department at least 72 hours prior to the building required inspections:

- Removal of Tank(s) and Piping
- Sampling
- Final Inspection

Issuance of a permit to operate, by permanent closure, is dependent on compliance with accepted plans and all applicable laws and regulations.

THERE IS A FINANCIAL PENALTY FOR NOT OBTAINING THESE INSPECTIONS.

Contact Specialist:

These note changes made
On page 4 & 5.

Susan L. Hugo
6/20/96

UNDERGROUND TANK CLOSURE PLAN

*** Complete according to attached instructions ***

1. Name of Business McGrath Steel Company
 Business Owner or Contact Person (PRINT) Robert L. Thomas

2. Site Address 6655 Hollis Street
 City Emeryville, CA Zip 94608 Phone (510) 596-2400

3. Mailing Address P.O. Box 8036
 City Emeryville, CA Zip 94662 Phone (510) 596-2400

4. Property Owner Loretta A. McGrath Family Trust Attn: Bob Thomas
 Business Name (if applicable) _____
 Address 658 Doral Drive
 City, State Danville, CA Zip 94526

5. Generator name under which tank will be manifested
McGrath Steel Company

EPA ID# under which tank will be manifested CAL 000148441

95 JUN 14 AM 8:28
- 1 -
ENVIRONMENTAL PROTECTION

6. Contractor Subsurface Environmental Corp
Address 1796 17th Street Ste C
City San Francisco, CA Phone (415) 863-8100
General Engineering A
License Type w/Hazardous Substances ID# 618766 HP 5/31/97

*Effective January 1, 1992, Business and Professional Code Section 7058.7 requires prime contractors to also hold Hazardous Waste Certification issued by the State Contractors License Board.

7. Consultant (if applicable) _____
Address _____
City, State _____ Phone _____

8. Main Contact Person for Investigation (if applicable)
Name Roxanne Harris Title Project Manager
Company Subsurface Environmental
Phone (415) 863-8100

9. Number of underground tanks being closed with this plan 2
Length of piping being removed under this plan 20 feet
Total number of underground tanks at this facility (**confirmed with owner or operator) 2

10. State Registered Hazardous Waste Transporters/Facilities (see instructions).

**** Underground storage tanks must be handled as hazardous waste ****

a) Product/Residual Sludge/Rinsate Transporter
Name American Valley EPA I.D. No. CAL 000121154
Hauler License No. 2953 License Exp. Date 6/97
Address 2930 Geer Road #156
City Turlock State CA Zip 95382

b) Product/Residual Sludge/Rinsate Disposal Site
Name Petroleum Recycling Corp EPA ID# CAD 083166728
Address P.O. Box 1167
City Patterson State CA Zip 95363

c) Tank and Piping Transporter

Name Erickson EPA I.D. No. CAD009466392
Hauler License No. 0019 License Exp. Date NA
Address 255 Parr Blvd
City Richmond State CA Zip 94801

d) Tank and Piping Disposal Site

Name Erickson EPA I.D. No. CAD009466392
Address 255 Parr Blvd.
City Richmond State CA Zip 94801

11. Experienced Sample Collector

Name Roxanne Harris
Company Subsurface Environmental Corp
Address 1796 18th Street Suite C
City San Francisco State CA Zip 94107 Phone (415) 863-8100

12. Laboratory

Name McCampbell
Address 110 2nd Avenue So.#D7
City Pacheco State CA Zip 94553
State Certification No. 1644

13. Have tanks or pipes leaked in the past? Yes [] No [X]

If yes, describe. _____

Pressure wash tanks, pump out rinsate, and place 50 lbs of carbon dioxide for every 1000 gallons of tank volume.

Before tanks are pumped out and inerted, all associated piping must be flushed out into the tanks. All accessible associated piping must then be removed. Inaccessible piping must be permanently plugged.

The Bay Area Air Quality Management District, 415/771-6000, along with local Fire and Building Departments, must also be contacted for tank removal permits. Fire departments typically require the use of a combustible gas indicator to verify tank inertness. It is the contractor's responsibility to bring a working combustible gas indicator on-site to verify that the tank is inert.

15. Tank History and Sampling Information *** (see instructions) ***

Capacity	Tank		Material to be sampled (tank contents, soil, groundwater)	Location and Depth of Samples
	Use History include date last used (estimated)			
2000	TANK #1 Diesel Installed 1979 Last used 1/96		Soil	One at each end of tank excavation 2' max below bottom of tank #1 excavation.
2000	TANK #2 Unleaded Installed 2/4/81 Last used 10/95		Soil	One at each end of tank excavation 2' max below bottom of tank #2 excavation.
<p><i>Soil sample must be collected underneath the dispenser.</i></p>				

One soil sample must be collected for every 20 linear feet of piping that is removed. A ground water sample must be collected if any ground water is present in the excavation.

Excavated/Stockpiled Soil

Stockpiled Soil Volume (estimated)	Sampling Plan
20 cubic yards: 10 cubic yards for each tank excavation	1 - four point composite sample for each stockpile of approx 10 yards.

Stockpiled soil must be placed on bermed plastic and must be completely covered by plastic sheeting.

Will the excavated soil be returned to the excavation immediately after tank removal? [] yes [] no [X] unknown

If yes, explain reasoning will only place stockpile back in tank

excavation, if more safe for public and if approved by Alameda County at the time of the tank pull.

If unknown at this point in time, please be aware that excavated soil may not be returned to the excavation without prior approval from Alameda County. This means that the contractor, consultant, or responsible party must communicate with the specialist **IN ADVANCE** of backfilling operations.

16. Chemical methods and associated detection limits to be used for analyzing samples:

The Tri-Regional Board recommended minimum verification analyses and practical quantitation reporting limits should be followed. See attached Table 2.

17. Submit Site Health and Safety Plan (See Instructions)

Contaminant Sought	EPA or Other Sample Preparation Method Number	EPA or Other Analysis Method Number	Method Detection Limit
Gasoline	TPH-G (5030)	EPA Modified (8015)	1.0ppm
Diesel	TPH-D (3550)	EPA Modified (8015)	1.0ppm
MTBE	BTEX (5030)	EPA Modified (8020)	0.005-0.5ppm
Pb			

Name of Insurer State Compensation Insurance Fund Policy #1291679-95

- 19. Submit Plot Plan ***** (See Instructions) *****
- 20. Enclose Deposit (See Instructions)
- 21. Report any leaks or contamination to this office within 5 days of discovery.
The written report shall be made on an Underground Storage Tank Unauthorized Leak/Contamination Site Report (ULR) form.
- 22. Submit a closure report to this office within 60 days of the tank removal. The report must contain all information listed in item 22 of the instructions.
- 23. Submit State (Underground Storage Tank Permit Application) Forms A and B (one B form for each UST to be removed) (mark box 8 for "tank removed" in the upper right hand corner)

I declare that to the best of my knowledge and belief that the statements and information provided above are correct and true.

I understand that information, in addition to that provided above, may be needed in order to obtain approval from the Environmental Protection Division and that no work is to begin on this project until this plan is approved.

I understand that any changes in design, materials or equipment will void this plan if prior approval is not obtained.

I understand that all work performed during this project will be done in compliance with all applicable OSHA (Occupational Safety and Health Administration) requirements concerning personnel health and safety. I understand that site and worker safety are solely the responsibility of the property owner or his agent and that this responsibility is not shared nor assumed by the County of Alameda.

Once I have received my stamped, accepted closure plan, I will contact the project Hazardous Materials Specialist at least three working days in advance of site work to schedule the required inspections.

CONTRACTOR INFORMATION

Name of Business Subsurface Environmental Corp.

Name of Individual Roxanne Harris

Signature _____ Date _____

PROPERTY OWNER OR MOST RECENT TANK OPERATOR (Circle one)

Name of Business McGrath Steel Company

Name of Individual Robert L. Thomas

Signature *Robert L. Thomas* Date 6-11-96



67th Street

Monitoring Well

Sidewalk

2 - 2,000 Gallon UST's

Vent Pipe

Product Lines

Vent Pipe

Fuel Dispenser

McGrath Steel
Warehouse

McGrath Steel
Office

Hollis Street

McGrath Steel
Parking Lot



Not To Scale

**SUBSURFACE
ENVIRONMENTAL
PROJECT #960241**

**MCGRATH STEEL
6655 HOLLIS STREET
EMERYVILLE, CA 94608**

**UNDERGROUND
STORAGE TANK
SITE MAP, JUNE 1996**

**STATE
COMPENSATION
INSURANCE
FUND**

P.O. BOX 420807, SAN FRANCISCO, CA 94142-0807

CERTIFICATE OF WORKERS' COMPENSATION INSURANCE

JUNE 11, 1996

POLICY NUMBER: 1291679 - 96
CERTIFICATE EXPIRES: 2-21-97

ALAMEDA COUNTY HEALTH CARE
1131 HARBOR BAY PARKWAY RM 250
ALAMEDA CA 94502

This is to certify that we have issued a valid Workers' Compensation insurance policy in a form approved by the California Insurance Commissioner to the employer named below for the policy period indicated.

This policy is not subject to cancellation by the Fund except upon ten days' advance written notice to the employer.

We will also give you TEN days' advance notice should this policy be cancelled prior to its normal expiration.

This certificate of insurance is not an insurance policy and does not amend, extend or alter the coverage afforded by the policies listed herein. Notwithstanding any requirement, term, or condition of any contract or other document with respect to which this certificate of insurance may be issued or may pertain, the insurance afforded by the policies described herein is subject to all the terms, exclusions and conditions of such policies.

Tom Hansen
AUTHORIZED REPRESENTATIVE

KC Bollier
PRESIDENT

EMPLOYER'S LIABILITY LIMIT INCLUDING DEFENSE COSTS: \$1,000,000 PER OCCURRENCE

EMPLOYER

TANK SOLUTION OF SAN FRANCISCO
DBA: SUBSURFACE ENVIRONMENTAL CORP.
1796 18TH STREET #C
SAN FRANCISCO CA 94107

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD
UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM A



COMPLETE THIS FORM FOR EACH FACILITY/SITE

MARK ONLY ONE ITEM	<input type="checkbox"/> 1 NEW PERMIT	<input type="checkbox"/> 3 RENEWAL PERMIT	<input type="checkbox"/> 5 CHANGE OF INFORMATION	<input checked="" type="checkbox"/> 7 PERMANENTLY CLOSED SITE
	<input type="checkbox"/> 2 INTERIM PERMIT	<input type="checkbox"/> 4 AMENDED PERMIT	<input type="checkbox"/> 6 TEMPORARY SITE CLOSURE	

I. FACILITY/SITE INFORMATION & ADDRESS - (MUST BE COMPLETED)

DBA OR FACILITY NAME McGrath Steel Company		NAME OF OPERATOR Robert L. Thomas		
ADDRESS 6655 Hollis Street		NEAREST CROSS STREET	PARCEL # (OPTIONAL)	
CITY NAME Emeryville, Ca		STATE CA	ZIP CODE 94662	SITE PHONE # WITH AREA CODE
<input checked="" type="checkbox"/> BOB TO INDICATE <input type="checkbox"/> CORPORATION <input type="checkbox"/> INDIVIDUAL <input type="checkbox"/> PARTNERSHIP <input type="checkbox"/> LOCAL AGENCY DISTRICTS* <input type="checkbox"/> COUNTY AGENCY* <input type="checkbox"/> STATE AGENCY* <input type="checkbox"/> FEDERAL AGENCY*				
* If owner of UST is a public agency, complete the following: name of Supervisor of division, section, or office which operates the UST				
TYPE OF BUSINESS		IF INDIAN RESERVATION OR TRUST LANDS		E.P.A. I.D.# (optional)
<input type="checkbox"/> 1 GAS STATION <input type="checkbox"/> 2 DISTRIBUTOR <input type="checkbox"/> 3 FARM <input type="checkbox"/> 4 PROCESSOR <input checked="" type="checkbox"/> 5 OTHER		<input type="checkbox"/>		2 CA 000148441

EMERGENCY CONTACT PERSON (PRIMARY)

DAYS: NAME (LAST, FIRST) Harris, Roxanne	PHONE # WITH AREA CODE (415) 863-8100	EMERGENCY CONTACT PERSON (SECONDARY) - optional	
NIGHTS: NAME (LAST, FIRST) Harris, Roxanne	PHONE # WITH AREA CODE (415) 393-9343	DAYS: NAME (LAST, FIRST)	PHONE # WITH AREA CODE
		NIGHTS: NAME (LAST, FIRST)	PHONE # WITH AREA CODE

II. PROPERTY OWNER INFORMATION - (MUST BE COMPLETED)

NAME Loretta A. McGrath Family Trust		CARE OF ADDRESS INFORMATION		
MAILING OR STREET ADDRESS 658 Doral Drive		<input checked="" type="checkbox"/> BOB TO INDICATE <input type="checkbox"/> INDIVIDUAL <input type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> STATE AGENCY <input type="checkbox"/> CORPORATION <input type="checkbox"/> PARTNERSHIP <input type="checkbox"/> COUNTY AGENCY <input type="checkbox"/> FEDERAL AGENCY		
CITY NAME Danville		STATE CA	ZIP CODE 94526	PHONE # WITH AREA CODE

III. TANK OWNER INFORMATION - (MUST BE COMPLETED)

NAME OF OWNER McGrath Steel Company		CARE OF ADDRESS INFORMATION		
MAILING OR STREET ADDRESS P.O. Box 8036		<input checked="" type="checkbox"/> BOB TO INDICATE <input type="checkbox"/> INDIVIDUAL <input type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> STATE AGENCY <input checked="" type="checkbox"/> CORPORATION <input type="checkbox"/> PARTNERSHIP <input type="checkbox"/> COUNTY AGENCY <input type="checkbox"/> FEDERAL AGENCY		
CITY NAME Emeryville		STATE CA	ZIP CODE 94662	PHONE # WITH AREA CODE

IV. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUMBER - Call (916) 322-9669 if questions arise.

TY (TK) HQ **44-** [] [] [] [] [] []

V. PETROLEUM UST FINANCIAL RESPONSIBILITY - (MUST BE COMPLETED) - IDENTIFY THE METHOD(S) USED

<input checked="" type="checkbox"/> BOB TO INDICATE	<input type="checkbox"/> 1 SELF INSURED	<input type="checkbox"/> 2 GUARANTEE	<input type="checkbox"/> 3 INSURANCE	<input type="checkbox"/> 4 SURETY BOND
	<input type="checkbox"/> 5 LETTER OF CREDIT	<input type="checkbox"/> 6 EXEMPTION	<input type="checkbox"/> 7 OTHER	

VI. LEGAL NOTIFICATION AND BILLING ADDRESS

Legal notification and billing will be sent to the tank owner unless box I or II is checked.

CHECK ONE BOX INDICATING WHICH ABOVE ADDRESS SHOULD BE USED FOR LEGAL NOTIFICATIONS AND BILLING: I II III

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

OWNER'S NAME (PRINTED & SIGNED) <i>[Signature]</i>	OWNER'S TITLE AL DEMIL	DATE MONTH/DAY/YEAR JUNE 11, 1996
---	----------------------------------	---

COUNTY # [] []	JURISDICTION # [] [] []	FACILITY # [] [] [] [] [] []
LOCATION CODE - OPTIONAL	CENSUS TRACT # - OPTIONAL	SUPVISOR - DISTRICT CODE - OPTIONAL

THIS FORM MUST BE ACCOMPANIED BY AT LEAST (1) OR MORE PERMIT APPLICATION - FORM B, UNLESS THIS IS A CHANGE OF SITE INFORMATION ONLY.
OWNER MUST FILE THIS FORM WITH THE LOCAL AGENCY IMPLEMENTING THE UNDERGROUND STORAGE TANK REGULATIONS

STATE OF CALIFORNIA
 STATE WATER RESOURCES CONTROL BOARD
UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B



COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY ONE ITEM 1 NEW PERMIT 2 INTERIM PERMIT 3 RENEWAL PERMIT 4 AMENDED PERMIT 5 CHANGE OF INFORMATION 6 TEMPORARY TANK CLOSURE 7 PERMANENTLY CLOSED ON SITE 8 TANK REMOVED

OBA OR FACILITY NAME WHERE TANK IS INSTALLED: McGrath Steel Company

I. TANK DESCRIPTION COMPLETE ALL ITEMS - SPECIFY IF UNKNOWN

A. OWNER'S TANK I.D. # Two B. MANUFACTURED BY: UNKNOWN
 C. DATE INSTALLED (MO/DAY/YEAR) 04/81 D. TANK CAPACITY IN GALLONS: 2000

II. TANK CONTENTS IF A-1 IS MARKED, COMPLETE ITEM C.

A. 1 MOTOR VEHICLE FUEL 2 PETROLEUM 3 CHEMICAL PRODUCT 4 OIL 50 EMPTY 95 UNKNOWN 1 PRODUCT 2 WASTE 1a REGULAR UNLEADED 1b PREMIUM UNLEADED 1c MIDGRADE UNLEADED 2 LEADED 3 DIESEL 4 GASAHOL 5 JET FUEL 99 OTHER (DESCRIBE IN ITEM D BELOW) 6 AVIATION GAS 7 METHANOL 8 M85

D. IF (A 1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED _____ C.A.S.#: _____

III. TANK CONSTRUCTION MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E

A. TYPE OF SYSTEM 1 DOUBLE WALL 2 SINGLE WALL WITH EXTERIOR LINER 3 SINGLE WALL IN A VAULT 4 INTERNAL BLADDER SYSTEM 99 UNKNOWN 2 SINGLE WALL

B. TANK MATERIAL (Primary Tank) 1 BARE STEEL 2 STAINLESS STEEL 3 FIBERGLASS 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC 5 CONCRETE 6 POLYVINYL CHLORIDE 7 ALUMINIUM 8 100% METHANOL COMPATIBLE W/FRP 9 BRONZE 10 GALVANIZED STEEL 95 UNKNOWN 99 OTHER

C. INTERIOR LINING OR COATING 1 RUBBER LINED 2 ALKYD LINING 3 EPOXY LINING 4 PHENOLIC LINING 5 GLASS LINING 6 UNLINED 95 UNKNOWN 99 OTHER
 IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? YES ___ NO ___

D. EXTERIOR CORROSION PROTECTION 1 POLYETHYLENE WRAP 2 COATING 3 VINYL WRAP 4 FIBERGLASS REINFORCED PLASTIC 5 CATHODIC PROTECTION 6 NONE 95 UNKNOWN 99 OTHER

E. SPILL AND OVERFILL, etc. SPILL CONTAINMENT INSTALLED (YEAR) 1995 OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) 1995
 DROPP TUBE YES ___ NO X STRIKER PLATE YES ___ NO X DISPENSER CONTAINMENT YES ___ NO Y

IV. PIPING INFORMATION CIRCLE A U ABOVE GROUND OR U U UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE A U 1 SUCTION A U 2 PRESSURE A (U) 3 GRAVITY A U 4 FLEXIBLE PIPING A U 99 OTHER

B. CONSTRUCTION A (U) 1 SINGLE WALL A U 2 DOUBLE WALL A U 3 UNED TRENCH A U 95 UNKNOWN A U 99 OTHER

C. MATERIAL AND CORROSION PROTECTION A U 1 BARE STEEL A U 2 STAINLESS STEEL A U 3 POLYVINYL CHLORIDE (PVC) A U 4 FIBERGLASS PIPE A U 5 ALUMINIUM A U 6 CONCRETE A U 7 STEEL W/ COATING A U 8 100% METHANOL COMPATIBLE W/FRP A U 9 GALVANIZED STEEL A U 10 CATHODIC PROTECTION A (U) 95 UNKNOWN A U 99 OTHER

D. LEAK DETECTION 1 MECHANICAL LINE LEAK DETECTOR 2 LINE THICKNESS TESTING 3 CONTINUOUS INTERSTITIAL MONITORING 4 ELECTRONIC LINE LEAK DETECTOR 5 AUTOMATIC SHUTDOWN 99 OTHER NONE

V. TANK LEAK DETECTION

1 VISUAL CHECK 2 MANUAL INVENTORY RECONCILIATION 3 VADDS MONITORING 4 AUTOMATIC TANK GAUGING 5 GROUND WATER MONITORING 6 ANNUAL TANK TESTING 7 CONTINUOUS INTERSTITIAL MONITORING 8 SIR 9 WEEKLY MANUAL TANK GAUGING 10 MONTHLY TANK TESTING 95 UNKNOWN 99 OTHER

VI. TANK CLOSURE INFORMATION (PERMANENT CLOSURE IN-PLACE)

1. ESTIMATED DATE LAST USED (MO/DAY/YR) 10/95 2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING UNKNOWN GALLONS 3. WAS TANK FILLED WITH INERT MATERIAL? YES ___ NO

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

TANK OWNER'S NAME (PRINTED & SIGNATURE) AL DEMIL EXECUTIVE VICE-PRES. DATE JUNE 11, 1996

LOCAL AGENCY USE ONLY THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.# COUNTY # JURISDICTION # FACILITY # TANK #
 PERMIT NUMBER PERMIT APPROVED BY/DATE PERMIT EXPIRATION DATE

THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED. FORM C MUST BE COMPLETED FOR INSTALLATIONS. THIS FORM SHOULD BE ACCOMPANIED BY A PLOT PLAN. FILE THIS FORM WITH THE LOCAL AGENCY IMPLEMENTING THE UNDERGROUND STORAGE TANK REGULATIONS

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD
UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B



COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY ONE ITEM	<input type="checkbox"/> 1 NEW PERMIT	<input type="checkbox"/> 3 RENEWAL PERMIT	<input type="checkbox"/> 5 CHANGE OF INFORMATION	<input type="checkbox"/> 7 PERMANENTLY CLOSED ON SITE
	<input type="checkbox"/> 2 INTERIM PERMIT	<input type="checkbox"/> 4 AMENDED PERMIT	<input type="checkbox"/> 6 TEMPORARY TANK CLOSURE	<input checked="" type="checkbox"/> 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED: McGrath Steel Company

I. TANK DESCRIPTION COMPLETE ALL ITEMS - SPECIFY IF UNKNOWN

A. OWNER'S TANK I.D.# <u>ONE</u>	B. MANUFACTURED BY. <u>UNKNOWN</u>
C. DATE INSTALLED (MO/DAY/YEAR) <u>1979</u>	D. TANK CAPACITY IN GALLONS <u>2000</u>

II. TANK CONTENTS IF A-1 IS MARKED, COMPLETE ITEM C.

A. <input checked="" type="checkbox"/> 1 MOTOR VEHICLE FUEL	<input type="checkbox"/> 4 OIL	B. <input type="checkbox"/> 1 PRODUCT	C. <input type="checkbox"/> 1a REGULAR UNLEADED	<input checked="" type="checkbox"/> 3 DIESEL	<input type="checkbox"/> 6 AVIATION GAS
<input type="checkbox"/> 2 PETROLEUM	<input type="checkbox"/> 5 NO EMPTY	<input type="checkbox"/> 2 WASTE	<input type="checkbox"/> 1b PREMIUM UNLEADED	<input type="checkbox"/> 4 GAS/MOL.	<input type="checkbox"/> 7 METHANOL
<input type="checkbox"/> 3 CHEMICAL PRODUCT	<input type="checkbox"/> 95 UNKNOWN		<input type="checkbox"/> 1c MIDGRADE UNLEADED	<input type="checkbox"/> 5 JET FUEL	<input type="checkbox"/> 8 MBS
D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED			<input type="checkbox"/> 2 LEADED	<input type="checkbox"/> 99 OTHER (DESCRIBE IN ITEM D. BELOW)	

III. TANK CONSTRUCTION MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E

A. TYPE OF SYSTEM	<input type="checkbox"/> 1 DOUBLE WALL	<input type="checkbox"/> 3 SINGLE WALL WITH EXTERIOR LINER	<input type="checkbox"/> 5 INTERNAL BLADDER SYSTEM	<input type="checkbox"/> 95 UNKNOWN
	<input checked="" type="checkbox"/> 2 SINGLE WALL	<input type="checkbox"/> 4 SINGLE WALL IN A VAULT	<input type="checkbox"/> 99 OTHER	
B. TANK MATERIAL (Primary Tank)	<input checked="" type="checkbox"/> 1 BARE STEEL	<input type="checkbox"/> 2 STAINLESS STEEL	<input type="checkbox"/> 3 FIBERGLASS	<input type="checkbox"/> 6 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC
	<input type="checkbox"/> 5 CONCRETE	<input type="checkbox"/> 6 POLYVINYL CHLORIDE	<input type="checkbox"/> 7 ALUMINUM	<input type="checkbox"/> 8 100% METHANOL COMPATIBLE W/FRP
	<input type="checkbox"/> 9 BRONZE	<input type="checkbox"/> 10 GALVANIZED STEEL	<input type="checkbox"/> 95 UNKNOWN	<input type="checkbox"/> 99 OTHER
C. INTERIOR LINING OR COATING	<input type="checkbox"/> 1 RUBBER LINED	<input type="checkbox"/> 2 ALKYL LINING	<input type="checkbox"/> 3 EPOXY LINING	<input type="checkbox"/> 4 PHENOLIC LINING
	<input type="checkbox"/> 5 GLASS LINING	<input checked="" type="checkbox"/> 6 UNLINED	<input type="checkbox"/> 95 UNKNOWN	<input type="checkbox"/> 99 OTHER
IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? YES ___ NO ___				
D. EXTERIOR CORROSION PROTECTION	<input type="checkbox"/> 1 POLYETHYLENE WRAP	<input type="checkbox"/> 2 COATING	<input type="checkbox"/> 3 VINYL WRAP	<input type="checkbox"/> 4 FIBERGLASS REINFORCED PLASTIC
	<input type="checkbox"/> 5 CATHODIC PROTECTION	<input checked="" type="checkbox"/> 91 NONE	<input type="checkbox"/> 95 UNKNOWN	<input type="checkbox"/> 99 OTHER
E. SPILL AND OVERFILL, etc.	SPILL CONTAINMENT INSTALLED (YEAR) <u>NONE</u>		OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) <u>NONE</u>	
	DROPTUBE YES ___ NO <input checked="" type="checkbox"/>		STRIKER PLATE YES ___ NO <input checked="" type="checkbox"/>	
			DISPENSER CONTAINMENT YES ___ NO <input checked="" type="checkbox"/>	

IV. PIPING INFORMATION CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE	A U 1 SUCTION	A U 2 PRESSURE	A (U) 3 GRAVITY	A U 4 FLEXIBLE PIPING	A U 99 OTHER
B. CONSTRUCTION	A (U) 1 SINGLE WALL	A U 2 DOUBLE WALL	A U 3 UNED TRENCH	A U 95 UNKNOWN	A U 99 OTHER
C. MATERIAL AND CORROSION PROTECTION	A U 1 BARE STEEL	A U 2 STAINLESS STEEL	A U 3 POLYVINYL CHLORIDE (PVC)	A U 4 FIBERGLASS PIPE	
	A U 5 ALUMINUM	A U 6 CONCRETE	A U 7 STEEL W/ COATING	A U 8 100% METHANOL COMPATIBLE W/FRP	
	A U 9 GALVANIZED STEEL	A U 10 CATHODIC PROTECTION	A (U) 95 UNKNOWN	A U 99 OTHER	
D. LEAK DETECTION	<input type="checkbox"/> 1 MECHANICAL LINE LEAK DETECTOR	<input type="checkbox"/> 2 LINE TIGHTNESS TESTING	<input type="checkbox"/> 3 CONTINUOUS INTERSTITIAL MONITORING	<input type="checkbox"/> 4 REMOTE LINE LEAK DETECTOR	<input type="checkbox"/> 5 AUTOMATIC PUMP SHUTDOWN
	<input checked="" type="checkbox"/> 99 OTHER <u>None</u>				

V. TANK LEAK DETECTION

<input type="checkbox"/> 1 VISUAL CHECK	<input type="checkbox"/> 2 MANUAL INVENTORY RECONCILIATION	<input type="checkbox"/> 3 VADOZE MONITORING	<input type="checkbox"/> 4 AUTOMATIC TANK GAUGING	<input type="checkbox"/> 5 GROUND WATER MONITORING	<input type="checkbox"/> 6 ANNUAL TANK TESTING
<input type="checkbox"/> 7 CONTINUOUS INTERSTITIAL MONITORING	<input type="checkbox"/> 8 SIP	<input type="checkbox"/> 9 WEEKLY MANUAL TANK GAUGING	<input type="checkbox"/> 10 MONTHLY TANK TESTING	<input checked="" type="checkbox"/> 95 UNKNOWN	<input type="checkbox"/> 99 OTHER

VI. TANK CLOSURE INFORMATION (PERMANENT CLOSURE IN PLACE)

1. ESTIMATED DATE LAST USED (MO/DAY/YR) <u>1976</u>	2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING <u>UNKNOWN</u> GALLONS	3. WAS TANK FILLED WITH INERT MATERIAL? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
---	---	---

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

TANK OWNERS NAME (PRINTED & SIGNATURE) <u>AL DEMIL</u>	DATE <u>JUNE 11, 1996</u>
EXECUTIVE VICE PRESIDENT	

LOCAL AGENCY USE ONLY THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.#	COUNTY #	JURISDICTION #	FACILITY #	TANK #
PERMIT NUMBER	PERMIT APPROVED BY/DATE		PERMIT EXPIRATION DATE	

THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED. FORM C MUST BE COMPLETED FOR INSTALLATIONS. THIS FORM SHOULD BE ACCOMPANIED BY A PLOT PLAN. FILE THIS FORM WITH THE LOCAL AGENCY IMPLEMENTING THE UNDERGROUND STORAGE TANK REGULATIONS

**SITE HEALTH AND SAFETY PLAN
UNDERGROUND STORAGE TANK REMOVAL**

Prepared for:

MCGRATH STEEL
6655 Hollis Street
Emeryville, CA 94608

**SUBSURFACE ENVIRONMENTAL CORP.
PROJECT NO. 960241**

PROJECT DESCRIPTION

The subject site is located at 6655 Hollis Street. There are two (2) 2,000 gallon underground storage tanks located north side of the building beneath the sidewalk. One tank was use for storing unleaded gasoline and the other tank was used for storing diesel fuel. The tanks are currently inactive and believed to be empty. This project involves removing the underground storage tanks, soil sampling and backfilling the tank excavations.

POLICY STATEMENT

It is the policy of Subsurface Environmental Corp. to provide a safe and healthful work environment for all its employees. Subsurface considers no phase of operations or administration to be of greater importance than injury or illness prevention. Safety takes precedence over expediency or short cuts. At Subsurface we believe every accident and every injury is preventable. We will take every reasonable step to reduce the possibility of injury, illness or accident.

OBJECTIVE

This Site Health and Safety Plan describes the policies and procedures that will be followed during the tank removal operation.

RESPONSIBILITIES

Project Manager

The project manager for this job will be Mr. Gary Ogle. His duties include overseeing all project activities, supervising site personnel and enforcing and ensuring all Health and Safety Plan regulations.

Health and Safety Officer

The Health and Safety Officer for this project will be Roxanne Harris. She will be the contact for the regulatory agencies and consult with the project manager on matters of safety and health. Her duties include determining the level of personnel protective equipment, performing site inspections, ensuring that all onsite personnel have been given the proper training and determining potential safety hazards as the job progresses.

All Personnel

All personnel are responsible for continuous adherence to the health and safety procedures during the performance of their work. No person may work in a manner that conflicts with the intent of, or the inherent safety expressed in these procedures.

Each person is responsible for their own health and safety, for completing tasks in a safe manner and for reporting any unsafe acts or conditions to his supervisor or Subsurface representatives.

Tailgate Safety Meetings

Each employee will be informed of job tasks to be performed and the hazards associated with each task. They will be reminded of general safety rules and work practices. A review of the work performed the day before and any unsafe conditions will be discussed.

HAZARD ANALYSIS

Physical Hazards:

- Operation of Heavy Equipment & Tools
- Lifting Heavy Objects
- Slipping or Falling Inside Excavations
- Unstable Ground
- Utility Lines
- Noise

Chemical Hazards:

Waste Types

- Gasoline
- Diesel

Waste Characteristics

- Toxic
- Flammable

Hazards of Concern

- Explosion/Flammable
- Organic Chemicals

Hazard Summary

Overall Hazard Evaluation: Low

Fire/Explosion Potential: low

Justification:

Product has already been emptied from the tanks. Carbon dioxide will be used to inert the tanks before removal and a LEL meter will be used to measure oxygen level and combustible vapors. Proper personnel protective equipment will be worn at all times.

PERSONAL PROTECTIVE EQUIPMENT

- Hard hats
- Safety goggles
- Ear protection
- Steel toed boots

MONITORING

<u>Instrument</u>	<u>Task</u>	<u>Action Guidelines</u>	
Combustible Gas Indicator	Tank Removal	0 - 10%LEL	No explosion hazard
		10 - 25%LEL	Potential explosion hazard; take necessary precautions
		>25%	Explosion hazard; interrupt task & evacuate
		21.0%O ₂	Oxygen normal
		<21.0%O ₂	Oxygen deficient; take necessary precautions
	<19.5%O ₂	Interrupt task and evacuate	

DECONTAMINATION PROCEDURES

We will not be working with any contaminated materials at this jobsite.

CONFINED SPACE ENTRY PROCEDURES

Confined space entry will not be necessary on this project.

SECURING THE SITE

It will be necessary to leave the excavations open while waiting for soils analysis. Barricades, caution tape and plywood will be used over or around each excavation to prevent any entry into the hole.

EMERGENCY/CONTINGENCY PLANS

ALL EMERGENCY'S CALL 911

Medical Emergency: First aid or other appropriate immediate action will be administered then, if necessary, proceed to nearest appropriate medical facility.

Fire/Explosion: Contact Emeryville Fire Department & Police Department at 911. Fire extinguishers will be available onsite.

Fax Transmittal Memo

702

No. of Pages

2

Today's Date

6/19/96

Time

2:30

From

Suzanne Moeck

Company

Subsurface ENVIRONMENTAL

Location

Dept Charge

Fax #

(415) 863-8156

Telephone #

(415) 863-8100

Original Disposition:

Destroy

Return

Call for pickup

To SUSAN HUGO
Company Alameda County Dept of Health
Location

Fax # (510) 337-9335 Telephone #

Comments Enclosed is Contractor Signature &

Hospital Route Map. We sent you the only copy of the closure plan for McGrath Steel with the owner signature. Could you send us back a copy of his signature at your leisure. Also we will be in tomorrow 6/20 to pick up permit. Thanks

18. Submit worker's Compensation certificate copy

Name of Insurer State Compensation Insurance Fund Policy #1291679-95

19. Submit Plot Plan ***** (See Instructions) *****

20. Enclose Deposit (See Instructions)

21. Report any leaks or contamination to this office within 5 days of discovery. The written report shall be made on an Underground Storage Tank Unauthorized Leak/Contamination Site Report (ULR) form.

22. Submit a closure report to this office within 60 days of the tank removal. The report must contain all information listed in item 22 of the instructions.

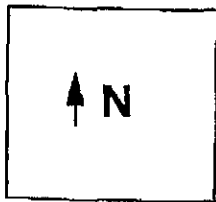
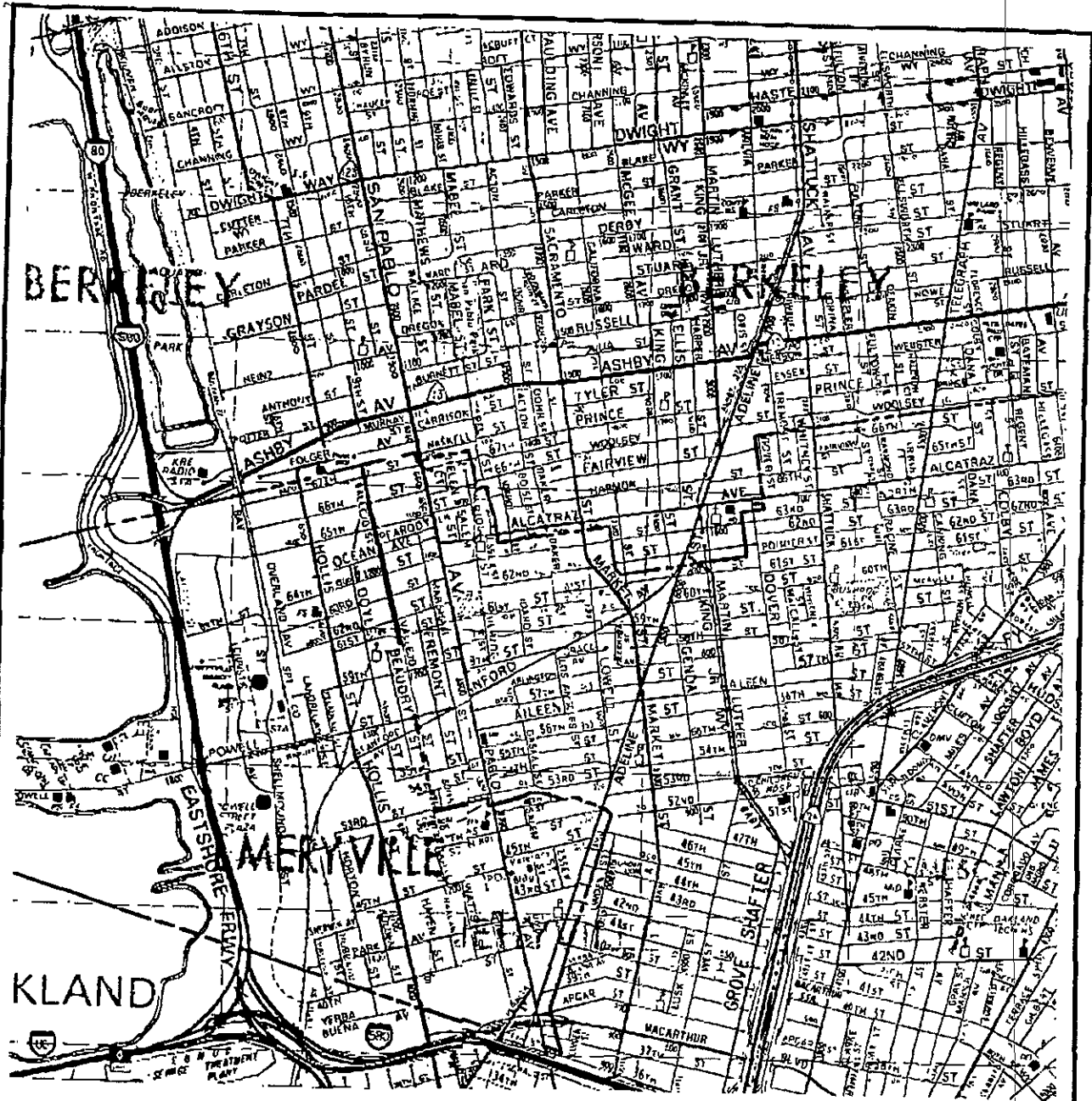
23. Submit State (Underground Storage Tank Permit Application) Forms A and B (one B form for each UST to be removed) (mark box 8 for "tank removed" in the upper right hand corner)

I declare that to the best of my knowledge and belief that the statements and information provided above are correct and true.

I understand that information, in addition to that provided above, may be needed in order to obtain approval from the Environmental Protection Division and that no work is to begin on this project until this plan is approved.

I understand that any changes in design, materials or equipment will void this plan if prior approval is not obtained.

I understand that all work performed during this project will be done in compliance with



Alta Bates Hospital
 2450 Ashby Avenue
 Berkeley, CA
 (510) 204-4444

From the Site
 East on 67th Street
 Left on San Pablo
 Right on Ashby

**SUBSURFACE
 ENVIRONMENTAL
 PROJECT #960241**

**MCGRATH STEEL
 6655 HOLLIS STREET
 EMERYVILLE, CA 94608**

**HOSPITAL ROUTE MAP
 SITE MAP, JUNE 1996**