RUSH PROPERTY GROUP, LLC

2200 ADELINE STREET #350
OAKLAND, CALIFORNIA 94607
(510) 763-7165
(510) 763-8844 FAX
FRANCIS@RUSHPROPERTY.COM

April 4, 2008

Ariu Levi
Alameda County Health Care Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Via US Mail #7007 3020 0002 0859 5657

Dear Mr. Levi,

Enclosed please find check number 1088 in the amount of $8,200.00 as a deposit for the regulatory oversight for the former Precision Casting site at 1549 32nd Street, Oakland, CA 94608 as you have requested.

We are requesting a complete accounting of the $25,265 we have already been billed for "regulatory oversight". This accounting should identify the personnel, dates and times and the work performed. Since ACEH was charging $75.00 per hour when this case started in 2002, the amount of time expended would appear to be in excess of 250 hours.

I hope this case can be given a priority, given the long absence of oversight personnel and the delays in reviewing reports in the past. The property was remediated in 2004. I do not think it reasonable to charge "oversight fees" to provide this requested accounting.

Sincerely,

Francis Rush

cc: Seth Jacobson
William Wasko, Esq.
Mary Rose Cassa

202508

1088

PERCISION LOFTS, LLC
2868 HANNAH STREET, LLC
2200 ADELINE STREET, SUITE 350
OAKLAND, CA 94607

THE MECHANICS BANK
90-203-1211

04/04/08

PAY TO THE ORDER OF Alameda County Environmental Health $ **8,200.00

Eight Thousand Two Hundred and 00/100********** DOLLARS

Alameda County Environmental Health
1131 Harbor Bay Pkwy
Suite 250
Alameda, CA 94502-6577

MEMO SLIC 1549 32th S., Oakland, AR #0308611

⑈001088⑈ ⑆121102036⑆ 039⑈325016⑈

08105643.90

PERCISION LOFTS, LLC
2868 HANNAH STREET, LLC

Alameda County Environmental Health	04/04/08	1088	
			8,200.00

ENVIRONMENTAL HEALTH
ENCLOSURE
2008 APR -9 AM 9:44

Checking	SLIC 1549 32th S., Oakland, AR #0308611	8,200.00

RO2528

1075

PERCISION LOFTS, LLC
2868 HANNAH STREET, LLC
2200 ADELINE STREET, SUITE 350
OAKLAND, CA 94607

THE MECHANICS BANK
90-203-1211

12/12/06

PAY TO THE ORDER OF Alameda County Environmental Health $ **8,600.00

Eight Thousand Six Hundred and 00/100********** DOLLARS

Alameda County Health Care Services
1131 Harbor Bay Pkwy
Suite 250
Alameda, CA 94502-6577

MEMO SLIC 1549 32th S., Oakland, AR #0308611

⑈001075⑈ ⑆121102036⑆ 039⑈325016⑈

PERCISION LOFTS, LLC
2868 HANNAH STREET, LLC

Alameda County Environmental Health		12/12/06	1075
			8,600.00

06 DEC 19 PM 4:29
ENVIRONMENTAL HEALTH
ADMINISTRATION

Checking	SLIC 1549 32th S., Oakland, AR #0308611	8,60

RO2508

RUSH PROPERTY GROUP, LLC
2200 ADELINE ST., SUITE 350
OAKLAND, CA 94607

35002/30811

WELLS FARGO BANK, N.A.
11-4288-1210

1908

05/24/'04

PAY TO THE ORDER OF Alameda County Environmental Health

$**11,500.00

Eleven Thousand Five Hundred and 00/100********** DOLLARS

Alameda County Environmental Hea
1131 Harbor Bay Parkway
Suite 250
Alameda, CA 94502-6577

MEMO Site Mitigation - SLIC 1549 32nd St. Oakland.

⑈001908⑈ ⑆121042882⑆ 5170524655⑈

Security Features Included. Details on back.

0810643-90

Alameda County
MAY 26 2004
Environmental Health

Barney

ALAMEDA COUNTY
ENVIRONMENTAL HEALTH
P.O. BOX N, ALAMEDA, CA 94501-0108
PHONE: (510) 567-6858

INVOICE

Account No.: AR0308611

Invoice No.: IN0035002
Print Date: 04/06/04

Invoice Amount Due: $ 331.80

☐ If any changes, check box and complete the appropriate portion on the reverse side.

RE: RO#2508

TO: 5502
SETH JACOBSON
Attn: SITE: 1549 32RD ST, OAK, RO #2508
655 3RD ST #3
OAKLAND, CA 94607

ALAMEDA COUNTY ENVIRONMENTAL HEALTH
P.O. BOX N
ALAMEDA, CA 94501-0108

FOR PROPER PAYMENT POSTING, PLEASE RETURN TOP PORTION WITH YOUR PAYMENT

Account No: AR0308611 Invoice No: IN0035002 **Attn: SITE: 1549 32RD ST, OAK, RO #2508**

Invoice Date	Program/ Element	Description	No. of Units/ Hours	Unit/ Hourly Rate		Amount
02/06/04	5502	SPILLS, LEAKS, INDUSTRIAL CONTAMINATION SITE	0.30/hr(s)	158.00/hr	$	47.40
02/17/04	5502	SPILLS, LEAKS, INDUSTRIAL CONTAMINATION SITE	1.20/hr(s)	158.00/hr	$	189.60
03/09/04	5502	SPILLS, LEAKS, INDUSTRIAL CONTAMINATION SITE	0.20/hr(s)	158.00/hr	$	31.60
02/19/04	5502	SPILLS, LEAKS, INDUSTRIAL CONTAMINATION SITE	0.20/hr(s)	158.00/hr	$	31.60
04/01/04	5502	SPILLS, LEAKS, INDUSTRIAL CONTAMINATION SITE	0.20/hr(s)	158.00/hr	$	31.60
				INVOICE BALANCE DUE:	**$**	**331.80**

Apply =
Inv # 31980 - $3,131.60
Inv # 32764 - 111.00
Inv # 35002 - 331.80
Charges = $3,574.40 - deposits 4515
deposits in 9444.16 = $7,925.6

YOUR TOTAL ACCOUNT AGING INFORMATION:

1-30 Days	31-60 Days	61-90 Days	91-120 Days	Over 121 Days	**Account Balance Total Due**
$ 0.00	$ 63.20	$ 268.60	$ 0.00	$ 3,242.60	**$ 3,574.40**

FOR MORE INFORMATION, PLEASE SEE THE BACK OF THIS INVOICE.

RU 2508

Chan, Barney, Env. Health

From: Dave Dement [ddement@accenv.com]
Sent: Thursday, July 26, 2007 11:16 AM
To: Chan, Barney, Env. Health
Subject: Additional Info for Hannah Street

Barney,

I wanted to communicate this to you privately. I don't think that Francis Rush or Don Torkington, the previous operator of the heat treat facility, lied to me but I don't like the fact that they didn't mention the building that turns out to be listed as a "pain/putty factory" and was still onsite until 2003 or so. I was led to believe the entire Hannah Street property was a parking lot and storage area with no industrial activity.

The former building was approximately 60 feet by 75 feet. The remainder of the Hannah Street property was clearly used for parking in the aerial photographs (some of which are remarkably clear). I most likely will propose four soil borings within the footprint of the former building. I don't think the former "pain/putty factory" is responsible for the TPHg reported in soil boring B18 but since the former building butts right up next to the proposed residential development, soil conditions should be confirmed under the old "paint factory."

Dave

David DeMent, PG, REA II
ACC Environmental Consultants, Inc.
7977 Capwell Drive, Suit 100
Oakland, California 94621
510.638.8400 x109
510.638.8404 fax
510.773.7304 direct

RO 2508

Chan, Barney, Env. Health

From: Dave Dement [ddement@accenv.com]

Sent: Thursday, July 26, 2007 11:07 AM

To: Chan, Barney, Env. Health

Cc: 'Francis Rush'

Subject: Additional Phase I Information - Hannah Street Property

Barney,

Since I haven't seen the original Phase I referenced in some of the reports, I ordered Sanborn Fire Insurance maps and aerial photographs for the Site. The new information is generally consistent with what I have been told but also justifies doing a little more investigation than proposed in our Work Plan. It appears that there was a "paint factory / putty factory" building on the NW corner of the Hannah Street parcel from circa the 1940's to 2003. I don't know what years it actually operated but the building itself is visible on aerial photographs up to 2003, the last year we ordered.

Mr. Rush is out of town until August 2 and I'm away until August 6. We'll have a revised Work Plan to you most likely by August 10.

Dave

David DeMent, PG, REA II
ACC Environmental Consultants, Inc.
7977 Capwell Drive, Suit 100
Oakland, California 94621
510.638.8400 x109
510.638.8404 fax
510.773.7304 direct

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

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

July 17, 2007

Mr. Francis Rush
Rush Property Group
2200 Adeline St., #350
Oakland, CA 94607

Dear Mr. Rush:

Subject: SLIC Case RO0002508 & Global ID T06019741226, Former Precision Cast, 1549 32nd St., Oakland, CA 94607

Alameda County Environmental Health (ACEH) staff has reviewed the case file for the referenced site including the June 14, 2007 Work Plan-Subsurface Investigation prepared by ACC Environmental Consultants. We have the following technical comments, which must be addressed prior to performing the proposed work. We believe the additional information requested will complete site characterization and based upon these results, will allow the determination if no further action is necessary for unrestricted site use. Our previous April 3, 2007 letter requested additional information deemed necessary to complete your investigation.

TECHNICAL COMMENTS

1. Fill Material Characterization- The use of fill from a Berkeley source was done without County oversight as was the sampling of soil after backfilling. Approximately 3200 cubic yards of soil was used as backfill for the excavations at this site. Though imported soil samples were collected from five locations, some at two depths and analyzed for metals, total petroleum hydrocarbons and volatile hydrocarbons (in two samples), it cannot be determined where these samples were actually collected. One soil boring is proposed for sampling from within the middle excavation. It will be advanced to a minimum of 12' bgs and one two-point composite sample from 4-8' collected for analysis of TEPH and five LUFT metals. We request that one additional soil boring be advanced within the north excavation. The borings should be continuously logged and **two** discrete samples from soils from 4-8' should be collected and analyzed for TPHg, TEPH (inclusive of TPHd, ho and mo), LUFT metals and Volatile Organics by EPA Method 8260. Note TEPH analysis should be by GC and appropriate detection limits obtained.

2. Off-Site Characterization- The sampling within the neighboring residential properties was insufficient in number and analyses and of poor data quality. Not all samples were analyzed for the appropriate chemicals of concern (COCs) and were run using an inadequate test method. This data is necessary to complete site characterization and verify that neighboring properties have not been adversely impacted by the contamination. In the event that contamination has significantly impacted these properties, the property owners must be advised and allowed to comment on the Corrective Action Plan (CAP) for the site. Two soil samples are proposed, one in the vicinity of B-9 and one in the vicinity of soil sample SWJ-7', where 3400 ppm TPHho was detected. We request that a total of three borings be advanced one in the three adjacent properties, 2863, 2859 and 2851 Helen St. Please collect and analyze two soil samples, one at 7' and one from 12-16' bgs, to investigate the observed permeable lens. One groundwater should be collected from each borings and all samples should be analyzed for TEPH (TPHd,ho,mo) and for Volatile Organic Compounds (VOCs) by EPA Method 8260. Please note these suggested boring locations in the attached Figure 2. Please indicate the locations of these borings in a revised figure, which includes

the adjacent property boundaries and addresses and all previous sample locations in the technical report requested below.

3. Characterization of 2885 Hannah St.- This area was reportedly used for parking, raw material storage, containers and equipment according to Mr. Don Torkington, owner and operator of Precision Cast from 1983-2002. Prior borings E-12 and E-13 in the southwest and southeast corners of this property did not detect any contaminants of concern in either soil or groundwater, however, the presence of 1640 ppb TPHg in groundwater from boring B-18 appears to have come from this site and must be investigated. Two borings are proposed to further characterize this property and investigate the presence of the TPHg in B-18. One will be adjacent to B-18 and one in the center of the property. A minimum of one soil and one grab groundwater sample will be collected and analyzed for TPHg, TEPH and Volatile Organics. The borings will be advanced to a minimum of 12' bgs or until groundwater is encountered. A soil sample and a grab groundwater sample is proposed for analysis from each boring. You have not provided enough information to determine the adequacy of the proposed borings. The referenced January 4, 2001 Phase I ESA has never been provided and only assumptions made by your consultants. Appropriate history of site use must be provided, including but not limited to Sanborn maps, aerial photos, phone book directories, etc. As a result of this study, you are to propose appropriate sample locations. If this cannot be done, sufficient borings must be proposed to characterize the property as one would an "unknown" property. Please provide either additional information to support the proposed boring locations or a revised sampling proposal.

4. Soil Vapor Sampling- Soil vapor sampling has become a requirement for industrial sites considering residential or other conservative site use. Soil vapor impacts are not as predictable as impacts from soil and groundwater releases. Elevated soil vapor results have been observed at sites where minimal soil or groundwater contamination was detected. Samples are typically taken in areas where contamination is detected or where residential buildings are proposed. Volatile organic compounds (VOCs), other than kerosene, were not used at the site. The VOCs detected likely came as contaminants in the cutting oil since they were reported in the analysis of free product from SB-6. The areas where buildings are proposed on grade were sampled by soil vapor samples, B-1SV and B-5SV. The highest residual VOCs detected were in SW-H@4' located close to B-5SV. The soil vapor results from these borings detected low concentrations of all compounds, lower than the ESLs for soil vapor to indoor air exposure. The area of cutting oil release has been over-excavated and will be in the future beneath a parking structure. We, therefore, concur that no further soil vapor sample is necessary due to the lack of presence of volatile organic compounds and the existing soil vapor data.

5. Sampling & Chemical Analysis- **You are cautioned to run the samples for all the compounds requested and not omit any as indicated in the Comment column in Table 12-Proposed Analyses of this work plan.** We agree that duplicate samples may not be required for chemical analyses, however, we request that the trip blanks and equipment blanks be analyzed. Sample coolers are proposed be cooled with ice not blue ice. Please use caution when using ice only to cool glass containers. They have been known to freeze glass containers and be susceptible to breaking, in which case, duplicate samples may be required for analysis. The work plan states, "Due to extensive previous site investigation and soil sampling ACC proposes minimum of QA/QC duplicate soil samples." Please be aware that such QA/QC sampling is specific to the actual sampling event and should not be used to infer the need or lack of a need for such sampling in future events. Therefore, the normal QA/QC sampling and analysis should be used for the investigation.

6. Data Tables- The presentation of sample locations and data is incomplete. We are referring to analytical data that appears in analytical report sheets but is not included in any of the reported tables. Specifically, volatile organic compound results in groundwater from PZ-1, PZ-2 and E-5 through E-10 exist, however, these results are not reported in any table.

Figures for Pre- and Post- remediation soil and groundwater results may exist; however, they are not compiled into a single figure. They exist for the individual investigation being reported and but are not cumulative. An initial "high" concentration figure and "final" concentration figure should be provided for TPH, VOC and metals in soil and groundwater. Also a Plate indicating the locations of all samples should be provided as requested above in comment #2. Please include these tables and figures in the report requested below.

7. Risk Assessment- A risk assessment, with conclusions and recommendations shall be submitted in the technical report of findings after this scope of work is completed under the signature of a registered professional.

TECHNICAL REPORT REQUEST

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

- August 17, 2007- Phase I Report for 2885 Hannah St. and/or revised sampling proposal for this parcel.
- September 9, 2007- Soil and Groundwater Investigation Report, Data Tables and Figures and Risk Assessment.

Professional Certification and 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 case meet this requirement.

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 case.

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

Sincerely,

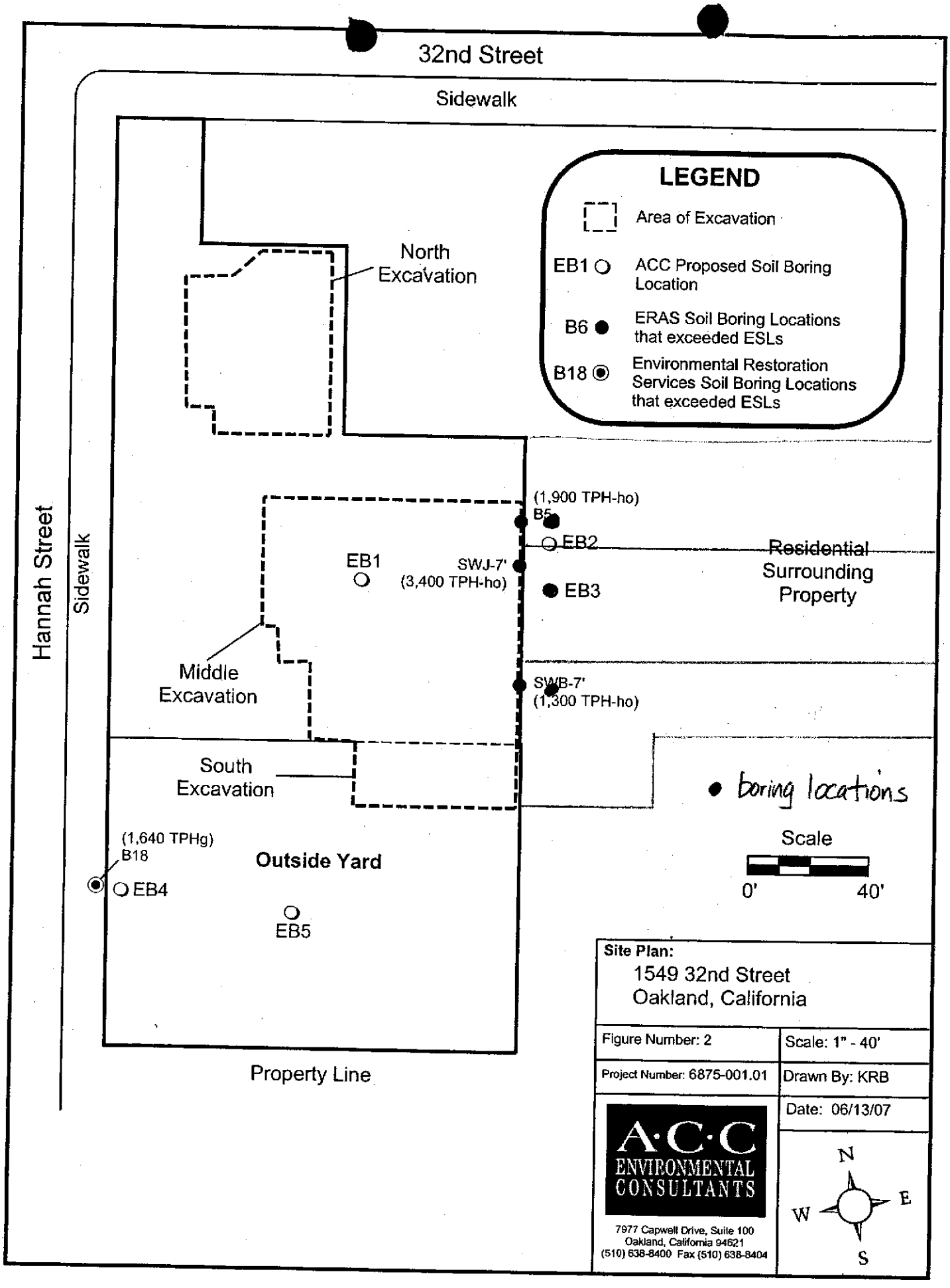
Barney M Chan

Barney M. Chan
Hazardous Materials Specialist

Enclosure- revised Figure 2 (all)

C: B. Chan, D. Drogos
Mr. Dave DeMent, ACC, 7977 Capwell Drive, Suite 100, Oakland, CA 94621

7_17_07 1549 32nd St



Site Plan:
1549 32nd Street
Oakland, California

Figure Number: 2	Scale: 1" - 40'
Project Number: 6875-001.01	Drawn By: KRB
	Date: 06/13/07

A·C·C ENVIRONMENTAL CONSULTANTS
7977 Capwell Drive, Suite 100
Oakland, California 94621
(510) 638-8400 Fax (510) 638-8404

N W E S

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

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

April 3, 2007

Mr. Francis Rush
Rush Property Group
2200 Adeline St., #350
Oakland, CA 94607

Dear Mr. Rush:

Subject: Toxics Case RO0002508, Former Precision Cast, 1549 32nd St., Oakland, CA 94607

Alameda County Environmental Health (ACEH) staff has reviewed the case file for the referenced site including the August 7, 2006 and December 14, 2006 Request and Addendum to Request for Regulatory Closure Summary prepared by ACC Environmental Consultants. We have determined that additional information will be required to progress the site to case closure. Please address the following technical comments and submit the technical report requested below.

TECHNICAL COMMENTS

FILL MATERIAL CHARACTERIZATION

1. The use of fill from a Berkeley source was done without County oversight. To clarify the fill material issue, please provide a map indicating the locations where the IMP soil samples were taken, the exact lateral and vertical locations the soil was placed at the site and the amount of soil placed.

OFF-SITE CHARACTERIZATION

2. The sampling within the neighboring residential properties was insufficient in number and analyses and of poor data quality. Not all samples were analyzed for the appropriate chemicals of concern (COCs) or were run using an adequate test method. Two soil samples and one groundwater should be collected from each borings and analyzed for TPH extractables by EPA 8015 or EPA 8260 and for Volatile Organic Hydrocarbons (VOCs) by EPA Method 8260. Please indicate the sample locations on an aerial photo.

CHARACTERIZATION OF 2885 HANNAH ST.

3. The history of site use on this property is insufficient. Please provide a Phase I report documenting historical site use and provide a sampling plan to appropriately characterize this site based upon this information. The presence of 1640 ppb TPHg in groundwater in the area of boring B-18 appears to have come from this site and must be explained or investigated.

SOIL VAPOR SAMPLING

4. The number of soil gas samples is insufficient to determine potential vapor risk at this site. Additional soil vapor samples must be taken in areas where volatile organics were detected and in areas where residential buildings are proposed. Please provide a work plan and rationale for additional soil vapor sampling.

DATA TABLES

5. The presentation of sample locations and data is incomplete. We request that you provide tables indicating the sample identification and sample depths along with analytical results. We also request you provide maps indicating the locations of pre- and

post-excavation sample and indicate those concentrations exceeding cleanup or Environmental Screening Levels (ESLs).

RISK ASSESSMENT

6. A risk assessment should be provided evaluating residual contaminant concentrations. The risk assessment should be provided under the signature of a registered professional.

TECHNICAL REPORT REQUEST

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

- May 3, 2007- Work Plan for Off-Site Characterization and Soil Vapor Sampling, with Fill Material Maps and Complete Data Tables
- May 3, 2007- Phase I Report and Work Plan for Sampling of 2885 Hannah St
- July 16, 2007- Risk Assessment Report

Professional Certification and 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 case meet this requirement.

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 case.

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

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, D. Drogos

4_3 07 1549 32nd St

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

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

November 7, 2006

Mr. Francis Rush
Rush Property Group
2200 Adeline St., #350
Oakland, CA 94607

Dear Mr. Rush:

Subject: Toxics Case RO0002508, Rush Property Group 32nd St., 1549 32nd St., Oakland, CA 94608

Our records indicate that the current balance on the referenced toxics case is -$2653.40. In order to continue to provide regulatory oversight we are requesting the submittal of a check made payable to Alameda County Environmental Health in the amount of $8,600.

It is expected that the amount requested will allow for the completion of the project with a zero balance. Otherwise, additional deposit will be requested, or any unused monies will be refunded to you our your designee.

The deposit is authorized in Section 6.92.040L of the Alameda County Ordinance Code. Work on this project is being debited at the Ordinance specified rate, currently $166.00 per hour.

Please write the type of project (site mitigation-SLIC) and the site address (1549 32nd St., Oakland) and the AR # 0308611 on your check.

If you have any questions, please contact me at (510) 567-6862.

Sincerely,

Arlu Levi
Director, Environmental Health

C: B. Chan, D. Drogos, J. Jacobs

AddDep1449 32nd St 11_7_06

Chan, Barney, Env. Health

From: Penny Torkington [penel@rockisland.com]
Sent: Sunday, October 15, 2006 8:06 PM
To: Chan, Barney, Env. Health
Subject: 1549 32nd Street Property

Donald L. Torkington
25 Avenida de Oro
Friday Harbor, WA 98250
360/378-6019
penel@rockisland.com

Dear Barney,

Thank you so much for updating me on the progress of the approval process for Francis Rush's condo project on 32nd St. in Oakland.

As we discussed on Friday, I will tell you what I personally know about the property known as 2868 Hannah St.

When Precision Cast Products purchased and moved into the 1549 32nd St. property in late 1983 there was a small business operating at 2868 Hannah St. that was re-packaging some type of house-hold chemical. They would buy drums of material and re-package it in smaller containers. I was never in the building so I don't know much about the operation. They moved or went out of business not long after that and the building was vacant for a time. It was then purchased by Scott Drywall Co. and was used as the office and warehouse for a plaster contractor. There was a shed on the south eastern corner of the property that was rented to a "handy man" and welder. Precision Cast Products purchased the property from Scott Drywall in 1989. During the purchase process Precision Cast Products had an environmental contractor from Alameda do some soil sampling on the property at the request of the Bank of Oakland, who was considering loaning money for the purchase. The report showed nothing that concerned either the Bank of Oakland or Precision Cast Products. Precision Cast Products ended up assuming an existing loan on the property. This report was turned over to the real-estate agent representing the buyers of the property during the sale and I have no copy of it. Precision Cast Products, upon purchasing the property, had it graded and paved with concrete over the entire area. It was then used for storage of raw materials and patterns and for a dust collector.

In 2000, as Precision Cast Products was going out of business and the property was being marketed, a "phase one" environmental study was done. This study is mentioned in the report done by Eras Environmental in 2004. The "phase one" report was turned over to the real-estate agent representing the buyers during the

sale of the property and I have no knowledge of where it may be now. In reading the 2004 report by Eras Environmental I see that several samplings were taken from the 2868 Hannah St. property and used in the report, however Mr. Rush was managing the clean-up and I know no more than what I read in the report.

This is the extent of my personal knowledge of the 2868 Hannah St. property. I hope that it may be of some help to you in the conclusion of your investigation.

Sincerely;

Don Torkington

Chan, Barney, Env. Health

From: Dave Dement [ddement@accenv.com]
Sent: Friday, October 13, 2006 11:43 AM
To: 'Francis Rush'
Cc: Chan, Barney, Env. Health
Subject: RE: Data Needed for 1549 32nd Street

Francis,

I have worked on addressing some of the data gaps identified by Barney but I need your help. ACC has not been able to reach Environmental Restoration Services and we cannot explain why they requested volatile organic compound (VOC) analysis for 5 grab groundwater samples, stated in the text of the report that they had done this, but then didn't provide the analytical results within the text of the report or included the analytical results with the laboratory reports.

Having talked to Barney, this issue as well as a number of other smaller issues are holding up his review and approval for site closure. While we generally agree that site closure is warranted, he cannot approve closure unless more information is provided to him.

Can you please contact Restoration Environmental Services and request that they provide the missing VOC analytical results or explain why this data wasn't included in their December 14, 2005 Investigative Report.

Thank you.

Dave DeMent
ACC

From: Francis Rush [mailto:francis@rushproperty.com]
Sent: Friday, September 29, 2006 9:37 AM
To: Dave Dement
Cc: Barney Chan
Subject: Re: Data Needed for 1549 32nd Street

Dave & Barney

The address for the south parcel is 2868 Hannah Street, but there are no "separate" reports, from the beginning we (and all the environmental consultants) approached it as one site (we will do a parcel merge so it will be one parcel once Barney gets done). If you review the reports, they show that the testing data, etc. was collected on both parcels every step of the way.

On Sep 28, 2006, at 9:24 PM, Dave Dement wrote:

Mr. Rush,

I got this response from Barney Chan recently:

Dave: I realize you could only summarize the information you had. The types of information I'm having trouble with is generating the data for our closure report including the highest original soil and gw data for all COCs and the final or last gw monitoring results. Also ther isn't a figure which indicates this information. The property actually consists of 2 parcels the 1549 32nd st one and 2853? Hannah, it would be nice to have a Phase I report

for this property too since the development will be on it. Was it only used for parking etc? Lastly, the last report fails to report analyses that were specified on the chain of custody, specifically there is no VOC (8260) analysis results for the gw samples indicated by the chain of custody. Can you clarify this?

I can address some of the comments and prepare a table and figure helping Barney with numbers so he can put them in the
right boxes. However, I need some information from you. Do you have a Phase I for the property south of the main building,
what Barney is calling the "Hannah address" ?? If so, could you forward a copy to Ken Blume in my office at

kblume@accenv.com

Thanks.

Dave

David DeMent, PG, REA II
ACC Environmental Consultants, Inc.
7977 Capwell Drive, Suit 100
Oakland, California 94621
510.638.8400 x109
510.638.8404 fax
510.773.7304 direct

Francis Rush
Rush Property Group, LLC
2200 Adeline Street, Suite 350
Oakland, CA 94607
Phone--(510) 763-7165
Fax--(510) 763-8844

francis@rushproperty.com

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

7

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

January 23, 2006

Mr. Neil Gray
City of Oakland, Planning and Zoning
250 Frank Ogawa Plaza, Rm 3315
Oakland, CA 94612

Dear Mr. Gray:

Subject: Toxics Case [redacted], Rush Property Group 32nd St., 1549 32nd St., Oakland, CA 94607

This letter responds to your inquiry regarding a request for the issuance of a permit to construct a building foundation on the subject site. Our office is overseeing the environmental investigation at the subject site. Significant remediation in the form of soil excavation has occurred. Soil and groundwater samples have been collected on and off-site to determine potential risk to human health and the environment. Although the site has not as yet obtained closure, based upon the results of all prior investigations and with the condition that these results are representative of site conditions, our office has no objection for the construction of a building foundation at the subject site.

You may call me at (510) 567-6765 if you have any questions.

Sincerely,

Barney M Chan

Barney M. Chan
Hazardous Materials Specialist

C: files, D. Drogos
Mr. Francis Rush, Rush Property Group, 2200 Adeline St., #350, Oakland, CA 94607

Permit 1549 32nd St

Chan, Barney, Env. Health

From: Gray, Neil [NGray@oaklandnet.com]
Sent: Thursday, January 19, 2006 2:14 PM
To: Chan, Barney, Env. Health
Subject: 1549 32nd Street, Oakland

If appropriate, please send me a letter that indicates your clearance to issue a permit to construct a foundation at 1549 32nd Street (Toxics Case RO0002508)

Thanks for your help on this. I know the applicant is anxious to start work...

Neil Gray * Planner III * Planning and Zoning
250 Frank Ogawa Plaza, Room 3315, Oakland, CA 94612
(510)238-3878 * ngray@oaklandnet.com

RU 2508

ERAS

1533 B Street

Environmental, Inc.

Hayward, CA 94541

(510) 247-9885 Facsimile: (510) 886-5399

erasenvironmental@sbcglobal.net

February 22, 2005

Mr. Barney Chan
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Ste. 250
Alameda, CA 94502

Subject: **Request for Assistance to Obtain Right-of-Entry**
Former Precision Foundry , 1549 32nd Street, Oakland, CA
ERAS Project Number 02-006

Dear Mr. Chan:

This letter is to request your assistance in obtaining right-of-entry from two property owners near the subject site. The off-site borings approved by your office on the east side of the subject site are located on three address parcels as follows:

- 2845 Helen Street (**right-of-entry received**)
- 2851 Helen Street – listed owner Ms. Katherine Lett, Trustee
- 2859 Helen Street – listed owner Mr. Lionel N. Allen, Trustee

Letters were sent to all three property owners by regular mail on November 8, 2004. No responses were obtained from the owners of 2851 and 2859 Helen Street. On January 10, 2005, letters were re-sent by certified mail. These letters were returned to ERAS un-opened.

Copies of the letters and right-of-entry agreements that were sent to the property owners are included with this letter.

Please assist us in obtaining the necessary right-of-entry permission. If you have any questions, please call me.

Sincerely,
ERAS Environmental, Inc.

David Siegel, Project Manager

ERAS

Environmental, Inc.

1533 B Street

Oakland, CA 94541

(510) 247-9885 Facsimile: (510) 886-5399 erasenvironmental@sbcglobal.net

January 10, 2005

Mr. Lionel N. Allen, Trustee
2859 Helen Street
Oakland, CA 95150

Subject: Request for Right of Entry Permission for Work at 2859 Helen Street, Oakland, California

Dear Mr. Allen:

This letter is to request your permission for access to your Property at 2859 Helen Street, Oakland to drill a single soil boring (location map enclosed) in order to collect soil and groundwater samples. This work is being performed by ERAS on behalf of the owner of the property at 1549 32nd Street under the direction of Mr. Barney Chan of the Alameda County Health Care Services Agency (see attached June 6, 2004 letter).

ERAS will subcontract a State-licensed and insured contractor to perform the drilling and sampling and subsequent sealing of the boring. The work will be performed under the supervision of an ERAS geologist. The borehole will be approximately 2 inches in diameter and will be drilled with significant care to avoid damage to the surrounding area.

Kindly sign and date the two copies of the enclosed agreement and return one promptly to ERAS. We have planned to perform the sampling work in November.

Thank you kindly for your assistance. Please call if you have any questions or if you require further information.

Respectfully,
ERAS Environmental, Inc.

David Siegel, R.E.A. II, President

Attachments: Proposed Boring Location Map
ACHCSA Letter
License Agreement

cc: Mr. Francis Rush

LICENSE AGREEMENT

I, Francis Rush, owner of the property known as 1549 32nd Street, have been requested by the Alameda (ACHCSA) to conduct a subsurface investigation that will include work on your property.

This investigation will include soil boring and groundwater sampling. The final scope of work will be based on those tasks required and approved by the ACHCSA.

ERAS maintains general and professional liability insurance in the amount of $1,000,000 per occurrence, $2,000,000 aggregate and requires its subcontractors to maintain current insurance applicable to their work. The property will be restored to as close to its original condition as feasible, based on current technology and investigation methods.

I, Lionel Allen ("Owner") grants to Francis Rush a license over, under and across the real property located in Oakland, County of Alameda, State of California, commonly known 2859 Helen Street.

The license granted herein shall terminate when the sampling is completed.

In consideration of the license granted herein, Francis Rush shall conduct the environmental investigation and/or remediation, as required by law, at its sole cost and expense. Materials and/or equipment place upon the property as part of the investigation will be removed by Francis Rush.

In witness whereof, Owner has caused this agreement to be executed on _____, 2005.

Francis Rush By: _____

Lionel Allen By: _____

ERAS

Environmental, Inc.

1533 B Street

Oakland, CA 94541

(510) 247-9885 Facsimile: (510) 886-5399 erasenvironmental@sbcglobal.net

January 10, 2005

Ms. Katherine Lett, Trustee
2851 Helen St.
Oakland, CA 94608

Subject: Request for Right of Entry Permission for Work at 2851 Helen Street, Oakland, California

Dear Ms. Lett:

This letter is to request your permission for access to your Property at 2851 Helen Street, Oakland to drill a single soil boring (location map enclosed) in order to collect soil and groundwater samples. This work is being performed by ERAS on behalf of the owner of the property at 1549 32nd Street under the direction of Mr. Barney Chan of the Alameda County Health Care Services Agency (see attached June 6, 2004 letter).

ERAS will subcontract a State-licensed and insured contractor to perform the drilling and sampling and subsequent sealing of the boring. The work will be performed under the supervision of an ERAS geologist. The borehole will be approximately 2 inches in diameter and will be drilled with significant care to avoid damage to the surrounding area.

Kindly sign and date the two copies of the enclosed agreement and return one promptly to ERAS. We have planned to perform the sampling work in November.

Thank you kindly for your assistance. Please call if you have any questions or if you require further information.

Respectfully,
ERAS Environmental, Inc.

David Siegel, R.E.A. II, President

Attachments: Proposed Boring Location Map
ACHCSA Letter
License Agreement

cc: Mr. Francis Rush

LICENSE AGREEMENT

I, Francis Rush, owner of the property known as 1549 32nd Street, have been requested by the Alameda (ACHCSA) to conduct a subsurface investigation that will include work on your property.

This investigation will include soil boring and groundwater sampling. The final scope of work will be based on those tasks required and approved by the ACHCSA.

ERAS maintains general and professional liability insurance in the amount of $1,000,000 per occurrence, $2,000,000 aggregate and requires its subcontractors to maintain current insurance applicable to their work. The property will be restored to as close to its original condition as feasible, based on current technology and investigation methods.

I, Katherine Lett ("Owner") grants to Francis Rush a license over, under and across the real property located in Oakland, County of Alameda, State of California, commonly known 2851 Helen Street.

The license granted herein shall terminate when the sampling is completed.

In consideration of the license granted herein, Francis Rush shall conduct the environmental investigation and/or remediation, as required by law, at its sole cost and expense. Materials and/or equipment place upon the property as part of the investigation will be removed by Francis Rush.

In witness whereof, Owner has caused this agreement to be executed on _____, 2005.

Francis Rush By: _____

Katherine Lett By: _____

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

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

January 3, 2005

Mr. Francis Rush
Rush Property Group
2200 Adeline St., #350
Oakland, CA 94607

Dear Mr. Rush:

Subject: Toxics Case RO0002508, Former Precision Cast, 1549 32nd St., Oakland, CA 94607

Alameda County Environmental Health (ACEH) staff has reviewed the case file for the referenced site including the November 17, 2004 Work Plan for Off-Site Subsurface Investigation prepared by Eras Environmental, Inc. This work plan responds to the County's June 4, 2004 technical request letter. We approve the work plan with the condition that the following technical comments are adequately addressed.

TECHNICAL COMMENTS

FILL MATERIAL CHARACTERIZATION

1. The question of the source and characterization of the fill material used at this site must be clarified. Our office received the ERAS' April 6, 2004 Soil Remediation Report stating the fill material used at this site was from an unidentified residential property in Berkeley. ERAS then reported that the excavation, backfill and disposal of soil was contracted to Enrest (Environmental Restoration Services). Enrest's November 17, 2004 Soil Disposal and Soil Import report stated that composite soil samples from the residential source of the fill material located at 1719/1725 University Ave. were taken by ACC Environmental. Our office later contacted ACC Environmental and received a Phase I report they performed on 1719,1725 and 1761 University Ave., Berkeley. To clarify the fill material issue, we request that you provide a site map indicating the locations of the four composite soil samples used to characterize the fill soil and include parcel outlines overlaying this map. In addition, please indicate/describe the locations from where the fill material was taken.

OFF-SITE MIGRATION

2. The proposal for off-site boring locations should be modified for better site coverage. In order to accomplish this, we recommend that, boring B14 be moved from the west to the east side of Hannah St. and the additional borings (on the east side of Hannah St.) be located approximately 40' progressively south of this boring. The southerly extent of the borings should be approximately near proposed boring B8. It is expected that two additional borings (than what was proposed) will be necessary to accomplish this. As proposed, the borings on the west side of Hannah St. should be drilled if contamination is detected in the east borings. Borings will be initially cored to 12-16' and a groundwater sample collected. Please insure that you collect your groundwater samples from

a screen interval of no longer than four (4) feet as stated in your work plan. In the northern excavation area, if possible, boring B4 should be moved approximately 30' to the north, in-line with boring E-5, which detected TPHg and TPHres in soil and/or groundwater. We understand, drilling locations may be limited due to existing buildings. In regards to the proposed soil-gas sampling, as stated in the DTSC1/28/03 Advisory, if no lithologic change or contamination is observed, soil gas samples may be collected at a default depth of 5'.

CHEMICAL ANALYSIS

3. The chemical analysis proposed is acceptable. Please filter the groundwater samples through a 0.45 micron filter prior to metals analysis to prevent the detection of metals which might be contributed from suspended soil. This may be done either in the field or in the laboratory.

OFF-SITE ACCESS

4. Please inform our office of any difficulties in obtaining off-site access for drilling and provide us the names and addresses of parties to contact so we might facilitate this investigation.

TECHNICAL REPORT REQUEST

- 90 days after work plan approval- Soil and Water Investigation Report

Professional Certification and 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 case meet this requirement.

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 case.

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

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, D. Drogos
Mr. D. Siegal, Eras Environmental, 1533 B. Street, Hayward, CA 94541
1_3_05 1549 32nd St

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

June 4, 2004

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

Mr. Francis Rush
Rush Property Group
2200 Adeline St., #350
Oakland, CA 94607

Dear Mr. Rush:

Subject: Toxics Case RO0002508, Former Precision Cast, 1549 32nd St., Oakland, 94607

Alameda County Environmental Health (ACEH) staff has review the case file for the referenced site including the April 6, 2004 Soil Remediation report prepared by ERAS Environmental. This report describes the results of the recent soil excavation and confirmation sampling activities and proposes additional investigation and monitoring. We request you address the following technical comments before performing any of the proposed work.

TECHNICAL COMMENTS

1. **Imported Soil** - ERAS' April 6, 2004 Soil Remediation report states that the fill material used to backfill the excavations at the site was imported from an unidentified residential property in Berkeley. ACEH was not notified that the use of non-quarry import was planned for this site. Also, it appears that ERAS may not have followed the regulatory guidance regarding imported soil contained in the October 2001 DTSC Information Advisory Clean Imported Fill Material and the June 6, 2003 RWQCB Draft Technical Reference Document Characterization and Reuse of Petroleum Hydrocarbon Impacted Soil As Inert Waste. We request that you provide sampling results for the characterization of this soil as required in these guidance documents. If the appropriate sampling was not performed at this site you are required to submit a sampling plan. Please address this work in the work plan requested below.

2. **Offsite Migration** – The proposal for one sampling location along the eastern portion of the site with a slant boring is inadequate to determine the extent and magnitude of offsite contamination. Temporary borings on the adjacent properties is a preferable approach. Please submit a work plan proposing additional sampling locations and methodology by the date specified below. Include an extended site map indicating the locations of all neighboring parcels. Please note, we request that you immediately pursue any off-site access agreements that you may need to complete your investigation activities in accordance with the schedule shown below.

3. **Dissolved Phase Plume Evaluation/Definition** - The potential location of a groundwater monitoring network would be more appropriately evaluated after performing your additional subsurface investigation. We request that you consider the option of defining the limits of the contaminant plume and evaluating residual groundwater contamination with a direct push investigation rather than attempting to install a permanent monitoring network at this time. We recommend that your investigation work be completed to depths of a minimum of 25-30' bgs to investigate the potential presence of dissolved or free product in permeable strata. We recommend the offsite borings and down-gradient borings be advanced and sampled to this depth. Please include this in your work plan.

4. **Chemical Analysis** - It was noted that VOCs analysis was not run on soil samples collected from the northern excavation as requested in the County's August 6, 2003 letter. We request that you perform this analysis in future borings in this location and on groundwater samples. Dissolved nickel should also be run on selected groundwater samples. Please address this in the work plan requested below.

5. **Contaminant Concentration Maps** - Please provide before and after excavation maps indicating initial and final residual concentrations of COCs in soil and groundwater at the site. Include these with the additional information requested below.

6. **Risk Evaluation** – Please submit in a tabular form a summary of residual soil and groundwater concentrations along with their applicable risk levels. Please submit with the additional information requested below.

7. **Soil Disposal** - Numerous copies of soil disposal manifests submitted in your report are illegible. Please provide a tabular summary of the amounts of excavated soil disposed and the specific disposal location and submit with the additional information requested below.

7. **High Density Live/Work Development** - Based upon the available information and with the provision that the information provided to this agency was accurate and representative, ACEH has no objections to the development of the subject site into high- density live/work residences provided all the above conditions and applicable requirements from other regulatory agencies are met.

ADDITIONAL INFORMATION REQUEST

1. A Phase I Environmental Site Assessment (ESA) performed by Phase One Inc. in April 2000 was referenced in the May 10, 2002 Environmental Restoration Services report. Please submit a copy of this report to our office.

2. The 1988 soil investigation performed by Property Contamination Control included in the ERAS Environmental October 9, 2002 report is incomplete. Please provide copies of the boring logs and a boring location map.

3. Groundwater sample results for borings SB-1 through SB-5 taken on 4/26/02 are presented in an ERAS 5/27/03 Soil and Groundwater Investigation report. No boring logs were provided for these borings. Please submit copies of these logs.

TECHNICAL REPORT REQUEST

Please submit technical reports to ACEH according to the following schedule:

- **July 6, 2004** - Work plan for soil characterization (if necessary) and off-site migration and dissolved plume evaluation.

- **July 19, 2004** – Additional Information Request Items and import soil sampling results, contaminant concentration maps, risk evaluation table and soil disposal summary table.

- **90 days after work plan approval** - Soil and Water Investigation Report

These reports are being requested pursuant to the Regional Water Quality Control Board's (Regional Board) authority under Section 13267 of the California Water Code. We request that all work be performed in a prompt and timely manner.

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

Sincerely,

Barney M Chan

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, D. Drogos
Mr. D. Siegel, Eras Environmental, 1533 B Street, Hayward, CA 94541

1549 32ndSt 6_3_04

TRANSMIT REPORT

2004,06-09 13:34
510 337 9335
ALAMEDA CO EHS HAZ-OPS

COM No.	REMOTE STATION	START TIME	DURATION	PAGES	RESULT	USER ID	REMARKS
751	7538844	06-09 13:33	01'19	03/03	OK		

7499402045

SCUT 06-04-04

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

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

June 4, 2004

Mr. Francis Rush
Rush Property Group
2200 Adeline St., #350
Oakland, CA 94607

Dear Mr. Rush:

Subject: Toxics Case RO0002508, Former Precision Cast, 1549 32nd St., Oakland, 94607

Alameda County Environmental Health (ACEH) staff has review the case file for the referenced site including the April 6, 2004 Soil Remediation report prepared by ERAS Environmental. This report describes the results of the recent soil excavation and confirmation sampling activities and proposes additional investigation and monitoring. We request you address the following technical comments before performing any of the proposed work.

TECHNICAL COMMENTS

1. **Imported Soil** - ERAS' April 6, 2004 Soil Remediation report states that the fill material used to backfill the excavations at the site was imported from an unidentified residential property in Berkeley. ACEH was not notified that the use of non-quarry import was planned for this site. Also, it appears that ERAS may not have followed the regulatory guidance regarding imported soil contained in the October 2001 DTSC Information Advisory Clean Imported Fill Material and the June 6, 2003 RWQCB Draft Technical Reference Document Characterization and Reuse of Petroleum Hydrocarbon Impacted Soil As Inert Waste. We request that you provide sampling results for the characterization of this soil as required in these guidance documents. If the appropriate sampling was not performed at this site you are required to submit a sampling plan. Please address this work in the work plan requested below.

2. **Offsite Migration** – The proposal for one sampling location along the eastern portion of the site with a slant boring is inadequate to determine the extent and magnitude of offsite contamination. Temporary borings on the adjacent properties is a preferable approach. Please submit a work plan proposing additional sampling locations and methodology by the date specified below. Include an extended site map indicating the locations of all neighboring parcels. Please note, we request that you immediately pursue any off-site access agreements that you may need to complete your investigation activities in accordance with the schedule shown below.

3. **Dissolved Phase Plume Evaluation/Definition** - The potential location of a

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

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

May 7, 2004

Mr. Francis Rush
Rush Property Group
2200 Adeline St., #350
Oakland, CA 94607

Dear Mr. Rush:

Subject: Toxics Case RO0002508, 1549 32nd St., Oakland, CA 94608

Our records indicate that the current balance on the referenced toxics case is -$6529.00. In order to continue to provide regulatory oversight we are requesting the submittal of a check made payable to Alameda County Environmental Health in the amount of $11,500.

It is expected that the amount requested will allow for the completion of the project with a zero balance. Otherwise, additional deposit will be requested, or any unused monies will be refunded to you our your designee.

The deposit is authorized in Section 6.92.040L of the Alameda County Ordinance Code. Work on this project is being debited at the Ordinance specified rate, currently $158.00 per hour.

Please write the type of project (site mitigation-SLIC) and the site address (1549 32nd St., Oakland) on your check.

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

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, D. Drogos

Dep1449 32nd St 5_6_04

Chan, Barney, Env. Healt

From: Francis Rush [francis3@slip.net]
Sent: Monday, April 12, 2004 4:57 PM
To: Barney Chan
Subject: Precision Casting

Barney-

So I hope you have received the results and the report of the clean-up at the former Precision Casting Site. It has taken far longer to get to this point then I ever imagined in my worst nightmare (not your fault, I know).

I am emailing you with some questions and a plea for mercy.

1. When do you think you will be able to review the results?

2. After you review the results, with you be able to give us the "not incompatible" letter? So that we can start construction.

3. If not after review, then when? Are there intermediate steps we need to take? I know we need to install some wells, but isn't that just to prove that we removed all the contamination? I don't need the NFA letter right away, and I assume you would want some time line of well samples before you would give that, but I am desperate to start this project immediately.

4. This is the plea: Dave took forever to get done with this, and HE MISREAD YOUR LETTER. He thought that we had to remove everything down to 500 mg/Kg, so the excavation was bigger than it needed to be, and took longer. I know you're busy, but unless the other projects you are reviewing are a life and death matter, please move this one to the top of the stack. I'm dying out here.

Besides, its not ever day that someone remediates to a greater level than you're asking for. That's got to be worth something.

I await your reply,

Sincerely,

Francis Rush

Rush Property Group, LLC

2200 Adeline Street, Suite 350

Oakland, CA 94607

Chan, Barney, Env. Health

To: Dave Siegel
Subject: RE: 1549 32nd St

Dave:
I looked over your e mail dated Feb 3, 2004 Request for Certification of Completion and I want to clarify the site status.

1. our office will need a complete final report of the recent work including the analytical data, figures and disposal receipts. The limits lateral and vertical of the excavation should be clearly shown.
2. our office still requires a work plan for the determination of gw impact and delineation of plume as mentioned in the County's August 6, 2003 letter.
3. a more formal risk evaluation (more than the few sentences in your e mail) will be necessary.
4. though our office cannot in the immediate future issue a NFA letter, we can issue a letter approving the development and stating that no further action is anticipated assuming gw results do not indicate any environment or human health risk and conditions of a risk management plan are met.

Please send the complete report and work plan to our office ASAP.

Sincerely,

Barney Chan

-----Original Message-----
From: Dave Siegel [mailto:dave_eras@sbcglobal.net]
Sent: Monday, February 09, 2004 10:25 AM
To: bchan@co.alameda.ca.us
Subject: 1549 32nd St

Hi Barney, here is the table of confirmation samples you requested. Please call or write if you have any questions. Thanks

Dave Siegel
ERAS
1533 B Street
Hayward, CA 94541
510.247.9885 - V
510.886.5399 - F

Ro 2508 / 1549 32nd St Precision Foundry

1. Need final report w/ analytical, figures, disposal receipts.
   4080 tons ≈ 200 cy
   Note all areas >500ppm
   Any VOC's ?
   Verify depth of excavation by ✓ sample depths
2. Still need a wp for gw monitoring wells
3. Risk evaluation must be stated & signed by reg professional
4. Can approve development but not issue a NFA.
5. Evaluation of methane or LEL in soil gas ?

ERAS

Environmental, Inc.

1533 B Street

Hayward, CA 94541

(510) 247-9885 Facsimile: (510) 886-5399

erasenvironmental@sbcglobal.net

February 3, 2004

RO(SL) 2568

Mr. Barney Chan
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Ste. 250
Alameda, CA 94502

Subject: Request for Certification of Completion
Former Precision Foundry , 1549 32nd Street, Oakland, CA
ERAS Project Number 02-006

Dear Mr. Chan:

This letter is to request your acceptance for the completion of excavation activities at the subject site. To date approximately 4,000 tons of soil has been removed from three separate excavations at the site and disposed. The remediation cost to date is approximately $350,000. Note that the quantity of soil removed was considerably more than originally anticipated.

While there have been a few less samples collected from the bottom than your originally requested one sample per 900 square feet (30 by 30 foot area), all the samples collected have been found to contain less than 500 milligrams per kilogram (mg/Kg) of total petroleum hydrocarbons as hydraulic oil (TPH-mo). Confirmation samples location and results are shown on the attached figure.

Small areas of soil containing greater than 500 mg/kg of TPH-mo remain in soil in three sampled locations at 7 feet. These are in areas that are inaccessible (under the eastern property boundary and a portion of the southern building boundary). No significant concentrations of volatile chemicals have been found in the recent samples including those under the southern building boundary (OT1-7' and OT2-7'). A risk assessment would indicate no risk to inhalation exposure from soil or groundwater. Based on the known depth of contamination in soil and the depth to groundwater, there would be no risk for direct ingestion of soil or groundwater.

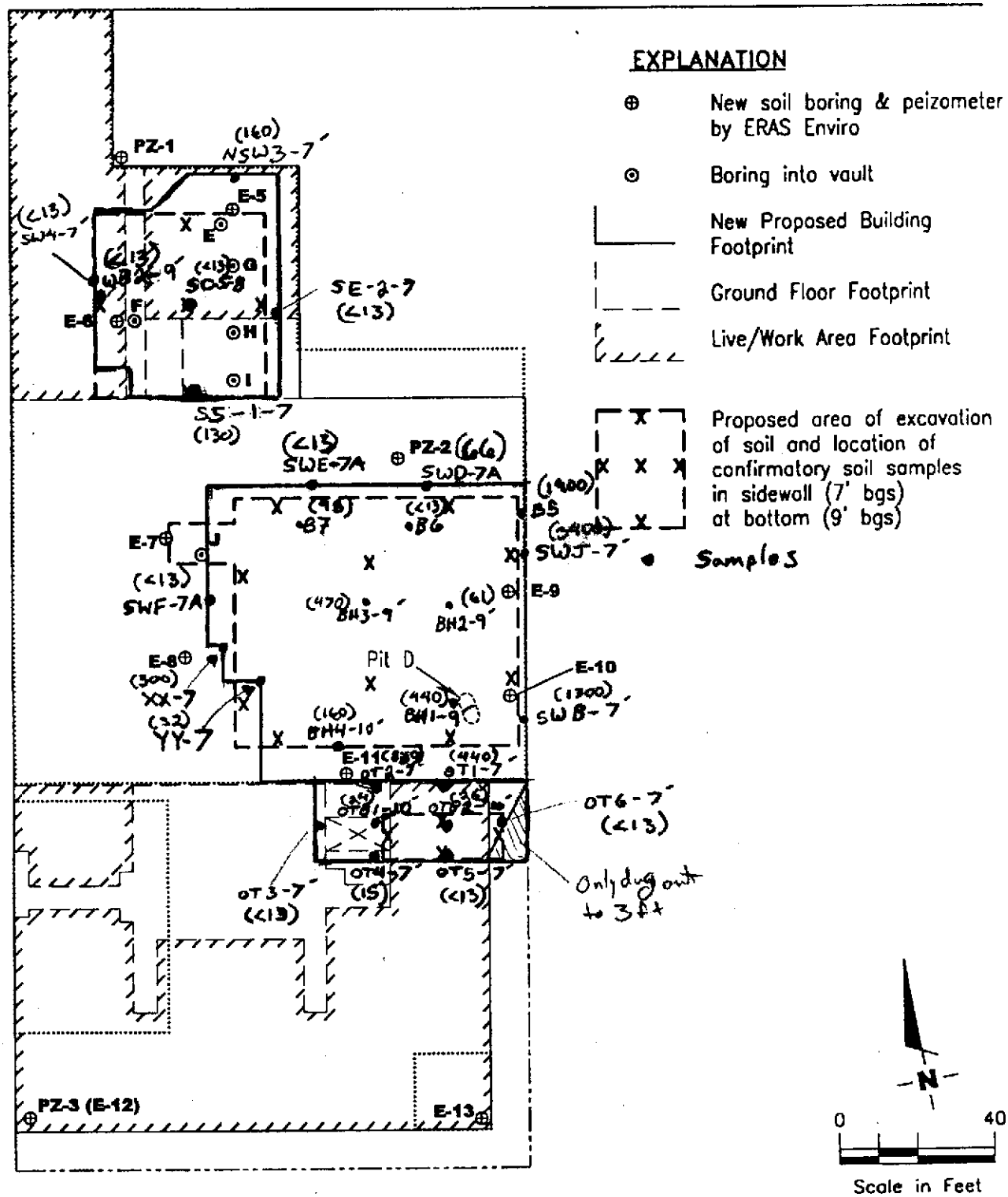
In view of the limited amount of contaminated soil that remains and its location, it appears that it is unfeasible to remove additional soil. On behalf of Mr. Rush, ERAS requests your review of the information to consider the cessation of additional remediation at the subject site. If you have any questions, please call me.

Very truly yours, ERAS Environmental, Inc.

David Siegel, Project Manager

32ND STREET

HANNAH STREET



Base Map: TOA site plan dated 06-28-02

AREAS OF EXCAVATION WITH CONFIRMATION SOIL SAMPLES

DATE 05/03	FORMER PRECISION CASTING	JOB NUMBER 02-006-03
REVIEWED BY GMJ	1549 32nd Street Oakland, California	FIGURE 10

ERAS Environmental Inc.

white -env.health
yellow -facility
pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

Hazardous Materials Inspection Form

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

RO 2508

II, III

Site ID # _____ Site Name FORMER PRECISION CAST Today's Date 10/3/03

Site Address 1549 32nd St

City Oak Zip 94607 Phone _____

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

Inspection Categories:

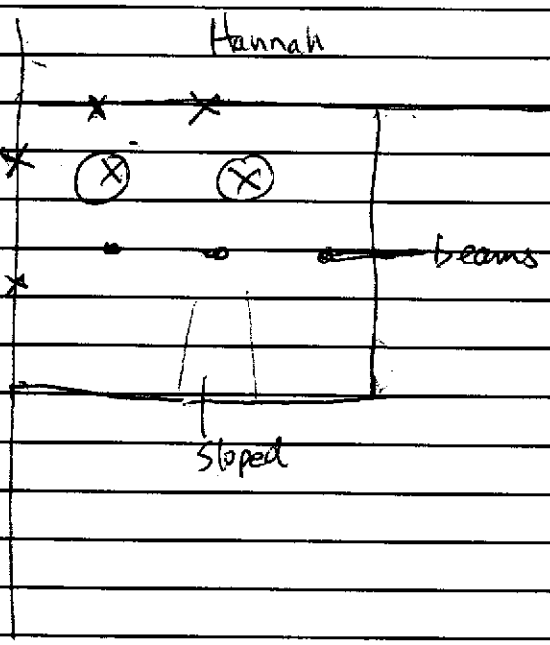
_____ I. Haz. Mat/Waste GENERATOR/TRANSPORTER
_____ II. Hazardous Materials Business Plan, Acutely Hazardous Materials
_____ III. Underground Storage Tanks

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

Comments:

Present to witness overexcavation sampling of pt areas
Contractor: Env. Restoration - B Halstead / EBAS representative
Mobile Lab: Ron Evans, Samples run for TPH no, ~~has std~~

N ↑



⊗ taken by hand auger @ 10' in areas of known contamination
32nd sidewall samples taken @ 4'
No gw in excavation

Will drill a boring exterior of bld possibly in lieu of excavating

Approx 700 t Cy Soil removed so far.

II, III

Contact _____

Title _____

Signature _____

Inspector B Chan

Signature BChan

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

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

August 6, 2003

Mr. Francis Rush
Rush Property Group
2200 Adeline St., #350
Oakland, CA 94607

Dear Mr. Rush:

Subject: Soil and Groundwater Investigation Report, Former Precision Cast, 1549 32nd St., Oakland, CA 94607, RO0002508

Alameda County Environmental Health staff has reviewed the case file for the referenced site including the May 27, 2003 ERAS Environmental Soil and Groundwater Investigation Report. This report describes the results of all past investigations and those of the April 2003 soil and groundwater investigation. Recommendations for soil remediation were also included, with the intention of meeting clean-up levels compatible with the proposed residential live/work development. Our office, in general, approves of the proposal to perform excavation and confirmation sampling at the site. In addition, all contaminated materials from the vaults at the site shall be properly disposed. However, we request that you address the following technical comments when performing this work.

Technical Comments

1. Confirmation soil samples are to be collected on a 30' by 30' grid at a minimum. In addition sidewall samples should be collected one every 30 linear feet at a minimum.
2. The proposed cleanup level for TPH as hydraulic oil (TPHho) of 1000ppm is acceptable for commercial surface soils. The cleanup levels are consistent with the ESLs (Environmental Screening Levels) of the SF Regional Water Quality Control Board. If residential or other sensitive site use ie landscape, garden or other exposed surface area, is proposed, the residential cleanup level of 500ppm is required as well as the residential cleanup level of any other chemical of concern. The proposed new garden area and the areas outside the New Garage will require these cleanup levels. Please insure that soil sampling within these areas is performed to verify the cleanup levels have not been exceeded.
3. The proposed excavation depth of 9' bgs should be extended to 10' to be consistent with the Water Board's definition of surface soil. You will need to perform additional lateral and vertical excavation to remove soils exceeding the proposed cleanup levels.
4. Based upon the detection of volatile organic compounds (VOCs) in previous soil samples and the detection of 1,1-DCE in an unidentified boring in 1988, we request that a minimum of four samples from the southeast and two samples from the northern excavation be also analyzed for VOCs by EPA Method 8260.
5. Although not anticipated, if free product or groundwater is encountered during the excavation, we recommend it be removed and properly disposed to enhance source removal.

6. It is noted that the area of the proposed New Freight Elevator will require additional subsurface excavation and may be within hydrocarbon-impacted soils. Confirmation soil sampling shall also be taken from the elevator pit excavation.
7. Given the presence of NAPL (non-aqueous phase liquid), elevated TPH as hydraulic oil and dissolved nickel and the lack of definition of the extent of soil and groundwater contamination, an additional subsurface investigation is required including a groundwater monitoring program. Groundwater remediation may be required in areas where NAPL is present. An evaluation of the risk posed by any residual pollution to all potential receptors will need to be submitted. The onsite elements of this work and its impacts on future site use will need to be completed prior to property development. Please submit a work plan for additional onsite characterization and definition of the extent of lateral and vertical plume according to the date specified below.

Technical Report Request

- Sixty days after conclusion of the proposed excavation and sampling -Work Plan for additional lateral and vertical plume definition and monitoring well installation.

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

Sincerely,

Barney M Chan

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, D. Drogos
Ms. Gail Jones, ERAS Environmental, 20861 Wilbeam Ave., #4, Castro Valley, CA 94546
1549 32ndSt

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

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

March 20, 2003

Mr. Francis Rush
Rush Property Group
2200 Adeline St., #350
Oakland, CA 94607

Dear Mr. Rush:

Subject: Leak Site RO0002508, 1549 32nd St., Oakland, CA 94607, Former Precision Cast Site

Alameda County Environmental Health staff has recently reviewed the case file for the subject site including the following documents:

- ERAS Environmental October 9, 2002 Technical Summary Report, Former Precision Cast 1549 32nd St., Oakland, California and
- ERAS Environmental February 28, 2003 Workplan for Soil and Groundwater Investigation for 1549 32nd St., Oakland, California.

Based upon consultation with the Regional Water Quality Control Board (RWQCB) and your consultant, your work plan is approved subject to the technical comments below.

Technical Comments

1. The contents of the vaults and pits not previously investigated should be determined. Soil or contents from these areas should be examined and analyzed for chemicals of concern should there be any indication of contamination ie staining or odor.
2. The locations and number of proposed borings must be adequate to determine the extent of free product and soil and groundwater contamination. Therefore, please consider expanding your investigation into the Outside Yard, as necessary.
3. Two oil samples are proposed to be collected for the analysis of PAHs and PCBs to determine if these compounds should be added to the initial list of chemicals of concern (COC). Please add volatile organic compounds (EPA Method 8260) for your analysis on the oil samples.
4. The analytical method EPA 418.1 was proposed for characterizing the cutting oil released at this site. Please substitute the gas chromatography method 8015 instead, since this method gives a better characterization of the material and yields results comparable to that already obtained by Friedman and Bruya, Inc.
5. Based upon the presence of halogenated compounds detected in soil and in the oil, you may proceed to collect groundwater samples from two discrete depths from the proposed borings.
6. Our office has no objections with the surveying and measuring of depth to water in the proposed four piezometers, however, be advised you will be required to install permanent monitoring wells at the site.
7. Because of the significant presence of free product at this site, you are requested to perform an evaluation for the presence of methane at the site.

8. After site characterization is complete, you are required to remove as much free product and saturated soil as possible. Please provide a remediation work plan 30 days after submitting your site investigation report.
9. Your consultant has been requested to provide a figure overlaying the proposed development units and the investigation points and analytical results in soil and groundwater. This should be included in your summary report following your investigation.

Please notify our office prior to commencing your additional site investigation.

You may contact me at (510) 567-6765.

Sincerely,

Barney M Chan

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, D. Drogos, files
Ms. Gail Jones, ERAS Environmental, 20861 Wilbeam Ave., #4, Castro Valley, CA 94546

Wp154932nd St

Chan, Barney, Env. Health

From: Roger Brewer [Rdb@rb2.swrcb.ca.gov]
Sent: Thursday, March 13, 2003 2:59 PM
To: BChan@co.alameda.ca.us
Subject: Re: Former Precision Cast site, 1549 32nd St., Oakland 94607

RO 2508

See notes below. Since "cutting oil" could include any kind of waste oil, they should check for PAHs as well as test some samples for PCBs, metals and chlorinated solvents. They should also evaluate existing or potential methane generation.

* How would the installation of a sitewide cap and deed restriction affect their remediation requirements? Would they still need to remove free product (likely by excavation and gw removal)? Would an acceptable soil cleanup level be 1000 ppm TPH oil?

I'd avoid any talk of a potential "cap" until you know the exact extent and magnitude of impacts at the site. Our screening level for heavy oil in soil at residential levels is 1,000 mg/kg.

* The consultant wondered if the development could include active skimmers as part of their RMP (and avoid initial fp removal) This assumes that the fp plume has been delineated and gradient determined.

In general, as much of the free product as possible should be removed before any redevelopment.

* Given the likelihood of residual soil and gw contamination, is a long term monitoring program necessary as part of their site management plan? Probably so.

* Part of the planned development includes a garage on part of the 1st floor, is this area less restrictive ie they could possibly have higher residual TPHoil. Potentially but they should still clean up surface soils to meet unrestricted land use if possible rather than just "cap" impacted soils with a garage foundation.

* In prior investigations, 1,1-DCE was detected in soils up to 0.185 ppm, up to 17 ppb 1,2 DCB was found in grab gw samples and 7.3 ppm 1,2 DCB was found in the free product analyzed. Because of this, the consultant proposes to collect a gw sample at the soil/gw interface and another sample from 13-15'. Is this vertical profiling necessary given the anticipated soil type clay, silty clay and silty sand, industrial setting and gw use in this area? Can't hurt. I'd let them do it if they are proposing it.

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

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

February 5, 2003

Mr. Francis Rush
Rush Property Group
2200 Adeline St., #350
Oakland, CA 94607

Dear Mr. Rush:

Subject: Former Precision Cast Site, 1549 32nd St., Oakland, CA 94607, Contaminated Site Case RO0002508

Alameda County Environmental Health staff has reviewed the Eras Environmental October 9, 2002 Technical Summary Report for the referenced site and determined that additional information is needed prior to recommendation of no further action. I appreciate the opportunity to have a site visit today. Please address the following technical comments when performing the requested work at your site and submit the technical reports requested below.

Technical Comments:

1. Please run an EPA 8015 "fuel scan" on the free product and provide a comparison against known fuel standards. Please identify the approximate boiling range in carbon numbers for the oil.
2. Please run the oil sample for semi-volatiles including PAHs and PCBs.
3. Please delineate the extent of free product and the lateral and vertical extent of soil and groundwater contamination. Based upon the fuel type found most similar to this oil, you may propose soil and cleanup levels consistent with the Water Board Risk Based Screening Levels (RBSLs). Your work plan should adequately characterize the site in all potential areas of release. Future soil and groundwater analysis should include the analysis for TPH EPA Method 8015, TPHg, BTEX, VOCs with at least a one time analysis for MTBE. Semi-volatiles analysis should be consistent with presence or absence of these compounds in the free product.
4. Please determine site-specific groundwater gradient.
5. Please provide copies of the plans for your proposed development. Apparently these plans were never provided to me.

Technical Report Request

March 6, 2003- Please provide a work plan for additional site characterization, groundwater gradient determination, and determination of the chemical composition of the free product.

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

Sincerely,

Barney M Chan

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files
Ms. G. Jones and Mr. D. Siegel, Eras Environmental, 20861 Wilbeam Ave., Suite #4, Castro Valley, CA 94546

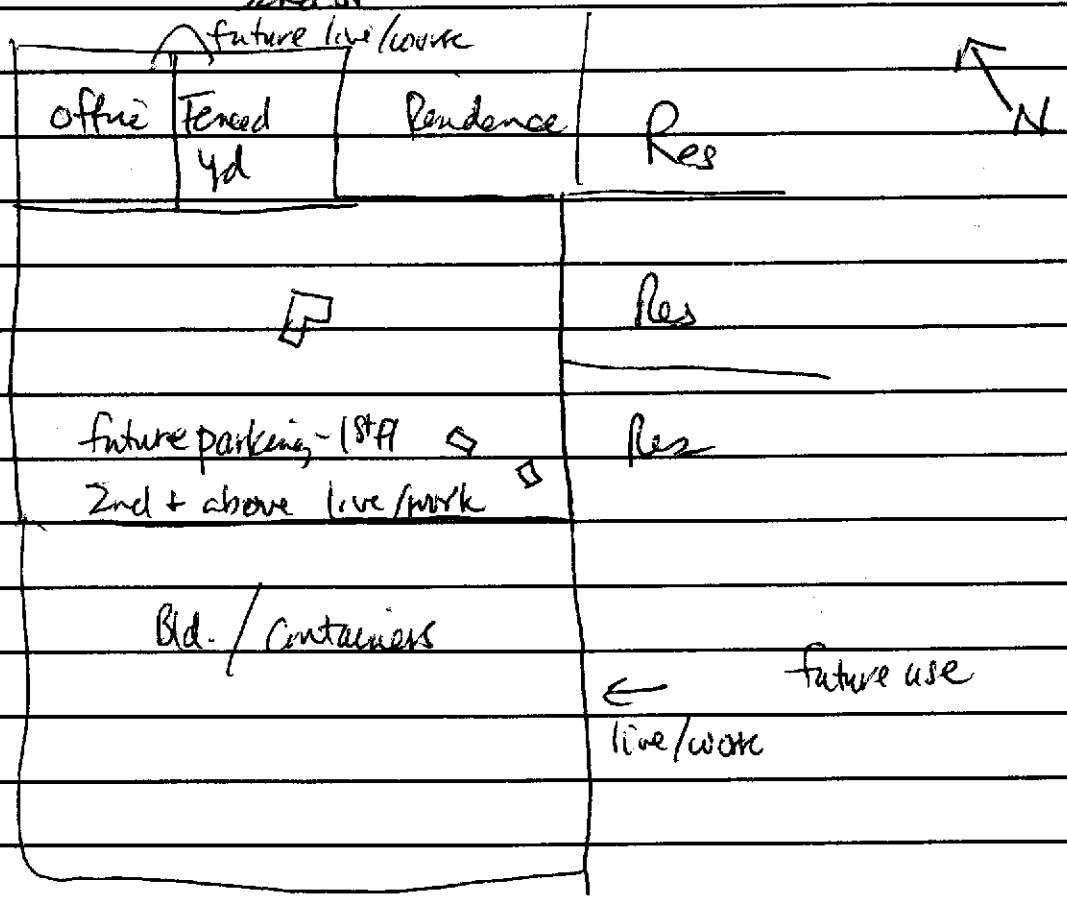
ssi rq 1549 32nd St

ALAMEDA COUNTY ENVIRONMENTAL HEALTH / HAZARDOUS MATERIALS DIVISION
1131 HARBOR BAY PKWY., RM. 250, ALAMEDA, CA 94502-6577 (510)567-6700 FAX (510) 337-9355

HAZARDOUS WASTE GENERATOR INSPECTION REPORT

STID #:	FACILITY NAME: FORMER PRECISION CAST PRODUCTS	PG. ___ OF ___
SUPPLEMENTAL FORM	1549 32nd St Oakland 94607	

Site inspection of former foundry w/ Mr. Frances Rush + Gail Jones of SRAS Env.



Photos of the 2 pit areas taken: Pits are full to the brim w/ water

PRINT NAME:	INSPECTED BY: BCHAN
SIGNATURE:	DATE: 2/5/03

GEN/SUPP RPT(REV. 7/94) JNS/ECO

Chan, Barney, Env. Health

From: Roger Brewer [Rdb@rb2.swrcb.ca.gov]
Sent: Monday, February 03, 2003 12:58 PM
To: BChan@co.alameda.ca.us
Subject: Re: Former Precision Cast site, 1549 32nd St., Oakland 94607

They can run an 8015M "fuel scan" on the soil and groundwater to get a handle on the TPH ranges present, then refer to Appendix 1, Chapter 4 of our RBSL document to see how it fits into our scheme.

Free product and cleanup of impacted soil in the source area would probably be required at a minimum. My guess is that they will treat the oil as TPH-residual fuels (heavy oils or TRPH). They can look up screening levels for TPH in our RBSLs. The VOC numbers are potentially high. They should put in some wells and determine the extent of any dissolved-phase plume.

Roger

>>> "Chan, Barney, Env. Health" <BChan@co.alameda.ca.us> 01/30/03 03:37PM >>>
Roger:
I received the former Precision Cast site, 1549 32nd St. Oakland 94607 from
the City of Oakland as a SLIC site. The site is located just south of I
580, on the corner of 32nd St. and Hannah. The property owner, Mr. Francis
Rush would like to develop the site into live/work units. The site was
formerly a foundry and it appears that the majority of the site's problems
is related to it's disposal of spent quenching oil. The high boiling
petroleum oil was used to cool the heated casts. Both spent oil and sand
saturated with the oil was "disposed" by either burying it into or injecting
it into pits. Preliminary investigations indicate areas of free product and
high dissolved TPHmo or TRPH. My question is should we handle this
chemical as motor oil, diesel or hydraulic fluid or do you have any
guidelines for this material? I will be requesting, if available, a MSDS. I looked up
info on cutting oils and the reference states that it is not biodegradable.

Should we require free product, saturated sand/soil removal and groundwater monitoring per usual? Is there a recommended cleanup limit for soil TRPH concentration?

Grab groundwater samples have reported up to 5780 mg/l TPHmo (fp?). Very little VOCs are present, however the free product found exhibited 7.3 ppm 1, 2 dichlorobenzene, 20.3 ppm napthalene and 5.8, 3.6,10.7 ppm benzene, toluene and xylenes, respectively. I'd appreciate your help and comments.

Thanks,

Barney M. Chan
Hazardous Materials Specialist
Alameda County Environmental Health
510-567-6765

(1) Need a fuel scan to determine boiling pt range
(2) Verify no PAH's
(3) Verify potability of gw, & determine exposure potential(s) ie drinking, eco, N/A
Nuisance odor = 5000 ppb

From Water Board Doc. C11-C22 aromatics

(fquenching oil has no aromatics, disregard)

Soil 100ppm drinking H2O
500ppm Eco Prot.

500 ppm ceiling - residential
1000 " " - Industrial
Subsurface soils: 5000ppm

For Residential Tanks (High boilers) X C24
Soil 500 ceiling - residential
2500 - commercial
5000 ppm - eco prot
1000 ppm - drinking water

Tables:

Chan, Barney, Env. Health

From: Chan, Barney, Env. Health

Sent: Friday, January 31, 2003 3:19 PM

To: Roger Brewer (E-mail)

Cc: Dave Siegel (E-mail)

Subject: possible site visit at 1549 32nd St., Oakland

Roger: I hope you've received the e mail I sent you regarding this former foundry site with a "quenching oil" problem. Dave Siegel of ERAS Environmental would like to show us the site, if you're available. Recall, the property owner is interested in putting live/work units on this site if cleanup/deed restrictions allow. He is suggesting either Wed 2/5/03 or Fri 2/14/03 as possible dates for site visits. Can you make either day? If so, what time would you be available? I think it might take 1 hr tops.

Thanks.

Barney M. Chan
Hazardous Materials Specialist
Alameda County Environmental Health
510-567-6765

Chan, Barney, Env. Health

From: Chan, Barney, Env. Health

Sent: Thursday, January 30, 2003 3:38 PM

To: Roger Brewer (E-mail)

Subject: Former Precision Cast site, 1549 32nd St., Oakland 94607

Roger:
I received the former Precision Cast site, 1549 32nd St. Oakland 94607 from the City of Oakland as a SLIC site. The site is located just south of I 580, on the corner of 32nd St. and Hannah. The property owner, Mr. Francis Rush would like to develop the site into live/work units. The site was formerly a foundry and it appears that the majority of the site's problems is related to it's disposal of spent quenching oil. The high boiling petroleum oil was used to cool the heated casts. Both spent oil and sand saturated with the oil was "disposed" by either burying it into or injecting it into pits. Preliminary investigations indicate areas of free product and high dissolved TPHmo or TRPH. My question is should we handle this chemical as motor oil, diesel or hydraulic fluid or do you have any guidelines for this material? I will be requesting, if available, a MSDS. I looked up info on cutting oils and the reference states that it is not biodegradable. Should we require free product, saturated sand/soil removal and groundwater monitoring per usual? Is there a recommended cleanup limit for soil TRPH concentration? Grab groundwater samples have reported up to 5780 mg/l TPHmo (fp?). Very little VOCs are present, however the free product found exhibited 7.3 ppm 1, 2 dichlorobenzene, 20.3 ppm napthalene and 5.8, 3.6,10.7 ppm benzene, toluene and xylenes, respectively. I'd appreciate your help and comments.

Thanks,

Barney M. Chan
Hazardous Materials Specialist
Alameda County Environmental Health
510-567-6765

1/31/03 Spoke w/ D. Siegel ERAS :

Possible site visit dates
Wed 2/5/03
Fri 2/14/03

6/6/03
Received fax doc from Mr Rush

Seng, Victoria, Env. Health

From: Seng, Victoria, Env. Health
Sent: Friday, January 03, 2003 10:26 AM
To: Chan, Barney, Env. Health
Cc: Demapeles, Rene, Env. Health
Subject: Payment for SLIC Program
Follow Up Flag: Follow up
Due By: Tuesday, January 07, 2003 5:00 PM
Flag Status: Flagged

Barney,

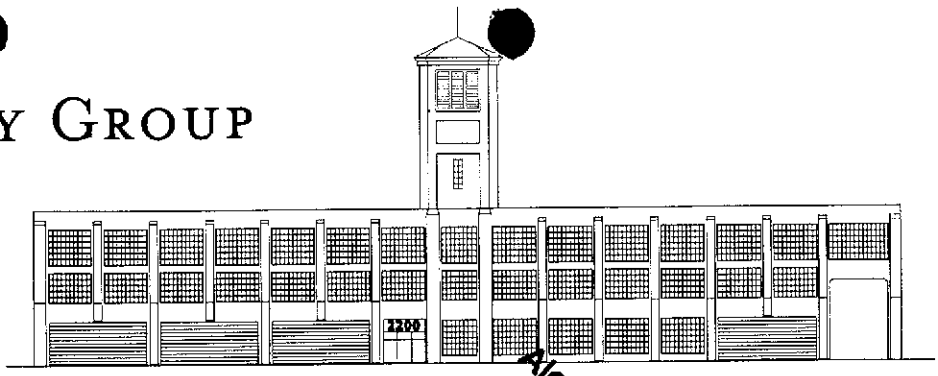
I just received a check of $3,000.00 from Francis Rush, for property located at 1549 32nd St., in Oakland.

I'll send you a copy of the check and attachment. I'm holding the check for now. I can't deposit this until you give me RO # or CO #. Thanks.

- deed restrict w/ cap
- cutting oil (F.P.) present
- system of concrete vaults

RUSH PROPERTY GROUP

2200 ADELINE STREET #350
OAKLAND, CALIFORNIA 94607
(510) 763-7165
(510) 763-8844 FAX



December 26, 2002

Barney M. Chan
Alameda County Health Care Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Dear Mr. Chan,

Enclosed please find check number 305 in the amount of $3,000.00 as a deposit for the regulatory oversight for the former Precision Casting site at 1549 32nd Street, Oakland, CA 94608. I have also included the plans for the forty condominium units that we are planning to build on the site, pending a review of the existing environmental conditions from your agency.

Mr. Don Torkington is the former owner of the site; we purchased it in August of this year. Please continue to cc Mr. Torkington but address all requests for information either to my office, or to our Environmental Consultant, David Seigel of ERAS Environmental, Inc.

As I mentioned in our phone conversation, the area of contamination, will be used as ground level parking for the development, thus minimizing the potential (if any) for human exposure to this contamination. We are very eager to break ground on this development, since the Planning Commission of the City of Oakland has approved the development, but this entitlement will expire if we do not begin construction by October 2003.

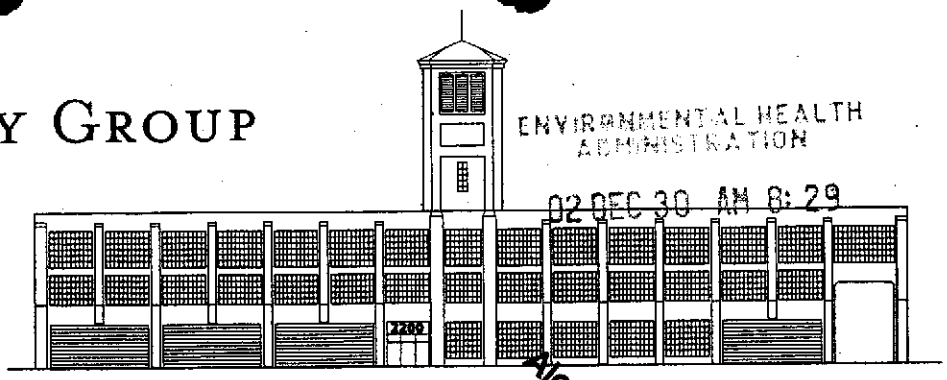
We look forward to working with you to identify and remediate, if necessary, the contamination as expeditiously as possible.

Sincerely,

Francis Rush

RUSH PROPERTY GROUP

2200 ADELINE STREET #350
OAKLAND, CALIFORNIA 94607
(510) 763-7165
(510) 763-8844 FAX



December 26, 2002

Barney M. Chan
Alameda County Health Care Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

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We look forward to working with you to identify and remediate, if necessary, the contamination as expeditiously as possible.

Sincerely,

Francis Rush

SETH JACOBSON
665 3RD ST #3
OAKLAND, CA 94607

305

Date 12-26-02

11-35/1210
545

Pay to the Order of Alameda County Environmental Health Services $ 3000.00

Three thousand and 00/100 Dollars

Bank of America
Oakland Chinatown Branch #0545
388 9th Street, Suite 168
Oakland, CA 94607 (510) 649-6600

For 1549-32nd St. Oakland

Seth Jacobson

⑈121000358⑈0305⑈0545⑈03194⑈

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Re 2514/
IN00 23753

Alameda County
DEC 30 2002
Environmental Health

SETH JACOBSON
655 3RD ST #3
OAKLAND, CA 94607

305

Date 12-26-02

11-35/1210
545

Pay to the Order of Alameda County Environmental Health Services $ 3000.00

Three thousand and 00/100 Dollars

Security features are included. Details on back.

Bank of America
Oakland Chinatown Branch #0545
388 9th Street, Suite 168
Oakland, CA 94607 (510) 649-6600

For 1549-32nd St. Oakland

Seth Jacobson

⑆121000358⑆0305 0545 0319⑈

©Clarke American

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ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

Contact = LI #
# "

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

December 18, 2002

RO 2508

Mr. Don Torkington
Precision Cast Products Inc.
217 Westcott Dr.
Friday Harbor, WA 98250

Re: Deposit for 1549 32nd St., Oakland, CA 94608

Dear Mr. Torkington:

Our office is in receipt of the following technical reports:

- May 10, 2002 Subsurface Investigative Report by Environmental Restoration Services
- June 10, 2002 Subsurface Investigative Report by Environmental Restoration Services and
- October 9, 2002 Technical Summary Report by Eras Environmental, Inc.

Before our office can provide regulatory oversight, a deposit/refund account to fund our oversight tasks must be created. Please submit a deposit of $3000.00, payable to Alameda County, Environmental Health Services, within two weeks of receipt of this letter.

It is expected that the amount requested will allow the project to be completed with a zero balance. Otherwise, additional deposit will be requested, or any unused monies will be refunded to you or your designee.

The deposit/refund mechanism is authorized in Section 6.92.040L of the Alameda County Ordinance Code. Work on this project will be debited at the Ordinance specified rate, currently $105 per hour.

Please be sure to write the following identifying information on your check or cover letter.

- Type of project (site mitigation-SLIC), and
- Site address (1549 32nd St., Oakland 94608)

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

Sincerely,

Barney M Chan

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files
Mr. Francis Rush, Rush Property Group, 2200 Adeline St., #350, Oakland, CA 94607

Dep1549 32nd St

CITY OF OAKLAND FIRE DEPARTMENT
Office Of Emergency Services
1605 Martin Luther King Jr. Way, Oakland, CA 94612

Hazardous Materials Program

Contaminated Site Case Transfer Form

Site Information:

Site Responsible Party (ies)	
Site Name	**Precision Casting**
Site Address	**1459 32nd Street**
Site Phone	**(650) 325-3216**
Site Contractor & Consultant (if available)	**Environmental Restoration Services**
Site DBA	

Site Conditions:

UST				
former product (fuel, w/o, solvent, others)?	Yes	☐	No	☐
observations of system (holes,leaks)?	Yes	☐	No	☐
observed contamination (free product, smell, soil/water discoloration)?	Yes	☐	No	☐
soil and/or groundwater concentrations of contaminants?	Yes	☐	No	☐
unauthorized Release Form Filed?	Yes	☐	No	☐
future intended use if known?	Yes	☐	No	☐
NON-UST				
Former industrial use?	Yes	☑	No	☐
Soil and/or groundwater concentrations of contaminants?	Yes	☑	No	☐
Future intended use if known?	Yes	☑	No	☐
If available, attach pertinent reports				

Transferred as: LOP ☐ SLIC ☑

Level of Update requested:
☑ distribution list ☐ all meetings ☐ all site visits ☐ closure sign off ☐ all the above

Transfer requested by Inspector: L. GRIFFIN

Transfer accepted by: (ALCo EHS): _____

RO-2508

Drogos, Donna, Env. Health

From: Kasey Cordoza [kcordoza@mindspring.com]
Sent: Wednesday, November 13, 2002 3:15 PM
To: ddrogos@co.alameda.ca.us

Ms. Donna Drogos
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Ste. 250
Alameda, CA 94501

Dear Donna,

ERAS prepared a Technical Summary Report for a site located at 1549 32nd Street in Oakland. A copy of the report, dated October 9, 2002 was submitted to you for review on that date.

Ms. Gail Jones of ERAS and I have tried to call to inquire of the status of your review, and to determine who might be assigned to the case. Mr. Francis Rush, the owner of the subject site, is anxious to proceed with the investigation since it may be a long process. He is interested in proceeding under your agency's oversight so that everyone is on the same page during the process.

Please inform me of the status so that we might proceed. An option for the client would be to have ERAS proceed to perform the next proposed phase of investigation (a Hydropunch(tm) boring program) to attempt to delineate the extent of chemical contamination in soil and groundwater. The work would be performed following current regulations and a report of the results would of course be promptly submitted to your agency.

Please advise of the status at your earliest convenience.

Best Regards,

David Siegel
Project Manager

Kasey Cordoza
Eras Environmental, Inc.
510/ 247-9885 (Phone)
510/ 886-5399 (Fax)

Photograph 1 – Southeast corner of building

Photograph 2 –View of west side of excavation sidewall.

Ro 2508

Photograph 3 – Northwest corner of excavation.

Photograph 4 – View inside excavation green contaminated soil, black & tan native.

Photograph 5 – Bottom & sidewall near northwest corner of excavation.

Photograph 6 – Overall view of excavation.

Northern pit

Southeast pits

1549 32nd St Oak 94607
Precision Cast Products

CITY OF OAKLAND
FIRE PREVENTION BUREAU
250 Frank Ogawa Plaza, Ste. 3341
OAKLAND, CALIFORNIA 94612-2032
(510) 238-3851

APPLICATION for PERMIT to INSTALL, REMOVE or REPAIR TANKS

In the CITY OF OAKLAND

Request Submittal Date: 4/26/02

PLEASE CIRCLE APPROPRIATE ACTIONS: Application is hereby made for permit to:

(a) Remove (b) Install (c) Repair (d) Modify (e) Abandon/Close in Place **A**

(a) Gasoline (b) Fuel oil (c) Diesel (d) waste oil tank(s) and excavate, commencing:

(a) four feet inside the curb line*; (b) inside the property line; (c) aboveground; (d) underground tank(s)
**inside curb line, please attach copy of sidewalk/excavation permit from PLANNING AND BUILDING*

on the _____ side of _____ St./Ave. _____ feet _____ of _____ St./Ave.

Site Address: 2868 Hannah St Past ~~Present~~ storage waste oil (Filled w/Sand)

Owner: Don Torkington Address 217 Westcott Dr. Phone 360-378-6014
Friday Harbor, WA 98250

Applicant: Environmental Restoration Serv Address 500 Santa Cruz Ave Menlo Park Ca 94025 Phone 650-325-3246
please call Ben Halsted @ 408-655-9934 to schedule

Sidewalk surface to be disturbed NO X Number of Tanks 1 Capacity 1500 Gallons ea.

Remarks Tank has been closed in place (1978) by filling w/ sand.

Signature [signature]

PLEASE ATTACH/SUBMIT: *(All applicants must have a City Business License Permit)* 233412

- (2) Copies of Closure Plans for underground tank removal(s)
- (2) Sets of plans and (1) copy of specifications for above ground tank removal
- (2) Sets of plans and (2) sets of application packets for underground tank installation and modifications
- (2) Sets of plans for aboveground tank installation and specifications
- copy or prepare to show Planning and Building approval for aboveground tank removal and tank repair

NOTE: FOR TANK INSTALLATION PLEASE SUBMIT THIS APPLICATION FORM ALONG WITH A APPLICATION FOR PERMIT TO OPERATE, MAINTAIN OR STORE

APPROVED MARSHAL'D CITY OF OAKLAND
By _____
Date 4/26/02

FOR OFFICE USE ONLY

Permit No. 21-02
Copies to: Electrical Inspection

Amt. Recv'd $540.00 Date Issued: _____
Ck# 3812 Cash _____
Receipt# 937799 Recv'd by: Mae

rev:05/98

Tk

City of Oakland, Fire Department, Office of Emergency Services
Hazardous Materials Program
APPLICATION FOR UNDERGROUND TANK REMOVAL

FACILITY

Project Contact & Phone # Ben Halsted at 408-655-9434

Facility Name: Precision Casting Inc. | Phone#: Vacant

Address: 2868 Hannah St.

Cross Street: 32nd St.

Owner/Operator: Vacant | Phone #: Vacant

CONTRACTOR

Contractor Name: Environmental Restoration Services | Phone #: 650-325-3216

Contractor Address: 500 Santa Cruz Ave Menlo Park Ca 94025 | CA License #: 589652 | Class: A Haz

Hazardous Waste Certified: (Qualifying license category: A) Yes ☒ No ☐ | Workers Comp#: 3101775-2001 State Fund 13-101775-02001

City of Oakland Business Tax License #: 2339412 | Permit #:

Does this site have a leaking UST (or did it have a leaking tank system?) Yes ☐ No ☒

TANKS

State Tank ID#	Tank Size	Material That Was Stored	Proposed Removal Date
39-	1500	waste oil (closed in place 1978 Filled w/ sand	4-10-02
39-			
39-			
39-			
39-			
39-			

PLAN

☒ APPROVED ☐ APPROVED WITH CONDITION(S) ☐ DISAPPROVED

PLAN REVIEWER S SIGNATURE: [signature] DATE OF APPROVAL: 4/11/02

APPLICANT MUST PERFORM ALL WORK IN ACCORDANCE WITH CITY OF OAKLAND ORDINANCES, STATE LAWS, AND RULES AND REGULATIONS OF THE CITY OF OAKLAND FIRE SERVICES AGENCY. OWNER OR LICENSED AGENT S SIGNATURE CERTIFIES THE FOLLOWING: I CERTIFY THAT IN THE PERFORMANCE OF THE WORK FOR WHICH THIS INSTALLATION PLAN IS ISSUED, I SHALL NOT EMPLOY ANY PERSON IS SUCH A MANNER AS TO BECOME SUBJECT TO WORKER S COMPENSATION LAWS OF CALIFORNIA. CONTRACTOR S HIRING OR SUBCONTRACTING SIGNATURE CERTIFIES THE FOLLOWING: I CERTIFY THAT IN THE PERFORMANCE OF THE WORK FOR WHICH THIS INSTALLATION PLAN IS ISSUED, I SHALL EMPLOY PERSONS SUBJECT TO WORKER S COMPENSATION LAWS OF CALIFORNIA.

APPLICANT S SIGNATURE: [signature] TITLE: contractor DATE: 4/2/02

INDICATE THE RESPONSIBLE PARTY TO BE BILLED FOR ADDITIONAL FSA/OES STAFF TIME EXPENDED BEYOND THE HOURS COVERED BY THE INITIAL DEPOSIT AMOUNT. THE PARTY MUST ACKNOWLEDGE THIS RESPONSIBILITY FOR THE ADDITIONAL BILLING BY SIGNATURE AND DATE BELOW.

NAME Ben Halsted

MAILING ADDRESS 500 Santa Cruz Ave Menlo Park Ca 94025
STREET **CITY, STATE, ZIP**

DAY PHONE NUMBER 650-325-3216
area code **phone #**

SIGNATURE

DATE 4/2/02

REVIEWED — SUBJECT TO FIELD INSPECTION
Contact 238-7759 ~~prior~~
to 48 hrs prior to
inspection date
Date 4/1/02 Signed

form c:tankapp.ins January 2, 1998

City Of Oakland
FIRE PREVENTION BUREAU

250 Frank Ogawa Plaza, Ste. 3341
Oakland California 94612-2032
510-238-3851

Permit To Excavate And Install, Repair, Or Remove Inflammable Liquid Tanks

Oakland, California April 11, 2002

Tank Permit Number: 21-02

Permission Is Hereby Granted To:

Remove Waste Oil **Tank And Excavate Commencing:** **Feet Inside:** Property **Line.**

On The:

Site Address: 2868 Hannah Street **Present Storage:** Waste Oil (filled with sand - see remarks)

Owner: Don Torkington **Address:** 217 westcott Dr., Friday Harbor, WA, 98250 **Phone:** (360) 378-6019

Applicant: Environmental Restoration Services **Address:** 500 Santa Cruz Ave., Menlo Park, CA 94025 **Phone:** (650) 325-3216

Dimensions Of Street (sidewalk) Surface To Be Disturbed : **X** **No. Of Tanks** 1 **Capacity** 1,500 **Gallons, Each**

Remarks Tank has been closed in place by filling with sand (1978)

This Permit Is Granted In Accordance With Existing City Ordinances. Owner Hereby Agrees To Remove Tanks On Discontinuance Of Use Or When Notified By The City Authorities When Installing, Removing Or Repairing Tanks, No Open Flame To Be On Or Near Premises.

CERTIFICATE OF TANK AND EQUIPMENT INSPECTION

Type Of Inspection: Removal / CLOSED IN PLACE

Inspected And Passed On: 4/15/02

By: LGuffey

Approved: Sandra L. Simon
Fire Marshal

Inspection Fee Paid: $ 540.00

Received By: ck#3812 rec#837799 McC

UST/AST Installations/modifications:

Pressure Test: Inspected By: _____ **Date:** _____

Primary Piping Test: Inspected By: _____ **Date:** _____

Secondary Containment & Sump Testing:

Inspected By: _____ **Date:** _____

Final: Inspected By: _____ **Date:** _____

Before Covering Tanks, Above Certification Must Be Signed When Ready For Inspection Notify Fire Prevention Bureau 238-3851

THIS PERMIT MUST BE LEFT ON THE WORK SITE AS AUTHORITY THEREFORE

Distribution: White - Fire Prevention Bureau, Yellow - Contractor, Pink - Electrical Inspection

CITY OF OAKLAND
Fire Department
Fire Prevention Bureau
Hazardous Materials Program
250 Frank H. Ogawa Plaza, Ste. 3341
Oakland, CA 94612-2032

UNDERGROUND TANK CLOSURE PLAN

(Complete according to instructions)

1) Name of Business Precision Casting

Business Owner or Contact Person (PRINT) Ben Halsted – 408-655-9434

2) Site Address 2868 Hannah St.

City Oakland Zip _____ Phone Vacant

3) Mailing Address _____

City _____ Zip _____ Phone _____

4) Property Owner Don Torkington

Business Name (if applicable) Precision Casting

Address 217 Westcott Dr.

City, State Friday Harbor, WA. Zip 98250

5) Generator name under which tank will be manifested

Don Torkington

EPA ID Under which tank will be manifested CA CAC002550401

6) Contractor Environmental Restoration Services

Address 500 Santa Cruz Ave

City Menlo Park Ca 94025 Phone 650-325-3216

License Type A-Haz IDS Ben Halsted

Effective January 1, 1992, Business and Professional Code Section 7058.7 require contractors to also hold Hazardous Waste certification issued by the State Contractor License Board

7) Consultant (if applicable) None

Address

City, State Phone

8) Main Contact Person for Investigation (if applicable)

Name Ben Halsted Title Agent for owner

Company Environmental Restoration Services

Phone 650-325-3216

9) Number of underground tanks being closed with this plan 1 (Confirmed with owner operator)

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

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

a) Product/Residual Sludge/Rinsate Transporter ~~Tank~~

Name Ecology Control Industries (ECI) EPA I.D. NO. CAD982030175

Hauler License No. 1533 License Exp. Date 9/02

Address 255 Parr Blvd.

City Richmond State Ca Zip 94801

b) Product/Residual Sludge/Rinsate Disposal Site

Name ECI EPA ID No. CAD 009466592

Address 255 Parr Blvd.

City Richmond State Ca Zip 94801

c) Tank and Piping Transporter

Name ECI EPA I.D. No. CAD982030175

c) Hauler License No. 1533 License Exp. Date 9/02

Address 255 Parr Blvd

City Richmond State Ca Zip 94801

d) Tank and Piping Disposal Site

Name ECI EPA I.D. No. CAD009466392

Address 255 Parr Blvd

City Richmond State Ca Zip 94801

11) Sample Collector

Name Ben Welsted

Company Env. Rest. Serv.

Address 500 Santa Cruz Ave.

City Menlo Park State Ca Zip 94025

Phone 650-325-3216

12) Laboratory

Name NorthState Environmental Labs

Address 200 S. Spruce St. #E

City S. San Francisco State Ca Zip 94137

State Certification No. E-3104

13) Have tanks or pipes leaked in the past Yes ☐ No ☐ Unknown ☒

If yes, describe

14) Describe methods to be used for rendering tank (s): inert:

50 lbs of dry ice per 1000 gallons of tank capacity

Before tanks are pumped out and inserted, 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 must also be contacted for tank removal permit. The use of a combustible gas indicator to verify tank inertness is required. It is the contractor's responsibility to bring a working combustible gas indicator on-site to verify that the tank is inert. **Note: you may be required to recalibrate the combustible gas indicator on site, to show that it is working properly.**

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

Tank		Material to be sampled (tank contents, soil, groundwater)	Location and Depth of Samples
Capacity	Use History include date last used (estimated)		
1500	unknown, Tank closed in place in 1978	soil	each end of tank 18" below tank bottom in native soil

One soil sample must be collected for every 20 linear feet or 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
6 cu. yrds.	recover four samples from dissimilar locations at soil stockpile, composite at lab into one sample for test.

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

Will the excavated soil be returned to the excavation immediately after tank removal?

☐ yes ☐ No ☒ unknown

If yes, explain reasoning_____

_____

If unknown at this point in time, please be aware that excavated soil may no be returned to the excavation without prior approval from Fire Services Agency, Office of Emergency Services. This means that the contractor, consultant, or responsible party must communicate with the Hazardous Materials Inspector **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
TPH/g, TPH/d		8015m	1 ppm
BTEX, MTBE		8020	5 ppb
LUFT 5 metals		7240	1 ppm
VOC's		8260	1 ppb
TRPH		418.1	50 ppm

18. Submit Workers Compensation Certificate copy

    Name of Insurer State Comp. Ins. Fund

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

20. Enclose Permit fee (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 proved above, may be needed in order to obtain approval from the Hazardous Materials 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 age and that this responsibility is not shared nor assumed by the City of Oakland.

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

CONTRACTOR INFORMATION

Name of Business Environmental Restoration Services

Name of Individual Ben Halsted

Signature [signature] Date 4/2/02

PROPERTY OWNER OR MOST RECENT TANK OPERATOR (Circle one)

Name of Business Reversion Casting

Name of Individual Don Torkington

Signature Don Torkington Date 4-4-02

General Instructions

- Three (3) copies of this plan plus attachments and permit must be submitted to this Department.
- Any cutting into tanks requires Fire Services Agency approval.
- One complete copy of your approved plan must be at the construction site at all times; a copy of your approved plan must also be sent to the landowner.
- State of California Permit Application Forms A and B are to submit to this office One Form A per site, one Form B for each removed tank.

Line Item Specific Instructions

2. SITE ADDRESS
   Address at which closure is taking place.

5. EPA I.D. NO. - under which the tanks will be manifested
   EPA I.D. numbers may be obtained from the State Department of Toxic Substances Control, 916/324-1781

6. CONTRACTOR
   Prime contractor for the project.

10. STATE REGISTERED HAZARDOUS WASTE TRANSPORTERS/FACILITIES
   a) All residual liquids and sludges are to be removed from tanks before tanks are inerted.
   c) Tanks must be hauled as hazardous waste.
   d) This is the place where tanks will be taken for cleaning.

15) TANK HISTORY AND SAMPLING INFORMATION
Use History - This information is essential and must be accurate. Include tank installation date, products stored in the tank, and the date when the tank was last used.
Material to be sampled - e.g. water, oil, sludge, soil, etc.

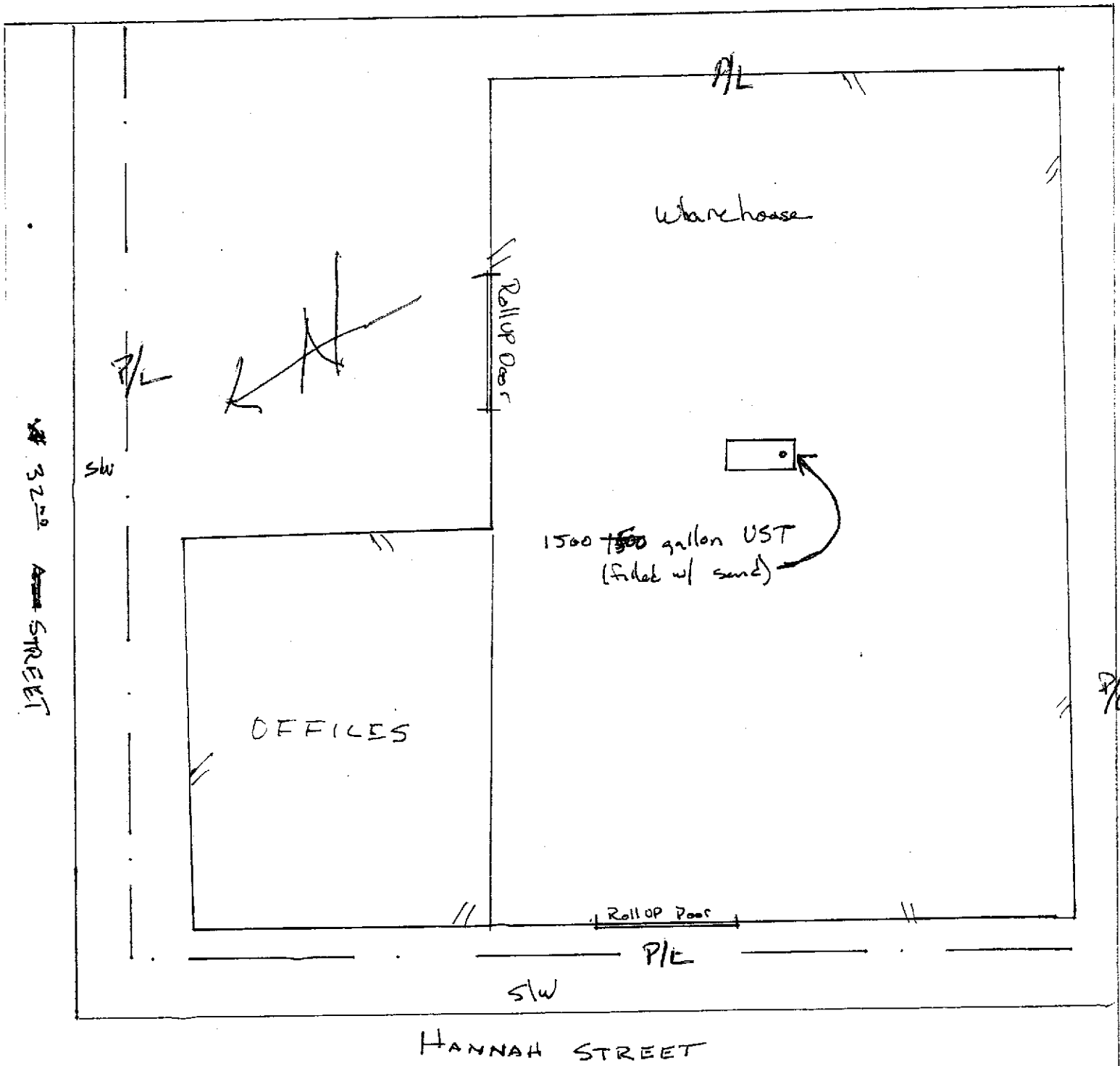
Location and depth of samples - e.g. beneath the tank a maximum of two feet below the native soil/backfill interface, side wall at the trig} water mark, etc.

16) CHEMICAL METHODS AND ASSOCIATED DETECTION LIMITS
See attached Table 2.

17) SITE HEALTH AND SAFETY PLAN
A site specific Health and Safety plan must be submitted. We advocate the site health and safety plan include the following items, at a minimum:
a) The name and responsibilities of the site health and safety officer.
b) An outline of briefings to be held before work each day to appraise employees of site health and safety hazards;

Environmental Restoration Services

Site Investigations * Fuel Tank Closures and Installations * Site Remediation * Regulatory Reporting



1" = ~~20'~~ 30'	SITE PLAN 2868 Hannah St., Oakland, CA EIA # CAC002550401	Don Torkington 217 Westcott Dr. Friday Harbor, WA 98250 360-378-6019

500 Santa Cruz Avenue * Menlo Park, California 94025 * Phone 650/325-3216 * Fax 650/327-2984

POLICYHOLDER COPY

STATE COMPENSATION INSURANCE FUND P.O. [redacted] K 420807, SAN FRANCISCO, CA 94142-0807 [redacted]

CERTIFICATE OF WORKERS' COMPENSATION INSURANCE

MAY 9, 2002

GROUP:
POLICY NUMBER: 1310[illegible]3-2001
CERTIFICATE ID: 7
CERTIFICATE EXPIRES: 06-01-2003

CITY OF SAN JOSE FIRE DEPARTMENT
205 N SECOND ST STE 1100
SAN JOSE CA 95128

This is to certify that we have issued a valid Worker's 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 10 days advance written notice to the employer.

We will also give you 10 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

K. Bullier
PRESIDENT

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

EMPLOYER

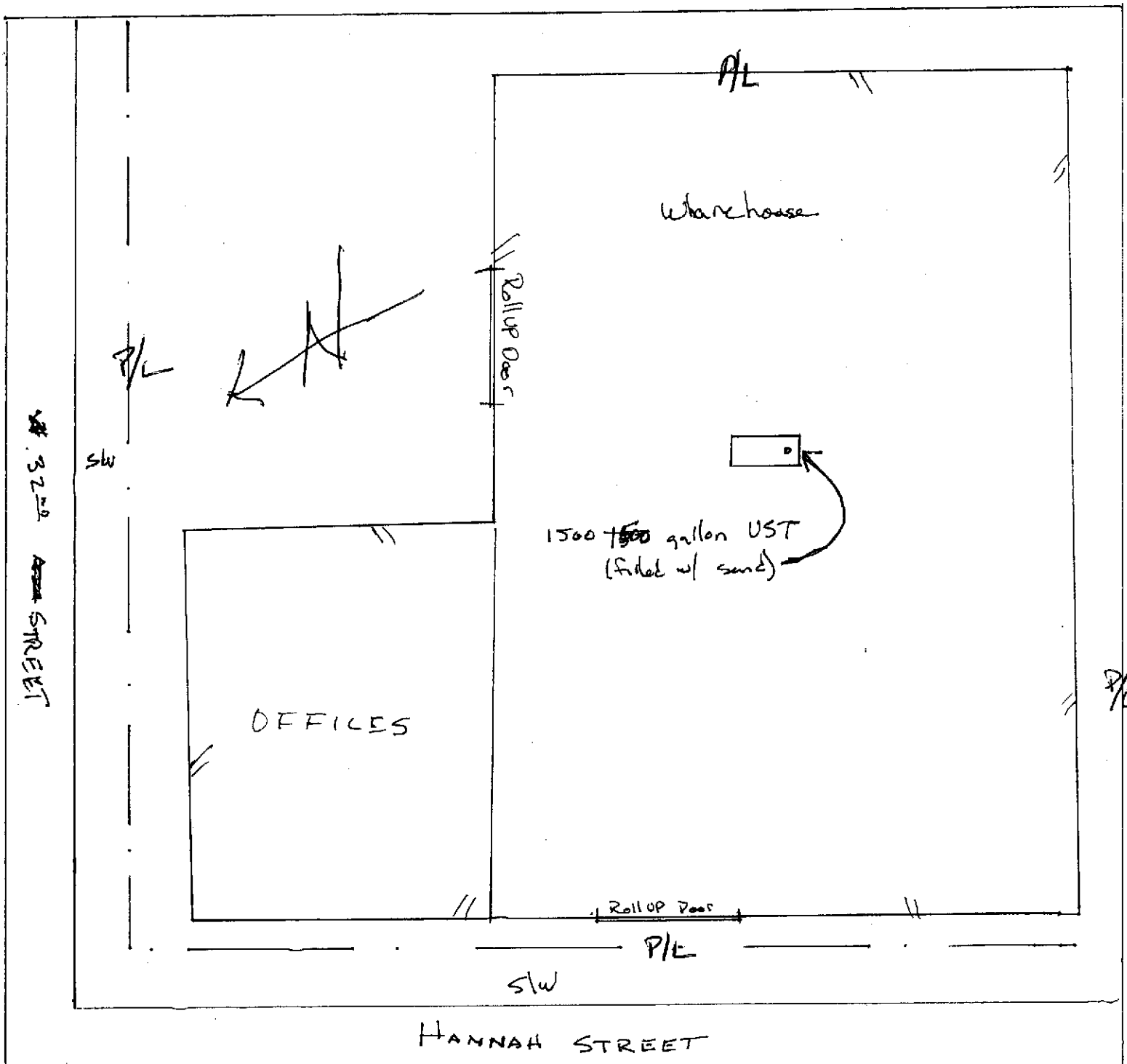
HALSTED, BEN DBA: ENVIRONMENTAL RESTORATION SERVICES
1115 MERRILL ST
MENLO PARK CA 94025

SCIF 10255

[EPF-UI: RW]

Environmental Restoration Services

Site Investigations * Fuel Tank Closures and Installations * Site Remediation * Regulatory Reporting



~~1" = 20'~~ 1" = 30'	SITE PLAN 2868 Hannah St., Oakland, CA EPA # CAC002550401	Don Turkington 217 Westcott Dr. Friday Harbor, WA 98250 360-378-6019

500 Santa Cruz Avenue * Menlo Park, California 94025 * Phone 650/325-3216 * Fax 650/327-2984

UNIFIED PROGRAM CONSOLIDATED FORM

TANKS

UNDERGROUND STORAGE TANKS - FACILITY

(one page per site) Page ____ of ____

TYPE OF ACTION (Check one item only) ☐ 1. NEW SITE PERMIT ☐ 3. RENEWAL PERMIT ☐ 4. AMENDED PERMIT ☐ 5.CHANGE OF INFORMATION specify change local use only _____ ☐ 6.TEMPORARY SITE CLOSURE ☐ 7.PERMANENTLY CLOSED SITE ☒ 8. TANK REMOVED 400

I. FACILITY / SITE INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3: Precision Cast Products

FACILITY ID#: 1

NEAREST CROSS STREET 401: 32nd Ave

BUSINESS TYPE 403: ☐ 1. GAS STATION ☐ 3. FARM ☐ 5. COMMERCIAL ☐ 2. DISTRIBUTOR ☒ 4. PROCESSOR ☐ 6. OTHER

FACILITY OWNER TYPE 402: ☐ 1. CORPORATION ☒ 2. INDIVIDUAL ☐ 3. PARTNERSHIP ☐ 4. LOCAL AGENCY/DISTRICT* ☐ 5. COUNTY AGENCY* ☐ 6. STATE AGENCY* ☐ 7. FEDERAL AGENCY*

TOTAL NUMBER OF TANKS REMAINING AT SITE 404: 0

Is facility on Indian Reservation or trustlands? 405: ☐ Yes ☐ No

*If owner of UST is a public agency: name of supervisor of division, section or office which operates the UST (This is the contact person for the tank records.) 406:

II. PROPERTY OWNER INFORMATION

PROPERTY OWNER NAME 407: Don Torkington

PHONE 408: 360-378-6019

MAILING OR STREET ADDRESS 409: 217 Westcott Dr.

CITY 410: Friday Harbor

STATE 411: Wa

ZIP CODE 412: 98250

PROPERTY OWNER TYPE 413: ☐ 1. CORPORATION ☒ 2. INDIVIDUAL ☐ 3. PARTNERSHIP ☐ 4. LOCAL AGENCY / DISTRICT ☐ 5. COUNTY AGENCY ☐ 6. STATE AGENCY ☐ 7. FEDERAL AGENCY

III. TANK OWNER INFORMATION

TANK OWNER NAME 414: Same As JL

PHONE 415:

MAILING OR STREET ADDRESS 416:

CITY 417:

STATE 418:

ZIP CODE 419:

TANK OWNER TYPE 420: ☐ 1. CORPORATION ☐ 2. INDIVIDUAL ☐ 3. PARTNERSHIP ☐ 4. LOCAL AGENCY / DISTRICT ☐ 5. COUNTY AGENCY ☐ 6. STATE AGENCY ☐ 7. FEDERAL AGENCY

IV. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUMBER

TY (TK) HQ 44- _____ Call (916) 322-9669 if questions arise 421

V. PETROLEUM UST FINANCIAL RESPONSIBILITY

INDICATE METHOD(s) 422: ☐ 1. SELF-INSURED ☐ 2. GUARANTEE ☐ 3. INSURANCE ☐ 4. SURETY BOND ☐ 5. LETTER OF CREDIT ☐ 6. EXEMPTION ☐ 7. STATE FUND ☒ 8. STATE FUND & CFO LETTER ☐ 9. STATE FUND & CD ☐ 10. LOCAL GOVT MECHANISM ☐ 99. OTHER:

VI. LEGAL NOTIFICATION AND MAILING ADDRESS

Check one box to indicate which address should be used for legal notifications and mailing. Legal notifications and mailings will be sent to the tank owner unless box 1 or 2 is checked. 423: ☐ 1. FACILITY ☒ 2. PROPERTY OWNER ☐ 3. TANK OWNER

VII. APPLICANT SIGNATURE

Certification – I certify that the information provided herein is true and accurate to the best of my knowledge.

SIGNATURE OF APPLICANT: [signature]

DATE 424: 4/2/02

PHONE 425: 650-325-3216

NAME OF APPLICANT (print) 426: B. Hansler

TITLE OF APPLICANT 427: Agent for Owner

STATE UST FACILITY NUMBER (For local use only) 428:

1998 UPGRADE CERTIFICATE NUMBER (For local use only) 429:

UNIFIED PROGRAM CONSOLIDATED FORM

TANKS

UNDERGROUND STORAGE TANKS – TANK PAGE 2

VI. PIPING CONSTRUCTION (Check all that apply)

	UNDERGROUND PIPING None				ABOVEGROUND PIPING			
SYSTEM TYPE	☐ 1. PRESSURE	☐ 2. SUCTION	☐ 3. GRAVITY	458.	☐ 1. PRESSURE	☐ 2. SUCTION	☐ 3. GRAVITY	459.
CONSTRUCTION/ MANUFACTURER	☐ 1. SINGLE WALL ☐ 2. DOUBLE WALL	☐ 3. LINED TRENCH ☐ 95. UNKNOWN	☐ 99. OTHER	460.	☐ 1. SINGLE WALL ☐ 2. DOUBLE WALL	☐ 95. UNKNOWN ☐ 99. OTHER		462.
MANUFACTURER				461.	MANUFACTURER			463.

UNDERGROUND PIPING			ABOVEGROUND PIPING		
☐ 1. BARE STEEL	☐ 6. FRP COMPATIBLE W/100% METHANOL		☐ 1. BARE STEEL	☐ 6. FRP COMPATIBLE W/100% METHANOL	
☐ 2. STAINLESS STEEL	☐ 7. GALVANIZED STEEL		☐ 2. STAINLESS STEEL	☐ 7. GALVANIZED STEEL	
☐ 3. PLASTIC COMPATIBLE WITH CONTENTS	☐ 95. UNKNOWN		☐ 3. PLASTIC COMPATIBLE W/ CONTENTS	☐ 8. FLEXIBLE (HDPE)	☐ 99. OTHER
☐ 4. FIBERGLASS	☐ 8. FLEXIBLE (HDPE)	☐ 99. OTHER	☐ 4. FIBERGLASS	☐ 9. CATHODIC PROTECTION	
☐ 5. STEEL W/COATING	☐ 9. CATHODIC PROTECTION	464.	☐ 5. STEEL W/COATING	☐ 95. UNKNOWN	465.

VII. PIPING LEAK DETECTION (Check all that apply) (A description of the monitoring program shall be submitted to the local agency.)

UNDERGROUND PIPING None

SINGLE WALL PIPING 466.

PRESSURIZED PIPING (Check all that apply):

☐ 1. ELECTRONIC LINE LEAK DETECTOR 3.0 GPH TEST WITH AUTO PUMP SHUT-OFF FOR LEAK, SYSTEM FAILURE, AND SYSTEM DISCONNECTION + AUDIBLE AND VISUAL ALARMS.

☐ 2. MONTHLY 0.2 GPH TEST

☐ 3. ANNUAL INTEGRITY TEST (0.1 GPH)

CONVENTIONAL SUCTION SYSTEMS

☐ 5. DAILY VISUAL MONITORING OF PUMPING SYSTEM + TRIENNIAL PIPING INTEGRITY TEST (0.1 GPH)

SAFE SUCTION SYSTEMS (NO VALVES IN BELOW GROUND PIPING):

☐ 7. SELF MONITORING

GRAVITY FLOW

☐ 9. BIENNIAL INTEGRITY TEST (0.1 GPH)

SECONDARILY CONTAINED PIPING None

PRESSURIZED PIPING (Check all that apply):

10. CONTINUOUS TURBINE SUMP SENSOR WITH AUDIBLE AND VISUAL ALARMS AND (Check one)
  - ☐ a. AUTO PUMP SHUT OFF WHEN A LEAK OCCURS
  - ☐ b. AUTO PUMP SHUT OFF FOR LEAKS, SYSTEM FAILURE AND SYSTEM DISCONNECTION
  - ☐ c. NO AUTO PUMP SHUT OFF

☐ 11. AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST) WITH FLOW SHUT OFF OR RESTRICTION

☐ 12. ANNUAL INTEGRITY TEST (0.1 GPH)

SUCTION/GRAVITY SYSTEM

☐ 13. CONTINUOUS SUMP SENSOR + AUDIBLE AND VISUAL ALARMS

EMERGENCY GENERATORS ONLY (Check all that apply)

☐ 14. CONTINUOUS SUMP SENSOR WITHOUT AUTO PUMP SHUT OFF AUDIBLE AND VISUAL ALARMS

☐ 15. AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST) WITHOUT FLOW SHUT OFF OR RESTRICTION

☐ 16. ANNUAL INTEGRITY TEST (0.1 GPH)

☐ 17. DAILY VISUAL CHECK

ABOVEGROUND PIPING

SINGLE WALL PIPING 467.

PRESSURIZED PIPING (Check all that apply):

☐ 1. ELECTRONIC LINE LEAK DETECTOR 3.0 GPH TEST WITH AUTO PUMP SHUT OFF FOR LEAK, SYSTEM FAILURE, AND SYSTEM DISCONNECTION + AUDIBLE AND VISUAL ALARMS.

☐ 2. MONTHLY 0.2 GPH TEST

☐ 3. ANNUAL INTEGRITY TEST (0.1 GPH)

☐ 4. DAILY VISUAL CHECK

CONVENTIONAL SUCTION SYSTEMS (Check all that apply)

☐ 5. DAILY VISUAL MONITORING OF PIPING AND PUMPING SYSTEM

☐ 6. TRIENNIAL INTEGRITY TEST (0.1 GPH)

SAFE SUCTION SYSTEMS (NO VALVES IN BELOW GROUND PIPING):

☐ 7. SELF MONITORING

GRAVITY FLOW (Check all that apply):

☐ 8. DAILY VISUAL MONITORING

☐ 9. BIENNIAL INTEGRITY TEST (0.1 GPH)

SECONDARILY CONTAINED PIPING

PRESSURIZED PIPING (Check all that apply):

10. CONTINUOUS TURBINE SUMP SENSOR WITH AUDIBLE AND VISUAL ALARMS AND (Check one)
  - ☐ a. AUTO PUMP SHUT OFF WHEN A LEAK OCCURS
  - ☐ b. AUTO PUMP SHUT OFF FOR LEAKS, SYSTEM FAILURE AND SYSTEM DISCONNECTION
  - ☐ c. NO AUTO PUMP SHUT OFF

☐ 11. AUTOMATIC LEAK DETECTOR

☐ 12. ANNUAL INTEGRITY TEST (0.1 GPH)

SUCTION/GRAVITY SYSTEM

☐ 13. CONTINUOUS SUMP SENSOR + AUDIBLE AND VISUAL ALARMS

EMERGENCY GENERATORS ONLY (Check all that apply)

☐ 14. CONTINUOUS SUMP SENSOR WITHOUT AUTO PUMP SHUT OFF AUDIBLE AND VISUAL ALARMS

☐ 15. AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST)

☐ 16. ANNUAL INTEGRITY TEST (0.1 GPH)

☐ 17. DAILY VISUAL CHECK

VIII. DISPENSER CONTAINMENT None

DISPENSER CONTAINMENT 468.	☐ 1. FLOAT MECHANISM THAT SHUTS OFF SHEAR VALVE	☐ 4. DAILY VISUAL CHECK	469.
DATE INSTALLED	☐ 2. CONTINUOUS DISPENSER PAN SENSOR + AUDIBLE AND VISUAL ALARMS	☐ 5. TRENCH/LINER MONITORING	
	☐ 3. CONTINUOUS DISPENSER PAN SENSOR WITH AUTO SHUT OFF FOR DISPENSER + AUDIBLE AND VISUAL ALARMS	☐ 6. NONE	

IX. OWNER/OPERATOR SIGNATURE

I certify that the information provided herein is true and accurate to the best of my knowledge.

SIGNATURE OF OWNER/OPERATOR	DATE: 4.1.02 470.
NAME OF OWNER/OPERATOR (print): B. Halsted	TITLE OF OWNER/OPERATOR: Agent for owner 472.

Permit Number (Agency use only) 473.	Permit Approved By (Agency use only) 474.	Permit Expiration Date (Agency use only) 475.

UST - Tank Form Page 2 Instructio
(Formerly SWRCB Permit Application Form B)

Please number all pages of your submittal.

458. PIPING SYSTEM TYPE (UNDERGROUND) -

459. PIPING SYSTEM TYPE (ABOVEGROUND) -

For items 458 and 459, check the appropriate boxes to describe the type of product/waste piping installed in this tank system. Describe underground and aboveground (if any) piping separately in the columns provided.

460. PIPING CONSTRUCTION (UNDERGROUND) - Check the appropriate box(es) to describe the type(s) of containment provided for the underground product/waste piping.

461. PIPING MANUFACTURER (UNDERGROUND) - Enter the name of the piping manufacturer.

462. PIPING CONSTRUCTION (ABOVEGROUND) - Check the appropriate box(es) to describe the type(s) of containment provided for any aboveground portions of the product/waste piping.

463. PIPING MANUFACTURER (ABOVEGROUND) - Enter the name of the piping manufacturer.

464. PIPING MATERIAL AND CORROSION PROTECTION (UNDERGROUND) - Check the appropriate boxes to describe the material(s) of construction of the primary (i.e. inner) underground product/waste piping and indicate whether any cathodic (i.e. corrosion) protection systems are installed.

465. PIPING MATERIAL AND CORROSION PROTECTION (ABOVEGROUND) - Check the appropriate boxes to describe the material(s) of construction of any primary (i.e. inner) aboveground product/waste piping and indicate whether any cathodic (i.e. corrosion) protection systems are installed.

466. PIPING LEAK DETECTION (UNDERGROUND) -

467. PIPING LEAK DETECTION (ABOVEGROUND)-

For items 466 and 467, check the appropriate boxes to describe all leak detection method(s) used to comply with the monitoring requirements for regulated piping.

468. DATE DISPENSER CONTAINMENT INSTALLED - If the tank system is equipped with dispenser secondary containment (i.e. dispenser sumps or pans) equipment, enter the date that equipment was installed. If the tank system has a dispenser that is not secondarily contained, specify "None" in the space provided for the date. If the system does not include dispensers (e.g. standby generator tank system), enter "N/A."

469. DISPENSER CONTAINMENT TYPE - Check the appropriate box to describe how dispenser secondary containment is monitored for leaks.

SIGNATURE OF OWNER/OPERATOR - The owner or an authorized agent of the owner shall sign in the space provided. This signature certifies that the signer believes that all information submitted is true, accurate, and complete.

470 DATE CERTIFIED - Enter the date the form was signed.

471. OWNER/ OPERATOR NAME - Print or type the name of the person signing the form.

472. OWNER/ OPERATOR TITLE - Enter the title of the person signing the form.

473. PERMIT NUMBER - This space is for agency use only.

474. PERMIT APPROVED BY - This space is for agency use only.

475. PERMIT EXPIRATION DATE - This space is for agency use only.

UNIFIED PROGRAM CONSOLIDATED FORM
TANKS
UNDERGROUND STORAGE TANKS – TANK PAGE 1

(Two pages per tank)

Page ____ of ____

TYPE OF ACTION (Check one item only) 430.
☐ 1. NEW PERMIT ☐ 4. AMENDED PERMIT (Specify reason) ☐ 5. CHANGE OF INFORMATION (Specify reason) ☐ 6. TEMPORARY TANK CLOSURE ☐ 7. PERMANENTLY CLOSED ON SITE ☒ 8. TANK REMOVED
☐ 3. RENEWAL PERMIT

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3. Precision Cast Products

FACILITY ID: 1.

LOCATION WITHIN SITE (Optional) 431.
Inside center of warehouse building

I. TANK DESCRIPTION

(A scaled plot plan with the location of the UST system including buildings and landmarks shall be submitted to the local agency.)

TANK ID # 432.	TANK MANUFACTURER 433.	COMPARTMENTALIZED TANK ☐ Yes ☒ No 434.
T-1	Unkwn.	If "Yes," complete one page for each compartment
DATE INSTALLED (YEAR/MO) 435.	TANK CAPACITY IN GALLONS 436.	NUMBER OF COMPARTMENTS 437.
Unkwn	1500	

ADDITIONAL DESCRIPTION (For local use only) 438.

II. TANK CONTENTS

TANK USE 439.
☐ 1. MOTOR VEHICLE FUEL (If checked, complete Petroleum Type)
☒ 2. NON-FUEL PETROLEUM
☐ 3. CHEMICAL PRODUCT
☐ 4. HAZARDOUS WASTE (Includes Used Oil)
☐ 95. UNKNOWN

PETROLEUM TYPE 440.
☐ 1a. REGULAR UNLEADED ☐ 2. LEADED ☐ 5. JET FUEL
☐ 1b. PREMIUM UNLEADED ☐ 3. DIESEL ☐ 6. AVIATION GAS
☐ 1c. MIDGRADE UNLEADED ☐ 4. GASOHOL ☒ 99. OTHER: waste oil

COMMON NAME (from Hazardous Materials Inventory page) 441.

CAS# (from Hazardous Materials Inventory page) 442.

III. TANK CONSTRUCTION

TYPE OF TANK (Check one item only) 443.
☒ 1. SINGLE WALL ☐ 2. DOUBLE WALL ☐ 3. SINGLE WALL WITH EXTERIOR MEMBRANE LINER ☐ 4. SINGLE WALL IN A VAULT ☐ 5. SINGLE WALL WITH INTERNAL BLADDER SYSTEM ☐ 95. UNKNOWN ☐ 99. OTHER ____

TANK MATERIAL – primary tank (Check one item only) 444.
☒ 1. BARE STEEL ☐ 2. STAINLESS STEEL ☐ 3. FIBERGLASS / PLASTIC ☐ 4. STEEL CLAD W/FIBERGLASS REINFORCED PLASTIC (FRP) ☐ 5. CONCRETE ☐ 8. FRP COMPATIBLE W/100% METHANOL ☐ 95. UNKNOWN ☐ 99. OTHER: ____

TANK MATERIAL – secondary tank (Check one item only) 445
☐ 1. BARE STEEL ☒ 2. STAINLESS STEEL ☐ 3. FIBERGLASS / PLASTIC ☐ 4. STEEL CLAD W/FIBERGLASS REINFORCED PLASTIC (FRP) ☐ 5. CONCRETE ☐ 8. FRP COMPTIBLE W/100% METHANOL ☐ 9. FRP NON-CORRODABLE JACKET ☐ 10. COATED STEEL ☐ 95. UNKNOWN ☐ 99. OTHER ____

TANK INTERIOR LINING OR COATING (Check one item only) 446.
☐ 1. RUBBER LINED ☐ 2. ALKYD LINING ☐ 3. EPOXY LINING ☐ 4. PHENOLIC LINING ☒ 5. GLASS LINING ☐ 6. UNLINED ☐ 95. UNKNOWN ☐ 99. OTHER ____
DATE INSTALLED 447.

OTHER CORROSION PROTECTION (If Applicable) 448.
☐ 1. MANUFACTURED CATHODIC PROTECTION ☐ 2. SACRIFICIAL ANODE ☐ 3. FIBERGLASS REINFORCED PLASTIC ☐ 4. IMPRESSED CURRENT ☒ 95. UNKNOWN ☐ 99. OTHER ____
DATE INSTALLED 449.

SPILL AND OVERFILL (Check all that apply) None 450.
☐ 1. SPILL CONTAINMENT ____
☐ 2. DROP TUBE ____
☐ 3. STRIKER PLATE ____
TYPE 451. ____ ____ ____
OVERFILL PROTECTION EQUIPMENT: YEAR INSTALLED 452.
☐ 1. ALARM ____ ☐ 3. FILL TUBE SHUT OFF VALVE ____
☐ 2. BALL FLOAT ____ ☒ 4. EXEMPT

IV. TANK LEAK DETECTION

(A description of the monitoring program shall be submitted to the local agency.)

IF SINGLE WALL TANK (Check all that apply) 453.
☐ 1. VISUAL (EXPOSED PORTION ONLY)
☐ 2. AUTOMATIC TANK GAUGING (ATG)
☐ 3. CONTINUOUS ATG
☐ 4. STATISTICAL INVENTORY RECONCILIATION (SIR) + BIENNIAL TANK TESTING
☐ 5. MANUAL TANK GAUGING (MTG)
☐ 6. VADOSE ZONE
☐ 7. GROUNDWATER
☐ 8. TANK TESTING
☐ 99. OTHER ____

IF DOUBLE WALL TANK OR TANK WITH BLADDER (Check one item only) 454.
☐ 1. VISUAL (SINGLE WALL IN VAULT ONLY)
☐ 2. CONTINUOUS INTERSTITIAL MONITORING
☐ 3. MANUAL MONITORING

V. TANK CLOSURE INFORMATION / PERMANENT CLOSURE IN PLACE

ESTIMATED DATE LAST USED (YR/MO/DAY) 455	ESTIMATED QUANTITY OF SUBSTANCE REMAINING 456.	TANK FILLED WITH INERT MATERIAL? 457.
± 1978	____ gallons	☒ Yes ☐ No

UST - Tank Form Page 1 Instructio
(Formerly SWRCB Permit Application Form B)

Complete a separate form for each tank for all new permits, permit changes, or any facility information changes. This form must be submitted within 30 days of permit or facility information changes, unless your local agency requires approval prior to making changes. For compartmentalized tanks, each compartment is considered a separate tank and requires completion of a separate tank form. Please number all pages of your submittal. (Note: Numbering of these instructions follows the UPCF data element numbers on the form.)

1. FACILITY ID NUMBER - This space is for agency use only.
3. BUSINESS NAME - Enter the complete Facility Name.
430. TYPE OF ACTION - Check the reason why this form is being submitted. For amended permits and changes of information, include a brief statement summarizing the amendment or change.
431. LOCATION WITHIN SITE - You may use this space to describe the location of the tank within the facility.
432. TANK ID NUMBER - If the UST owner has assigned an in-house tank ID number to this tank, enter that number in this space.
433. TANK MANUFACTURER - Enter the name of the company that manufactured the tank.
434. COMPARTMENTALIZED TANK - Check the appropriate box to indicate whether or not the tank is compartmentalized. Each compartment is considered a separate tank.
435. DATE TANK INSTALLED - Enter the year and month the tank was installed.
436. TANK CAPACITY - Enter the tank capacity in gallons.
437. NUMBER OF TANK COMPARTMENTS - If the tank is compartmentalized, enter the number of compartments.
438. ADDITIONAL DESCRIPTION - You may use this space to provide additional tank or location information.
439. TANK USE - Check the substance stored. If motor vehicle fuel, check box 1 and complete item 440, PETROLEUM TYPE.
440. PETROLEUM TYPE - If box 1 in item 439 is checked, indicate the specific type/grade of fuel stored.
441. COMMON NAME - For substances other than motor vehicle fuels, enter the common name of the substance stored.
442. CAS # - For substances other than motor vehicle fuels, enter the CAS (Chemical Abstract Service) number.
443. TYPE OF TANK - Check the type of tank construction. If type of tank is not listed, check "other" and specify type in the space provided.
444. TANK MATERIAL (PRIMARY TANK) - Check the material of construction of the inner tank (i.e. inner tank wall nearest the hazardous substance stored). If the tank is lined, describe the lining material in item 446, not in this section. If the tank material is not listed, check "other" and specify the material in the space provided.
445. TANK MATERIAL (SECONDARY TANK) - Check material of construction of the tank that provides containment external to, and separate from, the primary containment described above. If the tank material is not listed, check "other" and specify the material in the space provided. If the tank is a single-wall tank, skip item 445.
446. TANK INTERIOR LINING OR COATING - Check the material of construction of any interior lining or coating in the tank. If unlined, check "unlined." If the type of interior lining or coating is not listed, check "other" and specify the lining material in the space provided.
447. DATE TANK INTERIOR LINING INSTALLED - If applicable, enter the date the tank interior lining was installed.
448. OTHER TANK CORROSION PROTECTION - If any other tank corrosion protection methods are used, check the appropriate boxes to describe them. If methods used are not listed, check "other" and describe in the space provided.
449. DATE TANK CORROSION PROTECTION INSTALLED - If applicable, enter the date tank corrosion protection was installed.
450. YEAR SPILL AND OVERFILL INSTALLED - Check the appropriate boxes to indicate whether drop tube(s), spill containment, and striker plate(s) are installed. In the spaces provided, specify the year each type of equipment was installed.
451. TYPE OF SPILL PROTECTION - Enter the type of spill containment, drop tube, and striker plate installed.
452. YEAR OVERFILL PROTECTION EQUIPMENT INSTALLED - Check the appropriate box(es) to describe the type(s) of overfill protection equipment installed. In the space provided, specify the year this equipment was installed.
453. TANK LEAK DETECTION (SINGLE WALL TANKS ONLY) - Check the leak detection system(s) used to comply with monitoring requirements for the tank itself. CHECK ALL THAT APPLY. If you use a leak detection system that is not listed, check "other" and describe the system in the space provided.
454. TANK LEAK DETECTION (DOUBLE WALL TANKS) - For double wall tanks, tanks in vaults, or tanks with a bladder, check the leak detection system(s) used to monitor the tank secondary containment system. CHECK ONE ITEM ONLY.
455. ESTIMATED DATE LAST USED - Complete this section only if the tank was closed in place. Enter the date the tank was last used.
456. ESTIMATED QUANTITY OF SUBSTANCE REMAINING IN TANK - Complete this section only if the tank was closed in place. Enter the estimated quantity of hazardous substance remaining in the tank (in gallons).
457. TANK FILLED WITH INERT MATERIAL - Complete this section only if the tank was closed in place. Check whether or not the tank was filled with an inert material prior to closure.

SITE SPECIFIC
HEALTH AND SAFETY PLAN
FOR

Hannah & 32nd. St., Oakland, CA

This Site Specific Health and Safety Plan is a supplement to and shall incorporate the General Work Site Safety Plan of Environmental Restoration Services (ERS) as its basic source of information. Items of concern not specifically listed in this Site Specific Health and Safety Plan will be found in the General Work Site Safety Plan of ERS.

A. Site Health and Safety Officer

Ben Halsted has been designated the Site Safety and Health Officer for this site. He shall be responsible for:

1. Monitoring the safety and health impacts of this project on all personnel and subcontractors. **All personnel on-site** can be equipped with Level "C" safety protection - hard-hat, rubber boots, safety glasses and hearing protection, tyvex suits, rubber groves, leather gloves.

2. Assessing the potential health and safety hazards on the site.

3. Recommending appropriate safeguards and procedures, including upgrading the Level of safety protection as necessary.

4. Modifying this **HSP**, when necessary.

5. Approving any changes in safeguards used or operating procedures employed on the site.

6. Requiring safety precautions and/or procedures be implemented.

7. Denying access to the site to unauthorized personnel.

8. In the event of an accident of injury, requiring any worker to obtain immediate medical attention. An accident report will be filed within 24 hours of the incident, and forwarded to the Company Safety Officer.

9. Order a work stoppage up to and including an evacuation of the site or portion of the site, or shut down any operation on the site if he believes a health or safety hazard exists.

500 Santa Cruz Avenue * Menlo Park, California 94025 * Phone 650/325-3216 * Fax 650/327-2984

B. JOB and RISK ANALYSIS

Residual levels of VOC's where not found in the tank nor soil and therefore create a minimal chance for potential explosion, fire or exposure hazards.

Confined space entry will not be performed.

Power machinery, excavation equipment, (backhoe), air compressor and metal/non-spark cutting equipment will be used on the site.

Carbon dioxide in the form of dry ice may be used to inert the tank before removal from the excavated area and before opening the tank. The inerting process will force flammable gases out of the tank and into the excavation area where it may accumulate. Extreme care will be exercised during this process. Smoking or the use of an open flame will be prohibited.

Contaminants or compounds anticipated to be possibly encountered at this site are:

Chemical Hazards

Petroleum Fuels and Related Compounds

Gasoline Fuel - CAS:8006-61-9 A mixture of volatile hydrocarbons suitable for use in spark ignition internal combustion engines. It is highly flammable, with dangerous fire and explosion risk, TLV 300 ppm.

Benzene - CAS: 71-43-2 - Component of gasoline and diesel fuels, F. P. 12_F, LEL 1.3%, Class 1B Flammable Liquid, known carcinogen, toxic by ingestion, inhalation and skin absorption, Exposure Limits NIOSH Ca 0.1 ppm, IDLH 3,000 ppm.

Toluene - CAS: 108-88-3 - Component of gasoline and diesel fuels, F. P. 40 _F, LEL 1.2%, Class 1B Flammable Liquid, toxic by ingestion, inhalation and skin absorption, Exposure Limits NIOSH/OSHA 100 ppm, IDLH 2000 ppm.

Ethylbenzene - Component of gasoline and diesel fuels, F. P. 55_ F, LEL 1.0%, Class 1B Flammable Liquid, toxic by ingestion, inhalation and skin absorption, Exposure Limits NIOSH/OSHA 100 ppm, IDLH 2000 ppm.

Xylene - CAS: 1330-20-7 - Component of gasoline and diesel fuels, toxic by ingestion, inhalation and skin absorption, F. P. 63/84/81_ F, LEL 1.0%, Class 1B Flammable Liquid, Class 1C Flammable Liquid, Exposure Limits NIOSH/OSHA 100 ppm, IDLH 1000 ppm.

Physical Hazards

Physical hazards associated with this project are moving equipment, tank inerting, hoisting tank for removal, working near excavation sidewalls, cutting metal, moving heavy objects, noise (in local proximity of machines).

C. JOB SITE SAFETY MEETINGS (TAILGATE MEETINGS)

Discussions will be held before the commencement of work each day regarding the safety procedures and equipment that will be required for that day's activities.

D. AIR and PERSONNEL MONITORING

LEL meters as needed and required during tank removals. See the attached Environmental Restoration Services General Work Site Safety Plan.

E. PERSONAL PROTECTIVE EQUIPMENT

Level D. See the attached ERS General Work Site Safety Plan.

F. CONFINED SPACE ENTRY PROCEDURES

There will be no confined space entries on this site.

G. DECONTAMINATION PROCEDURES

All excavation and cleaning equipment will be decontaminated prior to leaving the site. The mud and water will be collected and placed in drums (closed top and open top as appropriate) for on-site storage. Any PPE will similarly be place in closed top drums and left on-site. All materials, used equipment and soil and diesel, water resulting from decontamination procedures which is found to be hazardous, will be properly disposed by a licensed hazardous waste hauler.

H. SITE SECURITY

Temporary construction fencing will be provided around the excavation area. Security guards will not be posted at this site.

I. EMERGENCY PROCEDURES

The general emergency phone number for Fire, Police and Ambulance service is **911**. The ERS supervisor on-site will have a mobile telephone available for use in an emergency. The nearest Hospital is Summit Medical Center, 350 Hathorne Ave, Oakland 510 655 4000. A vicinity map, showing the fastest route to the hospital, is attached to this plan.

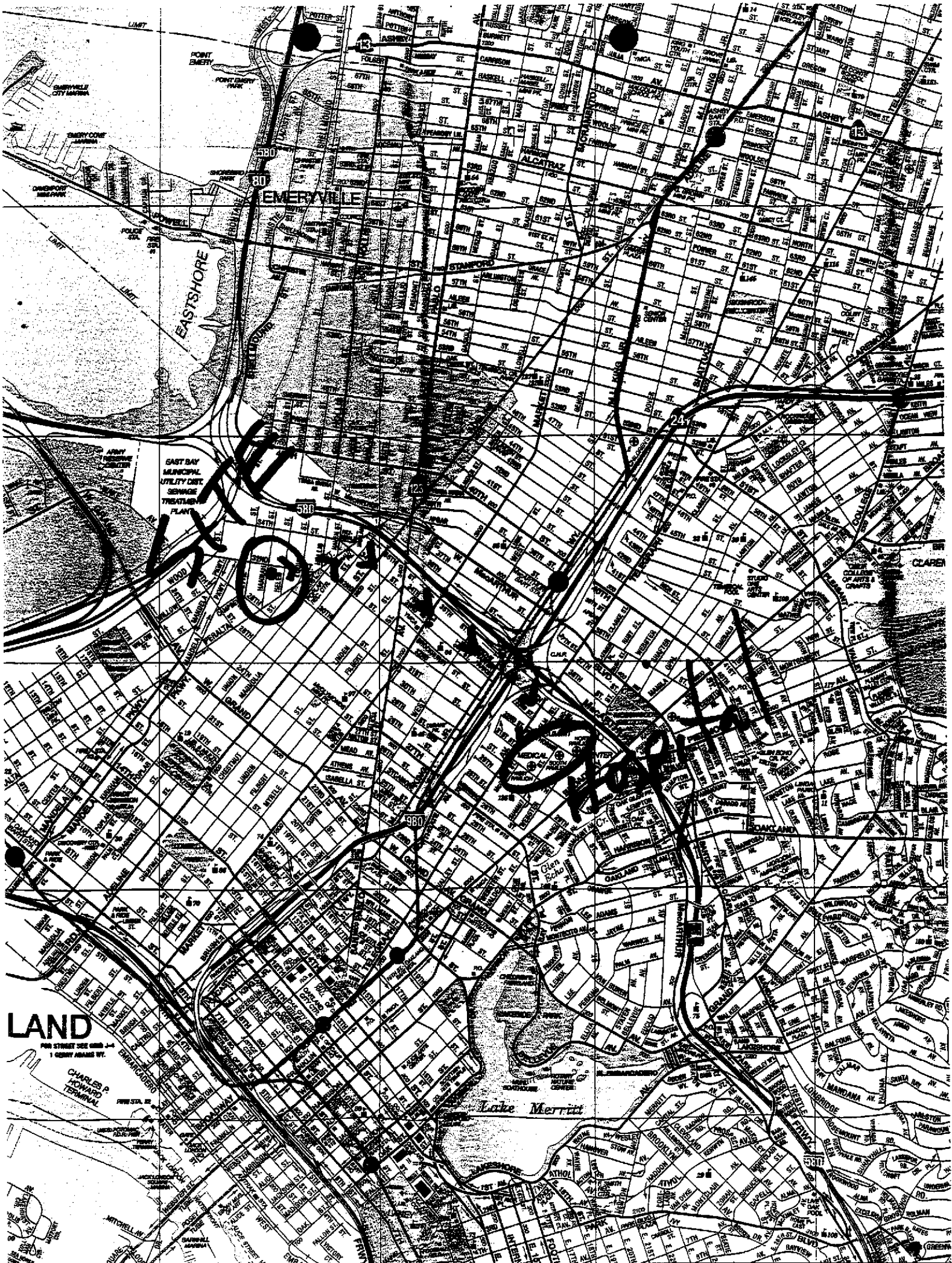
J. OSHA DOCUMENTATION

ERS has available in our office OSHA certifications for all employees and subcontractors who will be working on the site.

The undersigned below indicate by their signature's that they have read and understand the ERS General Work Site Safety Plan and the Site Specific Health and Safety Plan for Hannah & 32nd. St., Oakland and further agree that they will abide by and insure that all requirements are followed diligently.

Please sign and date your signatures.

_____	_____
_____	_____
_____	_____
_____	_____


EMERYVILLE
EASTSHORE
Lake Merritt
LAND

City of Oakland
CASH RECEIPT

Cash Receipt № 837799
837799

Cash Receipt Voucher # C R

Cash ☐
Check ☐

Payment Received from: Environmental Restoration Services

DIRECT CASH CREDITS

Item	Remarks	Fund/SF	Organization	Account	Proj/Grant/ Cost Ctr/WO	Yr	Loc	Task	Dept Specific	Fixed Asset No	Trans ID	Revenue Source	Amount
1	3812	1010	20311	45428	2								$350.00
2	3812	1740	20711	45428	P39510 2								$190.00
3													.
4													.
5													.
											SUBTOTAL		$540.00

Auxiliary Receipt Reference # _____

Explanation: Tank Removal Permit Application Fee

ACCOUNTS RECEIVABLES

Item	Description	Customer Number	Invoice Number	Amount
1	2868 Hannah Street		None	$350.00
2	2868 Hannah Street		None	$190.00
3				.
4				.
5				.
			SUBTOTAL	.
			TOTAL	$540.00

OFD - Fire Prevention Bureau
Department Collecting the Cash

4/4/2002
/ /

McC
Received by

Received by: Entered by:

Treasury Section

RRCC or Grant Fiscal Affairs

010-010-6 (7/88)

Original to Customer, Yellow to Revenue Reporting/Cash Collection or Grant Fiscal Affairs Section, Pink to Treasury Section, Goldenrod to Originating Department

also FINA Lubricants MSDS Information

Material Safety Data Sheet

TWA 5STEL, 10 mg/m³ TLV (ACGIH)
TWA: 5 mg/m³ PEL (OSHA)
TWA: 5STEL, 10mg/m³ (NIOSH)

Chevron Quenching Oil 70

MSDS: 2582 **Revision #:** 11 **Revision Date:** 11/15/2001

Click here to search the product data sheet database

Material Safety Data Sheet

24-Hour Emergency Telephone Numbers
HEALTH : Chevron Emergency Information Center (800) 231-0623 or (510) 231-0623
TRANSPORTATION : CHEMTREC (800) 424-9300 or (703) 527-3887
Emergency Information Centers are located in the U.S.A. International collect calls accepted.

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

CHEVRON Quenching Oil 70

Product Number(s): CPS233641

Company Identification
Chevron Products Company
Lubricants and Specialty Products
6001 Bollinger Canyon Rd., T3325/B10
San Ramon,CA 94583
www.chevron-lubricants.com

Product Information
MSDS Requests: (800) 414-6737
Environmental, Safety, & Health Info: (925) 842-5535
Product Information: (800) 582-3835
email : lubemsds@chevron.com

SECTION 2 COMPOSITION/ INFORMATION ON INGREDIENTS

COMPONENTS	CAS NUMBER	AMOUNT
Highly refined mineral oil	Mixture	100 %weight

SECTION 3 HAZARDS IDENTIFICATION

****

EMERGENCY OVERVIEW

Dark brown liquid with petroleum odor.

- OIL MIST MAY CAUSE RESPIRATORY IRRITATION

****

IMMEDIATE HEALTH EFFECTS

Eye: Not expected to cause prolonged or significant eye irritation. If this material is heated, thermal burns may result from eye contact.

Skin: Contact with the skin is not expected to cause prolonged or significant irritation. Contact with the skin is not expected to cause an allergic skin response. Not expected to be harmful to internal organs if absorbed through the skin. If this material is heated, thermal burns may result from skin contact.

Ingestion: Not expected to be harmful if swallowed.

Inhalation: Contains a petroleum-based mineral oil. May cause respiratory irritation or other pulmonary effects following prolonged or repeated inhalation of oil mist at airborne levels above the recommended mineral oil mist exposure limit. Symptoms of respiratory irritation may include coughing and difficulty breathing. If this material is heated, fumes may be unpleasant and produce nausea and irritation of the upper respiratory tract.

SECTION 4 FIRST AID MEASURES

Eye: No specific first aid measures are required because this material is not expected to cause eye irritation. As a precaution, remove contact lenses, if worn, and flush eyes with water. If heated material should splash into eyes, flush eyes immediately with fresh water for 15 minutes while holding the eyelids open. Remove contact lenses, if worn. Get immediate medical attention.

Skin: No specific first aid measures are required because this material is not expected to be harmful if it contacts the skin. As a precaution, remove clothing and shoes if contaminated. To remove the material from skin, use soap and water. Discard contaminated clothing and shoes or thoroughly clean before reuse. If the hot material gets on skin, quickly cool in water. See a doctor for extensive burns. Do not try to peel the solidified material from the skin or use solvents or thinners to dissolve it. The use of vegetable oil or mineral oil is recommended for removal of this material from the skin.

Ingestion: No specific first aid measures are required because this material is not expected to be harmful if swallowed. Do not induce vomiting. As a precaution, give the person a glass of water or milk to drink and get medical advice. Never give anything by mouth to an unconscious person.

Inhalation: If exposed to excessive amounts of material in air, move the exposed person to fresh air. Get medical attention if coughing or respiratory discomfort occurs.

SECTION 5 FIRE FIGHTING MEASURES

FIRE CLASSIFICATION:

OSHA Classification (29 CFR 1910.1200): Not classified by OSHA as flammable or combustible.

NFPA RATINGS: Health: 1 Flammability: 1 Reactivity: 0

FLAMMABLE PROPERTIES:

Flashpoint: (Cleveland Open Cup) 349 °F (176 C) Minimum

Autoignition: NDA

Flammability (Explosive) Limits (% by volume in air): Lower: NA Upper: NA

EXTINGUISHING MEDIA: Use water fog, foam, dry chemical or carbon dioxide (CO2) to extinguish flames.

PROTECTION OF FIRE FIGHTERS:
Fire Fighting Instructions: This material will burn although it is not easily ignited. For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus.
Combustion Products: Highly dependent on combustion conditions. A complex mixture of airborne solids, liquids, and gases including carbon monoxide, carbon dioxide, and unidentified organic compounds will be evolved when this material undergoes combustion.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Protective Measures: Eliminate all sources of ignition in vicinity of spilled material.
Spill Management: Stop the source of the release if you can do it without risk. Contain release to prevent further contamination of soil, surface water or groundwater. Clean up spill as soon as possible, observing precautions in Exposure Controls/Personal Protection. Use appropriate techniques such as applying non-combustible absorbent materials or pumping. Where feasible and appropriate, remove contaminated soil. Place contaminated materials in disposable containers and dispose of in a manner consistent with applicable regulations. If heated material is spilled, allow it to cool before proceeding with disposal methods.
Reporting: Report spills to local authorities and/or the U.S. Coast Guard's National Response Center at (800) 424-8802 as appropriate or required.

SECTION 7 HANDLING AND STORAGE

Precautionary Measures: Avoid contact of heated material with eyes, skin, and clothing. Do not breathe vapor or fumes from heated material. Do not breathe oil mist at concentrations above the recommended mineral oil mist exposure limit.
General Handling Information: Avoid contaminating soil or releasing this material into sewage and drainage systems and bodies of water.
Static Hazard: Electrostatic charge may accumulate and create a hazardous condition when handling this material. To minimize this hazard, bonding and grounding may be necessary but may not, by themselves, be sufficient. Review all operations which have the potential of generating an accumulation of electrostatic charge and/or a flammable atmosphere (including tank and container filling, splash filling, tank cleaning, sampling, gauging, switch loading, filtering, mixing, agitation, and vacuum truck operations) and use appropriate mitigating procedures. For more information, refer to OSHA Standard 29 CFR 1910.106, 'Flammable and Combustible Liquids', National Fire Protection Association (NFPA 77, 'Recommended Practice on Static Electricity', and/or the American Petroleum Institute (API) Recommended Practice 2003, 'Protection Against Ignitions Arising Out of Static, Lightning, and Stray Currents'.
Container Warnings: Container is not designed to contain pressure. Do not use pressure to empty container or it may rupture with explosive force. Empty containers retain product residue (solid, liquid, and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. They may explode and cause injury or death. Empty containers should be completely drained, properly closed, and promptly returned to a drum reconditioner or disposed of properly.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

GENERAL CONSIDERATIONS:
Consider the potential hazards of this material (see Section 3), applicable exposure limits, job activities, and other substances in the work place when designing engineering controls and selecting personal protective equipment. If engineering controls or work practices are not adequate to prevent exposure to harmful levels of this material, the personal protective equipment listed below is recommended. The user should read and understand all instructions and limitations supplied with the equipment since protection is usually provided for a limited time or under certain circumstances.

ENGINEERING CONTROLS:

Use in a well-ventilated area. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below the recommended exposure limits.

PERSONAL PROTECTIVE EQUIPMENT

Eye/Face Protection: No special eye protection is normally required. Where splashing is possible, wear safety glasses with side shields as a good safety practice. If this material is heated, wear chemical goggles or safety glasses or a face shield.

Skin Protection: No special protective clothing is normally required. Where splashing is possible, select protective clothing depending on operations conducted, physical requirements and other substances. Suggested materials for protective gloves include: Nitrile Rubber, Silver Shield, Viton If this material is heated, wear insulated clothing to prevent skin contact if engineering controls or work practices are not adequate to prevent skin contact.

Respiratory Protection: No respiratory protection is normally required.

If user operations generate an oil mist, determine if airborne concentrations are below the OSHA Permissible Exposure Limit (PEL) of 5 mg/m3 for mineral oil mist. If not, wear a NIOSH approved respirator that provides adequate protection from the measured concentrations of this material. For air-purifying respirators use a particulate cartridge.

Use a positive pressure, air-supplying respirator if there is potential for uncontrolled release, exposure levels are not known, or other circumstances where air-purifying respirators may not provide adequate protection.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: Dark brown liquid with petroleum odor.
pH: NA
Vapor Pressure: <0.01 mmHg @ 100 °F
Vapor Density (Air = 1): >1
Boiling Point: >500 °F (>260 C)
Solubility: Soluble in hydrocarbons; insoluble in water
Freezing Point: NA
Melting Point: NA
Specific Gravity: 0.86 @ 15.6 °C / 15.6 °C
Viscosity: 13.8 cSt @ 40 °C Minimum

SECTION 10 STABILITY AND REACTIVITY

Chemical Stability: This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

Incompatibility With Other Materials: May react with strong oxidizing agents, such as chlorates, nitrates, peroxides, etc.

Hazardous Decomposition Products: None known (None expected)

Hazardous Polymerization: Hazardous polymerization will not occur.

SECTION 11 TOXICOLOGICAL INFORMATION

IMMEDIATE HEALTH EFFECTS

Eye Irritation: The eye irritation hazard is based on evaluation of data for similar materials or product components.

Skin Irritation: The skin irritation hazard is based on evaluation of data for similar materials or product components.

Skin Sensitization: The skin sensitization hazard is based on evaluation of data for similar materials or product components.

Acute Dermal Toxicity: The acute dermal toxicity hazard is based on evaluation of data for similar materials or product components.

Acute Oral Toxicity: The acute oral toxicity hazard is based on evaluation of data for similar materials or

product components.
Acute Inhalation Toxicity: The acute inhalation toxicity hazard is based on evaluation of data for similar materials or product components.

ADDITIONAL TOXICOLOGY INFORMATION:
This product contains petroleum base oils which may be refined by various processes including severe solvent extraction, severe hydrocracking, or severe hydrotreating. None of the oils requires a cancer warning under the OSHA Hazard Communication Standard (29 CFR 1910.1200). These oils have not been listed in the National Toxicology Program (NTP) Annual Report nor have they been classified by the International Agency for Research on Cancer (IARC) as; carcinogenic to humans (Group 1), probably carcinogenic to humans (Group 2A), or possibly carcinogenic to humans (Group 2B).

SECTION 12 ECOLOGICAL INFORMATION

ECOTOXICITY
This material is not expected to be harmful to aquatic organisms.

ENVIRONMENTAL FATE
Ready Biodegradability:
This material is not expected to be readily biodegradable.

SECTION 13 DISPOSAL CONSIDERATIONS

Oil collection services are available for used oil recycling or disposal. Place contaminated materials in containers and dispose of in a manner consistent with applicable regulations. Contact your sales representative or local environmental or health authorities for approved disposal or recycling methods.

SECTION 14 TRANSPORT INFORMATION

The description shown may not apply to all shipping situations. Consult 49CFR, or appropriate Dangerous Goods Regulations, for additional description requirements (e.g., technical name) and mode-specific or quantity-specific shipping requirements.

DOT Shipping Name: NOT REGULATED AS A HAZARDOUS MATERIAL FOR TRANSPORTATION
DOT Hazard Class: NOT APPLICABLE
DOT Identification Number: NOT APPLICABLE
DOT Packing Group: NOT APPLICABLE
Additional Information: NOT HAZARDOUS BY U.S. DOT. ADR/RID HAZARD CLASS NOT APPLICABLE.

SECTION 15 REGULATORY INFORMATION

SARA 311/312 CATEGORIES:

1. Immediate (Acute) Health Effects: NO
2. Delayed (Chronic) Health Effects: NO
3. Fire Hazard: NO
4. Sudden Release of Pressure Hazard: NO
5. Reactivity Hazard: NO

REGULATORY LISTS SEARCHED:

4A=IARC Group 1	12=TSCA Section 8(a) PAIR	21=TSCA Section 5(a)
4B=IARC Group 2A	13=TSCA Section 8(d)	25=CAA Section 112 HAPs
4C=IARC Group 2B	15=SARA Section 313	26=CWA Section 311
05=NTP Carcinogen	16=CA Proposition 65	28=CWA Section 307
06=OSHA Carcinogen	17=MA RTK	30=RCRA Waste P-List
09=TSCA 12(b)	18=NJ RTK	31=RCRA Waste U-List
10=TSCA Section 4	19=DOT Marine Pollutant	32=RCRA Appendix VIII
11=TSCA Section 8(a) CAIR	20=PA RTK	

No components of this material were found on the regulatory lists above.

CHEMICAL INVENTORIES:
AUSTRALIA: All the components of this material are listed on the Australian Inventory of Chemical Substances (AICS).
CANADA: All the components of this material are on the Canadian Domestic Substances List (DSL).
EUROPEAN UNION: All the components of this material are in compliance with the EU Seventh Amendment Directive 92/32/EEC.
PHILIPPINES: All the components of this product are listed on the Philippine Inventory of Chemicals and Chemical Substances (PICCS).
UNITED STATES: All of the components of this material are on the Toxic Substances Control Act (TSCA) Chemical Inventory.
NEW JERSEY RTK CLASSIFICATION:
Under the New Jersey Right-to-Know Act L. 1983 Chapter 315 N.J.S.A.34:5A-1 et. seq., the product is to be identified as follows:
PETROLEUM OIL
WHMIS CLASSIFICATION:
This product is not considered a controlled product according to the criteria of the Canadian Controlled Products Regulations.

SECTION 16 OTHER INFORMATION

NFPA RATINGS: Health: 1 Flammability: 1 Reactivity: 0
HMIS RATINGS: Health: 1 Flammability: 1 Reactivity: 0

(0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme, PPE:- Personal Protection Equipment Index recommendation, *- Chronic Effect Indicator). These values are obtained using the guidelines or published evaluations prepared by the National Fire Protection Association (NFPA) or the National Paint and Coating Association (for HMIS ratings).

REVISION STATEMENT: This revision updates Section 3 (Hazards Identification) and Section 4 (First Aid Measures).

ABBREVIATIONS THAT MAY HAVE BEEN USED IN THIS DOCUMENT:

TLV	-	Threshold Limit Value	TWA	-	Time Weighted Average
STEL	-	Short-term Exposure Limit	PEL	-	Permissible Exposure Limit
			CAS	-	Chemical Abstract Service Number
NDA	-	No Data Available	NA	-	Not Applicable
<=	-	Less Than or Equal To	>=	-	Greater Than or Equal To

Prepared according to the OSHA Hazard Communication Standard (29 CFR 1910.1200) and the ANSI MSDS Standard (Z400.1).

The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.