

R0234

Wickham, Jerry, Env. Health

To: Jeremiah Puget

Subject: RE: Rinehart Oakland Truck Stop, 1107 Fifth Street, Oakland, CA

Jeremiah,

I missed that statement in the 8/14/07 report, thanks for the clarification. My comment was based on the last bullet conclusion in the 8/10/07 quarterly groundwater monitoring report, which indicated that the unit was not on line. Since the north unit ozone wells are back on line, you can ignore the request in my letter for notification regarding the unit being brought back on line.

Regards,

Jerry Wickham

Alameda County Environmental Health

1131 Harbor Bay Parkway

Alameda, CA 94502-6577

510-567-6791 phone

510-337-9335 fax

jerry.wickham@acgov.org

From: Jeremiah Puget [mailto:jpuget@advgeoenv.com]

Sent: Thursday, September 06, 2007 2:32 PM

To: Wickham, Jerry, Env. Health

Subject: Rinehart Oakland Truck Stop, 1107 Fifth Street, Oakland, CA

Jerry,

Good day. Thanks for replying to our work plan addendum so quickly. Based on your letter dated 31 August 2007 it appears that you received the Soil Excavation and Ozone Well Destruction/RE-Installation Report, dated 14 August 2007. In the letter you request a technical report documenting the North Unit Ozone Wells Online.

This is from section 3.6. of the above reference report

3.6. OZONE SPARGING REMEDIATION

In-situ chemical oxidation (ozone injection) operation began at the site on 24 September 2005. From September 2005 to July 2007 the systems injected ozone for a ½-hour duration into two ozone injection points at a time.

A total of ten ozone injection wells, in conjunction with the south unit, have been on-line throughout the majority of the Second Quarter 2007. The north unit has been shut down since 13 March 2007 due to the destruction of ozone wells OZ6, OZ7, OZ10, OZ16, and OZ17; however, the north unit was brought back on-line 27 July 2007 subsequent to re-plumbing the recently installed ozone injection points. Both the north and south unit systems currently inject ozone for a 1-hour duration into one ozone injection points at a time.

Sorry if it is not written clearly but the wells and north system were brought on-line and have been working since 27 July 2007.

Is this the information you were requesting or have I misinterpreted you request?

9/7/2007

Regards,

Jeremiah Puget
Advanced GeoEnvironmental, Inc.
2318 Fourth Street, Santa Rosa, CA 95404
Phone: (707) 570-1418 / Fax: (707) 570-1461
jpuget@advgeoenv.com
www.advgeoenv.com

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9/7/2007

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



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ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
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(510) 567-6700
FAX (510) 337-9335

August 31, 2007

Mr. Reed Rinehart
Rinehart Oil, Inc.
2401 North State Street
Ukiah, CA 95482

Subject: Fuel Leak Case No. RO0000234 and Geotracker Global ID T0600102136, Rino Pacific/Oakland Truck Stop, 1107 5th Street, Oakland, CA 94607

Dear Mr. Rinehart:

Alameda County Environmental Health (ACEH) staff has reviewed the fuel leak case file for the above referenced site including the recently submitted reports entitled, "Additional Soil Boring Work Plan - Addendum," dated August 8, 2007, "Soil Excavation and Ozone Well Destruction/Re-Installation Report," dated August 14, 2007, and "Quarterly Report - Second Quarter 2007," dated August 10, 2007. All reports were prepared on behalf of Rinehart Oil, Inc. by Advanced GeoEnvironmental, Inc. The "Additional Soil Boring Work Plan - Addendum," proposes modifications to the proposed methods for advancing and sampling two soil borings east of the site and one soil boring northwest of the site. The proposed modifications, which consist primarily of the use of cone penetrometer testing (CPT) instead of continuous soil sampling, are approved. Please present the results from the soil borings and the installation of wells MW-15 and MW-16 in the Site Investigation Report requested below.

The "Soil Excavation and Ozone Well Destruction/Re-Installation Report," presents the results from destruction of five ozone injection wells, excavation of approximately 367 cubic yards of soil in the area of an existing truck scale, confirmation soil sampling following excavation, and re-installation of the five ozone injection wells. The soil sampling results from the excavation indicate that elevated concentrations of petroleum hydrocarbons and MTBE are present in the eastern end of the excavation adjacent to the location of the former USTs.

The "Quarterly Report - Second Quarter 2007," dated August 10, 2007, presents groundwater sampling results for samples collected from existing monitoring wells on May 29, 2007 and also presents information on the operation and maintenance of the ozone sparging system. Quarterly groundwater monitoring and ozone injection are to be continued for the site. The north unit of ozone injection wells has been shut down since March 13, 2007. The north unit, including the re-installed ozone injection wells, must be brought back on line no later than September 30, 2007. Please present quarterly groundwater monitoring results and information regarding the operation and maintenance of the ozone injection system in the Quarterly Monitoring Reports requested below.

TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Mr. Jerry Wickham), according to the following schedule:

- **September 30, 2007** – North Unit of Ozone Injection Wells On Line
- **January 8, 2008** – Site Investigation Report
- **45 days following the end of each quarter** - Quarterly Monitoring and Interim Remediation System Operations and Maintenance Report

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

ELECTRONIC SUBMITTAL OF REPORTS

The Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program ftp site are provided on the attached "Electronic Report Upload (ftp) Instructions." Please do not submit reports as attachments to electronic mail.

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

PERJURY STATEMENT

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

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

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

UNDERGROUND STORAGE TANK CLEANUP FUND

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

AGENCY OVERSIGHT

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

If you have any questions, please call me at (510) 567-6791.

Sincerely,



Jerry Wickham, P.G.
Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Sunil Ramdass
SWRCB Cleanup Fund
1001 I Street, 17th floor
Sacramento, CA 95814-2828

Jeremiah Puget
Advanced GeoEnvironmental, Inc.
837 Shaw Road
Stockton, CA 95215

Donna Drogos, ACEH
Jerry Wickham, ACEH
File

R0234

Wickham, Jerry, Env. Health

To: Jeremiah Puget
Subject: RE: Rinehart Oakland Truck Stop

Jeremiah,

Once you submit the Work Plan Addendum, I will provide an extended date for submittal of a Site Investigation Report.

Regards,
Jerry Wickham
Alameda County Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
510-567-6791 phone
510-337-9335 fax
jerry.wickham@acgov.org

From: Jeremiah Puget [mailto:jpuget@advgeoenv.com]
Sent: Wednesday, July 25, 2007 2:57 PM
To: Wickham, Jerry, Env. Health
Subject: Rinehart Oakland Truck Stop

Jerry,

Regarding the site located at 1107 5th Street in Oakland, CA.

Last week we completed the re-installation of the ozone sparge points that were destroyed during the scale upgrades. To answer your question from the previous time we talked, yes confirmation sampling was conducted and it will be reported along with the ozone reinstallation activities by August 24th.

In regards to the additional site investigation report which is also due August 24th, I would like to bring a few points to your attention. Obtaining the encroachment permit from the City of Oakland has encountered a few setbacks in regards to proper notarization. In addition, the City of Oakland has now informed us that this permit will not cover the additional borings proposed in the parking area of 5th street and that separate excavation and obstruction permits will need to be obtained. Therefore, I am still actively working on obtaining the proper permits to complete the investigation.

As we previously discussed, I would rather see a CPT investigation on the Eastern portion of the site, and plan on sending you an addendum to the plan. Ideally, I would like to mobilize two crews: one CPT crew for the borings; and one limited access (auger rig) for the well installation. This way all the investigation activities will be conducted all at once.

My question is then, should I apply for an extension of the additional investigation report now, or will you issue a new due date after you review the work plan addendum?

I wanted to give you a heads up since the work plan won't be submitted for a few more weeks.

Regards,

Jeremiah Puget

7/26/2007

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



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ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
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(510) 567-6700
FAX (510) 337-9335

February 28, 2007

Mr. Reed Rinehart
Rinehart Oil, Inc.
2401 North State Street
Ukiah, CA 95482

Subject: Fuel Leak Case No. RO0000234 and Geotracker Global ID T0600102136, Rino Pacific/Oakland Truck Stop, 1107 5th Street, Oakland, CA 94607

Dear Mr. Rinehart:

Alameda County Environmental Health (ACEH) staff has reviewed the fuel leak case file for the subject site and the reports entitled, "Soil Boring Report Addendum," dated January 29, 2007, "Soil Excavation and Ozone Well Destruction/Re-Installation Work Plan," dated February 21, 2007, "Quarterly Report – Fourth Quarter 2006," dated February 23, 2007, and "Additional Soil Boring Work Plan," dated February 26, 2007. All of the reports were prepared on behalf of Rinehart Oil, Inc. by Advanced GeoEnvironmental, Inc. The "Soil Boring Report Addendum," dated January 29, 2007 clarifies the methods used for collection of grab groundwater samples from borings P1 through P5. No comments or responses are required regarding the "Soil Boring Report Addendum."

The "Soil Excavation and Ozone Well Destruction/Re-Installation Work Plan," dated February 21, 2007, proposes the destruction of five ozone injection wells, excavation of approximately 240 cubic yards of soil in the area of an existing truck scale, confirmation soil sampling following excavation, and re-installation of five ozone injection wells. The proposed scope of work is acceptable as presented. Please present the results from the ozone injection well destruction, soil excavation and confirmation sampling, and re-installation of the ozone injection wells in the Soil Excavation and Ozone System Re-installation Report requested below.

The "Quarterly Report – Fourth Quarter 2006," dated February 23, 2007, presents groundwater sampling results for samples collected from existing monitoring wells on December 4, 2006 and also presents information on the operation and maintenance of the ozone sparging system. Quarterly groundwater monitoring and ozone injection are to be continued for the site. Please present quarterly groundwater monitoring results and information regarding the operation and maintenance of the ozone injection system in the Quarterly Monitoring Reports requested below.

The "Additional Soil Boring Work Plan," dated February 26, 2007 presents plans for the advancement of two paired soil borings in the eastern portion of the site and one paired soil boring west of Adeline Street. The Work Plan also includes a schedule for the installation of monitoring wells MW-15 and MW-16 and two soil borings south of the site near Adeline Street. The proposed scope of work and schedules are acceptable. Please present the results in the Site Investigation Report requested below.

TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Mr. Jerry Wickham), according to the following schedule:

- **July 27, 2007** – Soil Excavation and Ozone System Re-installation Report
- **August 24, 2007** – Site Investigation Report
- **45 days following the end of each quarter** - Quarterly Monitoring and Interim Remediation System Operations and Maintenance Report

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

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PERJURY STATEMENT

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

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

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

UNDERGROUND STORAGE TANK CLEANUP FUND

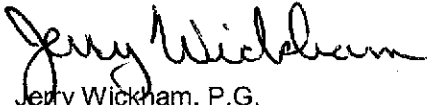
Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

AGENCY OVERSIGHT

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If you have any questions, please call me at (510) 567-6791.

Sincerely,



Jerry Wickham, P.G.
Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Sunil Ramdass
SWRCB Cleanup Fund
1001 I Street, 17th floor
Sacramento, CA 95814-2828

Jo'l Chapman
Advanced GeoEnvironmental, Inc.
837 Shaw Road
Stockton, CA 95215

Donna Drogos, ACEH
Jerry Wickham, ACEH
File

R0234

Wickham, Jerry, Env. Health

To: jchapman@advgeoenv.com

Subject: RE: 1107 5th St., Oakland QM

Jo'l,

Your schedule is fine. I will not be coming to the site.

Regards,

Jerry Wickham

Alameda County Environmental Health

1131 Harbor Bay Parkway

Alameda, CA 94502-6577

510-567-6791 phone

510-337-9335 fax

jerry.wickham@acgov.org

From: Jo'l Chapman [mailto:jchapman@advgeoenv.com]

Sent: Tuesday, February 27, 2007 8:24 AM

To: Wickham, Jerry, Env. Health

Subject: 1107 5th St., Oakland QM

Jerry,

The Oakland Truck Stop QM, originally scheduled for March 2nd, had to be re-scheduled for tomorrow, February 28th at 8:00 AM. Will this be OK with you? I know it is a short notice.

Let me know if you'd like me to push it back, and I'll see what I can work out with the techs.

Thanks,

Jo'l M. Chapman

Advanced GeoEnvironmental, Inc.

837 Shaw Road

Stockton, CA 95215

Tel: (209) 467-1006

Fax: (209) 467-1118

jchapman@advgeoenv.com

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2/27/2007

R0234

Wickham, Jerry, Env. Health

From: Jo'l Chapman [jchapman@advgeoenv.com]
Sent: Monday, February 19, 2007 8:13 AM
To: Wickham, Jerry, Env. Health
Subject: Oakland Truck Stop

Good morning,

Bob and I have been corresponding with CAT Scales regarding installation of the new truck scale at the Oakland Truck Stop site (1107 5th St., Oakland). The plan that CAT has involves disturbing (destroying) at least 5 of the existing ozone injection wells, as well as the replacement of several other surface boxes. In addition, they (CAT) plan to excavate some soil surrounding the existing scale. The lessees of the property and CAT Scales would like to start their work ASAP.

I just wanted to let you know that, within the next few days, I will be sending you a work plan for the destruction and re-installation of the five ozone wells, and will include in it the excavation that CAT will be doing as part of the new scale installation. Bob has already worked out a cost proposal for CAT, who will be paying for all expenses related to the ozone well destructions and re-installations. As of today, our goal is to complete the well destructions in the week of March 13th.

If you have any questions or comments, please feel free to contact me.

Regards,

Jo'l M. Chapman
Advanced GeoEnvironmental, Inc.
837 Shaw Road
Stockton, CA 95215
Tel: (209) 467-1006
Fax: (209) 467-1118
jchapman@advgeoenv.com

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2/20/2007

Wickham, Jerry, Env. Health

To: jchapman@advgeoenv.com

Subject: RE: Rinehart Oakland Truck Stop

Thanks for the update.

Jerry Wickham

Alameda County Environmental Health

1131 Harbor Bay Parkway

Alameda, CA 94502-6577

510-567-6791 phone

510-337-9335 fax

jerry.wickham@acgov.org

From: Jo'l Chapman [mailto:jchapman@advgeoenv.com]

Sent: Tuesday, February 06, 2007 9:05 AM

To: Wickham, Jerry, Env. Health

Subject: Rinehart Oakland Truck Stop

Good morning,

I just wanted to send you a quick update on the status of the site located at 1107 5th St., Oakland.

1) A survey of all monitoring wells was conducted last week and I should receive the survey report this week. The fourth quarterly report for 2006 will include the new data. We'll see what, if any, effect it has on the ground water gradient.

2) After a lengthy consultation with the City of Oakland, BART, and Bob Marty, I will be re-submitting an encroachment permit application for the wells proposed on the north side of 5th Street. According to the City of Oakland's map illustrating various right-of-ways of that area, if I move the wells slightly northward, they will be out of BART's jurisdiction and Oakland can issue me an encroachment permit. I will keep you updated on my correspondence regarding this.

3) We still have two GeoProbe soil borings proposed to be advanced in front of the former Oliver's Hof Brau (360 Adeline St., Oakland). Bob was able to obtain an address for the property owner and an access agreement was mailed to him, but we have had no response. I am hesitant, however, to move the borings into the sidewalk area adjacent to the property due to high traffic and underground utilities.

4) The requested work plan and field work schedule is currently being written and will be submitted by the February 27th deadline.

If you have any questions or need additional information, please contact me.

Regards,

Jo'l M. Chapman

Advanced GeoEnvironmental, Inc.

837 Shaw Road

Stockton, CA 95215

Tel: (209) 467-1006

2/6/2007

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



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ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
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(510) 567-6700
FAX (510) 337-9335

December 14, 2006

Mr. Reed Rinehart
Rinehart Oil, Inc.
2401 North State Street
Ukiah, CA 95482

Subject: Fuel Leak Case No. [REDACTED] Rino Pacific/Oakland Truck Stop, 1107 5th Street,
Oakland, CA

Dear Mr. Rinehart:

Alameda County Environmental Health (ACEH) staff has reviewed the fuel leak case file for the subject site and the reports entitled, "Soil Boring Report," dated November 2, 2006 and "Quarterly Report – Third Quarter 2006," dated October 27, 2006. Both reports were prepared on behalf of Rinehart Oil, Inc. by Advanced GeoEnvironmental, Inc. The Soil Boring Report presents soil and groundwater sampling results from seven soil borings advanced at the site in July 2006. Two proposed soil borings along Adeline Street were not advanced pending completion of an access agreement with the property owner to the south. Two monitoring wells proposed along the BART right-of-way on the north side of 5th Street were also not installed pending completion of an access agreement.

Continuous logging of the seven completed borings provided identification of a clay layer that may limit vertical contaminant migration in the western portion of the site. The vertical extent of contamination is not defined in the eastern portion of the site where the clay layer is absent. The Soil Boring Report recommends installation of one monitoring well to confirm the detection of dissolved TPH and MTBE at depth. Please see technical comment 1 below regarding delineation of soil and groundwater contamination in the eastern portion of the site. We request that you **submit a Work Plan by February 28, 2007** to delineate the vertical extent of contamination in the eastern portion of the site.

We request that you address the following technical comments, perform the proposed work, and send us the reports described below.

TECHNICAL COMMENTS

1. **Grab Groundwater Sampling Procedures.** The September 29, 2005 Work Plan proposed the collection of grab groundwater samples with a HydroPunch sampling device. However, section 4.1.2 of the Soil Boring Report indicates that groundwater samples were collected from borings P1 through P5 by lowering a steel hand bailer through the augers after drilling to the specified zones. This method is not consistent with the proposed procedures in the "Additional Site Assessment Work Plan," dated September 29, 2005 or the technical comments on the Work Plan provided in our October 26, 2005 correspondence. Sampling through the augers increases the potential for cross-contamination of water-bearing layers and depth-discrete grab groundwater samples, resulting in compromised data quality. All

future grab groundwater sampling must be performed by methods that will prevent cross-contamination of water-bearing layers. No grab groundwater samples were collected near the water table from borings P2 and P3, which is also inconsistent with the September 29, 2005 Work Plan and our October 26, 2005 technical comments. Field activities must be completed as proposed in work plans and conditional technical comments.

2. **Vertical Extent of Contamination in the Eastern Portion of Site.** We concur with the conclusion in the Soil Boring Report that the vertical extent of contamination has not been defined in the eastern portion of the site. The Soil Boring Report recommends the installation of one monitoring well to confirm the detection of TPH and MTBE in boring P1. We request that you advance a minimum of two additional soil borings with soil and depth-discrete groundwater sampling in order to define the extent of contamination below 30 feet bgs prior to monitoring well installation in the eastern portion of the site. The soil borings are to be advanced to a minimum of 50 feet bgs. Please present plans in the Work Plan requested below to advance a minimum of two soil borings and collect grab groundwater samples from multiple, discrete depths using methods that will prevent cross-contamination of water-bearing zones as discussed in technical comment 1 above. Monitoring wells are to be installed at locations and depths that are based on results from the soil borings in the eastern portion of the site.
3. **Schedule for Installation of Proposed Monitoring Wells MW-15 and MW-16 and Soil Borings Along Adeline Street.** Please provide a schedule in the Work Plan requested below for completion of the access agreements and installation of monitoring wells MW-15 and MW-16 and the two proposed soil borings along Adeline Street.
4. **Variability in Analytical Data.** Major differences in analytical results between quarterly sampling events are apparent for several wells. As an example, please review the historical monitoring results for well MW-5. Tert-butyl alcohol was not detected with a reporting limit of 10 micrograms per liter ($\mu\text{g/L}$) during the 01/09/04 and 04/14/04 sampling events but was detected at a concentration of 15,000 $\mu\text{g/L}$ during the 07/21/04 sampling event. Please identify any site activities or differences in sampling or analytical methods, which may have contributed to the significant differences in sampling results that are apparent in several wells. Please present your response in the Work Plan requested below.
5. **Plume Extent to the Northwest.** Elevated concentrations of dissolved TPH were detected in the grab groundwater sample collected from sampling location P7, which is located at the northwestern corner of the property. In order to define the extent of contamination to the west and northwest, please propose in the Work Plan requested below, sampling locations west and/or northwest of Adeline Street to define the lateral extent of contamination.
6. **Surveying for Wells MW-12 through MW-14.** No casing elevations have been presented in previous reports for monitoring wells MW-12 through MW-14. Water level elevations from these wells have not been used to help evaluate the hydraulic gradient for the site. Given the apparent anomalous hydraulic gradient at the site, as was previously discussed in ACEH's June 30, 2005 correspondence, the incorporation of all water level data is necessary for the site. Please survey all existing and proposed wells as necessary to provide accurate water level elevations throughout the site.

7. **Interim Groundwater Remediation.** Only half of the sparge injection points appear to be operational as discussed in the Quarterly Report. Please complete repairs to the southern unit and continue operation of the system. We request that the Quarterly Reports provide more detailed information regarding the operation and maintenance of the ozone system. In order to help evaluate the effectiveness of the system, please provide a table that summarizes the operation of the system. The table is to be updated each quarter to cumulatively summarize system operations. Specific dates indicating when each system was on-line or off-line and the reason the system was off-line are to be added to each Quarterly Report. Other relevant operational parameters affecting system performance are also to be included on the table.
8. **Groundwater Monitoring.** Quarterly groundwater monitoring is required for this site. Please continue quarterly groundwater monitoring and submit the results in quarterly groundwater monitoring reports requested below.

TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Mr. Jerry Wickham), according to the following schedule:

- **February 28, 2007 – Work Plan**
- **45 days following the end of each quarter - Quarterly Monitoring and Interim Remediation System Report**

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

ELECTRONIC SUBMITTAL OF REPORTS

The Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program ftp site are provided on the attached "Electronic Report Upload (ftp) Instructions." Please do not submit reports as attachments to electronic mail.

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required in Geotracker (in PDF format). Please visit the SWRCB website for more information on these requirements (http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting).

PERJURY STATEMENT

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

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

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

UNDERGROUND STORAGE TANK CLEANUP FUND

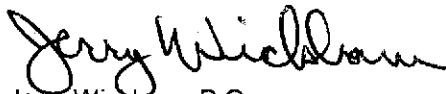
Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

AGENCY OVERSIGHT

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If you have any questions, please call me at (510) 567-6791.

Sincerely,



Jerry Wickham, P.G.
Hazardous Materials Specialist

Reed Rinehart
December 14, 2006
Page 5

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Sunil Ramdass
SWRCB Cleanup Fund
1001 I Street, 17th floor
Sacramento, CA 95814-2828

Jo'l Chapman
Advanced GeoEnvironmental, Inc.
837 Shaw Road
Stockton, CA 95215

Donna Drogos, ACEH
Jerry Wickham, ACEH
File

R0234

Wickham, Jerry, Env. Health

From: Jo'l Chapman [jchapman@advgeoenv.com]
Sent: Monday, August 14, 2006 11:25 AM
To: Wickham, Jerry, Env. Health
Subject: Oakland Truck Stop Field Work Update

Hello, Jerry,

Just a quick update on the Oakland Truck Stop site (1107 5th Street, Oakland):

July 5, 6, & 7 - Advanced 5 on-site soil borings to 40' bsg. The borings were continuously cored using a CME-55 HT w/ 8.25" HS augers. Soil samples were collected and analyzed. Grab ground water samples were collected from separate borings advanced adjacent to each initial boring.

July 18 - Advanced 2 on-site soil borings to 20' bsg near the Adeline St. utility corridor. The borings were continuously cored using a Geoprobe 5400 direct-push rig. Soil samples were collected and analyzed. A grab ground water sample was collected from each boring at total depth.

An encroachment permit application was mailed to the City of Oakland on July 14th for the two shallow monitoring wells to be installed on the north side of 5th street; I have not yet had any response.

Regards,

Jo'l M. Chapman
Advanced GeoEnvironmental, Inc.
837 Shaw Road
Stockton, CA 95215
Tel: (209) 467-1006
Fax: (209) 467-1118
jchapman@advgeoenv.com

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8/15/2006

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 10, 2006

Reed Rinehart
Rinehart Oil, Inc.
2401 North State Street
Ukiah, CA 95482

Subject: Fuel Leak Case No. RO000234, Rino Pacific/Oakland Truck Stop, 1107 5th Street, Oakland, CA

Dear Mr. Rinehart:

Alameda County Environmental Health (ACEH) staff has received a hard copy of a report entitled, "Quarterly Report – First Quarter 2006," for the above-referenced site dated June 8, 2006, prepared on your behalf by Advanced GeoEnvironmental, Inc. This report was received by ACEH on June 14, 2006. Please note that effective January 31, 2006, the Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Hard copies of reports are no longer accepted. **Therefore, please upload the "Quarterly Report – First Quarter 2006," dated June 8, 2006, and all future reports to the Alameda County FTP site** as outlined in the following discussion of "Electronic Submittal of Reports," and the enclosed, "Electronic Report Upload (ftp) Instructions."

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PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

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UNDERGROUND STORAGE TANK CLEANUP FUND

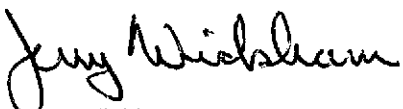
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AGENCY OVERSIGHT

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If you have any questions, please call me at (510) 567-6791.

Sincerely,



Jerry Wickham
Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

Reed Rinehart
July 10, 2006
Page 3

cc: Jo'l Chapman
Advanced GeoEnvironmental, Inc.
837 Shaw Road
Stockton, CA 95215

Donna Drogos, ACEH
Jerry Wickham, ACEH
File

RD 234

Wickham, Jerry, Env. Health

From: Jo'l Chapman [jchapman@advgeoenv.com]
Sent: Thursday, June 29, 2006 8:17 AM
To: Wickham, Jerry, Env. Health
Subject: Oakland Truck Stop field work update II

Hello,

I have scheduled two of the four proposed 20-foot Geoprobe soil borings, located on-site at 1107 5th Street in Oakland, for July 18th.

The remaining two Geoprobe borings are located south of the site on a property for which we have not yet received an access agreement. Those borings are on hold for now.

Regards,

Jo'l M. Chapman
Advanced GeoEnvironmental, Inc.
837 Shaw Road
Stockton, CA 95215
Tel: (209) 467-1006
Fax: (209) 467-1118
jchapman@advgeoenv.com

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6/29/2006

Wickham, Jerry, Env. Health

From: Jo'l Chapman [jchapman@advgeoenv.com]
Sent: Thursday, June 22, 2006 10:48 AM
To: Wickham, Jerry, Env. Health
Subject: Oakland Truck Stop field work update

Mr. Wickham,

Just a quick update on the status of field work at Oakland Truck Stop (1107 5th Street):

- 1) Installation of the monitoring wells on the north side of 5th Street has been postponed pending the approval of an encroachment permit from the City of Oakland. As soon as I receive the permit, I will schedule a drill date.
- 2) The 5, 40-foot on-site soil borings have been scheduled for July 5, 6, and 7 using hollow stem augers.
- 3) The 4, 20-foot soil borings proposed near the east Adeline Street sidewalk will still be advanced with a Geoprobe rig. I am currently working out a drill date with our Geoprobe operator.

I'll notify you when I get more work scheduled.

Jo'l M. Chapman
Advanced GeoEnvironmental, Inc.
837 Shaw Road
Stockton, CA 95215
Tel: (209) 467-1006
Fax: (209) 467-1118
jchapman@advgeoenv.com

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6/22/2006

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

June 1, 2006

Reed Rinehart
Rinehart Oil, Inc.
2401 North State Street
Ukiah, CA 95482

Subject: Fuel Leak Case No. [REDACTED], Rino Pacific/Oakland Truck Stop, 1107 5th Street, Oakland, CA

Dear Mr. Rinehart:

Alameda County Environmental Health (ACEH) staff previously requested in correspondence dated October 26, 2005 (attached) that you complete the soil and groundwater investigation that was proposed in a Work Plan dated September 29, 2005. Results of the soil and groundwater investigation were to have been submitted to ACEH by March 15, 2006. To date, we have not received a Soil and Groundwater Investigation Report or a request for a schedule extension.

Your Soil and Groundwater Investigation Report is late, and your fuel leak site is not in compliance with ACEH directives. In order for your site to return to compliance, please submit the previously requested Soil and Groundwater Investigation Report **by July 6, 2006**. This date is not an extension of your due date, reports for this site are late and your site is out of compliance. ACEH makes this request pursuant to California Health & Safety Code Section 25296.10, 23 CCR sections 2652 through 2654, and 2721 through 2728 outline the duties of a responsible party in response to a reportable unauthorized release from a petroleum UST system, and require your compliance with this request.

If it appears as though significant delays are occurring, or reports are not submitted as requested, we will consider referring your case to the County District Attorney or other appropriate agency, for enforcement. California Health and Safety Code, Section 25299.76 authorizes ACEH enforcement including administrative action or monetary penalties of up to \$10,000 per day for each day of violation. Please note that further delays in investigation, late reports, or enforcement actions may result in your becoming ineligible to receive cost reimbursement from the State's Underground Storage Tank Cleanup Fund.

Please submit the requested, "Soil and Groundwater Investigation Report," in electronic form as described below.

ELECTRONIC SUBMITTAL OF REPORTS

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UNDERGROUND STORAGE TANK CLEANUP FUND

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AGENCY OVERSIGHT

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Reed Rinehart
June 1, 2006
Page 3

If you have any questions, please call me at (510) 567-6791.

Sincerely,



Jerry Wickham
Hazardous Materials Specialist

Attachment: ACEH Correspondence Dated October 26, 2005

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Sunil Ramdass
SWRCB Cleanup Fund
1001 I Street, 17th floor
Sacramento, CA 95814-2828

Shari Knierem
SWRCB Cleanup Fund
1001 I Street, 17th floor
Sacramento, CA 95814-2828

Jo'l Chapman
Advanced GeoEnvironmental, Inc.
837 Shaw Road
Stockton, CA 95215

Donna Drogos, ACEH
Jerry Wickham, ACEH
File

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

October 26, 2005

Reed Rinehart
Rinehart Oil, Inc.
2401 North State Street
Ukiah, CA 95482

Subject: Fuel Leak Case N [REDACTED] Rino Pacific/Oakland Truck Stop, 1107 5th Street,
Oakland, CA

Dear Mr. Rinehart:

Alameda County Environmental Health (ACEH) staff has reviewed the fuel leak case file for the subject site and the reports entitled, "Additional Site Assessment Work Plan," dated September 29, 2005, and "Interim Remediation System Report," also dated September 29, 2005. Both reports were prepared on behalf of Rinehart Oil, Inc. by Advanced GeoEnvironmental, Inc. The Work Plan presents plans to advance nine additional borings and install one groundwater monitoring well. The Interim Remediation System Report describes the installation of an ozone sparge system including 10 sparge wells. Initiation of the ozone sparge system was apparently delayed due to demolition activities at the site.

ACEH concurs with the proposed scope of work provided the technical comments included below are addressed. We request that you address the following technical comments, perform the proposed work, and send us the reports described below. Please provide 72-hour advance written notification to this office (e-mail preferred to jerry.wickham@acgov.org) prior to the start of field activities.

TECHNICAL COMMENTS

1. **Interim Remediation System.** Please initiate operation of the interim remediation system utilizing ozone sparging and provide information on the start-up operation and monitoring of this system in the Interim Remediation System Report requested below.
2. **Soil Boring Logs.** The Work Plan indicates that soils will be sampled at discrete 5-foot intervals. ACEH requests that soils be continuously sampled and logged to adequately describe the encountered soils. Please present the soil boring logs in the Subsurface Investigation Report requested below.
3. **Soil Analyses.** The Work Plan indicates that selected soil samples will be analyzed but does not define whether screening criteria will be applied in selecting soil samples for laboratory analyses. ACEH requests that soil samples be submitted for laboratory analyses for all depth intervals where staining, odor, or elevated PID readings are observed. If staining, odor, or elevated PID readings are observed over an interval of several feet, a sufficient number of soil samples from this interval should be submitted for laboratory analyses to characterize the fuel hydrocarbon concentrations within this interval. In addition, one soil sample collected

- approximately two feet below the interval of observed staining, odor, or elevated PID readings should be submitted for laboratory analysis. One soil sample collected from the capillary fringe is to be submitted for laboratory analyses from each soil boring. If no staining, odor, or elevated PID readings are observed, please submit soil samples from minimum five-foot intervals for laboratory analyses. Please present the results in the Subsurface Investigation Report requested below.
4. **Grab Groundwater Samples.** The Work Plan proposes the collection of grab groundwater samples with a HydroPunch sampling device near the top of the groundwater table and the total depth of selected borings. Criteria for selecting borings are not defined in the Work Plan. ACEH concurs that grab groundwater samples are to be collected within 5 feet of the water table from each soil boring. ACEH requests that grab groundwater samples also be collected from intervals more than 5 feet below the water table in all of the proposed borings. Soils are to be continuously sampled and logged as discussed in technical comment 2 above. The soil boring logs are to be used to target coarse-grained layers below the water table for depth-discrete groundwater sampling. Each coarse-grained layer that may represent a significant contaminant migration pathway is to be targeted for depth-discrete groundwater sampling. Depth-discrete groundwater samples are to be collected in a boring(s) adjacent to the logged soil boring using techniques that will prevent cross-contamination of separate water-bearing zones and contamination of the depth-discrete groundwater sample by contaminated groundwater from a shallower interval. Please present the results in the Subsurface Investigation Report requested below.
 5. **Monitoring Well Installation.** One monitoring well is proposed in 5th Street, northwest of the site. ACEH requests that an additional monitoring well be installed on the north side of 5th Street and east of existing well MW-13 in order to provide groundwater monitoring data northeast of the site. The screen intervals for these proposed monitoring wells are to be no greater than 10 feet in length. Please present the results in the Subsurface Investigation Report requested below.
 6. **Surveying for Wells MW-12 through MW-14.** No casing elevations have been presented in previous reports for monitoring wells MW-12 through MW-14. Water level elevations from these wells have not been used to help evaluate the hydraulic gradient for the site. Given the apparent anomalous hydraulic gradient at the site, as was previously discussed in ACEH's June 30, 2005 correspondence, the incorporation of all water level data is necessary for the site. Please survey all existing and proposed wells as necessary to provide accurate water level elevations throughout the site. Please present the results, including a groundwater elevation contour map, in the Subsurface Investigation Report requested below.
 7. **Comments from June 30, 2005 ACEH Correspondence.** Please review the technical comments from our June 30, 2005 correspondence to assure that each of the comments are addressed. Please present the results in the Subsurface Investigation Report requested below.
 8. **Groundwater Monitoring.** Quarterly groundwater monitoring is required for this site. Please continue quarterly groundwater monitoring and submit the results in quarterly groundwater monitoring reports requested below.

TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Mr. Jerry Wickham), according to the following schedule:

- **November 15, 2005** - Quarterly Monitoring Report for the Third Quarter 2005
- **February 15, 2006** - Quarterly Monitoring Report for the Fourth Quarter 2005 and Interim Remediation System Report
- **March 15, 2006** – Soil and Groundwater Investigation Report
- **May 15, 2006** - Quarterly Monitoring Report for the First Quarter 2006

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

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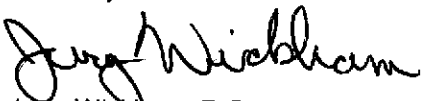
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If you have any questions, please call me at (510) 567-6791.

Sincerely,

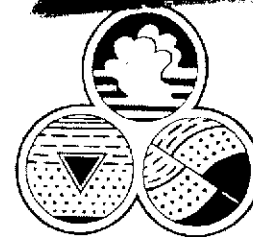


Jerry Wickham, P.G.
Hazardous Materials Specialist

cc: Jo'l Chapman
Advanced GeoEnvironmental, Inc.
837 Shaw Road
Stockton, CA 95215

Donna Drogos, ACEH
Jerry Wickham, ACEH
File

Advanced GeoEnvironmental, Inc.



29 September 2005
AGE-NC Project No. 03-1101

Mr. Jerry Wickham, P.G.
Environmental Health Services - Environmental Protection
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Alameda County
OCT 05 2005
Environmental Health

**Subject: Interim Remediation System Report
RINEHART OIL, INC. - OAKLAND TRUCK STOP
1107 5th Street, Oakland, California**

Dear Mr. Wickham:

On behalf of Mr. Reed Rinehart of Rinehart Oil, Inc., *Advanced GeoEnvironmental, Inc.* (AGE) has prepared this *Interim Remediation System Report* for the above-referenced address. In a directive letter dated 30 June 2005 you required the preparation of a report detailing the operation and monitoring of the on-site ozone sparging remediation system, as well as clarification regarding the construction specifications of the ozone sparge wells installed on 04 and 05 October 2004.

On 04 and 05 October 2004, ten ozone sparge wells were installed on-site on the northern edge of the property (Figure 1). The borings were advanced to a total depth of 15 feet below surface grade (bsg) utilizing a LAR drill rig equipped with 8-inch diameter hollow-stem augers. The ozone sparge wells were completed with manufacturer-assembled, 2-inch by 24-inch microporous sparge points installed at 13 feet bsg, with blank casing extending to the surface. The filter pack (No. 2/12 Lonestar sand) was installed from 9 feet to 15 feet bsg, and a nominal 2-foot bentonite chip plug was installed above the filter pack and hydrated. The wells were grouted to near the surface with portland cement and water-tight, traffic-rated well boxes were installed over the wells. The sparge well boring log provided in Appendix B of the AGE-prepared *Quarterly Report - Fourth Quarter 2004* is representative of all sparge wells installed at the site.

During the first quarter 2005, AGE completed the installation of the interim remediation system subsurface piping network. All tubing was encased in Schedule 80 polyvinylchloride (PVC) piping.

On 24 September 2005, two ozone sparge systems were installed on-site and started; initiation of the ozone sparge system was delayed upon the client's request, as demolition activities were being conducted on-site. During the first month of operation, data will be collected on an approximate weekly basis; after the first month of operation, data will be collected bi-monthly. All data and

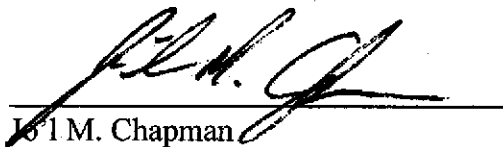
29 September 2005
AGE-NC Project No. 03-1101
Page 2 of 2

analytical results will be submitted in successive quarterly monitoring reports, beginning with the 2005 third quarter report.

If you have any questions or require further information, please contact our office at (209) 467-1006.

Sincerely,

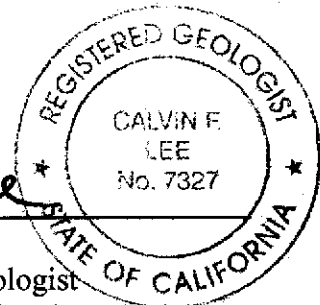
Advanced GeoEnvironmental, Inc.



J. M. Chapman
Staff Geologist

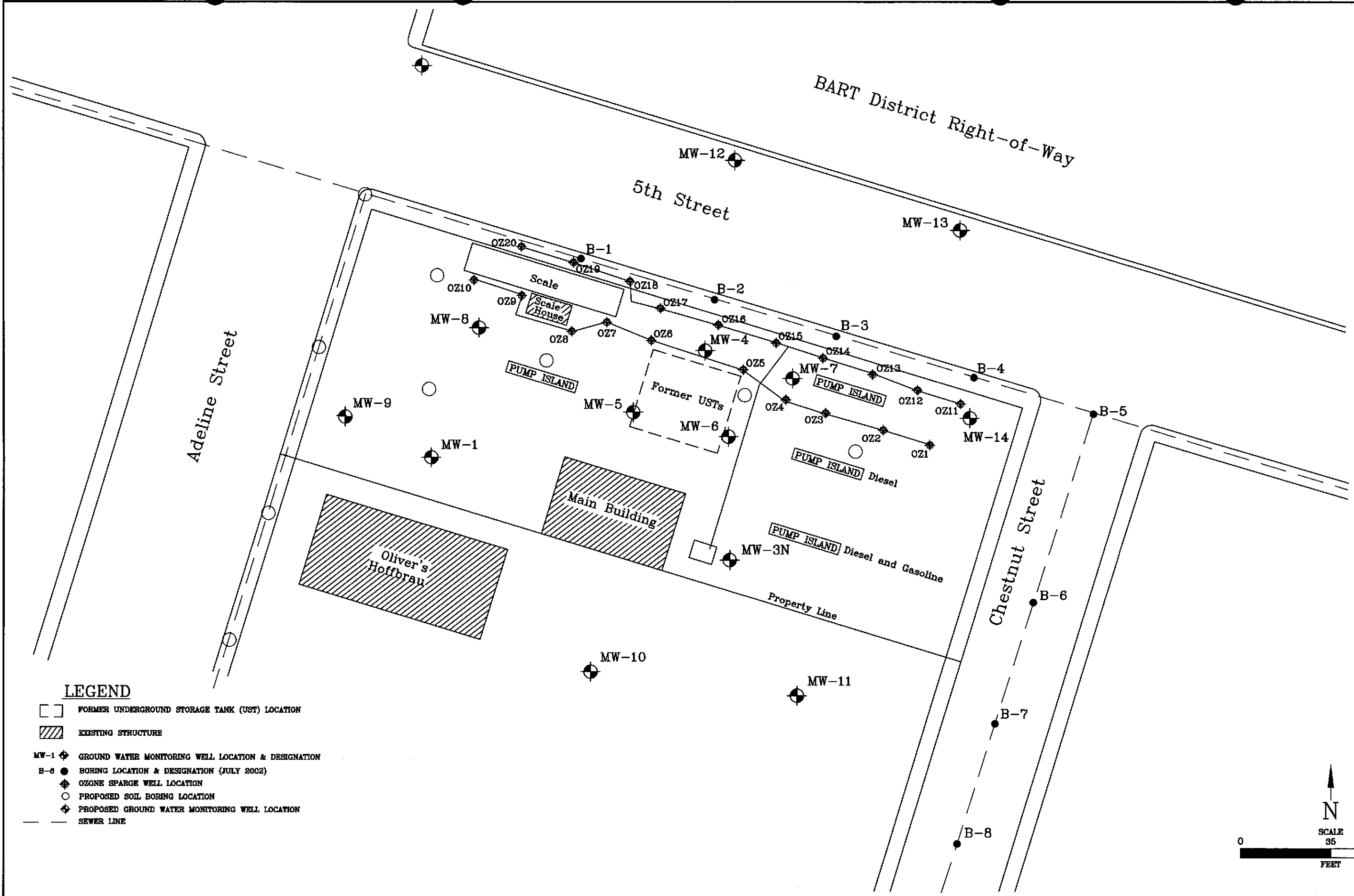


Calvin F. Lee
Senior Project Geologist
California Professional Geologist No. 7327



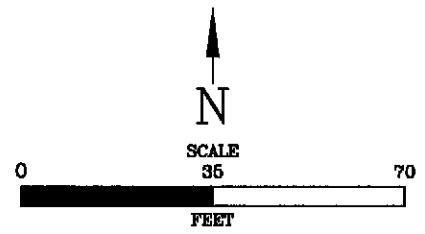
Enclosure

cc: Mr. Barney Chan - ACEHS-DEP
Mr. Reed Rinehart - Rinehart Oil, Inc.



LEGEND

- FORMER UNDERGROUND STORAGE TANK (UST) LOCATION
- ▨ EXISTING STRUCTURE
- MW-1 ◊ GROUND WATER MONITORING WELL LOCATION & DESIGNATION
- B-6 ● BORING LOCATION & DESIGNATION (JULY 2002)
- ◊ OZONE SPARGE WELL LOCATION
- PROPOSED SOIL BORING LOCATION
- ◊ PROPOSED GROUND WATER MONITORING WELL LOCATION
- SEWER LINE



SITE PLAN
RINEHART - OAKLAND TRUCK STOP
1107 5TH STREET
OAKLAND, CALIFORNIA

RO 234

Wickham, Jerry, Env. Health

From: Wickham, Jerry, Env. Health
Sent: Friday, August 26, 2005 4:22 PM
To: 'Jo'l Chapman'
Subject: RE: Rinehart - Oakland Truck Stop

Jo'l,

Based upon your request for a 30-day extension, the schedule for submitting a Work Plan for Additional Investigation and Interim Remediation System Report for the Rinehart Pacific/Oakland Truck Stop at 1107 5th Street in Oakland is extended to September 30, 2005.

Regards,

Jerry Wickham

Hazardous Materials Specialist
Alameda County Environmental Health
1131 Harbor Bay Parkway
Suite 250
Alameda, CA 94502-6577
510-567-6791 phone
510-337-9335 Fax
jerry.wickham@acgov.org

From: Jo'l Chapman [<mailto:jchapman@advgeoenv.com>]
Sent: Friday, August 26, 2005 2:34 PM
To: Wickham, Jerry, Env. Health
Subject: Rinehart - Oakland Truck Stop

Jerry,

Attached is a copy of a Work Plan/Interim Remediation System Report Deadline Extension Request letter. The original was mailed to your office on 26 August 2005.

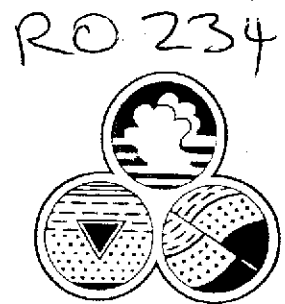
Thanks,

Jo'l M. Chapman
Advanced GeoEnvironmental, Inc.
837 Shaw Road
Stockton, CA 95215
Tel: (209) 467-1006
Fax: (209) 467-1118
jchapman@advgeoenv.com

This e-mail/fax message is for the sole use of the intended recipient(s) and may contain confidential and privileged information. Any unauthorized review, use, disclosure, or distribution of this e-mail/fax is prohibited. If you are not the intended recipient, please contact the sender by e-mail/fax and destroy all paper and electronic copies of the original message.

8/26/2005

Advanced
GeoEnvironmental, Inc.



25 August 2005
AGE-NC Project No. 03-1101

Mr. Jerry Wickham
Environmental Health Services - Environmental Protection
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

**Subject: Work Plan/Interim Remediation System Report Deadline Extension Request
RINEHART OIL, INC. - OAKLAND TRUCK STOP
1107 5th Street, Oakland, California**

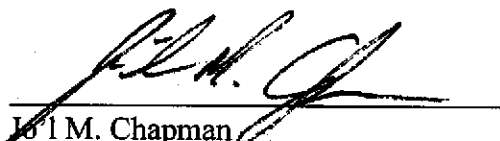
Dear Mr. Wickham:

In a previous directive to Mr. Reed Rinehart, dated 30 June 2005, Alameda County Environmental Health Services (ACEHS) indicated that a work plan for delineation of the lateral and vertical extents of the hydrocarbon plume and an *Interim Remediation System Report* detailing the operation and monitoring of the on-site ozone sparging system be submitted to ACEHS by 30 August 2005. Due to on-site demolition activities, initiation of ozone sparging remediation has been delayed. *Advanced GeoEnvironmental, Inc.* would like to request a 30-day extension of the deadline for the work plan and *Interim Remediation System Report*.

We apologize for any inconvenience that the delay may cause. If you have any questions or require further information, please contact our office at (209) 467-1006.

Sincerely,

Advanced GeoEnvironmental, Inc.


J. M. Chapman
Staff Geologist

Enclosure

cc: Mr. Barney Chan - ACEHS-DEP
Mr. Reed Rinehart - Rinehart Oil, Inc.

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

June 30, 2005

Reed Rinehart
Rinehart Oil, Inc.
2401 North State Street
Ukiah, CA 95482

Subject: Fuel Leak Case No. [REDACTED] Rino Pacific/Oakland Truck Stop, 1107 5th Street, Oakland, CA

Dear Mr. Rinehart:

Alameda County Environmental Health (ACEH) staff has reviewed the fuel leak case file for the subject site and the report entitled, "Quarterly Report –Fourth Quarter 2004," dated February 16, 2005, prepared on behalf of Rinehart Oil, Inc. by Advanced GeoEnvironmental, Inc. We are concerned with the high concentrations of petroleum hydrocarbons and fuel oxygenates that continue to be detected in groundwater samples collected quarterly at the site. In addition, an interim remediation system utilizing ozone sparging was approved for the above referenced site in correspondence from this office dated March 4, 2003. To date, we have not received any reports to indicate that installation of this system is complete and whether this system is operating.

Based on ACEH staff review of the documents referenced above, we request that you address the following technical comments, perform the proposed work, and send us the reports described below.

TECHNICAL COMMENTS

1. **Interim Remediation System.** An interim remediation system utilizing ozone sparging was approved for your site in correspondence from this office dated March 4, 2003. Please provide information on the operation and monitoring of this system in the Interim Remediation System Report requested below.
2. **Free Product Delineation.** The extent of free product has not been sufficiently defined for the site. Free product has been observed in boring E-5 and in monitoring wells MW-7 and MW-8. The static water level is above the top of the screened interval in many existing monitoring wells at the site. Because the screened intervals for many of the existing wells are below the water table, free product, if present, may not be able to enter the wells. Please propose an investigation in the Work Plan requested below to delineate the extent of free product at the site. This investigation may include laser-induced fluorescence data from cone penetrometer borings, soil sampling, groundwater sampling, and/or monitoring wells screened across the top of the water table.
3. **Off-Site Extent of Plume.** The off-site extent of petroleum hydrocarbons and fuel oxygenates in groundwater has not been defined in the area west and northwest of well MW-8. Please provide a plan to complete this characterization in the Work Plan requested below.

We request that you immediately pursue off-site access agreements that you will need to complete your investigation activities.

4. **Vertical Delineation.** The vertical extent of soil and groundwater contamination has not been sufficiently defined for this site. Only two soil samples have been collected below a depth of 12.5 feet below grade (bg). No depth-discrete groundwater samples have been collected. Please provide a plan to characterize the vertical extent of soil and groundwater contamination at the site in the Work Plan requested below.
5. **Preferential Pathways.** During 2002, eight soil borings were completed along utility corridors beneath 5th Street and Chestnut Street. High concentrations of total petroleum hydrocarbons and methyl tert butyl ether (MTBE) were detected in groundwater samples collected along 5th Street. Based on these results, additional borings are required to evaluate this utility corridor along 5th Street. In addition, the potential for utilities along Adeline Street to act as preferential pathways must also be evaluated. Please present plans for further evaluation of preferential pathways along 5th Street and Adeline Street in the Work Plan requested below.
6. **Hydraulic Gradient.** A groundwater mound in the area of well MW-10 appears to be an anomalous feature for this site. The origin of this groundwater mound, such as a leaking water line, and its effect on the hydraulic gradient and contaminant transport for the site is to be evaluated. Water lines or other potential sources of discharge near well MW-10 are to be located and plotted on a map. Groundwater from well MW-10 is to be analyzed for trihalomethanes during one quarterly groundwater monitoring event to help assess whether water treatment byproducts are present in shallow groundwater in this area. Please present these results in the Quarterly Monitoring Report for the Third Quarter 2005 requested below.
7. **Well MW-11.** The boring log for well MW-11 indicated that the boring extended to a depth of 28 bg but the well was constructed to a depth of 12 feet bg. The log does not indicate if the well was constructed in the same boring and if so, how the boring was backfilled to a depth of 12 feet bg.
8. **Sparge Wells.** One boring log is shown to represent all sparge wells at the site. Please confirm that all sparge wells at the site were constructed identically to the well construction diagram shown in Appendix B or present separate boring logs or a table that shows variations in the as-built well construction details. The text in section 2.1.4 indicates that the filter packs for sparge wells extend from 9 to 13 feet bg but the diagram in Appendix B indicates that the filter pack extends to a depth of 15 feet bg. Please address this discrepancy in the Interim Remediation Report requested below.
9. **Site Conceptual Model.** The development of a Site Conceptual Model (SCM) for this site is encouraged in order to provide a framework for understanding the site conditions affecting the fate and transport of contaminants in the subsurface. A SCM is a set of working hypotheses pertaining to all aspects of the contaminant release, including site geology, hydrogeology, release history, residual and dissolved contamination, attenuation mechanisms, pathways to nearby receptors, and likely magnitude of potential impacts to receptors. The SCM is used to identify data gaps that are subsequently filled as the investigation proceeds. As the data gaps are filled, the working hypotheses are modified, and the overall SCM is refined and strengthened. Subsurface investigations continue until the SCM no longer changes as new

data are collected. At this point, the SCM is said to be "validated." The validated SCM then forms the foundation for developing the most cost-effective corrective action plan to protect existing and potential receptors.

When performed properly, the process of developing, refining and ultimately validating the SCM effectively guides the scope of the entire site investigation. We have identified, based on our review of existing data, some key data gaps in this letter and have described several tasks that we believe will provide important new data to refine the SCM. We request that your consultant develop a SCM for this site, identify data gaps, and propose specific supplemental tasks for future investigations. There may need to be additional phases of investigations, each building on the results of the prior work, to validate the SCM. Characterizing the site in this way will improve the efficiency of the work and limit its overall cost.

The SCM approach is endorsed by both industry and the regulatory community. Technical guidance for developing SCMs is presented in API's Publication No. 4699 and EPA's Publication No. EPA 510-B-97-001 both referenced above; and "Guidelines for Investigation and Cleanup of MTBE and Other Ether-Based Oxygenates, Appendix C," prepared by the State Water Resources Control Board, dated March 27, 2000.

The SCM for this project shall incorporate, but not be limited to, the following:

- a) A concise narrative discussion of the regional geologic and hydrogeologic setting obtained from your background study. Include a list of technical references you reviewed, and copies (photocopies are sufficient) of regional geologic maps, groundwater contours, cross-sections, etc.
- b) A concise discussion of the on-site and off-site geology, hydrogeology, release history, source zone, plume development and migration, attenuation mechanisms, preferential pathways, and potential threat to downgradient and above-ground receptors. Be sure to include the vapor pathway in your analysis. Maximize the use of large-scale graphics (e.g., maps, cross-sections, contour maps, etc.) and conceptual diagrams to illustrate key points. Include structural contour maps (top of unit) and isopach maps to describe the geology at your site.
- c) Identification and listing of specific data gaps that require further investigation during subsequent phases of work.
- d) Proposed activities to investigate and fill data gaps identified above.
- e) The SCM shall include an analysis of the hydraulic flow system at and downgradient from the site. Include rose diagrams for groundwater gradients. The rose diagram shall be plotted on groundwater contour maps and updated in all future reports submitted for your site. Include an analysis of vertical hydraulic gradients. Note that these likely change due to seasonal precipitation and pumping.
- f) Temporal changes in the plume location and concentrations are also a key element of the SCM. In addition to providing a measure of the magnitude of the problem, these data are often useful to confirm details of the flow system inferred from the hydraulic head

measurements. Include plots of the contaminant plumes on your maps, cross-sections, and diagrams.

g) Other contaminant release sites exist in the vicinity of your site. Hydrogeologic and contaminant data from those sites may prove helpful in testing certain hypotheses for your SCM. Include a summary of work and technical findings from nearby release sites and incorporate the findings from nearby site investigations into your SCM.

Report the information discussed above in your initial SCM and include it in the Work Plan requested below. Include updates to your SCM in the Soil and Groundwater Investigation Report requested below.

- 10. Groundwater Monitoring.** Quarterly groundwater monitoring is required for this site. Please continue quarterly groundwater monitoring and submit the results in quarterly groundwater monitoring reports requested below.

TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Mr. Jerry Wickham), according to the following schedule:

- **August 15, 2005** – Quarterly Monitoring Report for the Second Quarter 2005
- **August 30, 2005** – Work Plan for Additional Investigation
- **August 30, 2005** – Interim Remediation System Report
- **November 15, 2005** - Quarterly Monitoring Report for the Third Quarter 2005
- **120 days following ACEH approval of Work Plan** – Soil and Groundwater Investigation Report
- **February 15, 2006** - Quarterly Monitoring Report for the Fourth Quarter 2005

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

PERJURY STATEMENT

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

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

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

UNDERGROUND STORAGE TANK CLEANUP FUND

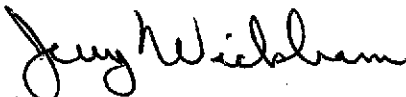
Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

AGENCY OVERSIGHT

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

If you have any questions, please call me at (510) 567-6791.

Sincerely,



Jerry Wickham, P.G.
Hazardous Materials Specialist

cc: Jo'l Chapman
Advanced GeoEnvironmental, Inc.
837 Shaw Road
Stockton, CA 95215

Donna Drogos, ACEH
Jerry Wickham, ACEH
File



State Water Resources Control Board

20234



Winston H. Hickox
Secretary for
Environmental
Protection

Division of Financial Assistance

1001 I Street • Sacramento, California 95814
P.O. Box 944212 • Sacramento, California • 94244-2120
(916) 341-5424 • FAX (916) 341-5806 • www.swrcb.ca.gov/cwphome/ustcf

Gray Davis
Governor

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our website at www.swrcb.ca.gov.

October 30, 2003

Alameda County

NOV 10 2003

Environmental Health

Rino Pacific, Llc.
Reed Rinehart
P O Box 725
Ukiah, CA 95482

REQUEST FOR PRE-APPROVAL OF CORRECTIVE ACTION COSTS, PA#4
CLAIM NO. 013192, SITE ADDRESS: 1107 5TH ST, OAKLAND, CA 94607

I have reviewed your request, received on September 15, 2003, for pre-approval of corrective action costs; I will place these documents in your file for future reference. I have included a copy of the "Cost Pre-Approval Request" form; please use this form in the future for requesting pre-approval of corrective action costs.

Pursuant to Section 2811.4, subdivision (c), of the Cleanup Fund regulations and based upon the materials submitted, the Cleanup Fund must deny your request for pre-approval. You have failed to submit the required three bids for the tasks covered by your pre-approval request. Also the, single bid you provided for the task covered by your pre-approval request is unreasonable for the scope of work. Based on the Cleanup Fund's experience with similar sites in your area, we have determined that \$172,317 is reasonable for the tasks included in your pre-approval request. The breakdown of costs associated with each task is shown in Table 1 below. Based upon the information you submitted and in the absence of additional bids, we can only pre-approve \$172,317.

There are two options available to you. You must secure the requisite bids for the tasks covered by the pre-approval request, and the Cleanup Fund will evaluate the reasonableness of the costs in light of the additional bids.

Or, you may resubmit the existing bid and request pre-approval for the amounts specified in Table 1. Since the Cleanup Fund has determined that the amount specified in Table 1 is reasonable for this scope of work, the three-bid requirement is unnecessary if you concur with the Cleanup Fund's determination. The Cleanup Fund has the authority to waive the three-bid requirement as unnecessary upon your request to do so. Therefore, if your resubmitted pre-approval request only seeks pre-approval for the amount the Cleanup Fund has determined reasonable (the amount specified in Table 1) and you request waiver of the three-bid requirement as unnecessary, the Cleanup Fund will grant your request for pre-approval and waive the three bid requirement, with respect to this scope of work, as unnecessary.

A waiver does not waive the three-bid requirement for the claim, but only for the tasks covered by the pre-approval request. Again, if you decide to seek waiver of the three-bid requirement because



W. A. Craig, Inc.
Engineering & Construction

10234

6940 Tremont Road
Dixon, CA 95620
A,B Haz License #455752
Tel (707) 693-2929
Fax (707) 693-2922

September 11, 2003

Claim No. 13192

Mr. Sunil Ramdass
State Water Resources Control Board
Division of Clean Water Programs
UST Cleanup Fund
1001 I Street, 17th Floor
Sacramento, California 95814

Alameda County
SEP 11 2003
Environmental Health

Subject: Pre-approval request for Claim No. 13192 Claimant: Rino Pacific, LLC.

Dear Sunil:

Per your request, I revised the ozone sparging remedial cost estimate for the subject pre-approval request. I reduced the project management costs, reduced the markup on materials and subcontractors from 15% to 10% and reduced the operations and maintenance period from one year to six months.

I also included cost estimates for two alternate remedial methods, an air sparging with vapor extraction system and a groundwater pump and treat system. The ozone sparging cost estimate is \$204,313, while the air sparging/vapor extraction method is \$231,520 and the groundwater pump and treat system is \$252,899. All three options assume the systems will run for six months.

Please call me at (707) 693-2929 if you have additional questions or concerns regarding our pre-approval request.

Sincerely,

W.A. Craig, Inc.

Tim Cook, P.E.
Principal Engineer

Attachments (3)

cc: Reed Rinehart, Rinehart Distributing
Barney Chan, Alameda County Environmental Health

AIR SPARGING/VAPOR EXTRACTION COST ESTIMATE

OWNER
ADDRESS
CITY

Rinehart Distributing Co.	Job #	3628
1107 5th Street		
Oakland, CA 94607		

Prepared by: TDC
On: 9/10/03

AIR SPARGING AND VAPOR EXTRACTION (10air sparge wells and 7 vapor extraction wells)
SCOPE OF WORK (Design, Procure, Install, Operate, Monitor and Maintain Air Sparge and Vapor Extraction System for 6 Months)
 Project management and budget tracking
 Prepare Remedial Action Plan; Prepare Health and Safety Plan.
 Design & install 10 air sparge wells and 7 vapor extraction wells
 Obtain permits and approvals from regulatory agencies
 Install air comperssor, vapor extraction treatment system (blower, electro-catalytic oxidation unit and appurtenances)
 Excavate piping runs for air sparge and VE systems; Supply electricity to blower and air compressor.
 Trench, install and repave air supply lines to sparge points and VE lines to VE wells
 Install and develop 3 new monitoring wells; two offsite on the north side of 5th street and one in the northeast corner of the site
 Install four Hydropunch borings previously investigated (2 to the west and 2 to the east of the previous borings along 5th street)
 Profile and dispose of investigation derived wastes (soil only)
 Survey air sparge points, vapor extraction wells and 3 new monitoring wells for entry into the [?] Geotracher
 Weekly monitoring of 6 monitoring wells for the first 8 weeks of operation
~~Operation & maintenance of ozone injection system for 6 months~~ ← ?
 Prepare System Startup Report

TASK 1. SYSTEM DESIGN, REGULATORY CORRESPONDENCE, COORDINATION AND REVIEW

	QUANTITY	UNITS	RATE	TOTAL
PERSONNEL				
Principal Engineer/Geologist	6	HOURS	\$ 125.00	\$ 750.00
Project Manager	20	HOURS	\$ 105.00	\$ 2,100.00
Sr. Engineer/Geologist	8	HOURS	\$ 105.00	\$ 840.00
Project Engineer/Geologist	38	HOURS	\$ 90.00	\$ 3,420.00
Senior Technician	8	HOURS	\$ 65.00	\$ 520.00
Cadd Operator	6	HOURS	\$ 55.00	\$ 330.00
Clerical/Word Processor	12	HOURS	\$ 45.00	\$ 540.00
PERMITS & FEES (NOT INCLUDED)				cost + 10%
SUBCONTRACTORS				
UNDERGROUND UTILITY LOCATOR SERVICE		Lump Sum	\$800	\$ 800.00
MARKUP ON SUBCONTRACTORS AND MATERIALS @ 10%				\$ 80.00
			SUBTOTAL	\$ 9,380.00

TASK 2. ON SITE TECHNICAL SUPERVISION (15 DAYS)

TRENCHING PIPING, SYSTEM INSTALLATION,

	QUANTITY	UNITS	RATE	TOTAL
EQUIPMENT				
JOB TRUCK (125 MI ROUNTRIP X 15 TRIPS)	1875	MILES	\$ 0.50	\$ 937.50
PHOTO IONIZATION DETECTOR	3	WEEKS	\$ 350.00	\$ 1,050.00
PERSONNEL				
PROJECT MANAGER	120	HOURS	\$ 90.00	\$ 10,800.00
ASSOCIATE ENGINEER	56	HOURS	\$ 75.00	\$ 4,200.00
PRINCIPAL ENGINEER	4	HOURS	\$ 125.00	\$ 500.00
			SUBTOTAL	\$ 17,487.50

TASK 3. PROJECT TRACKING AND COORDINATION

PROJECT RUN TIME APPROX. (3) WEEKS

	QUANTITY	UNITS	RATE	TOTAL
PROJECT MANAGER @ 6 hrs/week	18	HOURS	\$ 105.00	\$ 1,890.00
CLERICAL @ 6 hrs/week	18	HOURS	\$ 45.00	\$ 810.00

AIR SPARGING/VAPOR EXTRACTION COST ESTIMATE

SENIOR ENGINEER @ 6 hrs/week
 DRAFTER @ 1 hrs/week

12	HOURS	\$ 105.00	\$ 1,260.00
3	HOURS	\$ 55.00	\$ 165.00
		SUBTOTAL	\$ 4,125.00

TASK 4. SITE SAFETY

SET UP AND BREAK DOWN
 FENCING, BARRICADES, CONES, DELINEATORS & SIGNS RENTAL
 TOOL TRUCK (125 MILE ROUND TRIP X 15 TRIPS)
 HEALTH AND SAFETY PLAN

QUANTITY	UNITS	RATE	TOTAL
1	LUMP SUM	\$ 150.00	\$ 450.00
15	DAYS	\$ 120.00	\$ 1,800.00
1875	MILES	\$ 0.50	\$ 937.50
1	EACH	\$ 500.00	\$ 500.00
		SUBTOTAL	\$ 3,687.50

TASK 5. TRENCH AND INSTALL SYSTEM PIPING

AIR SPARGE LINES, VE PIPING, FITTINGS, VALVES, CAPS, GLUE, etc.
 MOBE/DEMOBE EQUIP.
 SAW CUTTING ASPHALT AND CONCRETE
 TRENCH PLATE
 OPERATED BACKHOE
 COMPRESSOR AND JACKHAMMER
 LABORERS
 TOOL TRUCK PER DAY (126 MILE ROUND TRIP, 4 DAYS, 2 TRUCKS)
 NOTE: SEE TASK #7 FOR BACKFILLING MATERIALS AND LABOR

QUANTITY	UNITS	RATE	TOTAL
1	LUMP SUM	\$ 6,100.00	\$ 6,100.00
1	LUMP SUM	\$ 900.00	\$ 900.00
1	DAYS	\$ 2,800.00	\$ 2,800.00
40	WEEK	\$ 24.00	\$ 960.00
3	DAYS	\$ 720.00	\$ 2,160.00
3	DAYS	\$ 450.00	\$ 1,350.00
160	HOURS	\$ 55.00	\$ 8,800.00
1008	MILES	\$ 0.50	\$ 504.00
		SUBTOTAL	\$ 23,574.00

TASK 6. PROFILE AND DISPOSE OF INVESTIGATION DERIVED WASTES¹

EQUIPMENT
 PLASTIC ROLLS
 BACKHOE
 JOB TRUCK
 PERSONNEL
 FIELD TECHNICIAN
 LABORERS
 SUBCONTRACTOR SERVICES
 PROFILING FEE
 LAB FEES (TPH-g, BTEX+MTBE, Fuel Oxys, Lead, one 4-Pt. Composite
 SOIL DISPOSAL COST INCLUDING TRANSPORTATION
 MARKUP ON SUBCONTRACTORS AND MATERIALS @ 10%

QUANTITY	UNITS	RATE	TOTAL
4	EACH	\$ 75.00	\$ 300.00
2	DAYS	\$ 760.00	\$ 1,520.00
126	MILES	\$ 0.50	\$ 63.00
8	HOURS	\$ 75.00	\$ 600.00
16	HOURS	\$ 55.00	\$ 880.00
1	LUMP SUM	\$ 280.00	\$ 280.00
2	EACH	\$ 250.00	\$ 500.00
40	TON	\$ 55.00	\$ 2,200.00
			\$ 298.00
		SUBTOTAL	\$ 6,343.00

Assumes investigation derived wastes shall be accepted by the landfill to be disposed of as Class II Designated Waste. If soils are not a

TASK 7. BACKFILL, COMPACT AND REPAVE TRENCHES (5 DAYS)

MATERIAL
 CONTROLLED DENSITY FILL
 CONCRETE AND ASPHALT
 VIBRAPLATE
 BEDDING SAND
 WELL BOXES W/ TRAFFIC LIDS
 EQUIPMENT
 MOBE/DEMOBE EQUIP.
 OPERATED BOBCAT
 OPERATED BACKHOE
 PERSONNEL
 LABORERS (5 LABORERS X 5 DAYS)

QUANTITY	UNITS	RATE	TOTAL
55	CY	\$ 65.00	\$ 3,575.00
15	CY	\$ 105.00	\$ 1,575.00
2	DAYS	\$ 288.00	\$ 576.00
20	CY	\$ 37.00	\$ 740.00
17	EA	\$ 800.00	\$ 13,600.00
1 TIME EA.	LUMP SUM	\$ 900.00	\$ 900.00
20	HOURS	\$ 75.00	\$ 1,500.00
20	HOURS	\$ 105.00	\$ 2,100.00
120	HOURS	\$ 55.00	\$ 6,600.00

AIR SPARGING/VAPOR EXTRACTION COST ESTIMATE

SUBTOTAL \$ 27,591.00

TASK 8. INSTALL AND DEVELOP THREE NEW MONITORING WELLS

PERSONNEL

PROJECT MANAGER
ASSOCIATE ENGINEER

EQUIPMENT

JOB TRUCK (126 MI ROUNTRIP X 2 TRIPS)
DO METER
TURBIDITY METER
CONDUCTIVITY/pH/TEMP METER
WATER LEVEL SOUNDER
2 INCH PUMP
DRUMS

SUBCONTRACTORS

OPERATED DRILL RIG (2 MAN CREW)
SURVEYOR (SURVEY SPARGE PTS AND 2 NEW WELLS)
MARKUP ON SUBCONTRACTORS AND MATERIALS @ 10%

QUANTITY	UNITS	RATE	TOTAL
6	HOURS	\$ 90.00	\$ 540.00
20	HOURS	\$ 75.00	\$ 1,500.00

252	MILES	\$ 0.50	\$ 126.00
1	DAYS	\$ 40.00	\$ 40.00
1	DAYS	\$ 30.00	\$ 30.00
1	DAYS	\$ 40.00	\$ 40.00
1	DAYS	\$ 25.00	\$ 25.00
1	DAYS	\$ 45.00	\$ 45.00
9	EA	\$ 55.00	\$ 495.00

SEE TASK 9 BELOW			
1	LUMP SUM	\$ 900.00	\$ 900.00
			\$ 90.00
SUBTOTAL			\$ 3,831.00

TASK 9. INSTALL FOUR NEW HYDROPUNCH BORINGS

PERSONNEL

PROJECT MANAGER
ASSOCIATE ENGINEER
LABORERS FOR TRAFFIC CONTROL (2 LABORERS)

EQUIPMENT

JOB TRUCK (126 MI ROUNTRIP X 1 TRIP)
TRAFFIC CONTROL DELINEATORS, BARRICADES, SIGNS
ENCORE SAMPLERS
BRASS TUBES

SUBCONTRACTORS

OPERATED DRILL RIG
LAB ANALYSES

SOIL
SOIL
WATER
WATER
MARKUP ON SUBCONTRACTORS AND MATERIALS @ 10%

QUANTITY	UNITS	RATE	TOTAL
2	HOURS	\$ 90.00	\$ 180.00
10	HOURS	\$ 75.00	\$ 750.00
20	HOURS	\$ 55.00	\$ 1,100.00

126	MILES	\$ 0.50	\$ 63.00
20	EA	\$ 15.00	\$ 300.00
20	EA	\$ 12.00	\$ 240.00
4	EA	\$ 9.00	\$ 36.00
BID ATTACHED Lump Sum			\$ 17,340.00

4	EA	\$ 150.00	\$ 600.00
4	EA	\$ 65.00	\$ 260.00
4	EA	\$ 150.00	\$ 600.00
4	EA	\$ 65.00	\$ 260.00
			\$ 1,906.00
SUBTOTAL			\$ 23,635.00

TASK 10. INSTALL SPARGE POINTS, AIR COMPRESSOR, VE TREATMENT SYSTEM, SYSTEM STARTUP

MATERIAL

Asphalt Roller Rental
Temporary Fencing & Trench Plates
Valves, & Fittings
Blower, Knockout Tank, Valves, Appurtenances (Rental)
Compressor
Form and Pour Concrete Equipment Pad (10' X 30')
Catalytic Oxidizer-Shipping & Hookup
Catalytic Oxidizer Rental for 6 Months
Uninstall Catalytic Oxidizer & Return to Vendor
Fence
Equipment Shed (6' x 8")

QUANTITY	UNITS	RATE	TOTAL
1	ea	\$ 230.00	\$ 230.00
7	day	\$ 130.00	\$ 910.00
1	ea	\$ 850.00	\$ 850.00
6	month	\$ 1,500.0	\$ 9,000.0
1	ea	\$ 2,000.0	\$ 2,000.0
1	ea	\$ 3,200.00	\$ 3,200.00
1	ea	\$ 3,340.00	\$ 3,340.00
6	month	\$ 2,830.00	\$ 16,980.00
1	ea	\$ 2,520.00	\$ 2,520.00
1	ea	\$ 2,000.00	\$ 2,000.00
1	ea	\$ 1,500.00	\$ 1,500.00

AIR SPARGING/VAPOR EXTRACTION COST ESTIMATE

Sound Baffling
 Equipment Pad
SUBCONTRACTORS
 Electrician
 Driller and Well Construction Materials
 Surveyor
 MARKUP ON SUBCONTRACTORS AND MATERIALS @ 10%

1	ea	\$ 1,200.00	\$ 1,200.00
1	ea	\$ 3,200.00	\$ 3,200.00
1	Lump Sum	\$ 3,500.00	\$ 3,654.00
1	Lump Sum	\$ 18,035.00	\$ 18,035.00
1	ea	\$ 750.00	\$ 750.00
			\$ 6,861.90
		SUBTOTAL	\$ 76,230.90

TASK 11. SYSTEM OPERATION & MAINTENANCE FOR SIX MONTHS

EQUIPMENT
 ELECTRICITY TO RUN SYSTEM
 JOB TRUCK (9 TRIPS X 126 MI)
PERSONNEL
 TECHNICIAN 9 TRIPS @ 8 HRS. PER TRIP
 DOES NOT INCLUDE REPLACEMENT PARTS

QUANTITY	UNITS	RATE	TOTAL
6	MONTHS	\$1,300.00	\$ 7,800.00
1134	MILES	\$0.50	\$ 567.00
72	HOURS	\$75.00	\$ 5,400.00
		SUBTOTAL	\$ 13,767.00

TASK 12. START UP GROUNDWATER MONITORING AND ANALYSES SAMPLING 6 WELLS ON A WEEKLY BASIS FOR 8 WEEKS (48 samples)

EQUIPMENT AND MATERIALS
 JOB TRUCK (126 MI ROUNTRIP X 8 TRIPS)
 DO METER
 Eh METER
 TURBIDITY METER
 CONDUCTIVITY/pH/TEMP METER
 WATER LEVEL SOUNDER
 BAILERS
 SAMPLE DISPOSABLES
PERSONNEL
 ENVIRONMENTAL TECHNICIAN (8 HRS X 8 EVENTS)
SUBCONTRACTORS
 LAB ANALYSES
 FUEL OXYGENATES
 TPH-g/BTEX
 MARKUP ON SUBCONTRACTORS AND MATERIALS @ 10%

QUANTITY	UNITS	RATE	TOTAL
1008	MILES	\$ 0.50	\$ 504.00
8	DAYS	\$ 40.00	\$ 320.00
8	DAYS	\$ 30.00	\$ 240.00
8	DAYS	\$ 30.00	\$ 240.00
8	DAYS	\$ 40.00	\$ 320.00
8	DAYS	\$ 25.00	\$ 200.00
48	EA	\$ 15.00	\$ 720.00
8	DAYS	\$ 25.00	\$ 200.00
64	HOURS	\$ 75.00	\$ 4,800.00
48	EA	\$ 150.00	\$ 7,200.00
48	EA	\$ 55.00	\$ 2,640.00
			\$ 984.00
		SUBTOTAL	\$ 18,368.00

TASK 13. REPORTING
 REMEDIAL ACTION PLAN
 SYSTEM STARTUP REPORT (As built, Start Up Monitoring Data, etc.)
 NOTE: QUARTERLY MONITORING REPORTS NOT INCLUDED IN THIS ESTIMATE

AMOUNT	UNITS	RATE	TOTALS
			ALREADY BILLED
1	EACH	\$ 3,500.00	\$ 3,500.00
		SUBTOTAL	\$ 3,500.00

TOTAL PROJECT ESTIMATE 231,519.90

ZONE-SPARGE SYSTEM COST ESTIMATE

OWNER	Rinehart Distributing Co.	Job #	3628	Prepared by:	TDC	
ADDRESS	1107 5th Street			On:	9/10/03	
CITY	Oakland, CA 94607					
OZONE SPARGING						
SCOPE OF WORK (Design, Procure, Install, Operate, Monitor and Maintain Ozone Sparge System for 6 Months)						
(20 Ozone Sparge Wells)						
Project management and budget tracking						
Prepare Remedial Action Plan; Prepare Health and Safety Plan.						
Design & install a 20-point ozone injection system						
Obtain permits and approvals from regulatory agencies						
Install ozone generators (2), oxygen concentrators (2) and appurtenances						
Excavate piping runs for ozone system; Supply electricity to ozone generators.						
Trench, install and repave ozone supply lines to sparge points						
Install and develop 3 new monitoring wells; two offsite on the north side of 5th street and one in the northeast corner of the site						
Install four Hydropunch borings previously investigated (2 to the west and 2 to the east of the previous borings along 5th street)						
Profile and dispose of investigation derived wastes (soil only)						
Survey sparge points and 3 new monitoring wells for entry into the Geotracker system						
Weekly monitoring of 6 monitoring wells for the first 8 weeks of operation						
Operation & maintenance of ozone injection system for 6 months						
Prepare System Startup Report						
TASK 1. SYSTEM DESIGN, REGULATORY CORRESPONDENCE, COORDINATION AND REVIEW						
			QUANTITY	UNITS	RATE	TOTAL
PERSONNEL						
PERSONNEL						
Principal Engineer/Geologist		6	HOURS	\$ 125.00	\$ 750.00	
Project Manager		20	HOURS	\$ 105.00	\$ 2,100.00	
Sr. Engineer/Geologist		8	HOURS	\$ 105.00	\$ 840.00	
Project Engineer/Geologist		38	HOURS	\$ 90.00	\$ 3,420.00	
Senior Technician		8	HOURS	\$ 65.00	\$ 520.00	
Cadd Operator		6	HOURS	\$ 55.00	\$ 330.00	
Clerical/Word Processor		12	HOURS	\$ 45.00	\$ 540.00	
PERMITS & FEES (NOT INCLUDED)					cost + 10%	
SUBCONTRACTORS						
UNDERGROUND UTILITY LOCATOR SERVICE						
			Lump Sum	\$800	\$ 800.00	
MARKUP ON SUBCONTRACTORS AND MATERIALS @ 10%						
					\$ 80.00	
SUBTOTAL					\$ 9,380.00	
TASK 2. ON SITE TECHNICAL SUPERVISION (15 DAYS)						
TRENCHING PIPING, SYSTEM INSTALLATION,						
			QUANTITY	UNITS	RATE	TOTAL
EQUIPMENT						
JOB TRUCK (125 MI ROUNTRIP X 15 TRIPS)						
		1875		MILES	\$ 0.50	\$ 937.50
PHOTO IONIZATION DETECTOR						
		3		WEEKS	\$ 350.00	\$ 1,050.00
PERSONNEL						
PROJECT MANAGER						
		120		HOURS	\$ 90.00	\$ 10,800.00
ASSOCIATE ENGINEER						
		56		HOURS	\$ 75.00	\$ 4,200.00
PRINCIPAL ENGINEER						
		4		HOURS	\$ 125.00	\$ 500.00
SUBTOTAL					\$ 17,487.50	
TASK 3. PROJECT TRACKING AND COORDINATION						
PROJECT RUN TIME APPROX. (3) WEEKS						
			QUANTITY	UNITS	RATE	TOTAL
PROJECT MANAGER						
	@ 6 hrs/week	18		HOURS	\$ 105.00	\$ 1,890.00
CLERICAL						
	@ 6 hrs/week	18		HOURS	\$ 45.00	\$ 810.00
SENIOR ENGINEER						
	@ 6 hrs/week	12		HOURS	\$ 105.00	\$ 1,260.00
DRAFTER						
	@ 1 hrs/week	3		HOURS	\$ 55.00	\$ 165.00
SUBTOTAL					\$ 4,125.00	
TASK 4. SITE SAFETY						
			QUANTITY	UNITS	RATE	TOTAL
SET UP AND BREAK DOWN						
		1		LUMP SUM	\$ 150.00	\$ 450.00

ZONE-SPARGE SYSTEM COST ESTIMATE

FENCING, BARRICADES, CONES, DELINEATORS & SIGNS RENTAL		15	DAYS	\$ 120.00	\$ 1,800.00
TOOL TRUCK (125 MILE ROUND TRIP X 15 TRIPS)		1875	MILES	\$ 0.50	\$ 937.50
HEALTH AND SAFETY PLAN		1	EACH	\$ 500.00	\$ 500.00
				SUBTOTAL	\$ 3,687.50
TASK 5. TRENCH AND INSTALL SYSTEM PIPING					
		QUANTITY	UNITS	RATE	TOTAL
DOUBLE CONTAINED TUBING, FITTINGS, VALVES, CAPS, GLUE, etc.		1	LUMP SUM	\$ 3,200.00	\$ 3,200.00
MOBE/DEMOBE EQUIP.		1	LUMP SUM	\$ 900.00	\$ 900.00
SAW CUTTING ASPHALT AND CONCRETE		1	DAYS	\$ 2,800.00	\$ 2,800.00
TRENCH PLATE		40	WEEK	\$ 24.00	\$ 960.00
OPERATED BACKHOE		3	DAYS	\$ 720.00	\$ 2,160.00
COMPRESSOR AND JACKHAMMER		3	DAYS	\$ 450.00	\$ 1,350.00
LABORERS		160	HOURS	\$ 55.00	\$ 8,800.00
TOOL TRUCK PER DAY	126 MILE ROUND TRIP, 4 DAYS, 2 TRUCKS	1008	MILES	\$ 0.50	\$ 504.00
				SUBTOTAL	\$ 20,674.00
NOTE: SEE TASK #7 FOR BACKFILLING MATERIALS AND LABOR					
TASK 6. PROFILE AND DISPOSE OF INVESTIGATION DERIVED WASTES¹					
EQUIPMENT		QUANTITY	UNITS	RATE	TOTAL
PLASTIC ROLLS		4	EACH	\$ 75.00	\$ 300.00
BACKHOE		2	DAYS	\$ 760.00	\$ 1,520.00
JOB TRUCK		126	MILES	\$ 0.50	\$ 63.00
PERSONNEL					
FIELD TECHNICIAN		8	HOURS	\$ 75.00	\$ 600.00
LABORERS		16	HOURS	\$ 55.00	\$ 880.00
SUBCONTRACTOR SERVICES					
PROFILING FEE		1	LUMP SUM	\$ 280.00	\$ 280.00
LAB FEES (TPH-g, BTEX+MTBE, Fuel Oxys, Lead, one 4-Pt. Composite Soil Sample per 50 CY)		2	EACH	\$ 250.00	\$ 500.00
SOIL DISPOSAL COST INCLUDING TRANSPORTATION		40	TON	\$ 55.00	\$ 2,200.00
MARKUP ON SUBCONTRACTORS AND MATERIALS @ 10%					\$ 298.00
				SUBTOTAL	\$ 6,343.00
Assumes investigation derived wastes shall be accepted by the landfill to be disposed of as Class II Designated Waste. If soils are not a Class II waste disposal costs could be substantially higher.					
TASK 7. BACKFILL, COMPACT AND REPAVE TRENCHES (5 DAYS)					
MATERIAL		QUANTITY	UNITS	RATE	TOTAL
CONTROLLED DENSITY FILL		55	CY	\$ 65.00	\$ 3,575.00
CONCRETE AND ASPHALT		15	CY	\$ 105.00	\$ 1,575.00
VIBRAPLATE		2	DAYS	\$ 288.00	\$ 576.00
BEDDING SAND		20	CY	\$ 37.00	\$ 740.00
OZONE WELL BOXES W/ TRAFFIC LIDS		23	EA	\$ 180.00	\$ 4,140.00
EQUIPMENT					
MOBE/DEMOBE EQUIP.		1 TIME EA.	LUMP SUM	\$ 900.00	\$ 900.00
OPERATED BOBCAT		20	HOURS	\$ 75.00	\$ 1,500.00
OPERATED BACKHOE		20	HOURS	\$ 105.00	\$ 2,100.00
PERSONNEL					
LABORERS (5 LABORERS X 5 DAYS)		120	HOURS	\$ 55.00	\$ 6,600.00
				SUBTOTAL	\$ 18,131.00
TASK 8. INSTALL AND DEVELOP THREE NEW MONITORING WELLS					
PERSONNEL		QUANTITY	UNITS	RATE	TOTAL
PROJECT MANAGER		6	HOURS	\$ 90.00	\$ 540.00
ASSOCIATE ENGINEER		20	HOURS	\$ 75.00	\$ 1,500.00
EQUIPMENT					
JOB TRUCK (126 MI ROUNTRIP X 2 TRIPS)		252	MILES	\$ 0.50	\$ 126.00
DO METER		1	DAYS	\$ 40.00	\$ 40.00
TURBIDITY METER		1	DAYS	\$ 30.00	\$ 30.00
CONDUCTIVITY/pH/TEMP METER		1	DAYS	\$ 40.00	\$ 40.00
WATER LEVEL SOUNDER		1	DAYS	\$ 25.00	\$ 25.00

ZONE-SPARGE SYSTEM COST ESTIMATE

2 INCH PUMP		1	DAYS	\$ 45.00	\$ 45.00
DRUMS		9	EA	\$ 55.00	\$ 495.00
SUBCONTRACTORS					
OPERATED DRILL RIG (2 MAN CREW)				SEE TASK 9 BELOW	
SURVEYOR (SURVEY SPARGE PTS AND 2 NEW WELLS)				1	LUMP SUM \$ 900.00 \$ 900.00
MARKUP ON SUBCONTRACTORS AND MATERIALS @ 10%					\$ 90.00
				SUBTOTAL	\$ 3,831.00
TASK 9. INSTALL FOUR NEW HYDROPUNCH BORINGS					
PERSONNEL		QUANTITY	UNITS	RATE	TOTAL
PROJECT MANAGER		2	HOURS	\$ 90.00	\$ 180.00
ASSOCIATE ENGINEER		10	HOURS	\$ 75.00	\$ 750.00
LABORERS FOR TRAFFIC CONTROL (2 LABORERS)		20	HOURS	\$ 55.00	\$ 1,100.00
EQUIPMENT					
JOB TRUCK (126 MI ROUNTRIP X 1 TRIP)		126	MILES	\$ 0.50	\$ 63.00
TRAFFIC CONTROL DELINEATORS, BARRICADES, SIGNS		20	EA	\$ 15.00	\$ 300.00
ENCORE SAMPLERS		20	EA	\$ 12.00	\$ 240.00
BRASS TUBES		4	EA	\$ 9.00	\$ 36.00
SUBCONTRACTORS					
OPERATED DRILL RIG		BID ATTACHED	Lump Sum		\$ 17,340.00
LAB ANALYSES					
SOIL	FUEL OXYGENATES	4	EA	\$ 150.00	\$ 600.00
SOIL	TPH-g/BTEX	4	EA	\$ 65.00	\$ 260.00
WATER	FUEL OXYGENATES	4	EA	\$ 150.00	\$ 600.00
WATER	TPH-g/BTEX	4	EA	\$ 65.00	\$ 260.00
MARKUP ON SUBCONTRACTORS AND MATERIALS @ 10%					\$ 1,906.00
				SUBTOTAL	\$ 23,635.00
TASK 10. INSTALL SPARGE POINTS, OZONE GENERATORS, OXYGEN CONCENTRATORS, SYSTEM STARTUP					
MATERIAL		QUANTITY	UNITS	RATE	TOTAL
INJECTION SYSTEM (control systems, controls, pressure gauges, fittings, oxygen concentrators, sparge points, PVC blank casing)		BID ATTACHED	Lump Sum		\$ 58,150.00
SUBCONTRACTORS					
ELECTRICIAN		BID ATTACHED	Lump Sum		\$ 3,654.00
OPERATED DRILL RIG (2 MAN CREW)		BID ATTACHED	Lump Sum		SEE TASK 9
MARKUP ON SUBCONTRACTORS AND MATERIALS @ 10%					\$ 6,180.40
				SUBTOTAL	\$ 67,984.40
TASK 11. SYSTEM OPERATION & MAINTENANCE FOR SIX MONTHS					
EQUIPMENT		QUANTITY	UNITS	RATE	TOTAL
ELECTRICITY TO RUN SYSTEM		6	MONTHS	\$200.00	\$ 1,200.00
JOB TRUCK (9 TRIPS X 126 MI)		1134	MILES	\$0.50	\$ 567.00
PERSONNEL					
TECHNICIAN 9 TRIPS @ 8 HRS. PER TRIP		72	HOURS	\$75.00	\$ 5,400.00
DOES NOT INCLUDE REPLACEMENT PARTS				SUBTOTAL	\$ 7,167.00
TASK 12. START UP GROUNDWATER MONITORING AND ANALYSES					
<i>SAMPLING 6 WELLS ON A WEEKLY BASIS FOR 8 WEEKS (48 samples)</i>					
EQUIPMENT AND MATERIALS		QUANTITY	UNITS	RATE	TOTAL
JOB TRUCK (126 MI ROUNTRIP X 8 TRIPS)		1008	MILES	\$ 0.50	\$ 504.00
DO METER		8	DAYS	\$ 40.00	\$ 320.00
Eh METER		8	DAYS	\$ 30.00	\$ 240.00
TURBIDITY METER		8	DAYS	\$ 30.00	\$ 240.00
CONDUCTIVITY/pH/TEMP METER		8	DAYS	\$ 40.00	\$ 320.00
WATER LEVEL SOUNDER		8	DAYS	\$ 25.00	\$ 200.00
BAILERS		48	EA	\$ 15.00	\$ 720.00
SAMPLE DISPOSABLES		8	DAYS	\$ 25.00	\$ 200.00
PERSONNEL					

ZONE-SPARGE SYSTEM COST ESTIMATE

ENVIRONMENTAL TECHNICIAN (8 HRS X 8 EVENTS)	64	HOURS	\$ 75.00	\$ 4,800.00
SUBCONTRACTORS				
LAB ANALYSES				
FUEL OXYGENATES	48	EA	\$ 150.00	\$ 7,200.00
TPH-g/BTEX	48	EA	\$ 55.00	\$ 2,640.00
MARKUP ON SUBCONTRACTORS AND MATERIALS @ 10%				\$ 984.00
SUBTOTAL				\$ 18,368.00
TASK 13. REPORTING				
ALREADY BILLED				
REMEDIAL ACTION PLAN				
SYSTEM STARTUP REPORT (As built, Start Up Monitoring Data, etc.)	1	EACH	\$ 3,500.00	\$ 3,500.00
<i>NOTE: QUARTERLY MONITORING REPORTS NOT INCLUDED IN THIS ESTIMATE</i>				SUBTOTAL \$ 3,500.00
TOTAL PROJECT ESTIMATE				204,313.40

GROUNDWATER PUMP AND TREAT COST ESTIMATE

OWNER
ADDRESS
CITY

Rinehart Distributing Co.	Job #	3628
1107 5th Street		
Oakland, CA 94607		

Prepared by: TDC
On: 9/10/03

GROUNDWATER PUMP AND TREAT (GAC) SYSTEM WITH DISCHARGE TO SEWER

(6 Extraction Wells with a combined design flow rate of 5 gpm)

SCOPE OF WORK (Design, Procure, Install, Operate, Monitor and Maintain GW GAC SYSTEM for 6 Months)

Project management and budget tracking

Prepare Remedial Action Plan; Prepare Health and Safety Plan.

Design & install 6 extraction well system

Obtain permits and approvals from regulatory agencies

Install GAC Treatment System pneumatic control box, bag filters, and appurtenances

Install 6 extraction wells, install pneumatic pumps

Excavate piping runs for conveyance piping; Supply electricity to pumps and treatment system.

Trench, install and repave lines from treatment system to extraction wells

Install and develop 3 new monitoring wells; two offsite on the north side of 5th street and one in the northeast corner of the site

Install four Hydropunch borings previously investigated (2 to the west and 2 to the east of the previous borings along 5th street)

Profile and dispose of investigation derived wastes (soil only)

Survey extraction wells and 3 new monitoring wells for entry into the Geotracker s

Weekly monitoring of 6 monitoring wells for the first 8 weeks of operation

Operation & maintenance of pump and treat system for 6 months

Prepare System Startup Report

TASK 1. SYSTEM DESIGN, REGULATORY CORRESPONDENCE, COORDINATION AND REVIEW				
	QUANTITY	UNITS	RATE	TOTAL
PERSONNEL				
Principal Engineer/Geologist	6	HOURS	\$ 125.00	\$ 750.00
Project Manager	60	HOURS	\$ 105.00	\$ 6,300.00
Sr. Engineer/Geologist	8	HOURS	\$ 105.00	\$ 840.00
Project Engineer/Geologist	50	HOURS	\$ 90.00	\$ 4,500.00
Senior Technician	8	HOURS	\$ 65.00	\$ 520.00
Cadd Operator	6	HOURS	\$ 55.00	\$ 330.00
Clerical/Word Processor	12	HOURS	\$ 45.00	\$ 540.00
PERMITS & FEES (NOT INCLUDED)				cost + 10%
SUBCONTRACTORS				
UNDERGROUND UTILITY LOCATOR SERVICE		Lump Sum	\$800	\$ 800.00
MARKUP ON SUBCONTRACTORS AND MATERIALS @ 10%				\$ 80.00
SUBTOTAL				\$ 14,660.00

TASK 2. ON SITE TECHNICAL SUPERVISION (15 DAYS) TRENCHING PIPING, SYSTEM INSTALLATION,				
	QUANTITY	UNITS	RATE	TOTAL
EQUIPMENT				
JOB TRUCK (125 MI ROUNTRIP X 15 TRIPS)	1875	MILES	\$ 0.50	\$ 937.50
PHOTO IONIZATION DETECTOR	3	WEEKS	\$ 350.00	\$ 1,050.00
PERSONNEL				
PROJECT MANAGER	120	HOURS	\$ 90.00	\$ 10,800.00
ASSOCIATE ENGINEER	56	HOURS	\$ 75.00	\$ 4,200.00
PRINCIPAL ENGINEER	4	HOURS	\$ 125.00	\$ 500.00
SUBTOTAL				\$ 17,487.50

TASK 3. PROJECT TRACKING AND COORDINATION PROJECT RUN TIME APPROX. (3) WEEKS				
	QUANTITY	UNITS	RATE	TOTAL
PROJECT MANAGE @ 6 hrs/week	18	HOURS	\$ 105.00	\$ 1,890.00
CLERICAL @ 6 hrs/week	18	HOURS	\$ 45.00	\$ 810.00
SENIOR ENGINEER @ 6 hrs/week	12	HOURS	\$ 105.00	\$ 1,260.00
DRAFTER @ 1 hrs/week	3	HOURS	\$ 55.00	\$ 165.00
SUBTOTAL				\$ 4,125.00

TASK 4. SITE SAFETY				
	QUANTITY	UNITS	RATE	TOTAL
SET UP AND BREAK DOWN	1	LUMP SUM	\$ 150.00	\$ 450.00

GROUNDWATER PUMP AND TREAT COST ESTIMATE

FENCING, BARRICADES, CONES, DELINEATORS & SIGNS RENTAL
 TOOL TRUCK (125 MILE ROUND TRIP X 15 TRIPS)
 HEALTH AND SAFETY PLAN

15	DAYS	\$ 120.00	\$ 1,800.00
1875	MILES	\$ 0.50	\$ 937.50
1	EACH	\$ 500.00	\$ 500.00
SUBTOTAL			\$ 3,687.50

TASK 5. TRENCH AND INSTALL SYSTEM PIPING

DOUBLE CONTAINED PIPING, FITTINGS, VALVES, CAPS, GLUE, etc.
 MOBE/DEMOBE EQUIP.
 SAW CUTTING ASPHALT AND CONCRETE
 TRENCH PLATE
 Utility Vaults (H-20 traffic rated)
 OPERATED BACKHOE
 COMPRESSOR AND JACKHAMMER
 LABORERS
 TOOL TRUCK PER 126 MILE ROUND TRIP, 4 DAYS, 2 TRUCKS

QUANTITY	UNITS	RATE	TOTAL
1	LUMP SUM	\$ 3,200.00	\$ 3,200.00
1	LUMP SUM	\$ 900.00	\$ 900.00
1	DAYS	\$ 2,800.00	\$ 2,800.00
40	WEEK	\$ 24.00	\$ 960.00
6	ea	\$ 2,400.00	\$ 14,400.00
3	DAYS	\$ 720.00	\$ 2,160.00
3	DAYS	\$ 450.00	\$ 1,350.00
160	HOURS	\$ 55.00	\$ 8,800.00
1008	MILES	\$ 0.50	\$ 504.00
SUBTOTAL			\$ 35,074.00

NOTE: SEE TASK #7 FOR BACKFILLING MATERIALS AND LABOR

TASK 6. PROFILE AND DISPOSE OF INVESTIGATION DERIVED WASTES¹

EQUIPMENT
 PLASTIC ROLLS
 BACKHOE
 JOB TRUCK
 PERSONNEL
 FIELD TECHNICIAN
 LABORERS
 SUBCONTRACTOR SERVICES
 PROFILING FEE
 LAB FEES (TPH-g, BTEX+MTBE, Fuel Oxys, Lead, one 4-Pt.
 SOIL DISPOSAL COST INCLUDING TRANSPORTATION
 MARKUP ON SUBCONTRACTORS AND MATERIALS @ 10%

QUANTITY	UNITS	RATE	TOTAL
4	EACH	\$ 75.00	\$ 300.00
2	DAYS	\$ 760.00	\$ 1,520.00
126	MILES	\$ 0.50	\$ 63.00
8	HOURS	\$ 75.00	\$ 600.00
16	HOURS	\$ 55.00	\$ 880.00
1	LUMP SUM	\$ 280.00	\$ 280.00
2	EACH	\$ 250.00	\$ 500.00
40	TON	\$ 55.00	\$ 2,200.00
SUBTOTAL			\$ 6,343.00

Assumes investigation derived wastes shall be accepted by the landfill to be disposed of as Class II Designated Waste. If soils are not a

TASK 7. BACKFILL, COMPACT AND REPAVE TRENCHES (5 DAYS)

MATERIAL
 CONTROLLED DENSITY FILL
 CONCRETE AND ASPHALT
 VIBRAPLATE
 BEDDING SAND
 OZONE WELL BOXES W/ TRAFFIC LIDS
 EQUIPMENT
 MOBE/DEMOBE EQUIP.
 OPERATED BOBCAT
 OPERATED BACKHOE
 PERSONNEL
 LABORERS (5 LABORERS X 5 DAYS)

QUANTITY	UNITS	RATE	TOTAL
55	CY	\$ 65.00	\$ 3,575.00
15	CY	\$ 105.00	\$ 1,575.00
2	DAYS	\$ 288.00	\$ 576.00
20	CY	\$ 37.00	\$ 740.00
23	EA	\$ 180.00	\$ 4,140.00
1 TIME EA.	LUMP SUM	\$ 900.00	\$ 900.00
20	HOURS	\$ 75.00	\$ 1,500.00
20	HOURS	\$ 105.00	\$ 2,100.00
120	HOURS	\$ 55.00	\$ 6,600.00
SUBTOTAL			\$ 18,131.00

TASK 8. INSTALL AND DEVELOP THREE NEW MONITORING WELLS

PERSONNEL
 PROJECT MANAGER
 ASSOCIATE ENGINEER
 EQUIPMENT
 JOB TRUCK (126 MI ROUNTRIP X 2 TRIPS)
 DO METER
 TURBIDITY METER
 CONDUCTIVITY/pH/TEMP METER

QUANTITY	UNITS	RATE	TOTAL
6	HOURS	\$ 90.00	\$ 540.00
20	HOURS	\$ 75.00	\$ 1,500.00
252	MILES	\$ 0.50	\$ 126.00
1	DAYS	\$ 40.00	\$ 40.00
1	DAYS	\$ 30.00	\$ 30.00
1	DAYS	\$ 40.00	\$ 40.00

GROUNDWATER PUMP AND TREAT COST ESTIMATE

WATER LEVEL SOUNDER	1	DAYS	\$ 25.00	\$ 25.00
2 INCH PUMP	1	DAYS	\$ 45.00	\$ 45.00
DRUMS	9	EA	\$ 55.00	\$ 495.00
SUBCONTRACTORS				
OPERATED DRILL RIG (2 MAN CREW)	<i>SEE TASK 9 BELOW</i>			
SURVEYOR (SURVEY SPARGE PTS AND 2 NEW WELLS)	1	LUMP SUM	\$ 900.00	\$ 900.00
MARKUP ON SUBCONTRACTORS AND MATERIALS @ 10%				\$ 90.00
		SUBTOTAL		\$ 3,831.00

TASK 9. INSTALL FOUR NEW HYDROPUNCH BORINGS				
PERSONNEL				
PROJECT MANAGER	2	HOURS	\$ 90.00	\$ 180.00
ASSOCIATE ENGINEER	10	HOURS	\$ 75.00	\$ 750.00
LABORERS FOR TRAFFIC CONTROL (2 LABORERS)	20	HOURS	\$ 55.00	\$ 1,100.00
EQUIPMENT				
JOB TRUCK (126 MI ROUNTRIP X 1 TRIP)	126	MILES	\$ 0.50	\$ 63.00
TRAFFIC CONTROL DELINEATORS, BARRICADES, SIGNS	20	EA	\$ 15.00	\$ 300.00
ENCORE SAMPLERS	20	EA	\$ 12.00	\$ 240.00
BRASS TUBES	4	EA	\$ 9.00	\$ 36.00
SUBCONTRACTORS				
OPERATED DRILL RIG	BID ATTACHED Lump Sum			\$ 17,340.00
LAB ANALYSES				
SOIL FUEL OXYGENATES	4	EA	\$ 150.00	\$ 600.00
SOIL TPH-g/BTEX	4	EA	\$ 65.00	\$ 260.00
WATER FUEL OXYGENATES	4	EA	\$ 150.00	\$ 600.00
WATER TPH-g/BTEX	4	EA	\$ 65.00	\$ 260.00
MARKUP ON SUBCONTRACTORS AND MATERIALS @ 10%				\$ 1,906.00
		SUBTOTAL		\$ 23,635.00

TASK 10. INSTALL EXTRACTION WELLS, EQUALIZATION TANK, GAC TREATMENT SYSTEM, SYSTEM STARTUP				
MATERIAL				
Pneumatic Control Unit (transfer pump flow totalizer and bag filters)	1	ea	12000	\$ 12,000.00
Air Compressor	1	ea	2000	\$ 2,000.00
Equipment Compound (10' X 20')	1	ea	3200	\$ 3,200.00
Fencing	1	ea	2000	\$ 2,000.00
Equalization Tank (500-gal)	1	ea	1200	\$ 1,200.00
Shed	1	ea	1500	\$ 1,500.00
Pneumatic Pumps	6	ea	1500	\$ 9,000.00
GAC Vessels @ X 2,000lb)	2	ea	4800	\$ 9,600.00
Connect to Sewer	1	lump sum	5000	\$ 5,000.00
LABOR				
Supervisor	40	ea	90	\$ 3,600.00
Laborer	40	ea	55	\$ 2,200.00
Pipefittter	40	ea	75	\$ 3,000.00
SUBCONTRACTORS				
ELECTRICIAN	1	Lump Sum	\$3,600	\$ 3,600.00
OPERATED DRILL RIG (2 MAN CREW)	1	Lump Sum	\$12,000.00	\$ 12,000.00
MARKUP ON SUBCONTRACTORS AND MATERIALS @ 10%				\$ 6,990.00
		SUBTOTAL		\$ 76,890.00

TASK 11. SYSTEM OPERATION & MAINTENANCE FOR SIX MONTHS				
EQUIPMENT				
ELECTRICITY TO RUN SYSTEM	6	MONTHS	\$200.00	\$ 1,200.00
JOB TRUCK (9 TRIPS X 126 MI)	1134	MILES	\$0.50	\$ 567.00
DISPOSAL AND REPLACEMENT OF GAC (assume 2 changeouts)	8000	LBS	\$2.50	\$ 20,000.00
PERSONNEL				
TECHNICIAN 9 TRIPS @ 8 HRS. PER TRIP	72	HOURS	\$75.00	\$ 5,400.00
DOES NOT INCLUDE REPLACEMENT PARTS				
		SUBTOTAL		\$ 27,167.00

GROUNDWATER PUMP AND TREAT COST ESTIMATE

TASK 12. START UP GROUNDWATER MONITORING AND ANALYSES SAMPLING 6 WELLS ON A WEEKLY BASIS FOR 8 WEEKS (48 samples)				
	QUANTITY	UNITS	RATE	TOTAL
EQUIPMENT AND MATERIALS				
JOB TRUCK (126 MI ROUNTRIP X 8 TRIPS)	1008	MILES	\$ 0.50	\$ 504.00
DO METER	8	DAYS	\$ 40.00	\$ 320.00
EH METER	8	DAYS	\$ 30.00	\$ 240.00
TURBIDITY METER	8	DAYS	\$ 30.00	\$ 240.00
CONDUCTIVITY/pH/TEMP METER	8	DAYS	\$ 40.00	\$ 320.00
WATER LEVEL SOUNDER	8	DAYS	\$ 25.00	\$ 200.00
BAILERS	48	EA	\$ 15.00	\$ 720.00
SAMPLE DISPOSABLES	8	DAYS	\$ 25.00	\$ 200.00
PERSONNEL				
ENVIRONMENTAL TECHNICIAN (8 HRS X 8 EVENTS)	64	HOURS	\$ 75.00	\$ 4,800.00
SUBCONTRACTORS				
LAB ANALYSES				
FUEL OXYGENATES	48	EA	\$ 150.00	\$ 7,200.00
TPH-g/BTEX	48	EA	\$ 55.00	\$ 2,640.00
MARKUP ON SUBCONTRACTORS AND MATERIALS @ 10%				\$ 984.00
SUBTOTAL				\$ 18,368.00

	AMOUNT	UNITS	RATE	TOTALS
TASK 13. REPORTING				
REMEDIAL ACTION PLAN	ALREADY BILLED			
SYSTEM STARTUP REPORT (As built, Start Up Monitoring Data, etc.)	1	EACH	\$ 3,500.00	\$ 3,500.00
SUBTOTAL				\$ 3,500.00

NOTE: QUARTERLY MONITORING REPORTS NOT INCLUDED IN THIS ESTIMATE

TOTAL PROJECT ESTIMATE	252,899.00
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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 4, 2003

Mr. Reed Rinehart
Rinehart Distribution, Inc.
P.O. Box 725
Ukiah, CA 94582

Dear Mr. Rinehart:

Subject: Fuel Leak Case RO0000234, 1107 5th St., Oakland CA 94607

Alameda County Environmental Health, Local Oversight Program (LOP) staff has reviewed the subject site including the Quarterly Monitoring Report Fourth Quarter-2002 and Interim Remedial Action Plan from W. A. Craig. The work plan is conditionally approved subject to the technical comments below.

Technical Comments


1. Three (3) additional monitoring wells are proposed to further delineate the petroleum plume. Two are proposed off-site on the north side of 5th St. and the third is proposed in the northeast corner of the site. This third well, MW-14, should also be included in your sampling during the evaluation of the proposed ozone treatment system.
2. The installation of a hydrocarbon skimmer into MW-7 is approved as an initial approach to remove free product. You should continue to determine if the free product in this area is the result of past or current tank system releases.
3. Four hydropunch borings are proposed along the sewer corridor previously investigated. Two borings are proposed to the west and two to the east of the previous borings. The previous conduit study results were not conclusive. Although significant elevated MTBE concentrations were detected in these samples it is uncertain whether they represent preferential migration or are just representative of a large MTBE plume. The additional borings will help determine which of these conditions exists. It appears that the borings to the east are not necessary given the results (34 ppb MTBE) found in boring B-5. However, if the borings to the west detect significant MTBE, you should also investigate any sewer lateral within Adeline St. that connects with the 5th St. lateral.
4. Our office concurs with the proposed interim remedial approach proposed, ozone sparging. The site conditions appear amenable to this approach and this technology has been shown effective in treating the contaminants found at this site. Quick determination of the effectiveness of this remediation can be observed using the existing monitoring wells and this approach is the most cost effective among those considered by your consultant (excavation, air sparging with vapor extraction and groundwater extraction).

Mr. Reed Rinehart
RO0000234
1107 5th St., Oakland CA 94607
March 4, 2003
Page 2

You may proceed with the proposed actions upon addressing the mentioned items. Please provide your status of this work in your monitoring reports.

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

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

✓ C: B. Chan, files

Mr. Tim Cook, W. A. Craig, Inc., 6940 Tremont Rd., Dixon, CA 95620

Mr. S.Ramdass, SWRCB Cleanup Fund, 1001 I St., P.O. Box 944212, Sacramento, CA 94244

IntRAP1107 5th St.

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



November 18, 2002

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

Mr. Reed Rinehart
Rinehart Distribution, Inc.
P.O. Box 725
Ukiah, CA 94582

Dear Mr. Rinehart:

Subject: Fuel Leak Case [REDACTED] Oakland Truck Stop, 1107 5th St., Oakland CA 94607

Alameda County Environmental Health, Local Oversight Program (LOP), has received and reviewed the October 28, 2002 Quarterly Groundwater Monitoring and Utility Corridor Investigation Report Third Quarter 2002 for the referenced site, prepared by W. A. Craig, Inc. I have also discussed the report with Mr. Tim Cook. Please address the following technical comments:

- The utilities appear to be acting as a conduit for preferential contaminant migration. Please confirm the extent of this contamination in the utility.
- The extent of the contamination has not been fully determined. Your consultant proposes to install two additional wells on the north side of 5th St. Please confirm the location of these proposed wells and consider additional wells, as necessary, to fully characterize the plume.
- Mr. Cook has recommended the installation of an ozone sparging system as an interim remedial action given the high TPH and MTBE concentration in groundwater both on and off-site. Please provide a site-specific work plan for performing a pilot test using this technology and your rationale for choosing this technique.
- Free product removal should also be performed as part of your interim remediation. Your report stated free product was observed in wells MW-7 and MW-8.

Please submit your work plan and response to these technical comments within 30 days or no later than December 20, 2002.

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

Sincerely,

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

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files

Mr. T. Cook, W. A. Craig, Inc., 6940 Tremont Road, Dixon, CA 95620

Mr. S. Ramdass, SWRCB Cleanup Fund, 1001 I St., 17th Floor, Sacramento, CA 95814-2828

Intwp1107 5thSt

Chan, Barney, Env. Health

From: Chan, Barney, Env. Health
Sent: Tuesday, November 12, 2002 5:03 PM
To: 'tcook@wacraig.com'
Subject: 1107 5th St.

Co 234

Tim:

I have received and reviewed the QMR/Utilities Investigation report. Got some questions.

- Do you conclude that the utilities are impacted? *Yes*
- Don't you need to follow the utility to see how far the contamination goes in all directions? *Maybe not, trench doesn't direct flow*
- Can you provide a map of the proposed location of the proposed offsite wells? If the sewer is acting as a conduit what amount of contamination is going beyond the conduit and what is migrating along the utility?
- Are you still pursuing PFP? If so, can we eliminate the FS/CAP step?
- What kind of remediation can be done as an interim? Think it should be from all northerly wells or concentrate on the northern portion of the property.

O3, propose 10 sample points

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

- Need an interpretation of contamination ^{offsite} migration. Are the utilities a conduit or not?
- Need to define the plume.
- Status of current tank system, test results? What is the tank, piping + dispenser configuration?
- What, if any, effect will ~~the~~ BART & Freeway have on the plume migration?

Bromate [?] → Bromide

Ferdinand K Chen
1131 Eagle Nest Court
Danville, CA 94506
Tel(925) 736-9788
Fax(925)736-9131

20234

facsimile transmittal

#922

To:	Tim Cook, W.A. Craig, Inc.	Fax:	(707) 693-2922
From:	Ferdinand K. Chen	Date:	12/28/2001
Re:	Site Access for Monitoring Well	Pages:	1
CC:	Barney Chan, Alameda County Health Care service Agency		(510)337-9335

Urgent For Review Please Comment Please Reply Please Recycle

Dear Mr. Cook:

Your request of site access for monitoring well shall be granted provided that you and your client agree to accept the terms and conditions prepared by our attorney and paid for the attorney service charge \$750.

We are looking forward to your earlier response.

Ferdinand Chen, Owner

360 Adeline St., Oakland

.....

Rino Pacific, LLC
2401 North State Street
Ukiah, CA 95482
(707) 462-8811

NOV 13 2001

D. [redacted] H
BC

November 8, 2001

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

Re: Your Case # StID 922/RO0000234

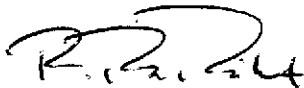
Dear Mr. Chan:

I am writing in response to your letter dated October 30, 2001. Attached please find in chronological order the amount of free product that was removed at the site when we first discovered a leak. Additionally I have attached a map of the facility showing the locations of the recovery wells that were installed in 1995.

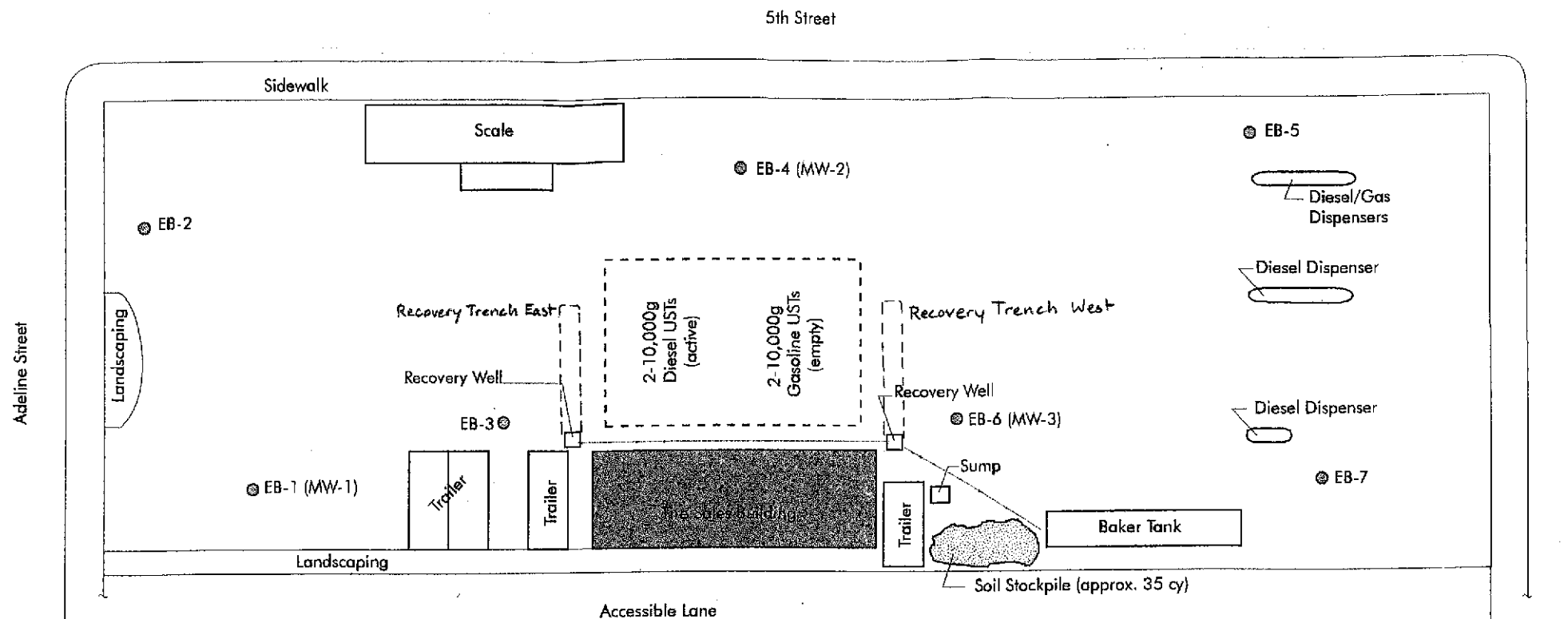
I believe our consultant Tim Cook at W.A. Craig is addressing all the other issues mentioned in your letter.

If there are any questions or concerns please feel free to contact either our consultant at (707) 693-2929 or myself at (707) 462-8811.

Sincerely,



R. Reed Rinehart
Rino Pacific, LLC



EXPLANATION

- ⊙ EB-1 Exploratory Borehole (proposed)
- (MW-1) Monitoring Well Location (proposed)



Approximate Scale: 1 Inch = 30 Feet

NOTE: Site features and locations were approximated by pacing and should be considered accurate only to the degree implied.



W. A. CRAIG, INC.

Environmental Contracting and Consulting

P. O. Box 448
Napa, California 94559-0448
Cal License #455752

(707) 252-3353
FAX (707) 252-3385

Project No. 3628.2

September 1996

SITE PLAN
Subsurface Investigation Workplan
1107 5th Street
Oakland, CA

Figure 1

Checked by:

**Free Product Removal
1107 5th Street
Oakland, CA**

Date	Vendor	Free Product Removal	Units	Date Disposed	Vendor	Invoice	Manifest number	Description
2/14/95	Bernabe & Brinker	100	Gallons	2/22/95	Enviropur West Corp	87867	95605870	
2/15/95	Bernabe & Brinker	300	Gallons	2/22/95	Enviropur West Corp	87859	95605870	
2/16/95	Bernabe & Brinker	220	Gallons	3/3/95	Enviropur West Corp	87859	95605870	
2/18/95	Bernabe & Brinker	220	Gallons	4/25/95	Pacific Petrochemical	89883	Not Available	Attempts made to get Manifest from Brinker and Pacific not successful
2/25/95	Bernabe & Brinker	220	Gallons	4/25/95	Pacific Petrochemical	89883	Not Available	
2/26/95	Bernabe & Brinker	110	Gallons	4/25/95	Pacific Petrochemical	89883	Not Available	
2/27/95	Bernabe & Brinker	330	Gallons	4/25/95	Pacific Petrochemical	89883	Not Available	
2/28/95	Bernabe & Brinker	330	Gallons	4/25/95	Pacific Petrochemical	89883	Not Available	
6/13/96	Pacific Petrochem	257	Gallons	6/13/96	Pacific Petrochemical	N/A	Not Available	Product pumped from recovery well into larger tank
Total Volume removed		2087	Gallons					

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, 2002

Mr. Reed Rinehart
Rinehart Distribution, Inc.
P.O. Box 725
Ukiah, CA 95482

Dear Mr. Rinehart:

Subject: Fuel Leak Site No. RO0000234, Oakland Truck Stop, 1107 5th St., Oakland 94607

Alameda County Environmental Health, Local Oversight Program (LOP), has received and reviewed the June 28, 2002 Subsurface Conduit Investigation Work Plan prepared by W. A. Craig, Inc., your consultant. The work plan identifies the sanitary sewer line adjacent to this site as the most likely impacted utility based upon its depth and location. As part of characterizing the extent of the petroleum release from the underground tanks at this site, it is necessary to determine if the nearby utilities act as conduits for contaminant migration. This work plan, on Figure 2, indicates eight borings adjacent to the sanitary sewer line. Both soil and groundwater samples would be collected for chemical analysis. The work plan states that up to six borings will be advanced, however, it appears that the actual number of borings could be up to eight. The work plan is approved, with the condition that one of the borings be advanced near the corner of Adeline and 5th Streets. This would indicate the probability of contamination migrating down Adeline St. instead of Chestnut St. One of the borings along Chestnut St. could be exchanged for this boring without loss of information and without increasing the number of borings. I understand that this work is scheduled for July 18, 2002.

You may contact me at 510-567-6765 if you have any questions.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

✓ C: B. Chan, files

Mr. T. Cook, W. A. Craig, Inc., 6940 Tremont Rd., Dixon, CA 95620-9603

Conduitwp1107 5thSt

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 23, 2002

Mr. Reed Rinehart
Rinehart Distribution, Inc.
P.O. Box 725
Ukiah, CA 94582

Subject: Fuel Leak Site No. RO0000234, Oakland Truck Stop, 1107 Fifth St., Oakland, CA 94607

Dear Mr. Rinehart:

This letter responds to W. A. Craig, your consultant, May 6, 2002 request for an extension for the submittal of a conduit and preferential pathway report for the referenced property. An extension date of August 30, 2002 is requested. Our office had requested this report be submitted by May 15, 2002. It was our intention that the initial investigation would be theoretical first with actual sampling to follow. Mr. Tim Cook of W. A. Craig clarified this issue stating that the investigation would involve both. He will provide our office with copies of utility and conduit maps and propose logical sampling points for our concurrence.

With this clarification and understanding, the requested extension to August 30, 2002 is granted. At that time, a report of findings from the preferential pathway survey, along with recommendations should be submitted to our office. In addition, interim remediation should be proposed and implemented in the vicinity of MW-7.

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

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

✓ C: B. Chan, files

Mr. T. Cook, W. A. Craig, Inc., 6940 Tremont Rd., Dixon, CA 95620

Mr. S. Ramdass, SWRCB, 1001 I St., P.O. Box 944212, Sacramento, CA 94244

Wpext1107 5th St



State Water Resources Control Board

Division of Clean Water Programs

1001 I Street • Sacramento, California 95814
 P.O. Box 944212 • Sacramento, California • 94244-2120
 (916) 341-5757 • FAX (916) 341-5806 • www.swrcb.ca.gov/cwphome/ustcf



Gray Davis
 Governor

Winston H. Hickox
 Secretary for
 Environmental
 Protection

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our website at www.swrcb.ca.gov.

June 5, 2002

JUN 17 2002

Rino Pacific, Llc.
 Reed Rinehart
 P O Box 725
 Ukiah, CA 95482

**PRE-APPROVAL OF CORRECTIVE ACTION COSTS,
 CLAIM NO. 013192, PA # 2
 SITE ADDRESS: 1107 5TH ST, OAKLAND, CA 94607**

I have reviewed your request, received on May 23, 2002, for pre-approval of corrective action costs. I have included a copy of the "Cost Pre-Approval Request" form; please use this form in the future for requesting pre-approval of corrective action costs.

With the following provisions, the total cost pre-approved as eligible for reimbursement for completing the April 8, 2002, W. A. Craig, Inc. workplan approved by the Alameda County EHD (County) in their April 15, 2002 letter, is \$ 12,924; see the table below for a breakdown of costs. *(The total amount that has been reimbursed and approved for payment up to this point is \$ 237,515.)*

Be aware that this pre-approval does not constitute a decision on reimbursement: **necessary** (as determined by the Fund) corrective action costs for action work **directed and approved by the County** will be eligible for reimbursement at costs consistent with those pre-approved in this letter. However, depending on what happens in the field, some costs may not actually be necessary.

In an effort to expedite future reimbursement requests associated with the implementation of the corrective action tasks pre-approved in this letter, we ask that the attached 'Pre-Approval Specific Reimbursement Request Form' be completed, updated and submitted with each reimbursement request. All relevant supporting documentation must also be included with each reimbursement request.

In order for future costs for corrective action to be part of the expedited reimbursement process, they must be pre-approved in writing by Fund staff.

All costs for corrective action must meet the requirements of Article 11, Chapter 16, Underground Storage Tank Regulations in order to be eligible for reimbursement.

JUN 17 2002

June 5, 2002

COST PRE-APPROVAL BREAKDOWN

#	Task*	Amount Pre-Approved	Comments
1	Project Development and Regulatory Correspondence	\$3,080	This cost includes all time, materials and markups associated with task. Copies of all permits must be submitted to the Fund.
2	Onsite Technical Supervision and Materials	\$1,310	
3	Drilling and Surveying (GPS)	\$3,025	This cost includes all time, materials and markups associated with this task. (Abandon one well and install three additional monitoring wells.)
4	Soil and Groundwater Analysis	\$3,464	This cost includes all time, materials and markups associated with this task.
5	Site Investigation Report	\$2,045	Copies of all reports must be submitted to the Fund.
	TOTAL PRE-APPROVED	\$ 12,924	

* Task descriptions are the same as those identified in W. A. Craig, Inc.'s May 7, 2002 cost estimate.

- Only the tasks/costs reflected on the above table are pre-approved at this time. The Fund will review any tasks/costs that go beyond the pre-approved amount to be determined if the additional tasks and costs are necessary and reasonable. However, if costs exceed the above pre-approved amounts, the Fund will be unable to expedite your Reimbursement Request.
- The work products must be acceptable to the County and the Regional Water Quality Control Board.
- If a different scope of work becomes necessary, then you must request pre-approval of costs on the new scope of work.
- Although I have referred to the W. A. Craig, Inc. proposal in my pre-approval above, please be aware that you will be entering into a private contract: the State of California cannot compel you to sign any specific contract. This letter **pre-approves the costs** as presented in the proposal dated May 7, 2002 by W. A. Craig, Inc. for conducting the work approved by the County.

I also want to remind you that the Fund's regulations require that you obtain at least three bids, or a bid waiver from Fund staff, from qualified firms for all necessary future corrective action work. If you need assistance in procuring contractor and consultant services, don't hesitate to call me.

JUN 17 2002

June 5, 2002

Please remember that it is still necessary to submit the actual costs of the work as explained in the Reimbursement Request Instructions to confirm that the costs are consistent with this pre-approval before you will be reimbursed. ***Please insure that your consultant prepares their invoices to include the required breakdown of costs on a time and materials basis, that invoiced tasks are consistent with the original proposal, and that reasonable explanations are provided for any changes made in the scope of work or increases in the costs. When the invoices are submitted you must include copies of all:***

- *subcontractor invoices,*
- *technical reports, when available, and*
- *applicable correspondence from the County.*

Please call if you have any questions; I can be reached at (916) 341-5757.

Sincerely,

Sunil Ramdass.

Sunil Ramdass, Water Resources Control Engineer
Technical Review Unit
Underground Storage Tank Cleanup Fund

Enclosure

cc: Ms. Donna Drogos
Alameda County EHD
1131 Harbor Bay Pkway, 2nd Fl.
Alameda, CA 94502-6577

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 15, 2002
RO0000234

Mr. Reed Rinehart
Rinehart Distribution, Inc.
P.O. Box 725
Ukiah, CA 94582

Re: Fuel Leak Site, RO0000234, Oakland Truck Stop, 1107 Fifth St., Oakland, CA 94607

Dear Mr. Rinehart:

Alameda County Environmental Health, Local Oversight Program (LOP), has received and reviewed the Quarterly Monitoring Report February 2002 for the referenced site prepared by W. A. Craig. Elevated Total Petroleum Hydrocarbons as gasoline (TPHg), as diesel (TPHd), BTEX and MTBE remain at the site at levels consistent with past readings. This letter serves to clarify the likely future actions necessary to further this site toward closure. It also confirms the items discussed on February 25, 2002 at the Water Board during a meeting with the State and Regional Water Boards, your consultant and representatives from Alameda County Environmental Health, LOP.

Technical Comments

1. It was agreed by all parties, this site would be a good candidate for the Pay for Performance (PFP) program, which seeks expedited site cleanup. Therefore the concept of PARGs, preliminary active remediation goals, was accepted. It was acknowledged that these goals would not necessarily guarantee for site closure once the 100% reduction step had been met. The site could be closed, require a new PFP or continued monitoring.
2. Typically a site must be adequately characterized before entering the PFP program. To do this, our office requests the performance of a conduit study and preferential pathway investigation including soil and groundwater sampling.
3. Groundwater gradient needs to be better defined. Therefore, our office has concurred with the destruction of MW-3 and its reinstallation and the installation of two off-site wells. Once the gradient is understood, an off-site investigation is necessary to determine the extent of the contaminant plume. The site could then enter the PFP program and cleanup milestones with PARGs proposed.
4. Interim remediation near MW-7 should be considered given the presence of free product and elevated MTBE.

Please submit the results of a conduit study and preferential pathway by May 15, 2002. You may contact me at (510) 567-6765 if you have any questions or comments.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

✓ C: B. Chan, files

Mr. T. Cook, W. A. Craig, Inc., 6940 Tremont Road, Dixon, CA 95620
Mr. D. Charter, SWRCB, 1001 I St., P.O. Box 944212, Sacramento, CA 94244

Clar1107 5th St

R0234
CHAN



State Water Resources Control Board



Winston H. Hickox
Secretary for
Environmental
Protection

Division of Clean Water Programs

1001 I Street • Sacramento, California 95814
P.O. Box 944212 • Sacramento, California • 94244-2120
(916) 341-5742 • FAX (916) 341-5806 • www.swrcb.ca.gov/cwphome/ustcf

Gray Davis
Governor

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our website at www.swrcb.ca.gov.

March 18, 2002

Rino Pacific, Llc.
Reed Rinehart
P O Box 725
Ukiah, CA 95482

MAR 26 2002

PRE-APPROVAL OF CORRECTIVE ACTION COSTS, CLAIM NO. 013192, PA # 1 SITE ADDRESS: 1107 5TH ST, OAKLAND, CA 94607

I have reviewed your request, received on March 13, 2002, for pre-approval of corrective action costs. I have included a copy of the "Cost Pre-Approval Request" form; please use this form in the future for requesting pre-approval of corrective action costs.

With the following provisions, the total cost pre-approved as eligible for reimbursement for completing the October 22, 2001, W. A. Craig, Inc. workplan approved by the Alameda County EHD (County) in their October 30, 2001 letter, is **\$ 14,911**; see the table below for a breakdown of costs.

Be aware that this pre-approval does not constitute a decision on reimbursement: **necessary** (as determined by the Fund) corrective action costs for action work **directed and approved by the County** will be eligible for reimbursement at costs consistent with those pre-approved in this letter. However, depending on what happens in the field, some costs may not actually be necessary. If the Fund agrees that they were in fact necessary, the Fund will reimburse at reasonable rates (rates consistent with those pre-approved.)

In an effort to expedite future reimbursement requests associated with the implementation of the corrective action tasks pre-approved in this letter, we ask that the attached 'Pre-Approval Specific Reimbursement Request Form' be completed, updated and submitted with each reimbursement request. All relevant supporting documentation must also be included with each reimbursement request.

In order for future costs for corrective action to be part of the expedited reimbursement process, they must be pre-approved in writing by Fund staff.

All costs for corrective action must meet the requirements of Article 11, Chapter 16, Underground Storage Tank Regulations in order to be eligible for reimbursement.

MAR 26 2002

COST PRE-APPROVAL BREAKDOWN

#	Task*	Amount Pre-Approved	Comments
1	Project Development and Regulatory correspondence	\$3,025	Obtaining appropriate regulatory permits and approvals.
2	On Site Technical Supervision and Materials	\$1,945	W. A. Craig, Inc.'s staff. will implement the scope of the workplan, provide materials and supervise field work.
3	Drilling Subcontractor	\$3,260	One 21-foot well will be abandoned and three 14-foot new monitoring wells will be installed. It should be mentioned that the disposal of drilling cutting is not included in this scope of work.
4	Exploratory Soil Boring and Sampling	\$ 998	The field geologist will observe and record lithologic changes and other field related works.
5	Well Development	\$1,070	The three new wells will be developed, and continue until all field physical parameters (I.e., Temperature, pH and turbidity...) stabilize and the water is relatively clear and free of silt and sand.
6	Monitoring Well Sampling and Survey	\$2,568	The three new wells along with the seven on-site monitoring wells will be monitored on a quarterly schedule basis for one year (per Mr. Tim Cook telephone conversation of 3/18/02). In addition, the new wells will be surveyed for horizontal and vertical control.
7	Subsurface Investigation Report	\$2,045	A site investigation report will be prepared and submitted to the ACHCs and the RWQCB. The report will include a summary of all field work performed, a tabulation of analytical results, conclusion and recommendations for additional investigation or remediation work, if necessary.
TOTAL PRE-APPROVED		\$ 14,911	

* Task descriptions are the same as those identified in W. A. Craig, Inc.'s December 17, 2001 cost estimate.

- Only the tasks/costs reflected on the above table are pre-approved at this time. The Fund will review any tasks/costs that go beyond the pre-approved amount to be determined if the additional tasks and costs are necessary and reasonable. However, if costs exceed the above pre-approved amounts, the Fund will be unable to expedite your Reimbursement Request.
- The work products must be acceptable to the County and the Regional Water Quality Control Board.

- If a different scope of work becomes necessary, then you must request pre-approval of costs on the new scope of work.
- Although I have referred to the W. A. Craig, Inc. proposal in my pre-approval above, please be aware that you will be entering into a private contract: the State of California cannot compel you to sign any specific contract. This letter **pre-approves the costs** as presented in the proposal dated December 17, 2001 by W. A. Craig, Inc. for conducting the work approved by the County for implementing the October 22, 2001, W. A. Craig, Inc. workplan.

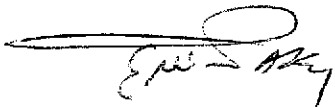
I also want to remind you that the Fund's regulations require that you obtain at least three bids, or a bid waiver from Fund staff, from qualified firms for all necessary future corrective action work. If you need assistance in procuring contractor and consultant services, don't hesitate to call me.

Please remember that it is still necessary to submit the actual costs of the work as explained in the Reimbursement Request Instructions to confirm that the costs are consistent with this pre-approval before you will be reimbursed. ***Please insure that your consultant prepares their invoices to include the required breakdown of costs on a time and materials basis, that invoiced tasks are consistent with the original proposal, and that reasonable explanations are provided for any changes made in the scope of work or increases in the costs. When the invoices are submitted you must include copies of all:***

- *subcontractor invoices,*
- *technical reports, when available, and*
- *applicable correspondence from the County.*

Please call if you have any questions; I can be reached at (916) 341-5742.

Sincerely,



Abdul "Karim" Yusufzai, Associate Engineering Geologist
Technical Review Unit
Underground Storage Tank Cleanup Fund

Enclosure

cc: Ms. Donna Drogos
Alameda County EHD
1131 Harbor Bay Pkway, 2nd Fl.
Alameda, CA 94502-6577

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

October 30, 2001
StID 922/RO0000234

Mr. Reed Rinehart
Rinehart Distribution, Inc.
P.O. Box 725
Ukiah, CA 94582

**Re: Site Investigation Work Plan (Revision 1), Oakland Truck Stop, 1107 5th St.,
Oakland CA 94607**

Dear Mr. Rinehart:

Our office has received and reviewed the October 22, 2001 Revised Work Plan for the referenced site as prepared by W. A. Craig, Inc. The work plan incorporates my comments to the original October 1, 2001 Site Investigation Work Plan. That work plan proposed numerous off-site borings equally spaced to the west, north and east of the site and two borings to the south. The numerous borings were proposed because the groundwater gradient was uncertain, therefore, all prior gradient directions were investigated. Instead of these numerous borings, our office recommended that you confirm groundwater gradient, then fewer strategic borings could be advanced. It is also likely that further down-gradient borings beyond those proposed will be necessary given the elevated MTBE concentrations in on-site wells. To better characterize the gradient, the work plan proposes well MW3 be properly closed and a new well next to it be installed. In addition, the two borings proposed to the south of the site will be converted into wells. These wells will be used to determine the extent of the contaminant plume in the southern direction as well as help verify gradient direction. It was noted that Aramark Inc. at 330 Chestnut St. is located immediately east of this site and has historically exhibited a southwest groundwater gradient, that is typically assumed in this area.

The revised work plan, ie the closure of MW3 and installation of MW-9 and MW-10 is approved. A minimum of one soil sample from the boring with the highest screening result should be analyzed along with a groundwater sample for the following analytes: TPHd, TPHg, BTEX and MTBE. These wells will be incorporated in the monitoring program for the site. Please have your consultant review the validity of all wells when determining the gradient, ie wells MW5 and MW-6 may be installed within the backfill of the existing underground tanks and should not be used in gradient determination. Please determine the viability of removing groundwater from these two wells as interim remediation for the elevated MTBE plume. Other anomalous results from wells should also be considered for omission in gradient determination.

Mr. Reed Rinehart
StID 922/RO0000234
1107 5th St., Oakland 94607
October 30, 2001
Page 2

You are also requested to perform soil sampling along the former piping runs and near the former dispensers since this sampling was apparently not performed during the 2/99 underground tank removals. This information will better characterize the site and may identify additional source areas. Please provide sample locations on Figure 2 of the submitted work plan revision.

Please also respond to the first two items in my October 2, 2001 letter. I requested clear maps (to scale) indicating the locations of former tank pit samples, recovery wells, trenches and sumps, tabulated analytical results and records documenting the disposal of free product and groundwater from interim remedial actions.

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

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

✓ C: B. Chan, files

Mr. Tim Cook, W. A. Craig, 6940 Tremont Road, Dixon, CA 95620

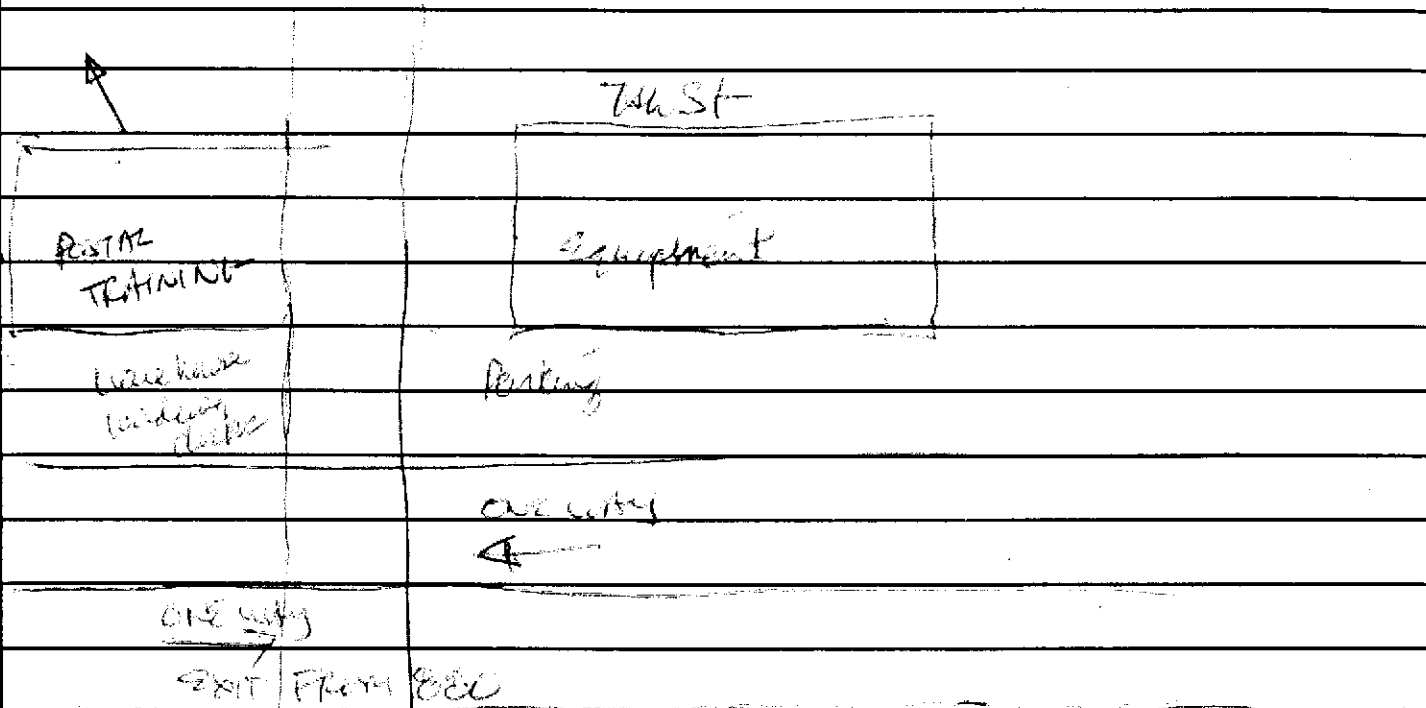
RevWP1107 5thSt

HAZARDOUS WASTE GENERATOR INSPECTION REPORT

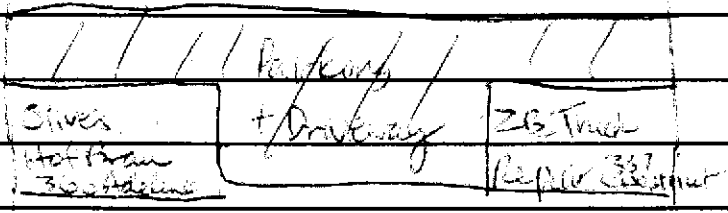
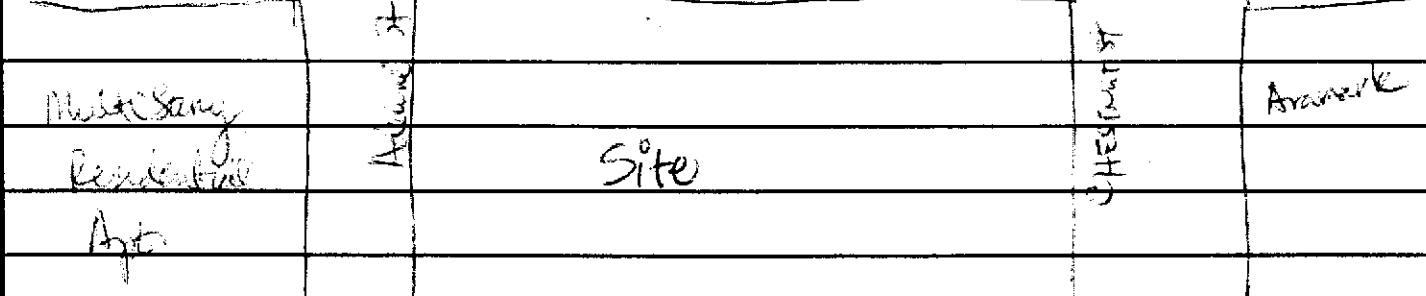
STID #: _____ FACILITY NAME: CALLAND TRUCK STOP PG. 1 OF 2

SUPPLEMENTAL FORM

Calland Truck Stop



ISLAND BAY OVERHEAD (City of Oakland)
 5th St ~ 50'



PRINT NAME: _____ INSPECTED BY: BETHAN
 SIGNATURE: _____ DATE: 10/9/01

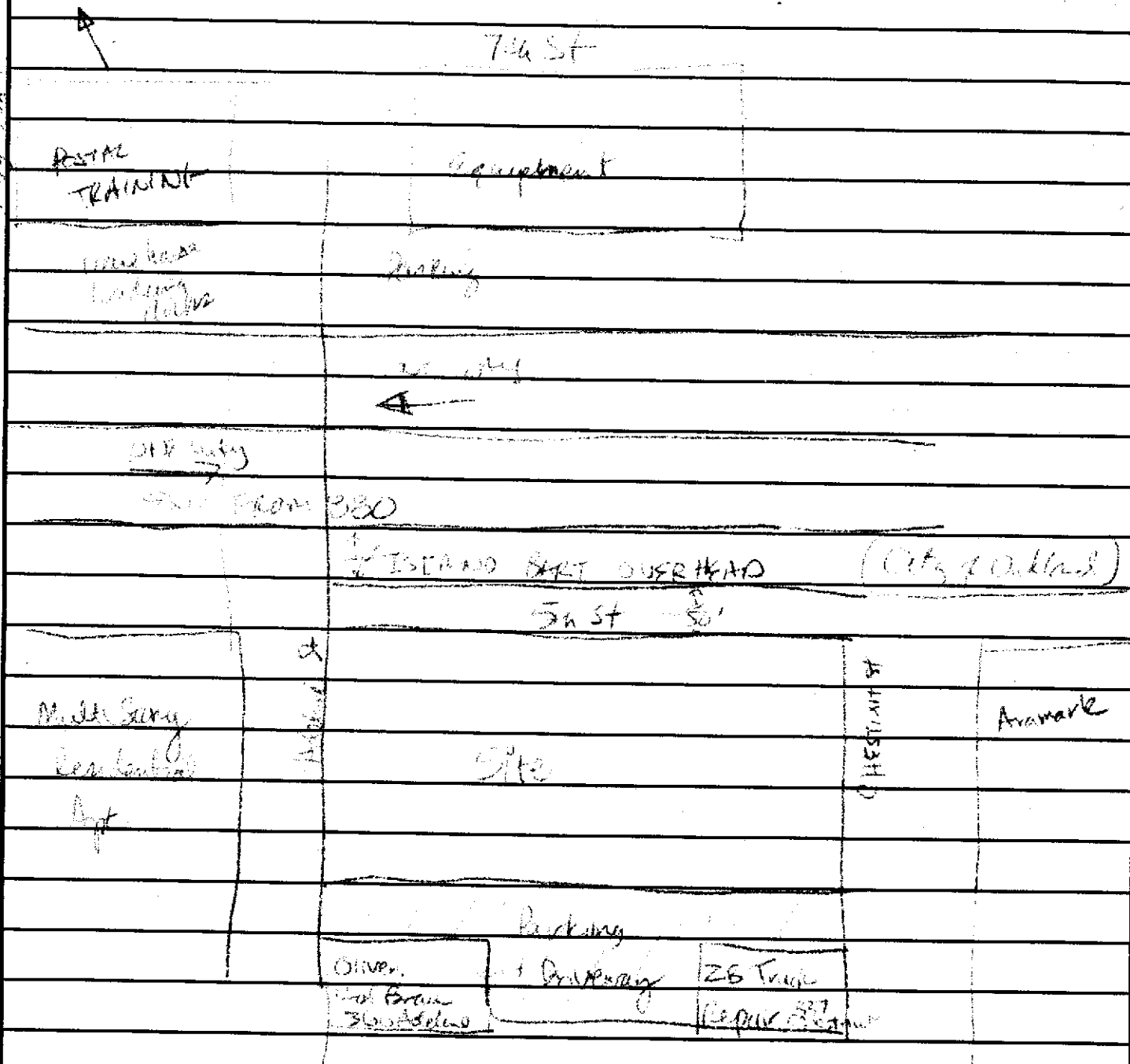
Site Address: Third St.

HAZARDOUS WASTE GENERATOR INSPECTION REPORT

STID #: _____ FACILITY NAME: OAKLAND TRUCK STOP PG. 1 OF 2

SUPPLEMENTAL FORM

50' for storage
 Alameda



PRINT NAME: _____ INSPECTED BY: BEHAN

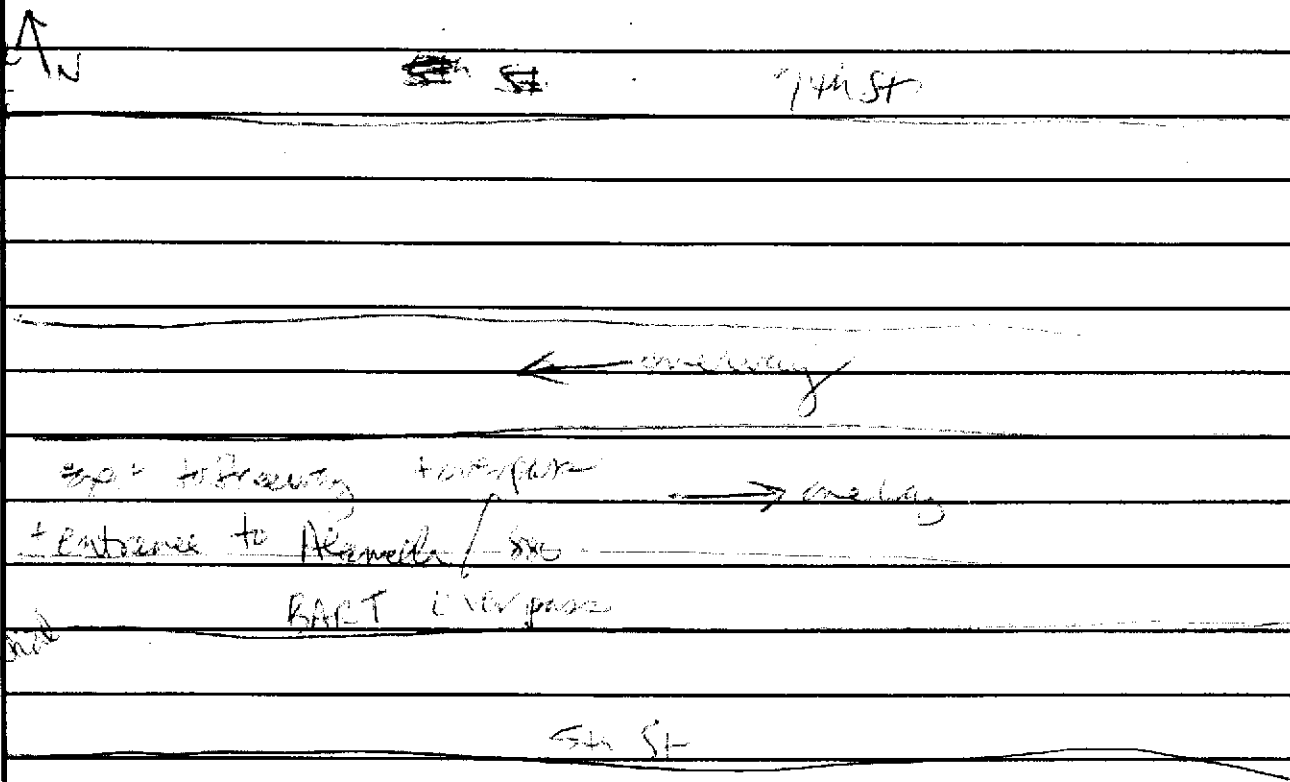
SIGNATURE: _____ DATE: 10/19/01

HAZARDOUS WASTE GENERATOR INSPECTION REPORT

STID #: FACILITY NAME: CLARK & P TRACK STOP PG. 2 OF 2

SUPPLEMENTAL FORM

Mainline + 7m
 well
 Arden St
 Main St
 String
 Powder
 Arden St
 Main St



7th St
 5th St
 Main St
 Arden St

Spoke w/ WORKER ON SITE:
 TOLD ME THAT THE WESTERN MUST DISPENSER WAS NOT
 PRESENT DURING TANK REMOVAL AND THAT HE BELIEVED
 DISPENSER SAMPLES WERE TAKEN

10/19/01 Spoke w/ Tim Cook - decided to do up in phases
 1st phase: re-metallize 3 & convert 2 Southern boring
 into wells to verify gradient. Any weathering bearing
 should be across 5th St. / perhaps because Cell Tanks.

CHESTER

PRINT NAME: INSPECTED BY: B CHAN
 SIGNATURE: DATE: 10/19/01

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 27, 2001
StID # 922/RO0000234

Mr. Reed Rinehart
Rinehart Distribution, Inc.
P.O. Box 725
Ukiah, CA 94582

Re: Oakland Truck Stop, 1107 Fifth St., Oakland CA 94607

Dear Mr. Rinehart:

Please be informed that the undersigned is the new County case worker for the subsurface investigation of soil and groundwater at the above referenced site. Upon review of the site history and the most recent, May 2001, Groundwater Monitoring Report, I have the following comments and questions regarding this investigation:

- Was an underground tank removal report ever submitted for the tanks removed in 2/99? Please provide, at a minimum, a site map indicating the sample locations and a table of analytical results. *map is poor - recover trenches not shown - no Splicing of product dispenser*
- Please provide a description of the construction of the recovery wells, recovery trench and sump. What is the current status of their operation? Please provide a table indicating the amount of free product and liquid and mass of product removed from these collection points. *- poor illustration } Don't have*
- Is any other remediation being performed at the site? *No*
- Please indicate the location of former well MW-2 in your Figures. *within former pit - destroyed now*
- Please clarify whether wells MW5 and MW6 were installed within or outside the tank excavation pit. What if any difference might occur in the groundwater elevation and groundwater concentration if these wells are located in these two locations?
- The groundwater gradient at this site has been reported both southerly and now northerly. How do you explain the current northerly gradient being opposite what is typical of this area? *Don't know*
- Groundwater remediation will be required due to the elevated MTBE concentrations. It is recommended in the State Water Resources Control Board's Final Draft Guideline for Investigation and Cleanup of MTBE and Other Ether-Based Oxygenates that interim remedial action be performed at sites with persistent concentrations of MTBE over 10,000 ppb. This site appears to have an on-going problem with elevated MTBE possibly from an on-going release. Please confirm that the current underground tank system has passed its latest leak test and provide a proposal to perform interim remediation. *RAP by 12/01*
- Our office agrees with your consultant's recommendation to delineate the lateral extent of petroleum contamination. Both off-site and on-site investigation is warranted. Please also consider delineation to the south or adjacent to the main building. Temporary borings may be more efficient prior to any permanent well(s).

Don't address the dispenser area.

Mr. Reed Rinehart
July 27, 2001
StID # 922/RO0000234
Page 2.

Please respond to this letter within 30 days or no later than August 31, 2001.

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

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

✓ C: B. Chan, files

Mr. Tim Cook, W. A. Craig, 6940 Tremont Road, Dixon, CA 95620

Wprq1107 5th St.



W. A. CRAIG, INC.

Environmental Contracting and Consulting

6940 Tremont Road
Dixon, California 95620

Contractor and Hazardous Substances License #455752

e-mail: tech@wacraig.com
(800) 522-7244

JUL 16 2002

Dixon (707) 693-2929

Napa (707) 252-3353

Fax: (707) 693-2922

July 11, 2001

Project No. 3628
StID #922/RO0000234

Mr. Barney Chan
Alameda County Health Care Services
Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

**Subject: Oakland Truck Stop
1107 Fifth Street
Oakland, California**

Dear Barney:

Enclosed is the utility location map for 5th Street that you requested. Please call if you have any other questions in regard to this project.

Sincerely,

W.A. Craig, Inc.,

Tim Cook, PE
Principal Engineer



530 Water Street
Oakland, California 94601
(510) 238-4360 Fax: (510) 238-4355



STV Incorporated
Owners/Architect/Program/Construction Manager

125 Wilshire Boulevard, Suite 1450
Los Angeles, California 90017-2491
(213) 482-9444 Fax: (213) 482-5277

Consultant:

PROJECT TITLE

**AMTRAK WEST
OAKLAND
MAINTENANCE FACILITY**

1303 3rd Street
Oakland, California 94607

NO. REVISIONS BY DATE CHECK APPRO.

Stamp:

Checked By L.M.H.

Approved By S.N.K.

Date issued 07/31/00

Scale 1"=20'

Drawing title

**5TH STREET
UTILITY RELOCATION
PLAN-2**

Project No. **1588-OAK**

Drawing No.

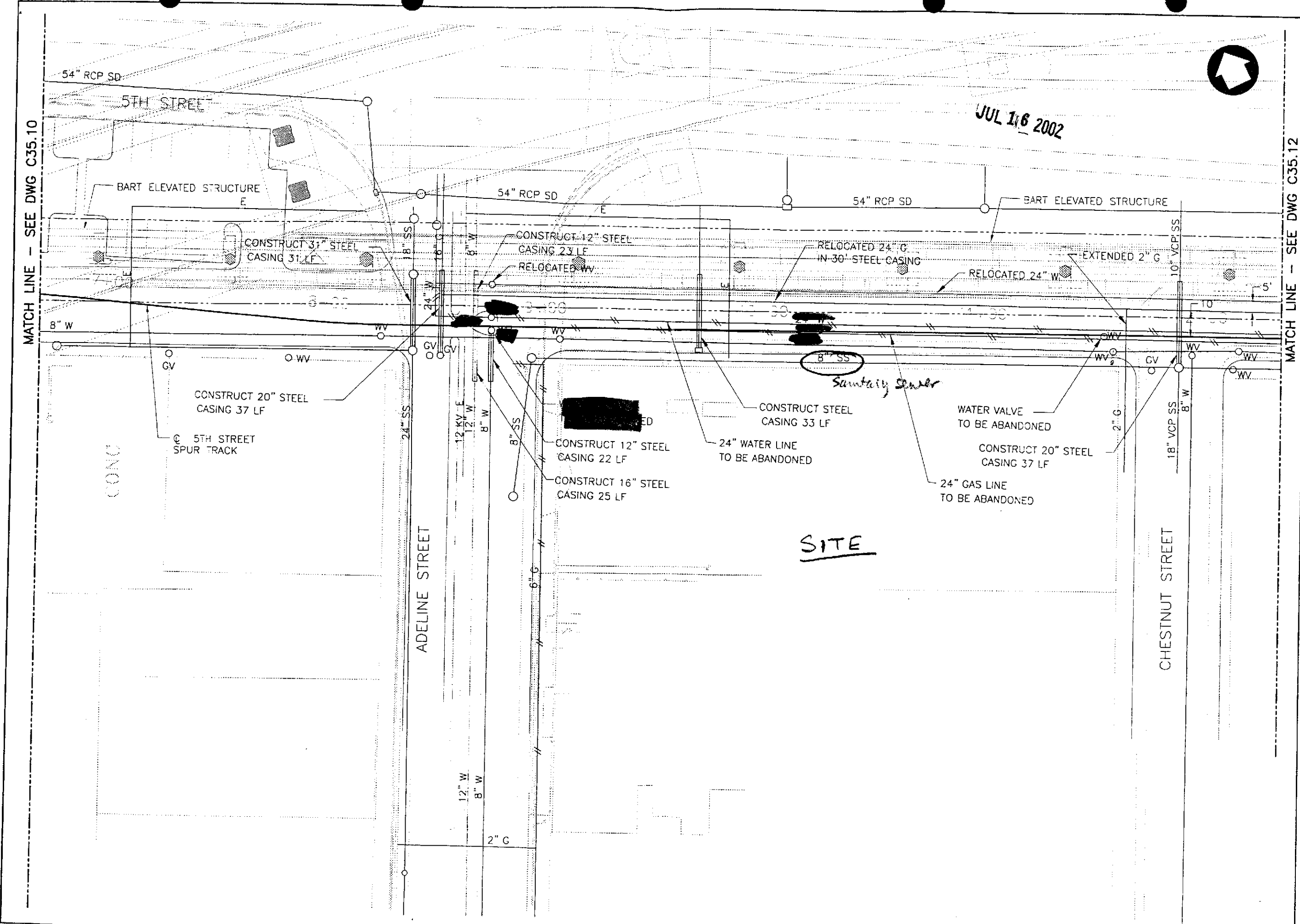
C35.11



JUL 16 2002

MATCH LINE - SEE DWG C35.10

MATCH LINE - SEE DWG C35.12



RO 234



W. A. CRAIG, INC.

Environmental Contracting and Consulting

6940 Tremont Road

Dixon, California 95620

Contractor and Hazardous Substances License #455752

e-mail: tech@wacraig.com

(800) 522-7244

Dixon (707) 693-2929

Napa (707) 252-3353

Fax: (707) 693-2922

MAY 08 2002

May 6, 2002

Project No. 3628
StID #922/RO0000234

Mr. Barney Chan
Alameda County Health Care Services
Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

**Subject: Request for Revision to Report Submittal Deadline
Oakland Truck Stop
1107 Fifth Street
Oakland, California**

Dear Mr. Chan:

Your April 15, 2002 letter to Rinehart Distributing, Inc. included several technical comments. Specifically, you requested that the results of a conduit and preferential pathway survey be submitted by May 15, 2002. Unfortunately we cannot meet this deadline, due to lengthy negotiations to obtain site access to a neighboring property. We will install two monitoring wells on this property and abandon and replace one well on the Rinehart property on May 8. The wells will be sampled on May 16 and the next Quarterly Monitoring Report will be submitted to the County by June 30, 2002. The new well data should better define the groundwater gradient and the extent of the contaminant plume.

We still plan on implementing a Pay for Performance approach on the remediation of this site once the site has been adequately characterized. We agree with your statement that interim remediation should be performed in the vicinity of well MW-7 given the high MtBE concentrations detected in this well.

We are in the process of submitting a pre-approval request to the UST Cleanup Fund for the conduit and preferential pathway survey. Approval of this request could take 30 days and additional time will be needed to schedule subcontractors and ensure that the work can be performed safely given the high risk associated with sampling in close proximity to numerous buried utility conduits in this locale.

MAY 08 2002

We request that the deadline for submittal of the conduit and preferential pathway survey report be extended to August 30, 2002. Please acknowledge this deadline extension in a correspondence to the owner. If you have any questions in regard to this request, please contact me at (707) 693-2929

Sincerely,

W.A. Craig, Inc.,



Tim Cook, PE
Principal Engineer

cc: Reed Rinehart, Rinehart Distributing, Inc.
Dave Charter, UST Cleanup Fund

- have 1 Amtrak map of utilities
- will collect samples along sewer
- Chestnut + 5th 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

October 17, 2000

Mr. Reed Rinehart
Rinehart Distributing, Inc.
P.O. Box 725
Ukiah, CA 94587
STID 922

RE: Oakland Truck Stop, 1107 Fifth Street, Oakland, CA 94607

Dear Mr. Rinehart:

I have reviewed your Site Investigation Report dated September 15, 2000 that was prepared by W.A. Craig, Inc. Elevated levels of MTBE were detected in the soil and groundwater samples collected. Up to 800,000 ppb was detected in the groundwater samples collected from the on-site monitoring wells. In the next round of quarterly sampling, please confirm the presence of MTBE using EPA method 8260.

The groundwater sample from monitoring well MW-8 contained 18 ppb of benzene. Please have your consultant make a correction in the Site Investigation Report, Section 5 Conclusions to reflect this information.

If you have any questions, please contact me at (510) 567-6774.

Sincerely,



Larry Seto
Sr. Hazardous Materials Specialist

Cc: Tim Cook, W.A. Craig, 6940 Tremont Road, Dixon CA 95620
Files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY



DAVID J. KEARS, Agency Director
October 12, 2001
StID 922/ RO0000234

Mr. Reed Rinehart
Rinehart Distribution, Inc.
P.O. Box 725
Ukiah, CA 94582

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

Re: Oakland Truck Stop, 1107 Fifth St., Oakland, CA 94607

Dear Mr. Rinehart:

This letter serves to comment on W.A. Craig's August 29, 2001 response letter to my July 27, 2001 letter. It also includes comments following my recent conversation with Mr. Tim Cook of W. A. Craig where we discussed items in the response letter. Our office has the following observations and comments:

- It was noted that the information prepared by Trinity Excavation and Engineering detailing the underground tank removal and over-excavation was lacking items normally included in a tank closure report. Such items as a narrative of activities, clear maps of sample locations and tables of analytical results were lacking.
- The maps illustrating the recovery wells, trenches and sumps are not shown in relation to the excavation pit and the rest of the site. No records exist for the amounts of free product or groundwater removed from these various collection points. Certainly, disposal records exist and should be used to estimate quantities of removal. Please provide a summary table listing the amounts of liquids and soils removed from the site, the date of disposal and the locations from which they originated.
- No sampling or maps are provided indicating if and where samples were collected along piping runs and fuel dispensers, as required. You will need to provide this information or sample appropriate locations in the future.
- Because of the improper installation of MW-3, our office concurs that a well in the same general location should be installed, similar in construction to the other wells.
- Additional, on and off-site investigation is required to delineate the extent of the contaminant plume. As proposed by W. A. Craig, our office approves the submission of a work plan to perform this investigation. We also approve the submission of a remedial action plan (RAP) to address groundwater clean-up. W. A. Craig proposes to submit these work plans by October 1, 2001 and December 31, 2001, respectively.

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

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

✓ C: B. Chan, files

Mr. Tim Cook, W. A. Craig, 6940 Tremont Road, Dixon, CA 95620

Wpap1107 5thSt

W.A. CRAIG, INC.**Environmental Consulting & Construction****6940 Tremont Rd.****Orion, CA 95620****(707) 693-2929****fax (707) 693-2922***8/16 drilling date*

Fax

To: Larry Seto**From: Tim Cook****Fax: (510) 337-9335****Pages (including this one): 2****Phone: (510) 567-5774****Date: July 11, 2000****Re: Rino Pacific Beneficial Use Survey**

Urgent For Review Please Comment Please Reply Please Recycle

• Comments:

Larry,

You requested an inventory of industrial, municipal and domestic water supply wells within 2,000 feet of the Rino Distributing site located at 1107 5th Street in Oakland. Your signature on this form will allow us to access driller's logs on file at the California Department of Water Resources, Central District (DWR) office in Sacramento, California. Please sign and fax back to me at your earliest convenience.

Regards,

Tim Cook
Principal Engineer

State of California
Department of Water Resources
Central District
3251 9 Street
Sacramento, CA 95816-7017

WELL DRILLER'S REPORTS
INSPECTION REQUEST AND AGREEMENT

Project: Rinehart Distributing, Inc.
Location: 1107 5th St Oakland
County: Alameda Contract Number: 3628

Request is made pursuant to Section 13751 of the California Water Code for permission to inspect or copy Water Well Driller's Reports which are on file in your office.

In accordance with the requirements of Section 13752 of the Water Code, it is stipulated and agreed that such reports, or any copy or copies made thereof, will not be made available for inspection by the public but will be used solely by this governmental agency for making studies. If copies are made or taken, each copy will be stamped "CONFIDENTIAL" or "FOR OFFICIAL USE ONLY" and will be kept in a restricted file, access to which is limited to the staff of this governmental agency or to its contracted agents. Any copies furnished to contracted agents must be returned to the Department of Water Resources, Central District upon completion of work by the contracted agent.

No information contained in these reports can be disseminated or published without the written permission of the owner of the well.

W.A. Craig, Inc
Contracted Agent
6940 Tremont Rd
Address
Dixon CA 95620
City, State, & Zip Code
By Tim Cook
Officer
Vice President
Title
707 693 2929
Telephone
7-11-00
Date

Alameda Co. Dept of Env Health
Governmental Agency
1131 Harbor Bay Pkwy
Address
Alameda, CA 94502
City, State, & Zip Code
By Larry Seto
Officer
Haz Mat Specialist
Title
510 567-6774
Telephone
7-14-2000
Date

(For Departmental Information: _____ copies sent _____)



State Water Resources Control Board

CALIFORNIA ENVIRONMENTAL PROTECTION
09 JUN 17 PM 1:00



Winston H. Hickox
Secretary for
Environmental
Protection

Division of Clean Water Programs
2014 T Street • Sacramento, California 95814 • (916) 227-0740
Mailing Address: P.O. Box 944212 • Sacramento, California • 94244-2120
FAX (916) 227-4530 • Internet Address: <http://www.swrcb.ca.gov/cwphome/ustcf>

Gray Davis
Governor

July 11, 2000

Reed Rinehart
Lillie E. Earls
9105 Golf Links Rd
Oakland, CA 94605

PRE-APPROVAL OF CORRECTIVE ACTION COSTS, CLAIM NO. 011451, SITE ADDRESS: 1107 5TH ST, OAKLAND, CA 94607

I have reviewed your request, received on June 19, 2000, for pre-approval of corrective action costs; I will place these documents in your file for future reference. I have included a copy of the "Cost Pre-Approval Request" form; please use this form in the future for requesting pre-approval of corrective action costs.

With the following provisions, the total cost pre-approved as eligible for reimbursement for completing the July 27, 1999, W.A. Craig workplan approved by the Alameda County EHD (County) in their August 13, 1999 letter, is ~~\$33,125~~; see the table below for a breakdown of costs. This letter supercedes the pre-approval letter dated September 2, 1999 - \$33,125 is the total amount pre-approved for this claim to date.

Be aware that this pre-approval does not constitute a decision on reimbursement: **all reasonable and necessary** corrective action costs for work **directed and approved by the County** will be eligible for reimbursement per the terms of your Letter of Commitment at costs consistent with those pre-approved in this letter.

In an effort to expedite your future reimbursement requests associated with the implementation of the corrective action tasks pre-approved in this letter, we request that the attached budget tracking form be completed, updated and submitted with each reimbursement request. All relevant supporting documentation must also be included with each reimbursement request.

*All future costs for corrective action must be approved in writing by Fund staff.
Future costs for corrective action must meet the requirements of
Article 11, Chapter 16, Underground Storage Tank Regulations.*

COST PRE-APPROVAL BREAKDOWN

#	Task*	Amount Pre-Approved	Comments
1	Project Development and Regulatory Coordination	\$1,250	Approved 4 hours @ \$105/ hr and 10 hours @ \$65/ hr for this task.
2	Technical Supervision and Materials	\$1,774	Ancillary charges (\$100) are not eligible for reimbursement.
3	Site Safety	\$ 447	
4	Subcontractors	\$8,832	
5	Soil Sampling	\$1,158	Approved \$110/ sample for EPA 8260 - TPH-g with BTEX and five oxygenates.

#	Task*	Amount Pre-Approved	Comments
6	Well Development	\$1,797	Approved DO and conductivity / pH meters at \$45/ day for both meters.
7	Sensitive Receptor Survey	\$1,440	
8	Quarterly Groundwater Monitoring (four quarters)	\$11,424	Approved 2 geologist hours @ \$75/ hr and 8 hours @ \$65/ hr each quarter. See comments under tasks 5 and 6 above.
9	GW Monitoring Reports	\$5,003	Four quarterly reports.
	TOTAL PRE-APPROVED	\$33,125	

* Task descriptions are the same as those identified in W. A. Craig's May 30, 2000 Cost Estimate

- The actual costs and scope of work performed must be consistent with the pre-approval for it to remain valid.
- Corrective action costs must be directly related to an eligible underground storage tank release at the site for reimbursement.
- The work products must be acceptable to the County and the Regional Water Quality Control Board.
- It is my opinion that it is unnecessary to obtain three bids for this scope of work; the Fund's three bid requirement is waived for this scope of work.
- If a different scope of work becomes necessary, then you must request pre-approval of costs on the new scope of work.
- Although I have referred to the W. A. Craig proposal in my pre-approval above, please be aware that you will be entering into a private contract: the State of California cannot compel you to sign any specific contract. This letter **pre-approves the costs** as presented in the proposal dated May 30, 2000 by W. A. Craig for conducting the work approved by the County for implementing the July 27, 1999, W.A. Craig workplan.

I also want to remind you that the Fund's regulations require that you obtain at least three bids, or a bid waiver from Fund staff, from qualified firms for all necessary future corrective action work. The legislation governing the Fund requires that the Fund assist you in procuring contractor and consultant services for corrective action. Call me if you need assistance in contracting for corrective action services.

Please remember that it is still necessary to submit the actual costs of the work as explained in the Reimbursement Request Instructions to confirm that the costs are consistent with this pre-approval before you will be reimbursed. *Please insure that your consultant prepares their invoices to include the required break down of costs on a time and materials basis, that invoiced tasks are consistent with the original proposal, and that reasonable explanations are provided for any changes made in the scope of work or increases in the costs. When the invoices are submitted you must include copies of all:*

Lillie E. Earls
Claim No. 011451

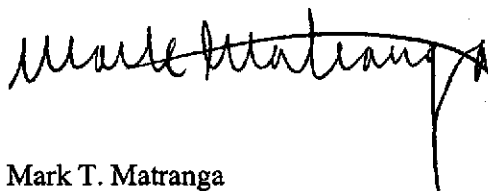
-3-

July 11, 2000

- *subcontractor invoices,*
- *technical reports, when available, and*
- *applicable correspondence from the County.*

Please call if you have any questions; I can be reached at (916) 227-0740.

Sincerely,



Mark T. Matranga
Water Resources Control Engineer
Technical Review Unit
Underground Storage Tank Cleanup Fund

Enclosure

cc: Mr. Larry Seto
Alameda County EHD
✓ 1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

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 13, 2000

Mr. Reed Rinehart
Rinehart Oil Inc.
PO Box 725
Ukiah, CA 95482
STID 922

RE: 1107 5th Street, Oakland, CA 94607

Dear Mr. Rinehart:

I have reviewed your Site Investigation Workplan dated May 23, 2000 that was prepared by W.A. Craig, Inc. This workplan includes the installation of six additional monitoring wells to a depth of approximately 15 feet below grade level. It is acceptable. Soil cuttings from the drilling operations must be characterized and disposed of at the appropriate facility.

If you have any questions, please contact me at (510) 567-6774.

Sincerely,


Larry Seto
Sr. Hazardous Materials Specialist

Cc: Tim Cook, W.A. Craig, 6940 Tremont Road, Dixon, CA 95620
Files



State Water Resources Control Board



Winston H. Hickox
Secretary for
Environmental
Protection

Division of Clean Water Programs
2014 T Street • Sacramento, California 95814 • (916) 227-4366
Mailing Address: P.O. Box 944212 • Sacramento, California • 94244-2120
FAX (916) 227-4530 • Internet Address: <http://www.swrcb.ca.gov/~cwphome/ustcf>

Gray Davis
Governor

FEB 22 2000

Reed Rinehart
Rino Pacific, LLC.
P O Box 725
Ukiah, CA 95482

Bo 024 ESBC
1922

00 FEB 24 PM 3:15
CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

UNDERGROUND STORAGE TANK CLEANUP FUND, CLAIM NO. 013192, FOR SITE ADDRESS: 1107 5TH ST, OAKLAND

The State Water Resources Control Board (State Board) is able to issue, pursuant to applicable regulations, the enclosed Letter of Commitment (LOC) in an amount not to exceed \$75,000. This LOC is based upon our review of the corrective action costs you reported to have incurred to date. The LOC may be modified by the State Board.

It is very important that you read the terms and conditions listed in the enclosed LOC. Claims filed with the Underground Storage Tank Cleanup Fund far exceed the funding available and it is very important that you make use of the funding that has been committed to your cleanup in a timely manner.

You are reminded that you must comply with all regulatory agency time schedules and requirements and you must obtain three bids for any required corrective action. Only corrective action costs *required* by the regulatory agency to protect human health, safety and the environment can be claimed for reimbursement. **Unless waived in writing, you are required to obtain preapproval of costs for all future corrective action work (form enclosed).** If you have any questions on obtaining preapproval of your costs or the three bid requirement, please call Mark Owens, our Technical Reviewer assigned to claims in your Region, at (916) 227-7883. Failure to obtain preapproval of your future costs may result in the costs not being reimbursed.

The following documents needed to submit your reimbursement request are enclosed:

"Reimbursement Request Instructions" package. **Retain this package for future reimbursement requests.** These instructions must be followed when seeking reimbursement for corrective action costs incurred after January 1, 1988. Included in the instruction package are samples of completed reimbursement request forms and spreadsheets.

"Bid Summary Sheet" to list information on bids received which **must be completed and returned.**

"Reimbursement Request" forms which you **must use to request reimbursement of costs incurred.**

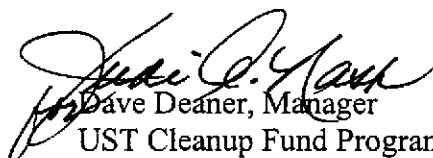
"Spreadsheet" forms which you **must use in conjunction with your reimbursement request.**

* **THIS IS IMPORTANT TO YOU, PLEASE NOTE:**

You have 90 calendar days from the date of this letter to submit your first reimbursement request for incurred corrective action costs. **NO EXTENSIONS CAN BE GRANTED.** If you fail to do so, your LOC funds will automatically be reduced to zero (deobligated). Once this occurs, any future funds for this site are subject to availability when you submit your first reimbursement request. We continuously review the status of all active claims. You must continue to remain in compliance and submit a reimbursement request every 6 months. Failure to do so will result in the Fund taking steps to withdraw your LOC.

If you have any questions regarding the enclosed documents, please contact Anna Torres at (916) 227-4388.

Sincerely,


Dave Deaner, Manager
UST Cleanup Fund Program

Enclosures

cc: Mr. Steve Morse
RWQCB, Region 2
1515 Clay Street, Ste. 1400
Oakland, CA 94612

Mr. Thomas Peacock
Alameda County EHD
1131 Harbor Bay Pkway, 2nd Fl.
Alameda, CA 94502-6577



Winston H. Hickox
Secretary for
Environmental
Protection

State Water Resources Control Board

Division of Clean Water Programs

2014 T Street • Sacramento, California 95814 • (916) 227-4366
Mailing Address: P.O. Box 944212 • Sacramento, California • 94244-2120
FAX (916) 227-4530 • Internet Address: <http://www.swrcb.ca.gov/~cwphome/ustcf>



Gray Davis
Governor

FAX MEMORANDUM

TO: Larry Seto
(510) 337-9335

FROM: Shari Knieriem, (916) 227-4366, FAX (916) 227-4530
Claims Review Unit
UST CLEANUP FUND PROGRAM
DIVISION OF CLEAN WATER PROGRAMS
2014 T Street, Sacramento, CA 95814

DATE: September 10, 1999

SUBJECT: SIGN OFF THAT RINO PACIFIC INC SITE ADDRESS 1107-5TH STREET,
OAKLAND IS IN COMPLIANCE WITH THE ALAMEDA COUNTY
DIRECTIVES STID# 922

Please sign and date the attached compliance sheet and return by fax.

Thank you,
Shari
Shari Knieriem

2 Pages

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 2, 2000

Mr. Reed Rinehart
Rinehart Oil Inc.
Ukiah, CA 95482
STID 922

RE: 1107 5th Street, Oakland, CA 94607

Dear Mr. Rinehart:

I have reviewed your Site Investigation Workplan dated May 23, 2000 that was prepared by W.A. Craig, Inc. This workplan includes the installation of six additional monitoring wells to a depth of approximately 15 feet below grade level. Soil cuttings from the drilling operations must be characterized and disposed of at the appropriate facility.

If you have questions, please contact me at (510) 567-6774.

Sincerely,



Larry Seto

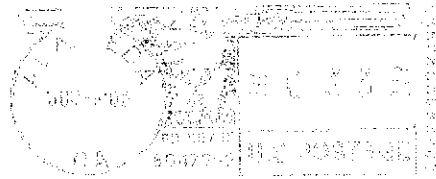
Sr. Hazardous Materials Specialist

Cc: Tim Cook, W.A. Craig, 6940 Tremont Road, Dixon, CA 95620
Files



4580
ALAMEDA COUNTY
HEALTH CARE SERVICES AGENCY
Department Of Environmental Health
Environmental Protection Division
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

RETURNED TO SENDER
INSUFFICIENT ADDRESS



Mr. Reed Rinehart
Rinehart Oil Inc.
Ukiah, CA 95482

RETURNED TO SENDER
INSUFFICIENT ADDRESS

94502-6577-20568



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 15, 2000

Mr. Reed Reinhart
Rinehart Oil Inc.
Ukiah, CA 95482
STID 922

RE: 1107-5th Street, Oakland, CA 94607

Dear Mr. Rinehart:

I have reviewed the proposed location of five (5) new monitoring wells (MW-4 to MW-8) in Figure 1 dated May 2000. Their locations are acceptable, but one additional monitoring well should be installed downgradient from MW-1. In the most recent sampling event on March 21, 2000, 4,800 ppb of MTBE was detected in MW-1. Please have your consultant submit a revised map identifying the proposed location of this additional well.

If you have any questions, please call me at (510) 567-6774.

Sincerely,



Larry Seto
Sr. Hazardous Materials Specialist

Cc: Tim Cook, W.A. Craig, 6940 Tremont Road, Dixon, CA 95620
Files

W.A. CRAIG, INC.
Environmental Consulting & Construction
6940 Tremont Rd.
Dixon, CA 95620
(707) 693-2929
fax (707) 693-2922

Fax

To: Lary Seto **From:** Tim Cook

Fax: (510) 337-9335 **Pages (including this one):** 2

Phone: (510) 567-6774 **Date:** May 10, 2000

Re: Rino Pacific Monitoring Wells

Urgent For Review Please Comment Please Reply Please Recycle

● **Comments:**

Lary,

As a follow up to your April 25, 2000 letter to Reed Rhinehart of Rhinehart Oil regarding monitoring well locations at the subject site I am providing a site plan showing proposed monitoring well locations.

The wells will be located in the source area (former UST pit) and the perimeter of the site to determine natural attenuation rates, the extent of the contaminant plume and other issues related to the RWQCB new approach to site investigations. Please review and give me a call. Looking forward to working with you on this project.

Regards,

Tim Cook
Principal Engineer



NORTH

5th Street

Sidewalk

Truck Scale

MW-4

Scale house

MW-8

MW-7

Diesel/Gas Dispensers

Previously Excavated Soils

Diesel Dispenser

MW-5

Existing UST

Existing UST

MW-6

Diesel Dispenser

Diesel Dispenser

MW-1

Building

Sump

MW-3

Landscaping

EXPLANATION

MW-4 ● Proposed Monitoring Wells

MW-1 ● Existing Monitoring Wells

Olivere Hof Brau
380 Adeline

Parking lot



Approximate Scale: 1Inch = 30 Feet



W. A. Craig, Inc.

Environmental Contracting and Consulting

6840 Tremont Road
Dixon, California 95620
Cal License #465752

(707) 693-2929
FAX (707) 693-2922

Project # 3628
May 2000

Proposed Monitoring Well Locations

Rino Pacific
1107 5th Street
Oakland, CA

Figure 1

ALAMEDA COUNTY
HEALTH CARE SERVICESAGENCY
DAVID J. KEARS, Agency DirectorENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

April 25, 2000

Rinehart Oil, Inc.
P.O. Box 725
Ukiah, CA 95482
STID 922RE: 1107-5th Street, Oakland, CA 94607

Dear Mr. Rinehart:

I approved the installation of six additional monitoring wells at the above site in a letter dated August 13, 1999. In your letter to me dated March 15, 2000, you indicated the wells have not been installed yet. **Please have your consultant contact me to review and discuss the monitoring well locations before you implement your workplan.** The State of California, State Water Board has a new recommendation concerning the placement of monitoring wells to verify a plume is diminishing in size.

If you have any questions, please contact me at (510) 567-6774.

Sincerely,


Larry Seto
Sr. Hazardous Materials SpecialistCc: ✓ Tim Cook, W.A. Craig, 6940 Tremont Road, Dixon, CA 95620
Files

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 25, 2000

Rinehart Oil, Inc.
P.O. Box 725
Ukiah, CA 95482
STID 922

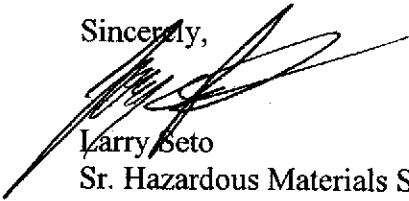
RE: 1107-5th Street, Oakland, CA 94607

Dear Mr. Rinehart:

I approved the installation of six additional monitoring wells at the above site in a letter dated August 13, 1999. In your letter to me dated March 15, 2000, you indicated the wells have not been installed yet. **Please have your consultant contact me to review and discuss the monitoring well locations before you implement your workplan.** The State of California, State Water Board has a new recommendation concerning the placement of monitoring wells to verify a plume is diminishing in size.

If you have any questions, please contact me at (510) 567-6774.

Sincerely,



Larry Seto
Sr. Hazardous Materials Specialist

Cc: Tim Cook, W.A. Craig, 6940 Tremont Road, Dixon, CA 95620
Files



THE COMMERCIAL FUELING SYSTEM

RINO

P.O. BOX 725
UKIAH, CA 95482
UKIAH: (707) 462-8811
SACRAMENTO: (916) 372-8555

ENVIRONMENTAL
PROTECTION

00 MAR 17 PM 3: 29

March 15, 2000

Mr. Larry Seto
Alameda County Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

Re: 1107 5th Street, Oakland CA 94607

Dear Mr. Seto:

Per your request I am writing to bring you up to date on the Oakland Cardlock facility located at the above-mentioned address.

As you know the old tanks were removed and new tanks, turbine sumps, double wall lines, and dispenser sumps were installed. During the tank replacement project we removed source material of approximately 2400 yards of soil and 32,000 gallons of water. Once we finished the tank replacement project we applied to the UST clean up fund. We were accepted into the fund and just recently received our Letter of Commitment. We are planning to sample the existing ground water monitoring wells in the next week. I will send a copy as soon as I receive one from W. A. Craig, the consultant. We hope to implement the work plan you approved in the next 30 to 60 days pending a pre-approval submission we sent to the UST fund. Currently, I am waiting for a reimbursement check in excess of \$200,000.00 from the UST fund for expenses we have incurred over the past couple of years.

Thank you again for your support on this project. If there are any questions please do not hesitate to give me a call at (707) 462-8811.

Sincerely,

Reed Rinehart
Rino Pacific, LLC

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



February 28, 2000

ENVIRONMENTAL HEALTH SERVICES

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

Rinehart Oil Inc.
PO Box 725
Ukiah, CA 95482
Attn.: Mr. Reed Reinhart
STID 922

RE: 1107-5th Street, Oakland, CA 94607

Dear Mr. Rinehart:

Please submit a status report for the subsurface investigation for the above site that I approved in my letter dated August 13, 1999. This investigation included the construction of six-(6) groundwater monitoring wells and advancing four exploratory boreholes.

If you have any questions, please contact me at (510) 567-6774.

Sincerely,



Larry Seto
Sr. Hazardous Materials Specialist

Tim Cook, W.A. Craig, 6940 Tremont Road, Dixon, CA 95620
Sherry Niernan, State Water Board, PO Box 944212, Sacramento,
CA 94244-2120
Leroy Griffin, City of Oakland, 505 14th Street, 7th Floor, Oakland,
CA 94612

Files

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

ENVIRONMENTAL HEALTH SERVICES

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

August 13, 1999

Rinehart Oil Inc.
P.O. Box 725
Ukiah, CA 95482
Attn: Mr. Reed Reinhart
STID 922

RE: 1107-5th Street, Oakland, CA 94607

Dear Mr. Rinehart:

I have reviewed your Project Summary/Revised Work Plan dated July 27, 1999 that was prepared by W.A. Craig, Inc. The work plan proposes the construction of six (6) groundwater monitoring wells and advancing four exploratory boreholes. This work plan is acceptable with the following conditions:

- 1) A minimum of one soil and one groundwater sample will be taken from each borehole and submitted to a certify laboratory for chemical analysis
- 2) Monitoring Well MW-7 should be relocated approximately 20 feet south from the proposed location in Figure 3 in order to be downgradient from the dispenser island

If you have any questions, please contact me at (510) 567-6774.

Sincerely,



Larry Seto

Sr. Hazardous Materials Specialist

Cc: Tim Cook, W.A. Craig, 6940 Tremont Road, Dixon, CA 95620
Sherry Niernan, State Water Board, P.O. Box 944212, Sacramento,
CA 94244-2120
Leroy Griffin, City of Oakland, 505 14th Street, 7th Floor, Oakland,
CA 94612

Files



State Water Resources Control Board



Gray Davis
Governor

Division of Clean Water Programs

2014 T Street • Sacramento, California 95814 • (916) 227-
Mailing Address: P.O. Box 944212 • Sacramento, California • 94244-2120
FAX (916) 227-4530 • Internet Address: <http://www.swrcb.ca.gov/~cwphome/ustcf>

Winston H. Hickox
Secretary for
Environmental
Protection

September 7, 1999

CC
Mr. Reed Rinehart
Rinehart Oil Inc.
P.O. Box 725
Ukiah, CA 95482

99 SEP 10 PM 3:50
ENVIRONMENTAL
PROTECTION

**PRE-APPROVAL OF CORRECTIVE ACTION COSTS, CLAIM NO. 11451,
SITE ADDRESS: 1107 5th STREET, OAKLAND**

I have reviewed your request, received on August 23, 1999 for pre-approval of corrective action costs; I will place these documents in your file for future reference. I have included a copy of the "Cost Pre-Approval Request" form; please use this form in the future for requesting pre-approval of corrective actions costs.

With the following provisions, the **total cost pre-approved** as eligible for reimbursement for the soil and groundwater investigation work, is **\$31,835.00** The cost proposal for this work by Craig is approved for eligible costs as submitted (with some exceptions, as noted on the attached budget tracking form).

In an effort to expedite future reimbursement requests associated with the implementation of these pre-approved tasks, we request that the attached budget tracking form be completed/updated and submitted with the relevant supporting documentation.

Be aware that this pre-approval does not constitute a decision on reimbursement: all reasonable and necessary corrective action costs for work directed and approved by the local regulator will be eligible for reimbursement per the terms of your Letter of Commitment at costs consistent with those pre-approved in this letter.

***All future costs for corrective action must be approved in writing by Fund staff.
Future costs for corrective action must meet the requirements of
Article 11, Chapter 16, Underground Storage Tank Regulations.***

- The actual costs and scope of work performed must be consistent with the pre-approval for it to remain valid.
- The work products must be acceptable to Alameda County Health Care Services (ACHCS).
- If a different scope of work becomes necessary, then you must request pre-approval of costs on the new scope of work.

California Environmental Protection Agency

- Although I have referred to the Craig proposal in my pre-approval above, please be aware that you will be entering into a private contract: the State of California cannot compel you to sign any specific contract.

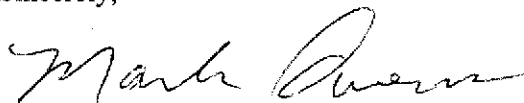
I also want to remind you that the Fund's regulations require that you obtain at least three bids, or a bid waiver from Fund staff, from qualified firms for all future necessary corrective action work.

Please remember that it is still necessary to submit the actual costs of the work as explained in the Reimbursement Request Instructions to confirm that the costs are consistent with this pre-approval before you will be reimbursed. *Please insure that your consultant prepares their invoices to include the required break down of costs on a time and materials basis, that invoiced tasks are consistent with the original proposal, and that reasonable explanations are provided for any changes made in the scope of work or increases in the costs. When the invoices are submitted you must include copies of all:*

- *subcontractor invoices (includes lab invoices)*
- *technical reports, when available, and*
- *applicable correspondence from NCDEM.*

Please call if you have any questions; I can be reached at (916) 227-7883.

Sincerely,



Mark Owens, Water Resources Control Engineer
Technical Review Unit
Underground Storage Tank Cleanup Fund

cc: Mr. Larry Seto, Alameda County Health Care Services, Alameda





W. A. CRAIG, INC.

Environmental Contracting and Consulting

6940 Tremont Road

Dixon, California 95620

Contractor and Hazardous Substances License #455752

e-mail: wacraig@onramp113.org

(800) 522-7244

Dixon (707) 693-2929

Napa (707) 252-3353

Fax: (707) 693-2922

July 27, 1998 / 1999

Project No. 3628
LOP STID 922

Mr. Larry Seto
Alameda County Department of Environmental Health
1131 Harbor Bay Parkway, 2nd Floor
Alameda, California 94502

Subject: **Project Summary/Revised Work Plan
Rino Pacific Service Station
1107 5th Street
Oakland, California**

Dear Mr. Seto:

W.A. Craig, Inc. (WAC) is pleased to present this project summary/revised work plan for a soil and groundwater investigation at the subject site. This letter is intended to respond to your request from the owner to summarize the present status of work completed at the Site. In addition, several minor changes to the Work Plan Addendum, dated August 27, 1998, are described and submitted for your review and approval.

PROJECT SUMMARY

The Rino Pacific service station (the Site) was built approximately 40 years ago and has been in operation as a fuel service station throughout this period. The Site location is presented on **Figure 1**. From approximately 1984 until February, 1999 four underground storage tanks (USTs) were in use at the Site: one 8,000-gallon UST containing unleaded gasoline, one 10,000-gallon UST containing unleaded gasoline, and two 12,000-gal USTs connected by a manifold that contained diesel fuel. All four USTs were of single-wall steel construction.

The former USTs were tightness tested in March of 1996, and passed. However, in mid-1995 an unauthorized release of gasoline occurred as a result of a leak in a fuel product line. The USTs associated with these leaking product lines were taken out of service. Two product recovery sumps were installed to recover free product floating on the groundwater table. The location of these product recovery sumps is presented on **Figure 2**.

ENVIRONMENTAL
PROTECTION

In 1997, approximately ¼-inch of fuel was observed floating on the groundwater surface in the product recovery sumps. WAC recovered approximately 6.3 gallons of product using a skimmer device. By December 1998 the floating product thickness in the recovery sump was reduced to a sheen on the water.

On October 10, 1996 WAC drilled 7 exploratory boreholes and converted 3 of them to 2-inch diameter monitoring wells. The locations of monitoring wells MW-1, MW-2, and MW-3 are shown on **Figure 2**. The results of the site investigation, including soil boring logs and soil and groundwater analytical results are presented in a Subsurface Investigation Report dated January 17, 1997.

WAC performed quarterly groundwater monitoring on eight occasions from November 1996 through December 1998. The results of the quarterly monitoring events were reported in the WAC Groundwater Monitoring report dated January 29, 1999.

The groundwater level beneath the Site varies from 10 inches to 4 feet below grade. The direction of groundwater flow varies from southwest to southeast. This hydraulic gradient interpretation assumes hydrologic continuity between the onsite monitoring wells. The interpretations of gradient and flow direction on this site are significantly influenced by water levels reported for monitoring well MW-3. Monitoring well MW-3 is very slow to recover after purging, indicating either that the water-bearing zone at this location is of low permeability or the well screen is clogged with clay.

Diesel, gasoline and benzene concentrations in the monitoring wells remained relatively consistent from November 1996 through December 1998. Gasoline and benzene concentrations in monitoring wells MW-1 and MW-3 remained relatively constant during this period.

The following is a summary of the environmental activities performed at the site by Trinity Excavating and Engineering, Inc (TEE) of Santa Rosa, California. The work was performed between February 8, 1999 and May 5, 1999. The information was provided by TEE in a letter to the owner dated July 21, 1999. The information has been copied verbatim.

- 2/8 through 2/10, 1999: Excavated to tops of tanks and rinsed three gasoline and one diesel underground fuel tanks.
- 2/11/1999: Removed tanks and disposed offsite (observed by Fire Inspector)
- 3/3 & 3/4, 1999: Removed approximately 2,100 tons of contaminated soil from excavation bottom and sides before sampling as directed by Fire Inspector. Collected excavation and stockpile samples. Removed water from pit as needed. Stored approximately 33,000 gallons of contaminated water in temporary storage tanks.
- 2/24 through 5/19, 1999: Loaded, manifested and disposed off-site approximately 2,100 tons of contaminated soil.
- 2/1 through 5/6, 1999: Provided and placed approximately 1,700 tons of backfill.
- 5/3 through 5/5, 1999: Disposed of contaminated water (by Owner).



RINO

P.O. BOX 725
UKIAH, CA 95482
UKIAH: (707) 462-8811
SACRAMENTO: (916) 372-8555

THE COMMERCIAL FUELING SYSTEM

July 18, 1999

Mr. Larry Seto
Alameda County Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

Re: 1107 5th Street, Oakland CA 94607

#922

Dear Mr. Seto:

I am writing to request a letter from your office to the State Water Quality Control Board's office declaring that the above mentioned facility is in compliance with the regulations as they relate to the underground storage tanks. Once the State Water Quality Control Board receives your letter they will finalize our Letter of Commitment and issue a reimbursement package for expenses we have incurred to date.

If there is a problem or concern about our request please give me a call so we can resolve any concern you may have about our facility. I can be reached at (707) 462-8811 in our Ukiah office. The sooner I can start get reimbursed for the over \$200,000.00 we have spent so far on this site the sooner we can get the entire site cleaned up.

Thank you in advance for your immediate attention to this matter.

Sincerely,

Reed Rinehart
Rino Pacific, LLC

ENVIRONMENTAL
PROTECTION
99 JUL 20 PM 3:05

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



June 25, 1999

ENVIRONMENTAL HEALTH SERVICES

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

Mr. Reed Reinhart
Rinehart Oil Inc.
PO Box 725
Ukiah, CA 95482
STID 922.

RE: 1107-5th Street, Oakland, CA 94607

Dear Mr. Reinhart:

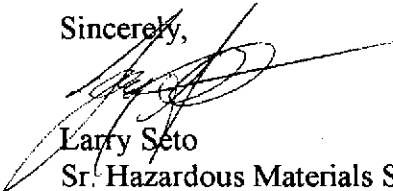
I have reviewed the documents sent to me from Brian Kesler of Trinity Excavating and Engineering. I received the following documents: 1) City of Oakland Inspection Report dated 2-11-99 with the directive to over-excavate 2) Manifest for underground tank rinsate 3) Sampling map, not drawn to scale 4) laboratory results for confirmatory soil samples 5) laboratory results for stockpile soil 6) copy of receipts for the disposal of the water in the pit.

To assist me in evaluating the progress made in the investigation and remediation at this site, I need the following:

- 1) A summary of the investigation/remediation activities performed to this date.
- 2) A site map drawn to scale with streets and stationary landmarks
- 3) A sampling map drawn to scale
- 4) Copy of completed manifest for the disposal of the underground tank and rinsate
- 5) Identify the disposal site of the impacted soil that was excavated

If you have any questions, please contact me at (510) 567-6774.

Sincerely,



Larry Seto

Sr. Hazardous Materials Specialist

Cc: Leroy Griffin, City of Oakland Fire Department, 505-14th Street, 7th Floor,
Oakland, CA 94612

Files

4-29-1999 11:01AM FROM SEAPORT 16503641021

LOAD 6
P 2



NON-HAZARDOUS WATER TRANSPORT FORM

05049903

GENERATOR INFORMATION

Rino Pacific
1107 5th St.
Oakland CA

CUSTOMER INFORMATION

Rino Pacific
707-462-8811
PO #

DESCRIPTION OF WATER: Excavation containing NON-HAZARDOUS WASTE WATER, MONITORING WELL PURGE WATER AND/OR AUGER RINSATE, TANK RINSATE OR ABOVE DESCRIBED WATER. THIS WATER MAY CONTAIN DISSOLVED HYDROCARBONS. I CERTIFY THAT THE ABOVE NAMED MATERIAL IS A LIQUID EXEMPT FROM RCRA PER 40 CFR 261.4 (X10) AND DOES NOT MEET THE CRITERIA OF HAZARDOUS WASTE AS DESCRIBED IN 22 CCR ARTICLE 11 OR ANY OTHER APPLICABLE STATE LAW, HAS BEEN PROPERLY DESCRIBED, CLASSIFIED AND PACKAGED AND IS IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO APPLICABLE REGULATIONS.

Rino Pacific, LLC.
Generator/Authorized Agent

[Signature] 5-3-99
Date

SITE INFORMATION

1107 5th St.
Oakland
CA

GROSS	
TARE	
NET	
TOTAL GALLONS	6,000

CALCULATED AT 8.34LBS PER USG

TRANSPORTER INFORMATION

IWM

Truck ID: 102/103
Driver: [Signature] 5-5-99
Print full name & sign Date

TIME OUT	
TIME IN	3:30
TIME SPENT	

DISPOSAL FACILITY INFORMATION

Seaport Environmental
675 Seaport Boulevard
Redwood City, CA 94063
Phone: (650) 364 1024

Approval Number

801-813

Solids %wt pH

50% 7

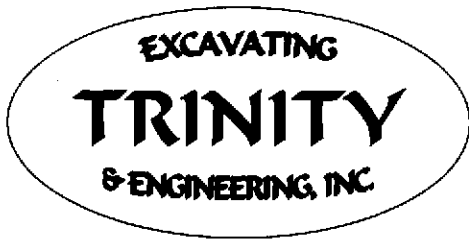
484

Solids Surcharge
/USG

W 15 00

Received By: [Signature]
Print full name & sign

5-5-99
Date



HAZMAT

Cont Lic. #734002

1011 Second Street, Suite 205
Santa Rosa, California 95404

Telephone (707) 571-7703
Facsimile (707) 571-7704

Memo

*Rino Pacific
1107 - 5th St.
Oak.
STFD 922*

Date: 06/04/99
To: Larry Seto
Alameda County Health Services
Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
From: Brian Kesler
Re: Environmental Records

Ben Duncan of Rinehart Distributing requested we send you copies of any information we have regarding tank removal and over-excavation activities at the Pacific Pride Card Lock, 1107 5th Street, Oakland. This is what I have in my files.

I hope this is the information you require. Please call if you have any questions.

6-10

Review notes in file

*-tank removal, overexcavated
New tanks in some locations*

*removed as
work plan submitted & approved*

99 JUN -8 PM 3:2

ENVIRONMENTAL PROTECTION

**OAKLAND FIRE SERVICES AGENCY/OFFICE OF EMERGENCY SERVICES
HAZARDOUS MATERIALS UNIT
505 - 14th Street, Oakland, CA 94612 (510) 238-3938**

HAZARDOUS MATERIALS INSPECTION REPORT

Site Number	Facility Name	Facility Address	Zip Code
	RENO PACIFIC	1107 SW ST	07

Inspection Report

11:06 AM - THURSDAY

3 x 10,000 GAL + 1 x 5000 GAL

2 x DIESEL - 2 x GAS

TANKS APPEAR TO PASS TEST PERFORMED

1400 GALLONS OF RESIDUE REMOVED TO

BE SUBMITTED TO TETPLC (REMOVED) JIA, LEO.

O₂ LCL FOR

20.9 0% #1

0% #2

0% #3

0% #4

GROUNDS @ 9 FT.

W/ SOIL DISCOUDED

4 x SINGLE WALLED STEEL

8 SAMPLES - W/ PI WALL

-> OVER EXCAVATE AT LER

SAMPLES ARE TO BE

DRAINED PER A LER

ALL GAS & DIESEL

SIT 7703 -

Directive
From Fire
Department to
Excavate

Facility Contact/ Print Name: K. S. [Signature]	Inspected By: <input type="checkbox"/> Insp. Griffin 238-7759 <input type="checkbox"/> Insp. Johnson 238-3804 <input checked="" type="checkbox"/> Insp. Craford 238-7758 <input type="checkbox"/> Insp. Gomez 238-7253
Facility Contact/ Signature: [Signature]	Date: 2-11-99

UNIFORM HAZARDOUS WASTE MANIFEST

Generator's US EPA ID No. **CA C09117587259507** Manifest Document No. **1**

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
 Ecology Control Industries

4. Generator's Phone (714) 462-8811

5. Transporter 1 Company Name Ecology Control Industries 6. US EPA ID Number CA

7. Transporter 2 Company Name 8. U

9. Facility Name and Site Address **Romco Chemical Corporation** 10. US **CA**
 2081 Bay Road
 East Palo Alto CA 94303

Disposal of Tank Residue

11. US DOT Description (including Proper Shipping Name, Hazard Class, and I
**RD Waste Gasoline Mixture, 3,
 UN1203, PG II (D001, D018)**

Unit
 t/Vol
G

15. Special Handling Instructions and Additional Information
Wear proper protective equipment while handling. Weights or volumes are approximate. DOT ERG # 11.1 12B
 CONTACT: (714) 462-8811 SITE LOCATION: **Pacific Pride 1107 5th St. Oakland, CA.**

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: **Tracy Ex...** Signature: *[Signature]* Month: **01** Day: **20** Year: **1999**

17. Transporter 1 Acknowledgement of Receipt of Materials
 Printed/Typed Name: **DOUG BIGGS** Signature: *[Signature]* Month: **02** Day: **04** Year: **1999**

18. Transporter 2 Acknowledgement of Receipt of Materials
 Printed/Typed Name: Signature: Month: Day: Year:

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
 Printed/Typed Name: Signature: Month: Day: Year:

DO NOT WRITE BELOW THIS LINE.

98459507
 IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

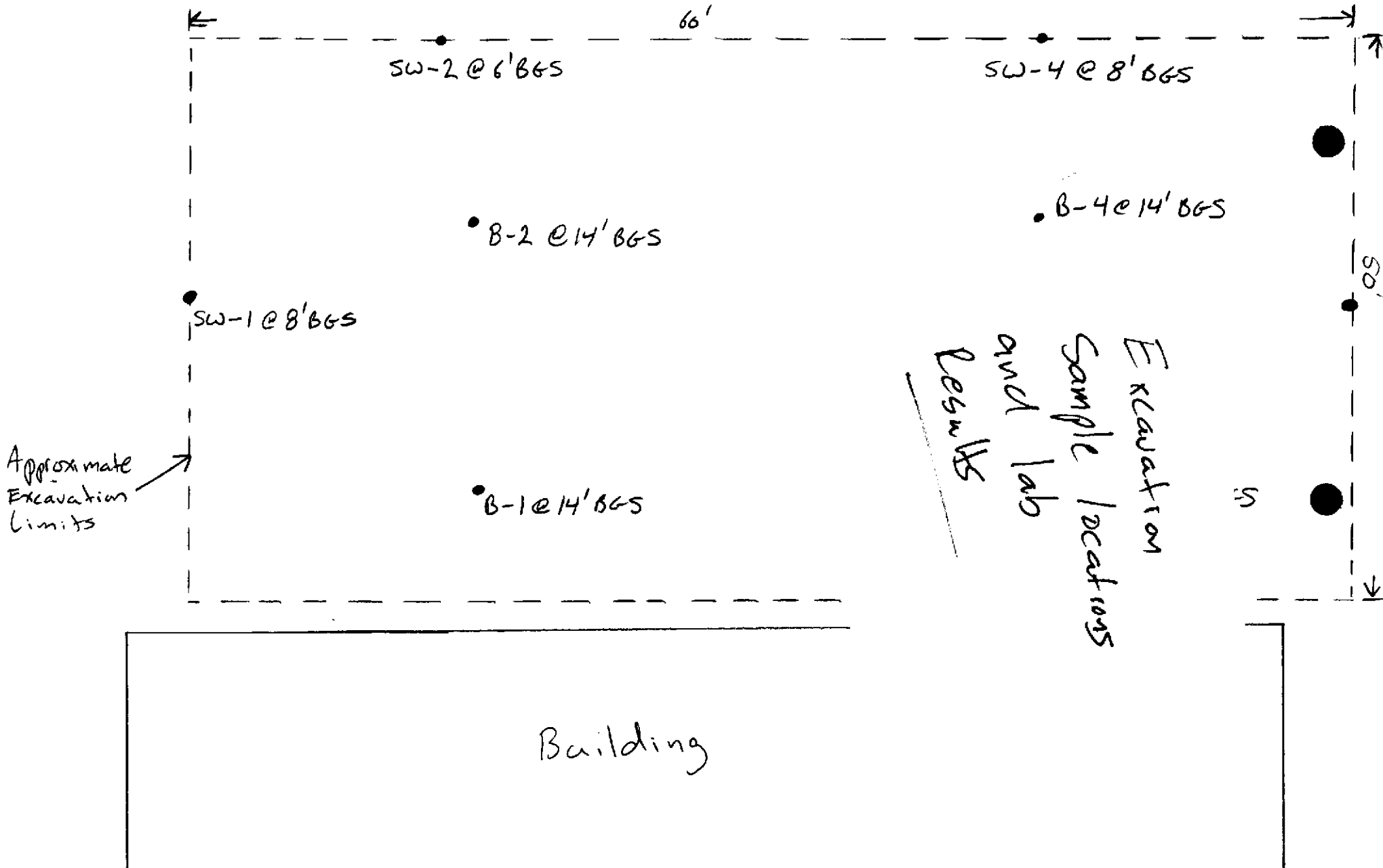
GENERATOR
 TRANSPORTER
 FACILITY

RS-0304

Removed approx. 1,550 cubic yards -

↑
N
Not to Scale

Site Plan
Final Excavation Limits
and Sample Locations
1107 5th Street
Oakland, CA



Seaport Petroleum Corporation
 25 North 57th Avenue
 Phoenix, AZ 85043
 Phone (602) 269-1605 /Fax (602) 272-4380

Invoice

DATE	INVOICE NO.
05/05/99	9902089

BILL TO
Rino Pacific LLC P.O. Box 328 Wilsonville, OR 97070-0328

P.O. NO.	TERMS	DUE DATE	SHIP DATE	SHIP VIA	FOB	B L NO
	Net 30	06/04/99	05/05/99	MM	rwc	901-613
QTY USG	DESCRIPTION			RATE \$/USG	AMOUNT	
6,000	Disposal of non-hazardous waste water price includes solids surcharge 48% solids Trucking to be billed separately <div style="text-align: center; font-size: 1.2em;"> <i>Disposal of Water from Tank Pit</i> </div>			0.70	4,200.00	
Total					\$4,200.00	

4-29-1999 11:01AM FROM SEAPORT 16583641021

LOAD 6
P.2



NON-HAZARDOUS WATER TRANSPORT FORM

05049908

GENERATOR INFORMATION

Rino Pacific
1107 5th St.
Oakland CA

CUSTOMER INFORMATION

Rino Pacific
707-462-8511
PO #

DESCRIPTION OF WATER: Excavation dewatering
NON-HAZARDOUS WASTE WATER, MONITORING WELL PURGE WATER AND/OR AUGER RINSATE, TANK RINSATE OR ABOVE
DESCRIBED WATER. THIS WATER MAY CONTAIN DISSOLVED HYDROCARBONS. I CERTIFY THAT THE ABOVE NAMED MATERIAL
IS A LIQUID EXEMPT FROM RCRA PER 40 CFR 261.6 (b)(10) AND DOES NOT MEET THE CRITERIA OF HAZARDOUS WASTE AS
DESCRIBED IN 22 CCR ARTICLE 11 OR ANY OTHER APPLICABLE STATE LAW. HAS BEEN PROPERLY DESCRIBED,
CLASSIFIED AND PACKAGED AND IS IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO APPLICABLE
REGULATIONS.

Rino Pacific, LLC.
Generator/Authorizes Agent

[Signature] 5-3-99
Date

SITE INFORMATION

1107 5th St.
Oakland
CA

GROSS	
TARE	
NET	
TOTAL GALLONS	6,000

Continued at 8.3423 per USCG

TRANSPORTER INFORMATION

IWM

Truck ID: 102/103

Driver: Stacy Costa 5-5-99
Print full name & sign Date

TIME OUT	
TIME IN	3:30
TIME SPENT	

DISPOSAL FACILITY INFORMATION

Seaport Environmental
676 Seaport Boulevard
Redwood City, Ca 94063
Phone: (650) 364 1024

Approval Number

801-813

Solids %wt pH

50% 7

484

Solids Surcharge
/USG

W 15 88

Received by: [Signature]
Print full name & sign

5-5-99
Date

Seaport Petroleum Corporation
 25 North 57th Avenue
 Phoenix, AZ 85043
 Phone (602) 269-1606 /Fax (602) 272-4380

Invoice

DATE	INVOICE NO.
05/05/99	9902083

BILL TO
Rino Pacific LLC P.O. Box 328 Wilsonville, OR 97070-0328

P.O. NO.	TERMS	DUE DATE	SHIP DATE	SHIP VIA	FOB	BL NO
	Net 30	06/04/99	05/05/99	IWM	rwc	901-613
QTY USG	DESCRIPTION			RATE \$/USG	AMOUNT	
15,000	Disposal of non-hazardous waste water			0.22	3,300.00	
					Total	\$3,300.00

4-20-1999 11:01AM FROM SEAPORT 16503641021

Long 5
P 2



NON-HAZARDOUS WATER TRANSPORT FORM

05/04/99/02

GENERATOR INFORMATION

Rino Pacific
1107 5th St.
Oakland CA

CUSTOMER INFORMATION

Rino Pacific
707-482-8811
PO #

DESCRIPTION OF WATER: Excavation containing
NON-HAZARDOUS WASTE WATER, MONITORING WELL PURGE WATER AND/OR AUGER RINSATE, TANK RINSATE OR ABOVE
DESCRIBED WATER, THIS WATER MAY CONTAIN DISSOLVED HYDROCARBONS. I CERTIFY THAT THE ABOVE NAMED MATERIAL
IS A LIQUID EXEMPT FROM RCRA PER 40 CFR 261.4 (b)(1)(B) AND DOES NOT MEET THE CRITERIA OF HAZARDOUS WASTE AS
DESCRIBED IN 22 CFR ARTICLE 11 OR ANY OTHER APPLICABLE STATE LAW, HAS BEEN PROPERLY DESCRIBED,
CLASSIFIED AND PACKAGED AND IS IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO APPLICABLE
REGULATIONS.

Rino Pacific LLC
Generator/Authorized Agent

[Signature] 5-3-99
date

SITE INFORMATION

1107 5th St.
Oakland
CA

GROSS	
TARE	
NET	
TOTAL GALLONS	6000
Charge of \$ 3.00 per USG	

TRANSPORTER INFORMATION

IWM

Truck ID: 111-100
Driver: B. J. Poon 5-4-99
Print full name & sign date

TIME OUT	
TIME IN	11:00
TIME SPENT	

DISPOSAL FACILITY INFORMATION

Seaport Environmental
875 Seaport Boulevard
Redwood City, Ca 94063
Phone: (850) 364 1024

Approval Number

801-613

Solids %wt pH

0 7

Solids Surcharge
c/USG

Received by: [Signature] D-MAIL 5-4-99
Print full name & sign date

TU 11:00

May-03-99 22:56
6-29-1999 11:01AM

Seaport Petroleum
FROM SEAPORT 16603641021

650 3641024

P.04



NON-HAZARDOUS WATER TRANSPORT FORM

05 03 99 01

GENERATOR INFORMATION

Rino Pacific
1107 5th St.
Oakland Ca

CUSTOMER INFORMATION

Rino Pacific
707-462-8811
PO #

DESCRIPTION OF WATER Excavation dewatering
NON-HAZARDOUS WASTE WATER, MONITORING WELL PURGE WATER AND/OR AUGER RINSE, TANK RINSE OR ABOVE
DESCRIBED WATER. THIS WATER MAY CONTAIN DISSOLVED HYDROCARBONS. I CERTIFY THAT THE ABOVE NAMED MATERIAL
IS A LIQUID EXEMPT FROM RCRA PER 40 CFR 261.4 (b)(1)(A) AND DOES NOT MEET THE CRITERIA OF HAZARDOUS WASTE AS
DESCRIBED IN 22 CFR ARTICLE 11 OR ANY OTHER APPLICABLE STATE LAW. HAS BEEN PROPERLY DESCRIBED,
CLASSIFIED AND PACKAGED AND IS IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO APPLICABLE
REGULATIONS.

Rino Pacific LLC.
Generator/Authorized Agent

Byron J. Quinn 5-3-99
Signature Date

SITE INFORMATION

1107 5th St.
Oakland
Ca

GROSS	
TARE	
NET	
TOTAL GALLONS	6000

Calculated at 1.34 lbs per USG

TRANSPORTER INFORMATION

(WM)

Truck ID: 102/103

Driver: Steve Costa 5-3-99
Print full name & sign Date

TIME OUT		1318
TIME IN	12:00	
TIME SPENT		

DISPOSAL FACILITY INFORMATION

Seaport Environmental
875 Seaport Boulevard
Redwood City, Ca 94063
Phone: (650) 360 1024

Approval Number

801-813

Solids %WT pH

[] [7]

Solids Surcharge
w/USG

6-3-99

Received by: [Signature]
Print full name & sign

Date

4-29-1999 11:01AM FROM SEAPORT 16503641021

1010
P.2 4



NON-HAZARDOUS WATER TRANSPORT FORM

05 04 99 01

GENERATOR INFORMATION

Rino Pacific
1107 5th St
Oakland CA

CUSTOMER INFORMATION

Rino Pacific
707-462-8811
PO #

DESCRIPTION OF WATER Excavation dewatering
NON-HAZARDOUS WASTE WATER. MONITORING WELL PURGE WATER AND/OR RINGER RINGSATE, TANK RINGSATE OR ABOVE
DESCRIBED WATER THIS WATER MAY CONTAIN DISSOLVED HYDROCARBONS. I CERTIFY THAT THE ABOVE NAMED MATERIAL
IS A LIQUID EXEMPT FROM RCRA PER 40 CFR 261.4 (b)(1)(B) AND DOES NOT MEET THE CRITERIA OF HAZARDOUS WASTE AS
DESCRIBED IN 27 CFR ARTICLE 11 OR ANY OTHER APPLICABLE STATE LAW. HAS BEEN PROPERLY DESCRIBED,
CLASSIFIED AND PACKAGED AND IS IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO APPLICABLE
REGULATIONS

Rino Pacific LLC
Generator/Authorized Agent

[Signature] 5-3-99
Date

SITE INFORMATION

1107 5th St.
Oakland
CA

GROSS	
TARE	
NET	
TOTAL GALLONS	3,000
<small>Computed at 12.5000 per USG</small>	

TRANSPORTER INFORMATION

IWM

Truck ID: 100/103
Driver: Stacy Co. To [Signature] 5-4-99
Print full name & sign Date

TIME OUT	
TIME IN	10:20
TIME SPENT	

DISPOSAL FACILITY INFORMATION

Seaport Environmental
675 Seaport Boulevard
Redwood City, CA 94063
Phone: (650) 364 1024

Approval Number

901-813

Solids %W: 0 7

[0] [7]

Solids Surcharge
c/USG

Received by: [Signature] 5-4-99
Print full name & sign Date

TU 11 24

P.05

650 3641024

Seaport Petroleum

MAY-04-99 02:14

P.10

FROM SEAPORT PETROLEUM 6022724380

5-25-1999 2:15PM

Seaport Petroleum Corporation
25 North 57th Avenue
Phoenix, AZ 85043
Phone (602) 269-1605 /Fax (602) 272-4380

Invoice

DATE	INVOICE NO.
05/04/99	9902067

BILL TO
Rino Pacific LLC P.O. Box 328 Wilsonville, OR 97070-0328

P.O. NO.	TERMS	DUE DATE	SHIP DATE	SHIP VIA	FOB	B L NO
	Net 30	06/03/99	05/04/99	MM	FWC	901-613
QTY USG	DESCRIPTION			RATE \$/USG	AMOUNT	
12,000	Disposal of non-hazardous waste water.			0.22	2,640.00	
					Total	\$2,640.00

May-03-99 21:38 Seaport Petroleum
4-29-1999 11:01AM FROM SEAPORT 16503841021

650 3641024

P.03



NON-HAZARDOUS WATER TRANSPORT FORM

05 03 99 02

GENERATOR INFORMATION

Rino Pacific
1107 5th St.
Oakland CA

CUSTOMER INFORMATION

Rino Pacific
707-462-8811
PO #

DESCRIPTION OF WATER: Excavation containing
NONHAZARDOUS WASTE WATER, MONITORING WELL PURGE WATER AND/OR AUGER RINSATE, TANK RINSATE OR ABOVE
DESCRIBED WATER. THIS WATER MAY CONTAIN DISSOLVED HYDROCARBONS. I CERTIFY THAT THE ABOVE NAMED MATERIAL
IS A LIQUID EXEMPT FROM RCRA PER 40 CFR 261.4 (B)(1)(II) AND DOES NOT MEET THE CRITERIA OF HAZARDOUS WASTE AS
DESCRIBED IN 22 CCP ARTICLE 11 OR ANY OTHER APPLICABLE STATE LAW, HAS BEEN PROPERLY DESCRIBED,
CLASSIFIED AND PACKAGED AND IS IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO APPLICABLE
REGULATIONS.

Rino Pacific LLC.
Generator/Authorized Agent

Brian Hanner 5-3-99
Date

SITE INFORMATION

1107 5th St.
Oakland
CA

GROSS	
TARE	
NET	
TOTAL GALLONS	6000

TRANSPORTER INFORMATION

IWM

Truck ID: 111-105-

Driver: Bill Pear 5-3-99
Print full name & sign Date

TIME OUT	
TIME IN	2:55
TIME SPENT	

DISPOSAL FACILITY INFORMATION

Seaport Environmental
675 Seaport Boulevard
Redwood City, Ca 94063
Phone: (650) 364 1024

Approval Number

801-613

Solids %wt pH

0% 7

Solids Surcharge
CJSC

M 14 88

Received by: John Salter
Print full name & sign

5-3-99
Date

May-03-99 21:38 Seaport Petroleum
4-29-1999 11:01AM FROM SEAPORT 16503641021

650 3641024

P.04

P.2



NON-HAZARDOUS WATER TRANSPORT FORM

03 03 99 03

GENERATOR INFORMATION

Rino Pacific
1107 5th St.
Oakland CA

CUSTOMER INFORMATION

Rino Pacific
707-452-8811
PO #

DESCRIPTION OF WATER: Excavation dewatering
NON-HAZARDOUS WASTE WATER, MONITORING WELL PURGE WATER AND/OR ALDRIN RINSATE. TANK RINSATE OR ABOVE
DESCRIBED WATER THIS WATER MAY CONTAIN DISSOLVED HYDROCARBONS. I CERTIFY THAT THE ABOVE NAMED MATERIAL
IS A LIQUID EXEMPT FROM RCRA PER 40 CFR 261.4 (b)(1)(i) AND DOES NOT MEET THE CRITERIA OF HAZARDOUS WASTE AS
DESCRIBED IN 22 CCR ARTICLE 11 OR ANY OTHER APPLICABLE STATE LAW. HAS BEEN PROPERLY DESCRIBED,
CLASSIFIED AND PACKAGED AND IS IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO APPLICABLE
REGULATIONS.

Rino Pacific LLC
Generator/Authorized Agent

[Signature] 5-3-99
Date

SITE INFORMATION

1107 5th St.
Oakland
CA

GROSS	
TARE	
NET	
TOTAL GALLONS	6000

Calculated at 2.3449 lb/USG

TRANSPORTER INFORMATION

IWM

Truck ID: 102/103

Driver: JERRY COSTA 5-3-99
Print full name & sign Date

TIME OUT	
TIME IN	4:45
TIME SPENT	

DISPOSAL FACILITY INFORMATION

Seaport Environmental
675 Seaport Boulevard
Redwood City, Ca 94063
Phone: (650) 366 1024

Approval Number

601-613

Solids KWT SH

0.1 7

M 16 88

Solids Surcharge
w/USG

Received by: [Signature] 5-3-99
Print full name & sign Date

Seaport Petroleum Corporation
 25 North 57th Avenue
 Phoenix, AZ 85043
 Phone (602) 269-1605 /Fax (602) 272-4380

Invoice

DATE	INVOICE NO.
05/10/99	9902140

BILL TO
Rino Pacific LLC P.O. Box 328 Wilsonville, OR 97070-0328

P.O. NO.	TERMS	DUE DATE	SHIP DATE	SHIP VIA	FOB	B L NO
	Net 30	06/09/99	05/10/99	WM	FWC	901-613
QTY USG	DESCRIPTION			RATE \$/USG	AMOUNT	
25	Freight Tanker with Operator (25 Hours)			70.00	1,750.00	
1	Clean Two 20,000 gallon tanks (see attachment for details)			4,482.50	4,482.50	
					Total	\$6,232.50

Sheet1

Seaport Petroleum					
Job Report for Tank Cleaning at 1107 5th Street, Oakland, CA					
Date	Emp/Equip	Hour	Rate	Charge	Task
5/5/99	Tech	9	\$ 50.00	\$ 450.00	Remove 3000 gallons of solids from Tank
5/5/99	Tech	3	\$ 50.00	\$ 150.00	Remove 6 drums of solids from Tank
5/5/99	Tech	15	\$ 50.00	\$ 750.00	Pressure wash inside of Tanks
5/5/99	Tanker/operator	8	\$ 70.00	\$ 560.00	Onsite
5/5/99	Tanker/operator	3	\$ 70.00	\$ 210.00	Deliver to Seaport
5/5/99	Pressure Washer	1	\$ 50.00	\$ 50.00	
				\$ 2,170.00	Sub-Total
5/6/99	Tech	19.5	\$ 50.00	\$ 975.00	Pressure wash and hand scrub inside of tanks
5/6/99	Pressure Washer	1	\$ 50.00	\$ 50.00	
				\$ 1,025.00	Sub-total
5/7/99	Tech	24.75	\$ 50.00	\$ 1,237.50	Hot wash and hand scrub inside of tanks
5/7/99	Pressure Washer	1	\$ 50.00	\$ 50.00	
				\$ 1,287.50	Sub-Total
				\$ 4,482.50	Total



Peter M. Rooney
Secretary for
Environmental
Protection

State Water Resources Control Board

John P. Caffrey, Chairman



Pete Wilson
Governor
CIVIL SERVICE
PROTECTION

88 OCT -8 PM 3:07

Division of Clean Water Programs
2014 T Street, Suite 130 • Sacramento, California 95814 • (916) 227-4539 FAX (916) 227-4539
Mailing Address: P.O. Box 944212 • Sacramento, California • 94244-2120
Internet Address: <http://www.swrcb.ca.gov/~cwphome/ustcf/fundhome.htm>

October 7, 1998

STID #922
LS

Reed Rinehart
Rino Pacific, Inc.
P O Box 725
Ukiah, CA 95482

UNDERGROUND STORAGE TANK CLEANUP FUND PROGRAM, STAFF DECISION TO REJECT CLAIM: CLAIM NUMBER 13192; FOR SITE ADDRESS: 1107 5TH ST, OAKLAND

Your claim has been found to be ineligible for placement on the Priority List for the following reason:

You have not demonstrated that you were in compliance with applicable operating permit requirements pursuant to Chapter 6.7 of the Health and Safety Code.

NOTE: Sections cited are found in the Petroleum Underground Storage Tank Cleanup Fund Regulations, Title 23, Division 3, Chapter 18, of the California Code of Regulations.

If you disagree with this Staff Decision, you may either request review and reconsideration by the Program Manager or you may formally appeal the decision and request a Final Division Decision from the Chief of the Division. A request for reconsideration along with any additional documentation should be sent to:

Dave Deaner, Program Manager, Claim #13192
UST Cleanup Fund Program
State Water Resources Control Board
Division of Clean Water Programs
P.O. Box 944212
Sacramento, CA 94244-2120

A request to the Chief of the Division must include, at a minimum: (1) a statement describing how the claimant is damaged by the prior Staff Decision; (2) a description of the remedy or outcome desired; and (3) an explanation of why the claimant believes the action or the Staff Decision is erroneous, inappropriate or improper.

The request to the Chief of the Division must be sent to Edward C. Anton, Chief, Division of Clean Water Programs, at the address listed above.

October 7, 1998

If you do not request review and reconsideration by the Program Manager or request a Final Division Decision from the Chief of the Division within sixty (60) calendar days from the date of this letter, the Staff Decision will then become final and conclusive.

If you have any questions, please call me at (916) 227-4539.

Sincerely,



Cheryl Gordon
Claim Review Unit
Underground Storage Tank Cleanup Fund

cc: Mr. Thomas Peacock
Alameda County EHD
1131 Harbor Bay Pkway, 2nd Fl.
Alameda, CA 94502-6577



Peter M. Rooney
Secretary for
Environmental
Protection

State Water Resources Control Board

John P. Caffrey, Chairman



Pete Wilson
Governor

Division of Clean Water Programs

2014 T Street, Suite 130 • Sacramento, California 95814 • (916) 227-4539 FAX (916) 227-4530

Mailing Address: P.O. Box 944212 • Sacramento, California • 94244-2120

Internet Address: <http://www.swrcb.ca.gov/~cwphome/ustcf/fundhome.htm>

July 6, 1998

Reed Rinehart
Rino Pacific, Inc.
P O Box 725
Ukiah, CA 95482

#922
LS

UNDERGROUND STORAGE TANK CLEANUP FUND PROGRAM, REQUEST FOR FURTHER DOCUMENTATION DURING INITIAL REVIEW: CLAIM NUMBER 13192; FOR SITE ADDRESS: 1107 5TH ST, OAKLAND 94607

After reviewing your claim application to the Cleanup Fund, we find that the following additional information is needed to determine your eligibility for placement on the Priority List:

A copy of the permit to own or operate the UST from the local implementing agency dated between January 1, 1984 and January 1, 1990 (pursuant to Chapter 6.7 of the Health and Safety Code).

If you were not subject to the permit requirement, submit documentation to confirm this claim. Situations where the permit was not required by January 1, 1990, can include: a) you removed all USTs prior to January 1, 1990; and not replaced; b) you decommissioned all USTs pursuant to the direction of the regulatory agency prior to January 1, 1984; c) you sold the property and tanks by January 1, 1990.

If you were subject to the permit requirement but failed to comply by January 1, 1990, you can request the State Board to waive the requirement as a condition for eligibility. To request a waiver, complete the enclosed "Permit Waiver Request" form and return with any additional information requested below.

NOTE: Failure to respond to this request within thirty (30) calendar days from the date of this letter may result in an ineligibility determination of your claim.

If you have any questions, please contact me at (916) 227-4539.

Sincerely,

Cheryl Gordon
Claim Review Unit
Underground Storage Tank Cleanup Fund



Rino Pacific, Inc.

-2-

July 6, 1998

ENVIRONMENTAL
PROTECTION
98 JUL 10 PM 3:43

Enclosure

cc: Mr. Thomas Peacock
Alameda County EHD
1131 Harbor Bay Pkway, 2nd Fl.
Alameda, CA 94502-6577



ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES

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

May 18, 1999

Rinehart Oil Inc.
P.O. Box 725
Ukiah, CA 95482
Attn: Mr. Reed Reinhart
STID 922

RE: 1107-5th Street, Oakland, CA 94607

Dear Mr. Rinehart:

Please inform this office within five (5) days of the receipt of this letter the status of the investigation detailed in your Work Plan Addendum dated August 27, 1998. As of this date, this office has not received a final report for this investigation.

If you have any questions, please contact me at (510) 567-6774.

Sincerely,

Larry Seto
Sr. Hazardous Materials Specialist

Cc: Tom Henderson, W.A. Craig, 6940 Tremont Road, Dixon, CA 95620
Cheryl Gordon, State Water Board, P.O. Box 944212, Sacramento,
CA 94244-2120
Leroy Griffin, City of Oakland, 505 14th Street, 7th Floor, Oakland, CA 94612
Files 3

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



September 24, 1998

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

Rinehart Oil Inc.
P.O. Box 725
Ukiah, CA 95482
Attn: Mr. Reed Reinhart
STID 922

RE: 1107-5th Street, Oakland, CA 94607

Dear Mr. Rinehart:

I have reviewed your Work Plan Addendum dated August 27, 1998 that was prepared by W.A. Craig, Inc. It is acceptable.

If you have any questions, please contact me at (510) 567-6774.

Sincerely,



Larry Seto
Sr. Hazardous Materials Specialist

Cc: Tom Henderson, W.A. Craig, 6940 Tremont Road, Dixon, CA 95620
Leroy Griffin, City of Oakland, 505 14th Street, 7th Floor, Oakland, CA 94612
Files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



Certified Mailer # P 143 589 376

August 13, 1998

Rinehart Oil Inc.
P.O. Box 725
Ukiah, CA 95482
Attn: Mr. Reed Reinhart
STID 922

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

NOTICE OF VIOLATION

RE: 1107-5th Street, Oakland, CA 94607

Dear Mr. Rinehart:

A letter addressed to you dated June 29, 1998 requested a subsurface workplan. As of this date, a subsurface workplan has not been received. **Please submit a subsurface workplan within 30 days of the receipt of this letter** to assess the subsurface condition on the southeast portion of the site, along Chestnut Street, and south of the site in the parking lot of the adjacent property. In addition, please submit all monitoring reports with sampling dates after September 9, 1997.

This office has not received any quarterly sampling results since the sampling on September 9, 1997. Since monitoring of the wells on-site commenced in November 1996, up to 51,000 ppb TPH(diesel), 31,000 ppb TPH(gas), 840,000 ppb MTBE, 4,000 ppb benzene, 3,100 ppb toluene, 860 ethyl-benzene and 12,000 ppb xylenes have been detected in groundwater.

Reports and proposals must be submitted under signature and seal of a California Registered Geologist, Certified Engineering Geologist, or Registered Civil Engineer.

If you have any questions, please contact me at (510) 567-6774.

Sincerely,


Larry Seto
Sr. Hazardous Materials Specialist

Cc: Bob Chambers, Alameda County District Attorney's Office, Consumer and
Environmental Protection
Leroy Griffin, City of Oakland, 505 14th Street, 7th Floor, Oakland, CA 94612
Geoffery Fiedler, W.A. Craig, Inc., P.O. Box 448, Napa, CA 94559-0448
Files

#922
LSET0 P 143 589 376

US Postal Service
Receipt for Certified Mail

No Insurance Coverage Provided.
Do not use for International Mail (See reverse)

Sent to Mr. Reed Reinhart	
Rinehart Oil Inc.	
Street & Number P O Box 725	
Post Office, State, & ZIP Code Ukiah CA 95482	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

PS Form 3800, April 1995

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services for an extra fee:

1. Addressee's Address
 2. Restricted Delivery
- Consult postmaster for fee.

3. Article Addressed to: L. Seto #922

MR. Reed Reinhart
Rinehart Oil Inc.
PO Box 725
Ukiah CA 95482

4a. Article Number
P 143 589 376

4b. Service Type

<input type="checkbox"/> Registered	<input checked="" type="checkbox"/> Certified
<input type="checkbox"/> Express Mail	<input type="checkbox"/> Insured
<input type="checkbox"/> Return Receipt for Merchandise	<input type="checkbox"/> COD

7. Date of Delivery

5. Received By: (Print Name)

Charlotte Bartone

6. Signature: (Addressee or Agent)

Charlotte Bartone

8. Addressee's Address (Only if requested and fee is paid)

PS Form 3811, December 1994

102595-97-B-0179

Domestic Return Receipt

Thank you for using Return Receipt Service.

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
(510) 567-6700
(510) 337-9432

June 29, 1998

Rinehart Oil Inc.
P.O. Box 725
Ukiah CA 95482
Attn: Mr. Reed Rinehart
STID 922

RE: 1107-5th Street, Oakland, CA 94607

Dear Mr. Rinehart:

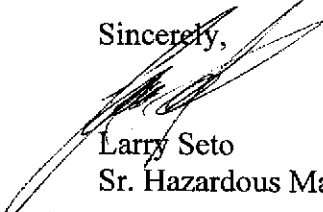
This office has not received any quarterly sampling results since the sampling on September 9, 1997. Since monitoring of the wells on-site commenced in November 1996, up to 51,000 ppb TPH(diesel), 31,000 ppb TPH(gas), 840,000 ppb MTBE, 4,000 ppb benzene, 3,100 ppb toluene, 860 ethyl-benzene and 12,000 ppb xylenes have been detected in groundwater.

Please submit a subsurface workplan within 30 days of the receipt of this letter to assess the subsurface condition on the southeast portion of the site, along Chestnut Street, and south of the site in the parking lot of the adjacent property. In addition, please submit all monitoring reports with sampling dates after September 9, 1998.

Reports and proposals must be submitted under signature and seal of a California-Registered Geologist, Certified Engineering Geologist, or Registered Civil Engineer.

If you have any questions, please contact me at (510) 567-6774.

Sincerely,



Larry Seto
Sr. Hazardous Materials Specialist

Cc: Leroy Griffin, City of Oakland, 505 14th Street, 7th Floor, Oakland, CA 94612
Geoffery Fiedler, W.A. Craig, Inc., P.O. Box 448, Napa, CA 94559-0448
Files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



May 21, 1997
LOP STID 922
page 1 of 2

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

Attn: Reed Rinehart
Rinehart Oil Inc.
PO Box 725
Ukiah CA 95482

RE: Rino Pacific site, aka J&O Truck Stop, 1107-5th St., Oakland CA 94607

Dear Mr. Rinehart,

Since my last letter to you, dated 9/20/96, the following documents have been submitted to this office:

- 1) "Subsurface Investigation Report," prepared by W.A. Craig, Inc., dated 1/17/97;
- 2) fax from WA Craig, dated 3/10/97 (re the passive skimmer);
- 3) fax from WA Craig, dated 3/14/97 (lab report for stockpile and MW results);
- 4) letter from Bernabe and Brinker, dated 3/16/97 (re the disposal of contaminated groundwater, with attachments); and
- 5) "Groundwater Monitoring Report, March 1997," prepared by W.A. Craig, Inc., dated 5/15/97.

The "Groundwater Monitoring Report" documents results of sampling conducted on 3/5/97. Groundwater flow direction has been documented as south to southeast, during three monitoring events from 10/21/96 to 3/5/97. Thus, MW2 appears to be the upgradient well. The concentrations of MTBE found in MW2 are some of the highest ever recorded in this office. MTBE is a gasoline additive. MW2 contained 470,000 ppb of MTBE on 11/4/96, and 760,000 ppb of MTBE on 3/5/97. Note that soils in MW2 (EB4) contained 83 ppm MTBE at 5'bgs. Groundwater was first encountered at 8'bgs, then stabilized at 5'bgs in MW2 (EB4). It thus appears that the MTBE found in groundwater in MW2 may be due to an onsite source. It is interesting to note that MW1 has been ND for MTBE (and TPHg and BTEX), while MW3 contained 1,000 and 13 ppb of MTBE during these sampling episodes. MW1 and MW3 are located approximately 60 and 30 feet from the UST complex, while MW2 is located approximately 15 feet from the UST complex. In order to determine if your USTs are the source of the MTBE, you are requested to collect water samples from RW-W and RW-E during the next quarterly event (scheduled for June), and analyze the samples for MTBE, as well as

May 21, 1997
LOP STID 922
page 2 of 2
Attn: Reed Rinehart

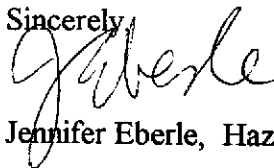
TPHd, TPHg, and BTEX. The TPHd, TPHg, and BTEX analyses are requested in order to determine if the groundwater contamination found in MW2 is due to the USTs. These RW wells are located approximately 7 feet from the UST complex, with RW-E (aka RW-2) in an immediate downgradient direction.

MTBE (and petroleum hydrocarbons) were found in soils in some of the other borings installed throughout the site in October 1996. The dispenser area was found to be impacted by hydrocarbons (and MTBE), as evidenced in EB-5 and EB-7. Groundwater samples were not collected in the dispenser area. However, free product was detected in soils at approximately 5' bgs in EB-5. Therefore, **you are requested to perform an additional Soil and Water Investigation (SWI)**, as per Sect. 2724 of Chapter 16, Division 3, Title 23, California Code of Regulations. Rapid site assessment methods (i.e. cone penetrometer testing, geoprobe, hydropunch, etc.) are suggested to qualitatively assess impacts and to define the extent of the contaminant plume, as a first step of the SWI. The SWI may be used to later implement corrective action, as per a Corrective Action Plan, as defined in Sect. 2726 of Chapter 16, Division 3, Title 23, California Code of Regulations. **At a minimum, soil and groundwater samples should be collected near each dispenser and product line, to determine whether the dispensers and lines are a source(s) of contamination. Please submit a workplan for a SWI within 45 days, or by July 7, 1997.**

All work should adhere to a) the Tri-Regional Board Staff Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites, dated 8/10/90; and b) Article 11 of Title 23, California Code of Regulations. **Reports and proposals must be submitted under signature and seal of a California-Registered Geologist, -Certified Engineering Geologist, or -Registered Civil Engineer.**

Lastly, you are requested to determine the elevations of the recovery wells, and report them during the quarterly monitoring reports. The elevations should be referenced to a known datum. Please contact me by telephone (510-567-6761) if you have any questions.

Sincerely,



Jennifer Eberle, Hazardous Materials Specialist

cc: Jeff Fiedler, W.A. Craig, Inc., PO Box 448, Napa CA 94559-0448
Pam Evans (Haz Mat)
Cheryl Gordon, SWRCB, UST Cleanup Fund
Jennifer Eberle/file

je.922-B



BERNABE AND BRINKER INC.

General Engineering Contractor • Hazardous Substances Removal • License #619617

2240 Wood Street
Oakland, California 94607

TEL: 510 • 451 • 3483
FAX: 510 • 836 • 2635

ENVIRONMENTAL PROTECTION
57 MAR 21 PM 2:11

March 16, 1997

Alameda County Health Care Services
1131 Harbor Bay Parkway
Suite 250
Alameda CA

Re: ~~Rino Pacific~~ site: 1107 5th Street, Oakland, CA, 94607

Attn: Ms. Jeniffer Eberle

Dear Ms. Eberle:

Regarding your letter of March 3, 1997 referring to our invoice 2304, 2305 and 2307.

Invoice 2305 dated March 3, 1995, is covered by Enviropur West Corporation with their Invoice No. 87859 dated 2-22-95, with manifest number 93605870 (copy enclosed)

? date
quote?

Invoice No. 2307 dated 3-03-95 is also covered by the same manifest No. 93605870. This varies from our manifest number shown on the invoice, but the only explanation I have is that the information was given to me over the phone and I may have written the manifest number down incorrectly.

BS
+ date
+ amt
over

who is he? →

Concerning the last invoice Number 2304 dated 4-01-95, I have met with Mr. Douglas Scott of Pacific Petro Chemical of Benicia California. Mr. Scott has informed me that Enviropur West Corporation, the company that picked up the contaminated water has gone bankrupt.

Mr. Scott is presently trying to contact the former owners of Enviropur West Corp., but as of this time has had no success.

We shall continue our attempts to obtain the manifest number mentioned on Invoice No. 2304.

Sincerely,

James E. Brinker
James E. Brinker

cc: Reed Rinehart of Rine Hart Oil
cc: Douglas Scott of Petro Chemical



BERNABE AND BRINKER INC.

A-General Engineering Contractor
1281 - 30th Street
Oakland, CA 94608

(510) 451-3482
FAX (510) 836-2635

ENVIRONMENTAL
PROTECTION

97 MAR 21 PM 2:11

Invoice

No 2304

TO: Mr. Tony Muir
J. & O Tires
1107-5th St., Oakland, Ca 94607

DATE 4-01-95	ORDER NO. Reed Rinehart
SHIP TO Same	

SALESPERSON	DATE SHIPPED	SHIPPED VIA	F.O.B. POINT	TERMS
> 001	4-01-95	B & B Inc.	Oakland	Upon Receipt

QUANTITY	DESCRIPTION	UNIT PRICE	TOTAL
>	Profile, pump and ship for recycle 23 drums of RCRA Hazardous Waste (Gasoline and Water) Manifest No. 089883 Pacific Pride Job.		\$3,680.00
A 1% FINANCE CHARGE WILL BE ADDED TO ALL INVOICES OVER 30 DAYS OLD.			

Thank You!



BERNABE AND BRINKER INC.

A-General Engineering Contractor

1281 - 30th Street
Oakland, CA 94608

(510) 451-3482

FAX (510) 836-2635

Invoice

No 2305

TO: Mr. Tony Muir
J. & O Tires
1107-5th St., Oakland, Ca 94607

ENVIRONMENTAL PROTECTION

DATE

3-03-95

ORDER NO.

Reed Rinehart

SHIP TO

97 MAR 21 PM 2:11

SALESPERSON	DATE SHIPPED	SHIPPED VIA	F.O.B. POINT	TERMS
> 001	3-03-95	B & B Inc.	Oakland	Upon Receipt

QUANTITY	DESCRIPTION	UNIT PRICE	TOTAL
	Profile, pump, ship 8-55 gallon drums of Waste gasoline and water , A, RCRA Waste for recycle. Pacific Pride Job <i>MANIFEST # 93605870</i> <i>INV # 87859.</i> <i>DATED - 2-22-95</i> <i>440 gal</i>		\$1,280.00

A 1% FINANCE CHARGE WILL BE ADDED TO ALL INVOICES OVER 30 DAYS OLD.

Thank You



ENVIROPUR WEST CORPORATION

13531 N Hwy 93/110 Box 110

Patterson, CA 95363

(209) 892-6742 / (600) 874 4444

93605870

STATE MANIFEST #
USED OIL HAULER # 30050
EPA # CA0003190728
HAZARDOUS WASTE
HAULER REG # 2591

87859

INTERVAL

2-22-95

REMOVED	NAME <i>Pacific Fibers</i>	NAME <i>Pacific Petroleum</i>	DATE <i>2/22/95</i>
	ADDRESS <i>Chilard</i>	ADDRESS <i>938 Adams</i>	TIME <i>8:30</i>
	PHONE <i>938 Adams</i>	PHONE <i>938 Adams</i>	TIME <i>5:00</i>
		PHONE <i>938 Adams</i>	TIME <i>5:00</i>

PLEASE PAY FROM THIS INVOICE

PRODUCT	GALLONS	HOURS	RATE	AMOUNT
HAZARDOUS WASTE OIL	700			
TEST ICE				
HAZARDOUS WASTE				
HOURLY CHARGES				

Item amount shown above to be correct

Douglas Scott
(Customer Signature)

[Signature]
(Driver Signature)

PAYMENT DUE UPON RECEIPT OF THIS INVOICE. If you are unable to pay, you will be charged on all past due accounts. In the event of non-payment, we reserve the right to institute legal proceedings. purchaser agrees to pay, without any other liability, all amounts due.

TOTAL CHARGES



BERNABE AND BRINKER INC.

A-General Engineering Contractor

1281 30th Street
Oakland, CA 94608

ENVIRONMENTAL
PROTECTION

PHONE (510) 451-3482
FAX (510) 836-2635

Invoice

No 2307

TO:

Mr. Tony Muir

J. & O Tires

1107 5th St., Oakland, Ca 94607

DATE	ORDER NO.
3-03-95	Reed Rinehart
SHIP TO	
Same	

SALESPERSON	DATE SHIPPED	SHIPPED VIA	F.O.B. POINT	TERMS
> 001	3-03-95	B & B Inc.	Oakland	Upon Receipt

QUANTITY	DESCRIPTION	UNIT PRICE	TOTAL
>	Profile, pump, ship 2 - 55 gallon drums of waste, A RCRA Waste for recycle. (Pacific Pride Job) Manifest # 93605778 <i>Manifest # 93605870</i> <i>2-22-95</i> <i>INVOICE # 87867.</i>		\$320.00

A 1% FINANCE CHARGE WILL BE ADDED TO ALL INVOICES OVER 30 DAYS OLD.

Thank You!



ENVIROPUR WEST CORPORATION

13331 N. Hwy 33 / P.O. Box 1167
Patterson, CA 95363
(209) 892-6742 / (800) 874-4444

93605878

STATE MANIFEST # _____
USED OIL HAULER # 86-050
EPA # CAD083166728
HAZARDOUS WASTE
HAULER REG # 2591

INTERVAL

2-22-95

DATE

INV. # **87867**

CUSTOMER	NAME <u>Panitic Rider</u>		DRIVER <u>[Signature]</u> TRUCK # <u>50</u>	
	ADDRESS _____		BILLING ADDRESS IF DIFFERENT <u>938 ADAMS</u>	
	CITY STATE ZIP <u>OAKLAND</u>	PHONE _____	CITY STATE ZIP <u>Berkeley</u>	TERMS
				CASH NET 10 DAY PO # _____

• PLEASE PAY FROM THIS INVOICE •

PRODUCT	GALLONS	HOURS	RATE	AMOUNT
HAZARDOUS WASTE OIL	<u>300</u>			
TEST FEE				
HAZARDOUS WASTE _____				
HOURLY CHARGES				

I certify amount shown above to be correct.

[Signature]
(Customer Signature)

[Signature]
(Driver Signature)

PAYMENT DUE UPON RECEIPT OF INVOICE. A service charge of 1½% per month shall be charged on all past due accounts. In the event this account becomes delinquent and it is necessary to institute legal proceedings, purchaser agrees to pay reasonable attorney's fee and court costs.

TOTAL CHARGES

white -env. health
yellow -facility
pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

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

Hazardous Materials Inspection Form

II, III

Site ID # _____ Site Name Rino Pacific Today's Date 3/7/97

Site Address 1107- 5th 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. Under ground Storage Tanks

SP sample, skimmer inst.

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

10:00 onsite

Comments:

Met Russ Gentry. He is installing a skimmer in RW-West (closest to Adeline). I noted diesel product + staining below/adjacent to ^{all} dispensers, except dispenser #3+4. Noted cat litter on ground around some of these spills. There are also 3 drums (2 blue + 1 black) next to large storage container #4 on east side of fire shop. One ^(blue) is labeled "Charron heavy duty motor oil SAE 40" + is ~ 2/3 full + ~~is~~ has open bung hole. 2nd blue drum is stamped "Prepolymer PCA 4-1.0. toluene soeyate" + is at least 1/2 full + is closed. ~~3~~ The black drum is labeled "non-haz waste, purge water, MW" + is at least 1/2 full + is closed.

10:45 Russ is beginning to sample the stockpile. Russ climbed onto Baker tank, looked in + noted water liquid level was ~ 4-5' from the top, w/ strong HC odor.

10:55 left site

Contact _____
co. Title W. H. Craig
Signature [Signature]

II, III

Inspector Jennifer Eberle
Signature [Signature]



BERNABE AND BRINKER INC.

General Engineering Contractor • Hazardous Substances Removal • License #610617

2240 Wood Street
Oakland, California 94607

TEL: 510 • 451 • 3482
FAX: 510 • 836 • 2635

March 16, 1997

Alameda County Health Care Services
1131 Harbor Bay Parkway
Suite 250
Alameda CA

Re: Rio Pacific site: 1107-5th Street, Oakland, CA, 94607

Attn: Ms. Jeniffer Eberle

Dear Ms. Eberle:

Regarding your letter of March 3, 1997 referring to our invoice 2304, 2305 and 2307.

Invoice 2305 dated March 3, 1995, is covered by Enviropur West Corporation with their Invoice No. 87859 dated 2-22-95, with manifest number 93605870 (copy enclosed)

Invoice No. 2307 dated 3-03-95 is also covered by the same manifest No. 93605870. This varies from our manifest number shown on the invoice, but the only explanation I have is that the information was given to me over the phone and I may have written the manifest number down incorrectly.

Concerning the last invoice Number 2304 dated 4-01-95, I have met with Mr. Douglas Scott of Pacific Petro Chemical of Benicia California. Mr. Scott has informed me that Enviropur West Corporation, the company that picked up the contaminated water has gone bankrupt.

Mr. Scott is presently trying to contact the former owners of Enviropur West Corp., but as of this time has had no success.

We shall continue our attempts to obtain the manifest number mentioned on Invoice No. 2304.

Sincerely,

James E. Brinker
James E. Brinker

cc: Reed Rinehart of Rine Hart Oil
cc: Douglas Scott of Petro Chemical

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY

DAVID J. KEARS, Agency Director

March 3, 1997
STID 922

James Brinker
Ernie Bernabe
Bernabe & Brinker
1281-30th St.
Oakland CA 94608

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

RE: Rino Pacific site, 1107-5th St., Oakland CA 94607

Dear Mr. Brinker and Mr. Bernabe,

This office is in receipt of three invoices from your company, addressed to Mr. Tony Muir, J & O Tires, 1107-5th St., Oakland CA 94607. These invoices are dated 3-3-95, 3-3-95, and 4-1-95. Your invoice numbers are 2304, 2305, and 2307. They describe "profile, pump and ship" various amounts (the units are drums) of "waste" (invoice #2307) and "gasoline and water" (invoice #2304 and #2305). I have attached copies of these manifests for your information. Two of the three invoices describe a manifest number as well.

You are requested to provide copies of the manifests referred to in these three invoices. In addition, please indicate from where these wastes originated.

Lastly, you are requested to provide disposal documentation for the free product and/or groundwater which was apparently pumped out of the subsurface into the Baker tank at the above referenced site. Please indicate when this system was installed and when it operated, as well as quantities of free product and groundwater removed.

PLEASE RESPOND TO THESE REQUESTS IN WRITING WITHIN 30 DAYS, OR BY APRIL 3, 1997.

Sincerely,

Jennifer Eberle
Hazardous Materials Specialist

cc: Mr. Leroy Griffin, City of Oakland, Fire Dept., Office of Emergency Services, 505-14th St., Suite 702, Oakland CA 94612
Mr. Tony Muir, J & O Tires, 1107-5th St., Oakland CA 94607
Mr. Reed Rinehart, Rino Pacific, PO Box 725, Ukiah CA 95482
Pam Evans/haz mat file
J. Eberle/LOP file

je.922-B&B
enclosure



BERNABE AND BRINKER INC.

A-General Engineering Contractor

1281 - 30th Street
Oakland, CA 94608

(510) 451-3482

FAX (510) 836-2635

Invoice

No 2304

TO: Mr. Tony Muir

J. & O Tires

1107-5th St., Oakland, Ca 94607

DATE 4-01-95	ORDER NO. Reed Rinehart
SHIP TO Same	

SALESPERSON	DATE SHIPPED	SHIPPED VIA	F.O.B. POINT	TERMS
> 001	4-01-95	B & B Inc.	Oakland	Upon Receipt

QUANTITY	DESCRIPTION	UNIT PRICE	TOTAL
	Profile, pump and ship for recycle 23 drums of RCRA Hazardous Waste (Gasoline and Water) Manifest No. 089883 Pacific Pride Job.		\$3,680.00
A 1 1/4% FINANCE CHARGE WILL BE ADDED TO ALL INVOICES OVER 30 DAYS OLD.			

Thank You!



BERNABE AND BRIDGER INC.

A-General Engineering Contractor

1281 - 30th Street

Oakland, CA 94608

(510) 451-3482

FAX (510) 836-2635

TO:

Mr. Tony Muir

J. & O Tires

1107-5th St., Oakland, Ca 94607

Invoice

No 2305

DATE 3-03-95	ORDER NO. Reed Rinehart
SHIP TO	

SALESPERSON	DATE SHIPPED	SHIPPED VIA	F.O.B. POINT	TERMS
> 001	3-03-95	B & B Inc.	Oakland	Upon Receipt

QUANTITY	DESCRIPTION	UNIT PRICE	TOTAL
	Profile, pump, ship 8-55 gallon drums of Waste gasoline and water , A, RCRA Waste for recycle. Pacific Pride Job		\$1,280.00
A 1 1/4% FINANCE CHARGE WILL BE ADDED TO ALL INVOICES OVER 30 DAYS OLD.			

Thank You!



BERNABE AND BRINCKER INC.

A-General Engineering Contractor

1281 - 30th St.
Oakland, CA 94608

(510) 451-3482
FAX (510) 836-2635

Invoice

No 2307

TO: Mr. Tony Muir
J. & O Tires
1107 5th St., Oakland, Ca 94607

DATE 3-03-95	ORDER NO. Reed Rinehart
SHIP TO Same	

SALESPERSON	DATE SHIPPED	SHIPPED VIA	F.O.B. POINT	TERMS
> 001	3-03-95	B & B Inc.	Oakland	Upon Receipt

QUANTITY	DESCRIPTION	UNIT PRICE	TOTAL
>	Profile, pump, ship 2 - 55 gallon drums of waste, A RCRA Waste for recycle. (Pacific Pride Job) Manifest # 93605778		\$320.00
A 1½% FINANCE CHARGE WILL BE ADDED TO ALL INVOICES OVER 30 DAYS OLD.			

Thank You!

Joseph Eberle

THE ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY, ENVIRONMENTAL HEALTH SERVICES, ENVIRONMENTAL PROTECTION DIVISION

IN RE THE PROPERTY KNOWN AS :

1107 5TH ST.
OAKLAND CA 94607

NOTICE
OF PRE-
REFERRAL AND
PRE-ENFORCEMENT
REVIEW PANEL

Notice is hereby given that upon the motion of the **County of Alameda, Health Care Services Agency, Environmental Health Services and the City of Oakland**, a **REVIEW PANEL** will convene on **Wednesday November 6, 1996 at 10:00 am** in the offices of the **Alameda County Environmental Protection Division** located at **1131 Harbor Bay Parkway, Alameda, CA 94502-6577**.

This **REVIEW PANEL** will convene for the purpose of determining legally responsible parties, and whether the following actions should be taken and/or findings should be made:

1. A determination whether as a result of the violations and /or conditions of noncompliance with the permitting, and/or monitoring, and/or all other provisions of Chapter 6.7 of the California Health and Safety Code (**The Underground Storage of Hazardous Substances Law**) found to exists at the above named location, there is cause to believe that said responsible parties have or may discharge hazardous substances which have or could affect the quality of waters of the State of California, so that there is good cause to issue a **Legal Request for the Furnishing and Transmittal of Information** pursuant to the provisions of section 25299.78(b) of the Health and Safety Code.
2. A finding of the extent of harm resulting from said violation(s), the nature and persistence of the violation, the length of time of the violation, the frequency of past violations, any action taken to mitigate the violation, and the financial burden to the responsible party, in order to recommend to the administrating agency the appropriate civil penalty of up to \$5,000 per day per violation which may be assessed pursuant to California Health and Safety Code section 25299 (a)(b)(c)(d).
3. A finding of the responsibility for the violation of Health and Safety Code Sections 25299.31 and/or Section 25299.37 and other provisions of Chapter 6.75 of the California Health and Safety Code, (**The Barry Keene Underground Storage Tank Cleanup Fund Act of 1989**) in that said responsible parties failed to submit and/or maintain evidence of financial responsibility for

taking corrective action or failed to undertake required corrective action, and a finding whether there is good cause to issue a **Directive and Legal Request for the Transmittal of Information** pursuant to Health and Safety Code Section 25299.78(b).

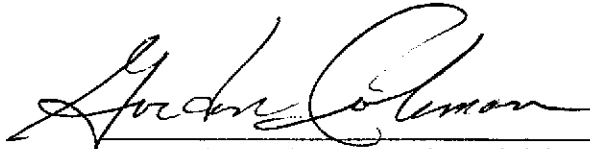
4. A finding of the extent of harm resulting from said violation(s), the nature and persistence of the violation, the length of time of the violation, the frequency of past violations, any action taken to mitigate the violation, and the financial burden to the responsible party, in order to recommend to the administrating agency the appropriate civil penalty of up to \$10,000 per day per storage tank which may be assessed pursuant to California Health and Safety Code section 25299.76.

The County of Alameda, Health Care Services Agency, Environmental Health Services has named and served notice of this **REVIEW PANEL** on the following persons and/or entities as having proposed responsibility for current ownership and/or operation, proposed future ownership and/or operation, contemporaneous ownership and/or operation, of said property and/or business, and by this notice all parties named herein are informed of the right to appear and show cause, if any they have, for the exclusion or inclusion of any of the parties, parties in interest and properties named herein from said responsibility or obligations:

Mr. Reed Rinehart
Rinehart Oil Inc.
P.O. Box 725
Ukiah CA 95482

Dated: 10 Oct 96

S/Alameda County Health Officer



By Gordon Coleman, Acting Division Chief
Alameda County Environmental Health Services
Environmental Protection Division

cc: Bob Chambers, Alameda County District Attorney's Office
Jennifer Krebs, ACDAO
Ariu Levi, Alameda County Environmental Protection Division
Pamela Evans, ACEPD
Jennifer Eberle, ACEPD
Don Atkinson-Adams, ACEPD

kotz796.not

white -env.health
yellow -facility
pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

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

Hazardous Materials Inspection Form

II, III

Site ID # _____ Site Name Ring Pacific Today's Date 10/10/96
Site Address 1107- 5th St
City Oakland 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. Under ground Storage Tanks

site investigation

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

12:00 arrived
Comments: Met Jeff Fielder of W/A Craig. They are doing EB-4 (MW2) right now. Rebd has asked him to check into skimmers for the free product. Opened West RW + smelled the gasoline. Noted sump near future MW3. Stack Ht: ~2 1/2 feet of oily water. They should finish the rest of the borings today.

left site
12:30

Contact _____
Title _____
Signature _____

Inspector _____
Signature *[Signature]*

II, III

W. A. CRAIG, INC.
Industrial and Environmental Contractor
P. O. Box 448
Napa, California 94559-0448
Contractor and Hazardous Substances License #455752
Cal/OSHA Statewide Annual Excavation Permit 556208
(800) 522-7244
Napa (707) 252-3353
Fax: (707)-252-3385
Napa (707) 252-3353

FAX TRANSMITTAL SHEET

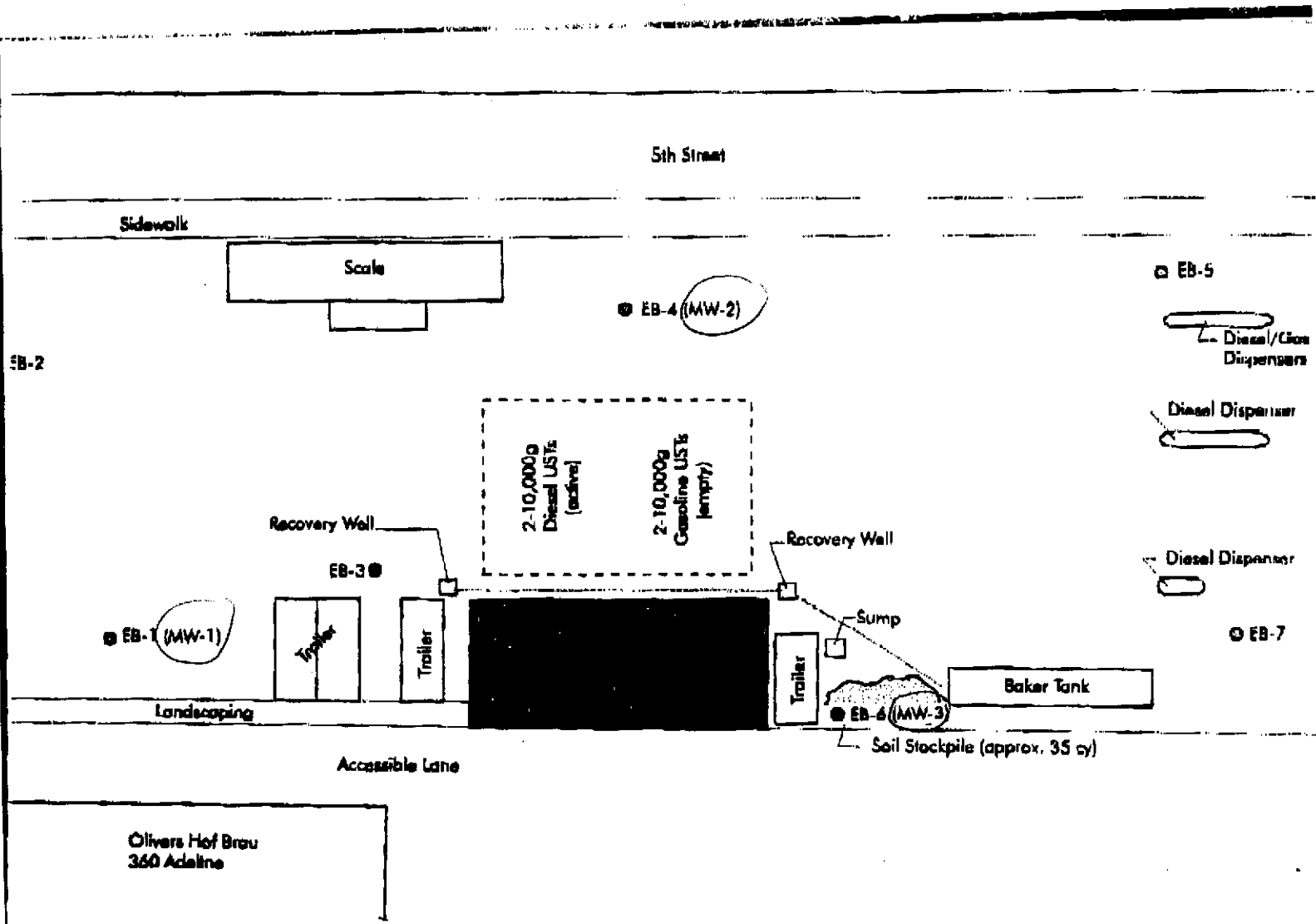
DATE: 10/2/96
TO: JENNIFER GEORGE
COMPANY: ALAMEDA CO. HEALTH SERVICES AGENCY
FAX #: 510 337-1535
FROM: JEFF FIEDLER

TOTAL # PAGES: 2 (INCLUDING COVER PAGE)

HARD COPY TO FOLLOW: YES () NO (X)

JENNIFER - I HAVE ATTACHED A
SITEPLAN WITH AN ALTERNATE MONITORING WELL
LOCATION SHOWN (MOW-3). I WILL CALL TO SEE
IF THIS IDEA IS ACCEPTABLE.

JEFF



EXPLANATION

- EB -1 Exploratory Borehole (proposed)
- (MW-1) Monitoring Well Location (proposed)

Approximated by padding and should be considered accurate only to the degree implied.

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



Alameda County
Environmental Protection Services
1131 Harbor Bay Parkway, Room 250
Alameda CA 94502-6577
CC4580

September 20, 1996
LOP STID 922

Attn: Reed Rinehart
Rinehart Oil Inc.
PO Box 725
Ukiah CA 95482

RE: Rino Pacific site, aka J&O Truck Stop, 1107-5th St., Oakland CA 94607

Dear Mr. Rinehart,

Thank you for submitting the "Workplan -- Soil and Groundwater Quality Investigation," prepared by W.A. Craig, Inc., dated 9/16/96. The workplan was received and reviewed today. This workplan involves seven soil borings, and the conversion of three into monitoring wells. **This workplan is acceptable on the condition** that one additional monitoring well be installed to the south of the USTs, in the area indicated on Figure 1 as "accessible lane." The reason for this request is due to the consistent southerly groundwater gradient at another site located approximately one block south of your site, known as Aramark (330 Chestnut St.).

In addition, you are requested to submit disposal documentation for the groundwater and/or free product which was already pumped into the existing Baker tank. As per our telecon on 8/30/96, you indicated that groundwater had already been disposed thusly. **Was the free product skimmed off the top, and contained and disposed separately? When did these pumping activities occur? For how long? Does the Baker tank currently contain any water?** Please respond to these questions in writing within 30 days, or by October 20, 1996.

Please contact me by telephone (510-567-6761) at least 3 business days in advance of field activities so that I may arrange to visit the site.

Sincerely,

Jennifer Eberle
Hazardous Materials Specialist

cc: Jeff Fiedler, W.A. Craig, Inc., PO Box 448, Napa CA 94559-0448
Jennifer Eberle/file
Pam Evans
Cheryl Gordon, SWQRB, UST Cleanup Fund

je.922-A

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



Alameda County
Environmental Protection Division
1131 Harbor Bay Parkway, Room 250
Alameda CA 94502-6577
CC4580

August 19, 1996

STID 922

page 1 of 2 Certified P 143 588 387

Attn: Reed Rinehart
Rinehart Oil Inc.
PO Box 725
Ukiah CA 95482

RE: **NOTICE OF VIOLATION, J&O Truck Stop, 1107-5th St., Oakland CA 94607**

Dear Mr. Rinehart,

We are in receipt of several letters from you, dated 2/22/95, 2/5/96, 5/10/96 (via fax), and 6/10/96 (unsigned). The 2/22/95 letter includes a "workplan" in "response to an unauthorized release." The "workplan" consists of a site map on a single page. The site map indicates two "recovery trenches" and an 18" slotted vertical pipe via the side view.

Jennifer Eberle of this office visited the site on 8/15/96, and confirmed the presence of a trench apparently filled with gravel, as well as a large and apparently empty above ground tank. Ms. Eberle spoke with Edward Talbot while onsite; he appears to be the operator of the USTs and J&O's Commercial Tire Center. Mr. Talbot indicated that although the gravel trench had been installed several months ago, PVC piping was installed just the day before (8/14/96). Mr. Talbot also indicated that the large above ground tank was to be used for groundwater and/or product extraction from the subsurface.

Although it was an attempt, the 2/22/95 "workplan" is not a valid workplan, primarily because it was not prepared by a qualified environmental consultant, as per the Tri-Regional Guidelines, and also because it was not approved by this office.

Your letter dated 2/5/96 indicates that "the contractor that started" the "cleanup process" was "continuing to recover contaminated product from the previously installed recovery wells." Again, this work was not approved by this office. This letter also indicates that a report would be submitted to our office as soon as it was available. In addition, your 6/10/96 letter indicates that you would probably be choosing W. A. Craig as your environmental consultant, and had planned to sign their contract on or before 6/26/96. As per a telecon with W.A. Craig on 8/13/96, we understand that you signed a contract for piping replacement in April or May; however, you had not signed a contract for subsurface investigation and/or remediation.

In addition, Pamela Evans sent you a "Notice of Legal Obligation," dated 4/25/96, which requested a copy of the latest investigation and cleanup report by 5/15/96. This Notice also instructed you to complete temporary closure of the gasoline tanks by June 30, 1996 and to inform her of the date the work was to begin. **To date, we have not received any**

August 19, 1996
STID 922
page 2 of 2
Attn: Reed Rinehart

environmental reports documenting the temporary closure or the investigation and/or remediation of this site.

For the above stated reasons, this Notice of Violation is being sent to you. Please note that J. Eberle left messages for you at the Ukiah number on 7/18/96 and 8/15/96 (on your voice mail), but she has not received any return calls.

You are requested to perform a Soil and Water Investigation (SWI), as per Sect. 2724 of Chapter 16, Division 3, Title 23, California Code of Regulations. Rapid site assessment methods (i.e. cone penetrometer testing, geoprobe, hydropunch, etc.) are suggested to qualitatively assess impacts and to define the extent of the contaminant plume, as a first step of the SWI. The SWI may be used to later implement corrective action, as per a Corrective Action Plan, as defined in Sect. 2726 of Chapter 16, Division 3, Title 23, California Code of Regulations. Please submit a workplan for a SWI within 14 days, or by September 2, 1996.


All work should adhere to a) the Tri-Regional Board Staff Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites, dated 8/10/90; and b) Article 11 of Title 23, California Code of Regulations. **Reports and proposals must be submitted under signature and seal of a California-Registered Geologist, -Certified Engineering Geologist, or -Registered Civil Engineer.**

You must also arrange for temporary closure of the two gasoline tanks. Inform Pamela Evans of the date this work will begin so that she may observe the procedure. **The tanks must be under proper temporary closure by September 10, 1996.**

Sincerely,



Pamela J. Evans
Senior Hazardous Materials Specialist



Jennifer Eberle
Hazardous Materials Specialist

cc: Acting Chief/file-je

je.922

STID 922
P 143 588 387

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail (See reverse)

Sent to	REED RIENHART
Street & Number	P.O. Box 725
Post Office, State, & ZIP Code	UKIAH, CA 94582
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$

Postmark or Date

PS Form 3800, April 1995

Rino Pacific
2401 North State Street
Ukiah, CA 95482

June 10, 1996

Ms. Pamela J. Evans
Alameda County Health Department
1131 Harbor Bay Parkway, 2nd Floor
Alameda, CA 94502

Re: Oakland Truck stop, 1107 5th Street

Dear Ms. Evans:

Per your request, please find the description and a time table for the completion of items we discussed for the above mentioned location at our meeting on Thursday June 6th, 1996.

Item I: The SIR reports for the UST's should be arriving in my office sometime this week. As soon as I receive the reports I will either fax or send via regular mail to your attention. I have enclosed a copy of our MIR reports for your immediate review.

Item II: I immediately contacted Confidence UST to find out why the leak detector tests were not included with tank tests. They sent me the enclosed fax stating that the leak detectors were tested and had passed.

Item III: Temporary closure; I have already contacted Bernabe and Brinker about removing all residuals from the tanks, placing dry ice in the tanks to get the LEL levels down, cap off all known piping and cutting off the power service.

Item IV: Remedial Work to date and future plans; enclosed please find a copy of the letter to Mr. Roel Merigillano. The letter shows the work plan to install the recovery wells. Bernabe and Brinker installed the wells in March of 1995. To date Brinker has removed 1815 gallons of free product and placed it into drums (See enclosed invoices). There is approximately 550 gallons of gasoline in the Baker tank on the property. The recovery wells are checked weekly and we are continuing to remove product as it flows into the wells.

We have contacted three environmental contracting firms to further investigate the vertical and lateral extent of the contamination at the site. The firm we are probably going to choose is W. A. Craig (see enclosure). W. A. Craig, once a contract is signed,

Rino Pacific
2401 North State Street
Ukiah, CA 95482

will start on the project within two weeks. We plan to sign the contract on or before June 26th. The work plan would then be developed and sent to your office for approval. Once we receive approval we will start immediately. The actual work and test results should only take a couple of weeks. Depending on your approval of the work plan, we should have results by the third week of July.

Item V: The contact person at the State UST clean up fund is Cheryl Gordon. Please contact her at (916) 227-4539. The application is in the name of Lillian and Tony Muir. I will be in contact with Ms. Gordon and alert her to your call. 916 227 4530

Ref: clear# 11451

I will be out of my office from June 13th - June 19th. If you need to reach me please call when I return. You can contact me at (707) 462-8811. Thank you again for your assistance on this matter.

Sincerely,

Reed Rinehart
Rino Pacific

Rino Pacific, Inc.
2401 North State Street
Ukiah, California 95482

May 10, 1996

Ms. Pamela J. Evans
Alameda County Health Department
1131 Harbor Bay Parkway, 2nd Floor
Alameda, CA 94502

Re: Oakland Truck stop, 1107 5th Street

Dear Ms. Evans:

Enclosed is the copy of the contract between Rino Pacific, Inc., the operator of the above mentioned site, and Lillian Earl and Tony Muir the owner of the site. Sorry I was unable to get the document to you earlier but, this document has been passed back and forth between our lawyers several times until everyone was satisfied with the language. I hope this meets your expectations.

I also wanted to update you on the UST's progress. We are in the process of excepting bids from three Geo-technical firms for full site characterization prior to any repairs or replacement of the UST's or their auxiliary equipment. Originally we planned to replace or repair the lines only. But, because of the complexity of obtaining repair permits and the requirements you outlined in your most recent letter, we need to first characterize the site and find a clean area to install new tanks and product lines. Simultaneously, we need to further clean up any contamination that may occurred from a line leak or may exist after 40 + years of operating as a truck stop.

I would like to make an appointment to meet with you at your office to further discuss the progress of this site. I will be calling some time this week to set up an appointment that meets your schedule. Please contact me immediately if there are any problems or questions. I have moved and can now be reached at (707) 462-8811.

Thank you for the continued patience on this matter.

Very truly yours,



R. Reed Rinehart



DEPARTMENT OF ENVIRONMENTAL HEALTH

1131 Harbor Bay Parkway

Alameda, CA 94502-6577

(510) 567-6777

April 25, 1996

Reed Rinehart
Rinehart Oil
P.O. Box 2051
Woodland CA 95695

**RE: Underground Storage Tank (UST) Permit Application for
J&O Truckstop/Rino Pacific
1107 5th St., Oakland CA 94607**

NOTICE OF LEGAL OBLIGATION

Dear Mr. Rinehart:

I have reviewed the recent tank and line tightness tests you submitted. In order to complete the permitting process, I need you to provide information or documents as listed below **by May 15, 1996**.

1. Owner/operator agreement: An agreement with wording like what follows will be needed before I can issue a permit:

"If the operator is not the owner, then the owner shall enter into a written contract with the operator requiring the operator to monitor the underground storage tank; maintain appropriate records; and implement reporting procedures as required by any applicable permit."

2. You have said that you have been unable to obtain good inventory data in order to implement statistical inventory reconciliation (SIR). As SIR does not seem to be a viable option, you need to install and begin operating an automatic tank gauge. Please provide in writing the make and model of equipment you plan to install and your timetable for installation.
3. You have said that you have two pipelines that are out of service due to leaks, and that it is your intention to replace these pipes. This type of work must be done with this Department's oversight, including both the installation of new pipes and the investigation of any possible contamination. Please submit plans for your new installation (form and guidelines attached) to my attention. I suggest that you submit the information about your automatic tank gauge installation along with your piping replacement plans.

Reed Rinehart
Rinehart Oil
April 25, 1996
Page 2 of 2

4. You will need to work with Jennifer Eberle regarding the investigation of contamination from the pipe leaks. If you have not already done so, please forward a copy of the latest investigation and clean-up report to Ms. Eberle.

Once the tank documents are complete I will need to inspect the tank system. Please let me know with whom I should coordinate this inspection. You may contact me at (510)567-6770 with any questions concerning this letter or the permit process.

Sincerely,

A handwritten signature in cursive script that reads "Pamela J. Evans". The signature is written in dark ink and is positioned to the right of the typed name.

Pamela J. Evans
Senior Hazardous Materials Specialist

c: Don Atkinson-Adams, ACDEH
Jennifer Eberle, ACDEH

X

**RINO PACIFIC
P.O. BOX 725
UKIAH, CALIF 95482**

February 5, 1996

Pamela J. Evans
Alameda County Health Care Services
1131 Harbor Bay Parkway
Alameda, California 94502-6577

Re: UST Permit/Rino Pacific Truck Stop
1107 5th Street, Oakland

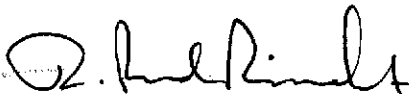
Dear Ms. Evans:

Enclosed is the information you requested in our phone conversation a couple of weeks ago. I hope that we are able to obtain our permit to operate as soon as you get this information. The following is a recap of the information:

1. The property owners UST clean up fund application is completed and being sent this week.
2. A copy of our lease agreement between our company and the property owner is enclosed. I have highlighted the section on regulatory compliance. I hope this satisfies your UST contract requirements.
3. I am close to obtaining enough bids to replace the product lines and install a monitoring device to continually monitor tanks. I will contact you regarding permits etc. when we decide on a contractor.
4. I have contacted the contractor that started clean up process at the site. They are continuing to recover contaminated product from the previously installed recovery wells. As soon as an updated report is available I will send you a copy.
5. Tank tests for the UST's are scheduled for March 12, 1996.
6. UST Board of Equalization number and most recent submittal.

If there are any questions or I have missed something please give me a call at (916) 662-2219. Thank you for your patience on this matter.

Very truly yours,

A handwritten signature in cursive script, appearing to read "R. Reed Rinehart". The signature is written in dark ink on a white background.

R. Reed Rinehart

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, Assistant Agency Director

DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Division
80 Swan Way, Rm. 200
Oakland, CA 94621
(510) 271-4320

February 23, 1995

Reed Rinehart
P.O. Box 2051
Woodland, CA 95695

RE: Underground tank unauthorized release(leak)/ contamination
report for Rino Pacific 1107 5th street, Oakland, CA
94607.

Dear Mr. Rinehart:

Enclosed please find original copies of the above report. I have
remove the original white copy and returning the other copies.
Please send other copies to other appropriate agencies as
indicated on the back of the report.

If you have any questions, please call me at (510) 567-6752.

Sincerely,

Roel Meregillano, REHS
Hazardous Materials Specialist

cc: Ariu Levi - N. Team Mgr.

1107 5th.UGT

**RINO PACIFIC
P.O. BOX 2051
WOODLAND, CA 95776-2051**

(916) 662-2219

*This is not
a valid wp.*

February 22, 1995

Mr. Roel Meregillano
Alameda County Environmental Health Department
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

Re: Release Report and Initial Abatement requirements
for fuel facility located at J & O Tire
1107 5th Street, Oakland, CA 94607

Dear Mr. Meregillano:

The following workplan is in response to an unauthorized release we experienced at the above mentioned location. As the operator of the underground storage tanks we submit this workplan as a good faith effort to keep us in compliance with Article 5 of the Underground Storage Tank Regulations.

I would appreciate your participation on this project and encourage close communication between ourselves so that we may resolve our problem as rapidly as possible.

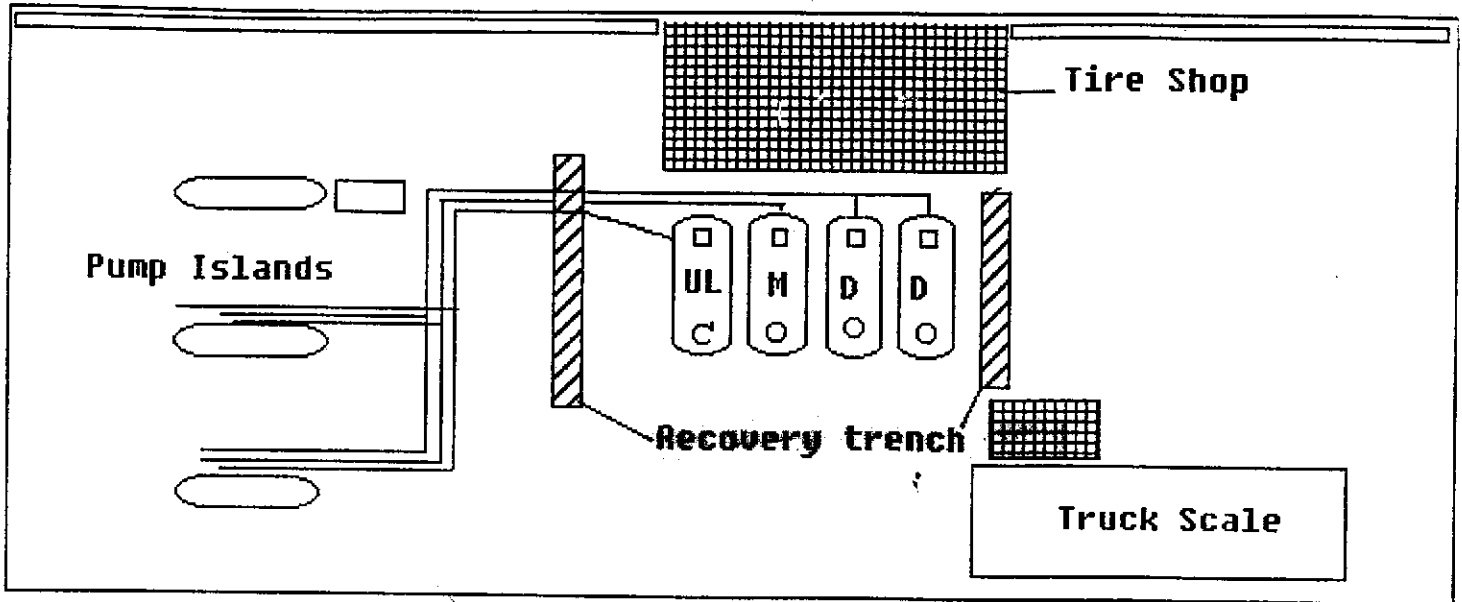
Thank you for your cooperation and patience on this matter.

Sincerely,

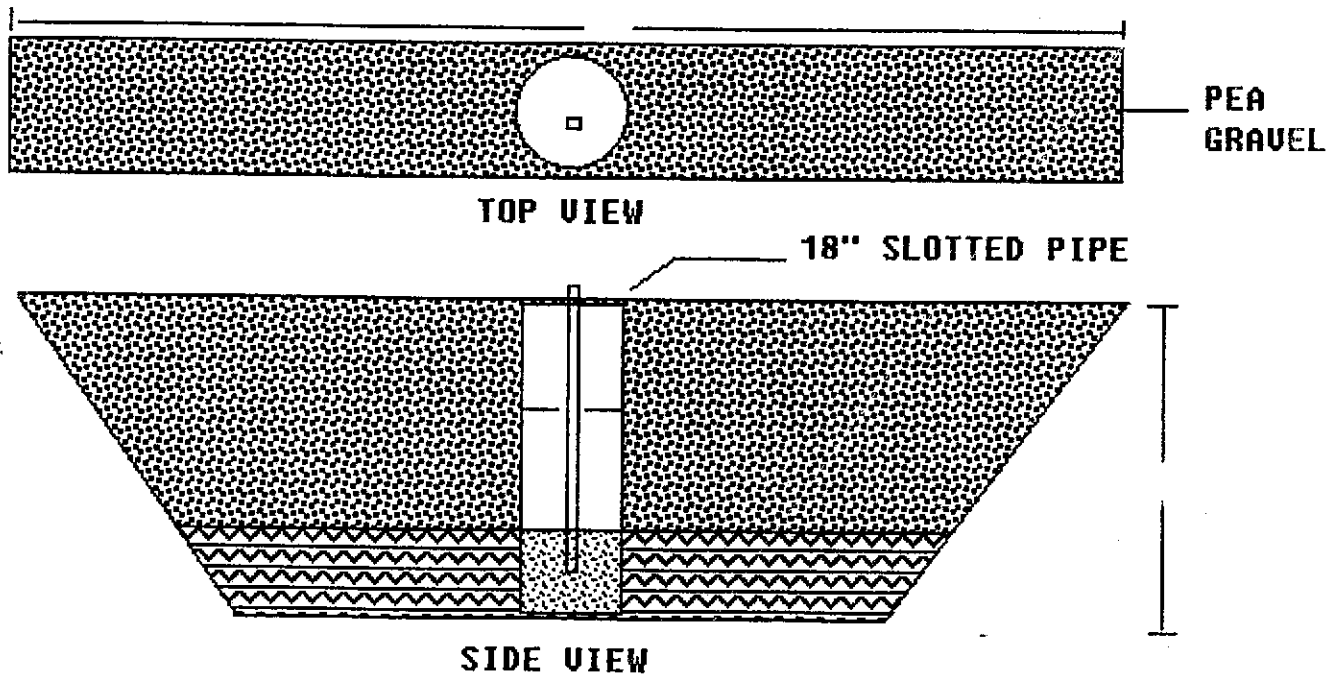


Reed Rinehart

SITE MAP J & O TRUCKSTOP



RECOVERY TRENCH CONSTRUCTION



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

EMERGENCY <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	FOR LOCAL AGENCY USE ONLY I HEREBY CERTIFY THAT I AM A DESIGNATED GOVERNMENT EMPLOYEE AND THAT I HAVE REPORTED THIS INFORMATION TO LOCAL OFFICIALS PURSUANT TO SECTION 25180.7 OF THE HEALTH AND SAFETY CODE.
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REPORT DATE 02/17/95	CASE #
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REPORTED BY	NAME OF INDIVIDUAL FILING REPORT R. Reed Rinehart	PHONE (916) 662-2219	SIGNATURE
	REPRESENTING <input type="checkbox"/> LOCAL AGENCY <input checked="" type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> OTHER	COMPANY OR AGENCY NAME	

ADDRESS: PO Box 2051 STREET: 454 N. East St. CITY: Woodland STATE: Ca ZIP: 95776

RESPONSIBLE PARTY	NAME Lillie E Earls <input type="checkbox"/> UNKNOWN	CONTACT PERSON Reed Rinehart	PHONE (916) 662-2219
	ADDRESS 4711 West St STREET CITY: Oakland STATE: Ca ZIP: 94608		

SITE LOCATION	FACILITY NAME (IF APPLICABLE) Oakland Truck Stop	OPERATOR	PHONE ()	
	ADDRESS 1107 5th STREET Oakland Ca. CITY: Alameda COUNTY: ZIP:			
	CROSS STREET 5th & Adeline			

IMPLEMENTING AGENCIES	LOCAL AGENCY AGENCY NAME (01) Environ. Health	CONTACT PERSON Unknown	PHONE (916) 567-6700 (510) 271-4320
	REGIONAL BOARD (2) Alameda & Marin		CONTACT PERSON Lester Feldman

SUBSTANCES INVOLVED	(1) NAME Gasoline Unleaded	QUANTITY LOST (GALLONS) 40+ <input checked="" type="checkbox"/> UNKNOWN
	(2) <input type="checkbox"/> UNKNOWN	

DISCOVERY/ABATEMENT	DATE DISCOVERED 02/16/95	HOW DISCOVERED <input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITIONS <input type="checkbox"/> TANK TEST <input type="checkbox"/> TANK REMOVAL <input checked="" type="checkbox"/> OTHER Visual discovery @ Pump
	DATE DISCHARGE BEGAN M M D D Y Y <input checked="" type="checkbox"/> UNKNOWN	
	HAS DISCHARGE BEEN STOPPED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE 02/16/95	

SOURCE/CAUSE	SOURCE OF DISCHARGE <input type="checkbox"/> TANK LEAK <input type="checkbox"/> UNKNOWN <input checked="" type="checkbox"/> PIPING LEAK <input type="checkbox"/> OTHER	CAUSE(S) <input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FAILURE <input type="checkbox"/> SPILL <input type="checkbox"/> CORROSION <input type="checkbox"/> UNKNOWN <input type="checkbox"/> OTHER
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CASE TYPE: CHECK ONE ONLY
 UNDETERMINED SOIL ONLY GROUNDWATER DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)

CURRENT STATUS: CHECK ONE ONLY

<input type="checkbox"/> NO ACTION TAKEN	<input type="checkbox"/> PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED	<input type="checkbox"/> POLLUTION CHARACTERIZATION
<input checked="" type="checkbox"/> LEAK BEING CONFIRMED	<input type="checkbox"/> PRELIMINARY SITE ASSESSMENT UNDERWAY	<input type="checkbox"/> POST CLEANUP MONITORING IN PROGRESS
<input type="checkbox"/> REMEDIATION PLAN	<input type="checkbox"/> CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY)	<input checked="" type="checkbox"/> CLEANUP UNDERWAY

REMEDIAL ACTION: CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS)

<input type="checkbox"/> CAP SITE (CD)	<input type="checkbox"/> EXCAVATE & DISPOSE (ED)	<input type="checkbox"/> REMOVE FREE PRODUCT (FP)	<input type="checkbox"/> ENHANCED BIO DEGRADATION (IT)
<input type="checkbox"/> CONTAINMENT BARRIER (CB)	<input type="checkbox"/> EXCAVATE & TREAT (ET)	<input type="checkbox"/> PUMP & TREAT GROUNDWATER (GT)	<input type="checkbox"/> REPLACE SUPPLY (RS)
<input type="checkbox"/> VACUUM EXTRACT (VE)	<input type="checkbox"/> NO ACTION REQUIRED (NA)	<input type="checkbox"/> TREATMENT AT HOOKUP (HU)	<input type="checkbox"/> VENT SOIL (VS)
<input type="checkbox"/> OTHER (OT) Remedial Action being determined			

COMMENTS: Delivery Driver discovered gasoline odor while delivering fuel

INSTRUCTIONS

EMERGENCY

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

LOCAL AGENCY ONLY

To avoid duplicate notification pursuant to Health and Safety code Section 25180.7, a designated government employee should sign and date the form in this block. A signature here does not mean that the leak has been determined to pose a significant threat to human health or safety, only that notification procedures have been followed if required.

REPORTED BY

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

RESPONSIBLE PARTY

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

SITE LOCATION

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

IMPLEMENTING AGENCIES

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

SUBSTANCES INVOLVED

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

DISCOVERY/ABATEMENT

Provide information regarding the discovery and abatement of the leak.

SOURCE/CAUSE

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

CASE TYPE

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

CURRENT STATUS

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

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

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

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

Preliminary Site Assessment Underway - implementation of workplan.

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

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

Cleanup Underway - implementation of remediation plan.

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

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

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

REMEDIAL ACTION

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

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

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

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

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

Remove Free Product - remove floating product from water table.

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

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

Replace Supply - provide alternative water supply to affected parties.

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

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

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

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

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

SIGNATURE - Sign the form in the space provided.

DISTRIBUTION

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

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

Underground Storage Tank Cleanup Fund

Claim Review Checklist

Claim No: 13192	Claimant Name: Rino Pacific
	Site Address: 1107 5th St, Oakland

Compliance Documentation

Date	Corrective Action Performed
2/10/95	Release discovered - free product discovered during product delivery.
2/17/95	URF submitted reporting a piping leak. Site was not routed properly within the County.
6/10/96	Site was not placed in CRP til 7/18/96. HR to County from about: supposedly Panabe and Banker installed recovery wells in March of '95. Approx 1815 gallons of free product has been removed and placed in a Baker tank on site.
8/19/96	County issued a NOV: The process by which the claimant has been recovering contaminated product was not approved by the County. The County never rec'd any environmental reports documenting the temporary closure or the investigation and/or remediation of the site as requested. Requested a workplan for a SWI by 9/2/96.
9/19/96	County rec'd W.A. Craig's workplan for a Soil + GW investigation. Proposed 7 exploratory soil borings and three gw mon. wells.
9/20/96	County approved the workplan with the condition that one additional mon. well be installed due to the consistent southerly gw gradient at another site located one block south of site. Also requested disposal documentation for the gw and for free product which was already pumped into the existing Baker tank.
10/10/96	County onsite for well installation EB-4 (mon2)
1/23/97	County rec'd W.A. Craig's subsurface investigation reports.
3/3/97	County HR to Panabe & Brinker. County has copies of

Claimant had to pump water (or gas) into a Baker tank. Apparently Rino was doing some of their own remediation

Continued on Reverse

Confirmation of Corrective Action Compliance

- Claimant in Corrective Action Compliance
- Claimant NOT in Corrective Action Compliance - 90 Day Letter Required

Caseworker
L. Sedo

- Fund will send letter
- Lead Agency will send letter (Send copy to Fund w/in two weeks)

[Signature] 9-10-99
 Lead Agency Signature Date

Claims Reviewer Signature Date

Date of Detailed Review