

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



SENT  
9-8-06

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

August 30, 2006

Ms. Sue Pinera Hertz Corporation 225 Brae Blvd. Park Ridge, NJ 07656-0713	Mr. Dale Klettke Port of Oakland 530 Water St. Oakland, CA 94604-2064
--	--

Dear Ms. Pinera and Mr. Klettke:

Subject: Fuel Leak Site Case Closure, MOIA, Hertz Rent-A-Car, 1 Airport Drive, Oakland, CA 94621; Case No. RO0000157.

This letter confirms the completion of a site investigation and remedial action for the five (5) underground storage tanks, (1- 10,000 gallon, 1- 12,000 gallon, 1- 5000 gallon and 2- 500 gallon), formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tanks are greatly appreciated.

Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground storage tank(s) site is in compliance with the requirements of subdivisions (a) and (b) of Section 25299.37 of the Health and Safety Code and with corrective action regulations adopted pursuant to Section 25299.77 of the Health and Safety Code and that no further action related to the petroleum release at the site is required.

This notice is issued pursuant to subdivision (h) of Section 25299.37 of the Health and Safety Code.

Please contact our office if you have any questions regarding this matter.

Sincerely,

*William W. Pitcher*  
William Pitcher  
Acting Director  
Alameda County Environmental Health

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



SENT  
9-8-06

ENVIRONMENTAL HEALTH SERVICES  
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1131 Harbor Bay Parkway, Suite 250  
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(510) 567-6700  
FAX (510) 337-9335

August 30, 2006

Ms. Sue Pinera  
Hertz Corporation  
225 Brae Blvd.  
Park Ridge, NJ 07656-0713

Mr. Dale Klettke  
Port of Oakland  
530 Water St.  
Oakland, CA 94604-2064

Dear Ms. Pinera and Mr. Klettke:

Subject: Fuel Leak Site Case Closure, MOIA, Hertz Rent-A-Car, 1 Airport Drive, Oakland, CA 94621; Case No. RO0000157.

This letter transmits the enclosed underground storage tank (UST) case closure letter in accordance with Chapter 6.75 (Article 4, Section 25299.37[h]). The State Water Resources Control Board adopted this letter on February 20, 1997. As of March 1, 1997, the Alameda County Environmental Health (ACEH) is required to use this case closure letter for all UST leak sites. We are also transmitting to you the enclosed case closure summary. These documents confirm the completion of the investigation and cleanup of the reported release at the subject site. The subject fuel leak case is closed.

**SITE INVESTIGATION AND CLEANUP SUMMARY**

Please be advised that the following conditions exist at the site:

- Up to 29 parts per million (ppm) total petroleum hydrocarbons as gasoline (TPHg), 0.077, 0.13, 1.08 ppm, toluene, ethyl benzene and xylenes, respectively and 19.9, 2.5, 23.5 ppm chromium, lead and zinc, respectively, remain in soil at this site.
- Up to 110 parts per billion (ppb) TPHg and 140 ppb methyl tertiary butyl ether (MTBE) remain in groundwater at this site.

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

Sincerely,

Donna L. Drogos, P.E.  
LOP and Toxics Program Manager

Enclosures:

1. Remedial Action Completion Certificate
2. Case Closure Summary

cc:

Mr. Leroy Griffin (w/enc)  
Oakland Fire Department  
250 Frank Ogawa Plaza, Suite 3341  
Oakland, CA 94612

Mr. Toru Okamoto (w/enc)  
State Water Resources Control Board  
UST Cleanup Fund  
P.O. Box 944212  
Sacramento, CA 94244-2120

(B. Chan) (w/orig enc), D. Drogos (w/enc), R. Garcia (w/enc)

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



07-1502  
ENVIRONMENTAL HEALTH SERVICES

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

July 11, 2002

Mr. Fred Weaver  
Hertz Corporation  
3838 Sheffield Circle  
Danville, CA 94506

Dear Mr. Weaver:

Subject: Fuel Leak Site RO0000157, 1 Airport Drive, Oakland CA 94621

Alameda County Environmental Health, Local Oversight Program, has been informed of results from the recent underground tank removals at the referenced site. Based upon this information our office has the following technical comments and requests, which will facilitate site closure.

Technical Comments

- The treatment of the former pump island area with Fenton's reagent has apparently been successful in oxidizing residual TPH contamination in groundwater. The treatment also affected the residual absorbed contamination in soils beneath the groundwater.
- The groundwater sample from the former gasoline tank pit reported elevated MTBE concentrations. Our office, therefore, approved of the similar Fenton's reagent treatment of this groundwater.

Technical Report Request

- Please provide a copy of the underground tank removal and groundwater treatment reports to our office within 30 days after completing your groundwater treatment
- Please schedule a groundwater sampling event of all wells within 30 days after the completion of groundwater treatment. All wells are necessary since some wells were removed from sampling prior to discovering the recent MTBE release.

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. J. Love, ATC Associates Inc., 6602 Owens Dr., Suite 100, Pleasanton, CA 94588  
Mr. D. Klettke, Port of Oakland, P.O. Box 2064, Oakland, CA 94604-2064  
Mr. K. Matthews, Oakland Fire Dept., 1605 MLK Jr Way, Oakland, CA 94612

Reprq1AirportDr

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



04-08-02

April 5, 2002  
RO0000157

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

Mr. Fred Weaver  
Hertz Corporation  
3838 Sheffield Circle  
Danville, CA 94506

**Re: Groundwater Monitoring and Groundwater Treatment Work Plan for Hertz  
Service Center, 1 Airport Drive, Oakland CA 94621**

Dear Mr. Weaver:

Our office has received and reviewed the following documents:

- March 7, 2002 ATC Workplan for Underground Storage Tank Removal and
- January 26, 2002 MFG, Inc. Quarterly Groundwater Monitoring Report Fourth Quarter 2001.

We have the following technical comments:

1. Please provide a cover sheet on all work plans signed by a representative from the responsible party authorizing the proposed work.
2. Your work plan to treat impacted groundwater exposed after soil over-excavation will require the approval or variance from the San Francisco Water Board and the City of Oakland Fire Services agencies. Please provide our office with written approvals, as our office does not have any objections to this proposal in theory.
3. Please locate and monitor the down-gradient wells, MW7 through MW9, and incorporate these with wells MW1, MW4, and MW5. This is requested because of the increasing MTBE concentration being detected in MW6.

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. J. Love, ATC Associates, 6602 Owens Dr., Suite 100, Pleasanton, CA 94588  
Mr. M. Tietze, MFG, Inc., 180 Howard St., Suite 200, S. F. CA 94105-1617  
Mr. H. Gomez, OFD, 1605 MLK Jr. Way, Oakland CA 94612  
Mr. D. Klettke, Port of Oakland, P.O. Box 2064, Oakland CA 94604-2064

Rep1 Airport Dr

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



B-13-02  
ENVIRONMENTAL HEALTH SERVICES  
ENVIRONMENTAL PROTECTION  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577  
(510) 567-6700  
FAX (510) 337-9335

March 12, 2002  
RO0000157

Mr. Fred Weaver  
Hertz Corporation  
3838 Sheffield Circle  
Danville, CA 94506

**Re: Work Plan for Underground Storage Tank Removal, Hertz Service Center,  
1 Airport Drive, Oakland CA 94621**

Dear Mr. Weaver:

Our office has received and reviewed the March 7, 2002 referenced work plan for the proposed underground storage tank removals at the above referenced site. The City of Oakland Fire Services will oversee the removal of the underground tanks and delivery system. Our office is currently overseeing the gasoline fuel release at this site, therefore we are interested in the proposed over-excavation the fuel dispenser island and the proposed treatment of groundwater. Previous monitoring results indicates a fuel release from the dispenser island has occurred, therefore the proposed over-excavation may be warranted. The actual extent of excavation should be based upon the residual soil concentrations, therefore some type of screening instrument should be used to determine the degree of contamination. Given the proposed excavation area, a minimum of one sidewall soil sample should be collected just above groundwater as a confirmation sample. These samples should be analyzed for the gasoline parameters, TPHg, BTEX and MTBE.

In regards to the proposal to treat the groundwater anticipated to fill the excavation pit, our office does not concur with the proposal. The addition of the proposed chemicals, sulfuric acid, iron sulfate and hydrogen peroxide will require a permit or waiver from the SFRWQCB and may not prove any more affective than physically removing as much groundwater as possible. If necessary, an oxygen-releasing compound could be added to the bottom of the excavation to promote aerobic bio-remediation. Since you have proposed to re-sample the water, this sample's result (after pit purging) would indicate whether the addition of such a compound would be appropriate. It is anticipated that the proposed remediation would allow for an immediate site closure, assuming no other release is found during the tank removals. Please notify me prior to your over-excavation field work.

Mr. Fred Weaver

RO0000157

1 Airport Drive, Oakland 94621

March 12, 2002

Page 2

**Please provide your written response to this letter within 30 days or no later than April 15, 2002. In addition, you are requested to submit a cover sheet on all work proposals submitted on your behalf by consultants authorizing the submittal.**

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. John Love, ATC Associates Inc., 6602 Owens Dr., Suite 100, Pleasanton,  
CA 94588

Mr. Keith Mathews, OFD, 1605 MLK Jr. Way, Oakland, CA 94612

Mr. D. Klettke, Port of Oakland, P.O. Box 2064, Oakland, CA 94604-2064

02-1AirportDrive

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



12-6-00

December 5, 2000

20157

StID # 2260

ENVIRONMENTAL HEALTH SERVICES

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

Mr. Roland Costanzo  
The Hertz Co.  
225 Brae Blvd.  
Park Ridge, NJ 07656-0713

**Re: Subsurface Investigation for Hertz Facility, 1 Airport Dr., Oakland CA 94621**

Dear Mr. Costanzo:

Our office has received and reviewed the November 30, 2000 letter work plan for the investigation along the utility trench down-gradient of the above referenced site as prepared by your consultant, MFG, Inc. (MFG). Our office requested this work plan to determine potential health risk to occupants of a nearby building and to explain the apparent disconnect of on and off-site petroleum hydrocarbon concentrations.

As outlined in the work plan, the following activities are proposed:

- Advance and sample trench backfill above the concrete cap of the utility at four locations
- Collect and analyze soil and groundwater (where found) samples for gasoline constituents and provide a report of findings. The samples will be analyzed for TPH as gasoline, BTEX and fuel oxygenates by EPA Method 8260B. Please also include your recommendation for the previously proposed ORC injections in your report of findings.

Several exceptions and conditions are stated by your consultant, which may limit the number of soil and groundwater samples collected for analysis. Because of the need to examine receptor risk and the need to determine the extent of contamination, **all borings should be sampled and analyzed for contaminants in both soil and groundwater. An exception for soil collection is if flowing sand is encountered.** In addition, please move the location of the easternmost boring to a location along the path, which connects MW-4 and MW-6.

Please continue the previously proposed monitoring at this site ie wells 1,5,7 and 9 annually and wells 4 & 6 quarterly. It appears that monitoring has not occurred this year according to this schedule.

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. C. White, MFG, Inc., 71 Stevenson St., Suite 1450, San Francisco CA 94105-2941  
Mr. D. Klettke, Port of Oakland, P.O. Box 2064, Oakland CA 94607-2064

respndtlwpHertz



ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



10710-2000

RO#157

October 5, 2000  
StID # 2260

Mr. Roland Costanzo  
The Hertz Co.  
225 Brae Blvd.  
Park Ridge, NJ 07656-0713

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

**Re: Work Plan for Hertz Facility, 1 Airport Dr., Oakland CA 94621**

Dear Mr. Costanzo:

Our office has received and reviewed the September 20, 2000 work plan for ORC Injection at the above referenced site as prepared by MFG, Inc., your consultant. I have also discussed my concerns with Mr. Ross Steenson of MFG. Although I concur with the remediation approach for the TPHg, BTEX and MTBE release, I still have concerns regarding the underground power lines located just beyond the southern property boundary. I have been informed by Mr. Dale Klette of the Port of Oakland, these utilities are typically located 4-6' bgs. As such, the trench may have the potential to act as a preferential pathway for contaminant migration. The trench proceeds toward the Airport in one direction and towards a building in the other.

In order to see if a portion of the plume has been directed preferentially by the utility lines, you are requested to determine if this is occurring. If so, you should take soil and groundwater samples and determine the human health risk posed by the contaminants from the viable exposure pathways. In addition, you will need to modify the aforementioned work plan to include treatment of the other affected areas. **Please provide a work plan to make this determination to our office within 30 days or no later than November 6, 2000.**

Please 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. Ross Steenson, MFG, Inc., 71 Stevenson St., Suite 1450, San Francisco, CA 94105-2941  
Mr. D. Klettke, Port of Oakland, P.O. Box 2064, Oakland CA 94607-2064

Utilwp-Hertz

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



FEB 09 2000

CC's

20157

February 9, 2000  
StID # 2260

Mr. Roland Costanzo  
The Hertz Co.  
225 Brae Blvd.  
Park Ridge, NJ 07656-0713

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

**Re: Hertz Service Center, 1 Airport Drive, Oakland CA 94621**

Dear Mr. Costanzo:

Our office has received and reviewed the January 11, 2000 Fourth Quarter 1999 monitoring report for the above site. One observation of concern was the appearance of MTBE in MW-6 in an appreciable amount for the first time since it has been tested in groundwater (11/96). In addition, the Total Petroleum Hydrocarbons as gas (TPHg) and BTEX are at significantly higher concentrations than ever before. It appears that the petroleum plume is migrating from the assumed source, the fuel dispenser island. This is occurring even though the dissolved oxygen in MW-6 has been increased through the presence of oxygen-releasing compound (ORC) socks in MW-4.

You may recall, the prior approved work plan for the injection of ORC borings near the former dispenser island was put on hold because the Port of Oakland had a redevelopment plan which would relocate this site. I have been informed by the Port of Oakland, this plan has been put on hold for the foreseeable future. Therefore, our office requests that you reconsider the previously approved work plan for enhanced bio-remediation or something equivalent.

**Please respond to this letter in writing within 30 days or no later than March 13, 2000.**

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. Andrew Galleni, Clearwater Group, Inc., 520 Third St., Suite 104, Oakland CA 94607  
Mr. D. Klettke, Port of Oakland, P.O. Box 2064, Oakland CA 94607-2064

wpreq-Hertz

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



RO#157

January 25, 1999  
StID #2260

Mr. Roland Costanzo  
The Hertz Co.  
225 Brae Blvd.  
Park Ridge, NJ 07656-0713

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

**Re: Hertz Service Center, 1 Airport Drive, Oakland CA 94621**

Dear Mr. Costanzo:

As you are aware, the status of the above referenced site has remained fairly constant over quite a number of years. However, a localized release of gasoline and BTEX (benzene, toluene, ethyl benzene and xylenes) exists the fuel dispenser island. This contamination has been detected in monitoring well MW-4 since 1992 and continues to be found even in the recent December 1998 event. An earlier (July 1, 1998) letter from Clearwater Group stated that the most cost effective approach to remediate this localized release would be to excavate the contaminated soil. Further, since the Airport Authority had future plans to relocate the car rental facility, during the relocation would be the most opportune time to do the soil excavation. Therefore, semi-annual monitoring of monitoring wells MW-4 and MW-6 and annual monitoring of all wells was proposed.

Because there has been no indication as to when the underground tanks will be removed and the soils in the dispenser island excavated, it appears that Clearwater Group's remedial approach is not the most reasonable one. In fact, if dissolved oxygen had been introduced earlier as proposed, the site may be close to closure. The prior results from the analysis of natural attenuation parameters indicated a general lack of oxygen and a reductive groundwater condition near the dispenser area. At this time, our office believes the best remedial approach for this site is enhanced bio-remediation through the addition of dissolved oxygen. At a minimum, you should have monitoring well MW-4 fitted with a sock of oxygen releasing compound. At each semi-annual monitoring event you should measure the dissolved oxygen content and determine whether the sock should be replaced with a fresh one. We believe that this approach will be effective in remediating the dissolved petroleum and may eliminate the need to perform future soil excavation. Please comment on this suggestion **within 30 days of this letter or by February 26, 1999**. 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. B. Gwinn, Clearwater Group, 520 Third St., Suite 104, Oakland CA 94607  
Mr. D. Klettke, Port of Oakland- Environmental, P.O. Box 2064, Oakland, CA 94607-2064

ORC-Hertz

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



RO#157

July 13, 1998  
StID # 2260

The Hertz Corporation  
Mr. Roland Costanzo  
225 Brae Blvd.  
Park Ridge NJ 07656-0713

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

**Re: Installation of Oxygen Releasing Compound at the Hertz Service Center, #1Airport Dr.,  
Oakland CA 94621 (Metropolitan Oakland International Airport)**

Dear Mr. Costanzo:

This letter serves to once again request that Hertz perform the approved work plan to install up to thirteen borings at the above site for the introduction of oxygen releasing compound. As you may recall, the County approved the June 1997 work plan for this work in my June 30, 1997 letter over one year ago. It is believed that such introduction of ORC will encourage natural bioremediation and reduce the elevated total petroleum hydrocarbons as gasoline (TPHg) and benzene, toluene, ethylbenzene and xylenes (BTEX) concentrations in monitoring well MW-4. Clearwater Group notes in their First Quarter 1998 report, dissolved oxygen and the oxidation-reduction potential most reducing (negative) in MW-4.

I have included a copy of my March 12, 1998 letter which requested a schedule for this work and a reply by April 3, 1998. Please provide a schedule for this work within 15 days or by July 28, 1998.

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

Sincerely,

Barney M. Chan  
Hazardous Materials Specialist

Enclosure (Mr. Costanzo)

C: B.Chan, files

Mr. D. Guenther, Clearwater Group, 520 Third St., Suite 104, Oakland CA 94607  
Mr. D. Klettke, Port of Oakland, 530 Water St., Oakland CA 94607

HertzORC

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



RO# 157

March 12, 1998  
StID # 2260

The Hertz Corporation  
Ms. Patricia Woods  
2225 Brae Blvd.  
Park Ridge, NJ 07656-0713

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

**RE: Subsurface Investigation and Remediation at Hertz Service Center, #1 Airport Dr., Oakland CA 94621**

Dear Ms. Woods:

Please provide the status of the implementation of the approved June 13, 1997 work plan for the installation of up to 13 borings for the introduction of oxygen releasing compounds (ORC) at the above referenced site. Recall, you were also requested to analyze for additional bioremediation parameters prior and after the introduction of the ORC compounds.

In addition, although our office agreed to suspending groundwater monitoring in wells MW-1 through MW-3, wells MW-6 and MW-4 were to be monitored quarterly and wells MW-5 and MW-7 through MW-9, annually during the first quarter of the year. Please provide copies of all monitoring reports since the first quarter 1997, March 6, 1997 Clearwater report. If monitoring or ORC application has not yet been done, please provide a schedule for this work.

Please provide the requested reports and/or comments to this letter within 15 working days or by April 3, 1998.

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

Sincerely,

Barney M. Chan  
Hazardous Materials Specialist

c: B. Chan, files  
Ms. J. Hudson, Clearwater Group, 520 Third St., Suite 104,  
Oakland, CA 94607  
Mr. D. Klettke, Port of Oakland, 530 Water St., Oakland 94607  
repHertz

ALAMEDA COUNTY  
HEALTH CARE SERVICES



AGENCY  
DAVID J. KEARS, Agency Director

RO#157

June 30, 1997  
StID # 2260

The Hertz Corporation  
Ms. Patricia Woods  
225 Brae Boulevard  
Park Ridge, NJ 07656-0713

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

**Re: Work Plan for Remediation Services at Hertz Service Center,  
#1 Airport Dr., Oakland CA 94621**

Dear Ms. Woods:

Our office has received and reviewed the June 13, 1997 Workplan from Clearwater Group Inc. for the application of Oxygen Release Compound (ORC) to the above referenced site via advancement of up to thirteen (13) borings. Ten borings would be installed upgradient of the source area and three downgradient. These borings would be grouted with the ORC slurry for the dosing of this area with oxygen.

I have spoke with Ms. Jeanna Hudson of Clearwater and she informed me that the grid locations and amount of ORC proposed was determined by Regenesis. This work plan is approved with the following conditions:

\* please include the analysis of the following intrinsic bioremediation parameters in all future monitoring events: dissolved oxygen, oxidation-reduction potential, nitrates, sulfates and ferrous iron.

\* prior to introducing the ORC, please monitor all wells for the above parameters to establish background values

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

Sincerely,

Barney M. Chan  
Hazardous Materials Specialist

c: Mr. J. Rubin, Port of Oakland, Environmental Dept., 530  
Water St., Oakland, CA 94607

Ms. J. Hudson, Clearwater Group, 520 Third St., Suite 104,  
Oakland CA 94607

B. Chan, files

ORCHertz

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



RO# 157

March 28, 1997  
StID # 2260

The Hertz Corporation  
Ms. Patricia Woods  
225 Brae Boulevard  
Park Ridge, NJ 07656-0713

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

**Re: Hertz Service Center, #1 Airport Dr., Oakland CA 94621**

Dear Ms. Woods:

Our office has received and reviewed the March 10, 1997 first quarterly monitoring report for the above site as prepared by Clearwater Group. Our office approves your request to eliminate TPHd from future analysis on the monitoring wells at this site. We further agree, that although there has been no documented release of diesel from the FAA and Port of Oakland diesel tanks next to this site, the diesel which has been detected in the monitoring wells at this site is not likely from the Hertz site.

As you are aware, active remediation of the groundwater near MW-4 would facilitate the closure of this site. This has been discussed with your consultant previously.

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

Sincerely,

Barney M. Chan  
Hazardous Materials Specialist

c: Mr. J. Rubin, Port of Oakland, Environmental Dept., 530  
Water St., Oakland, CA 94607

B. Chan, files

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ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY



DAVID J. KEARS, Agency Director

20157

ENVIRONMENTAL HEALTH SERVICES  
ENVIRONMENTAL PROTECTION

1131 Harbor Bay Parkway  
Alameda, CA 94502-6577  
(510) 567-6700

July 11, 1996  
STID # 2260

The Hertz Corporation  
Ms. Patricia Woods  
225 Brae Boulevard  
Park Ridge, NJ 07656-0713

**Re: Request for Technical Reports and Documents for the  
Underground Tank Fuel Release at Hertz Service Center, #1  
Airport Drive, Oakland CA 94621**

Dear Ms. Woods:

As you are aware, my January 16, 1996 letter approved the Risk-Based evaluation prepared by Dames and Moore. Verification monitoring was determined to be the appropriate remedial approach for this site. The specific monitoring requirements outlined in this letter were: the suspension of monitoring in wells MW-1 through MW-3, continued quarterly monitoring of wells MW-4 and MW-6 (correction of initial letter was made in my March 4, 1996 letter) and monitoring MW-5, MW-9, MW-8 and MW-7 on an annual basis during the first quarter of the year. All wells should be monitored for TPHg,d, BTEX and MTBE. Note MTBE was added to satisfy the Water Board's recent request regarding this compound. Enclosed please find a copies of these letters for your reference.

In addition, I mentioned that if there was evidence of a diesel fuel release from the offsite diesel tanks, monitoring for this parameter may be suspended. In order to demonstrate that a source of diesel fuel doesn't currently exist at this site, please provide a copy of the gas chromatogram for diesel analyses performed on all well samples during the first quarter monitoring event. They are available upon request from the analytical laboratory. MW-4 has consistently detected both elevated TPHg and TPHd levels. Our office would like to determine if these results are related or coincidental.

To date, our office has not received any monitoring reports for 1996. Please provide the quarterly monitoring reports for the wells in accordance to my January 16, 1996 letter **within 30 days or by August 12, 1996.**

Please note that failure to provide the requested technical reports may subject Hertz Corporation to civil liability. In addition, this will delay or prevent the recommendation of site closure.



Ms. Patricia Woods  
Hertz Service Center, #1 Airport Dr.  
StID # 2260  
July 11, 1996  
Page 2.

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

Sincerely,



Barney M. Chan  
Hazardous Materials Specialist

enclosures (Ms. Woods)

c: Mr. C. Valcheff, Environmental Science & Engineering, Inc.,  
4090 Nelson Ave., Suite J, Concord CA 94520  
Mr. J. Rubin, Port of Oakland, Environmental Dept., 530  
Water St., Oakland, CA 94607  
G. Coleman, files

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ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



R0#157

RAFAT A. SHAHID, DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH  
1131 Harbor Bay Parkway  
Alameda, CA 94502-6577  
(510)567-6700

March 4, 1996  
StID # 2260

The Hertz Corporation  
Ms. Patricia Woods  
225 Brae Boulevard  
Park Ridge, NJ 07656-0713

**Re: Correction of January 16, 1996 Letter Regarding Groundwater  
Monitoring of Petroleum Hydrocarbons at Hertz Service Center,  
#1 Airport Drive, Oakland CA 94621**

Dear Ms. Woods:

It has come to my attention that my prior January 16, 1996 letter contained an error in line #2. Instead of monitoring wells MW-3 and MW-4, the line should read monitor wells MW-4 and MW-6 on a quarterly basis. I apologize for any inconvenience this may have caused.

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

Sincerely,

Barney M. Chan  
Hazardous Materials Specialist

c: D. Schoenholz, Port of Oakland, Environmental Dept., 530  
Water St., Oakland, CA 94607

G. Coleman, files

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ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RO#157

RAFAT A. SHAHID, Assistant Agency Director

January 16, 1996  
StID # 2260

Alameda County CC4580  
Environmental Health Services  
1131 Harbor Bay Pkwy., #250  
Alameda CA 94502-6577  
(510)567-6700 FAX (510)337-9335

The Hertz Corporation  
Ms. Patricia Woods  
225 Brae Boulevard  
Park Ridge, NJ 07656-0713

**Re: Evaluation of Dames & Moore, Revised Risk-Based Evaluation  
of Petroleum Hydrocarbons at Hertz Service Center, #1  
Airport Drive, Oakland CA 94621**

Dear Ms. Woods:

As you are aware, our office has met with consultants from Dames and Moore to discuss the merits of a Risk-Based evaluation for this site. As a result of this meeting, the above report was prepared and submitted to our office for review. I have received comment on this report from our staff toxicologist, Mr. Ravi Arulanantham, who concurs with the report, ie the site does not pose a threat to either human health or the environment. Therefore, no active remediation will be required, rather, the "containment zone" policy should be applied.

It is also appropriate to modify the existing groundwater monitoring program, which I believe has been temporarily suspended at this site. Based on the monitoring history of this site, our office recommends the following monitoring program:

1. Suspend sampling and monitoring on wells, MW-1, MW-2 and MW-3.
2. Continue quarterly groundwater monitoring on wells, MW-3 and MW-4. All wells should be measured for groundwater elevation so a reliable gradient map can be generated.
3. Monitoring wells MW-5, MW-9, MW-8 and MW-7 should be monitored annually during the first quarter of each year to verify the extent of the fuel plumes. Groundwater samples should be analyzed for TPHg,d and BTEX.
4. Our office acknowledges that diesel contamination may not be from this site and should there be evidence of a diesel fuel release from the offsite diesel tanks, your monitoring requirement for diesel will be suspended.

Ms. P. Woods  
Hertz Service Center  
StID # 2260  
January 16, 1996  
Page 2.

Alternatively, should you choose to perform active remediation in the area of the fuel dispenser, the likely source of gasoline, and quarterly monitoring reflects reduced fuel concentrations, the case can be reviewed for site closure after the concentration trend has been verified.

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

Sincerely,



Barney M. Chan  
Hazardous Materials Specialist

c: R. Arulanantham, RWQCB  
I. Jamall, Dames & Moore, 8801 Folsom Blvd., Suite 200,  
Sacramento, CA 95826  
D. Schoenholz, Port of Oakland, Environmental Dept., 530  
Water St., Oakland, CA 94607  
G. Coleman, files

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ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



R0157

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

May 23, 1994  
StID # 2260

DEPARTMENT OF ENVIRONMENTAL HEALTH  
State Water Resources Control Board  
Division of Clean Water Programs  
UST Local Oversight Program  
80 Swan Way, Rm 200  
Oakland, CA 94621  
(510) 271-4530

Ms. Patricia Woods  
The Hertz Corporation  
225 Brae Boulevard  
Park Ridge, NJ 07656-0713

**Re: Status of Subsurface Investigation at Hertz Rent A Car,  
No. 1 Airport Drive, Oakland International Airport**

Dear Ms. Woods:

This letter serves to follow-up our recent May 19, 1994 phone conversation where we discussed the investigation at the above referenced site. In this conversation, the Port of Oakland diesel tank on the west side of this site was implicated as the source of diesel contamination being found in down and cross-gradient wells on your site. In addition, the January 4, 1994 report from Environmental Science and Engineering (ESE) stated that a FAA diesel tank next to the Port tank may also be contributing to the diesel contamination.

I have since reviewed a number of previously submitted technical reports submitted by your consultant, ESE, in order to verify this claim. Although there is some evidence of off-site contamination, there isn't conclusive evidence to support this claim.

I have spoken with Ms. Patricia Murphy of the Port of Oakland to get information on their existing tank. She stated that this tank had recently passed its annual precision test in October 1993 and she had no reason to believe it had or was experiencing any release. She will be sending me a copy of this tank integrity test and also refer this site to their consultant for a professional opinion.

I have also spoken with Mr. Alex Gulyas of the FAA who also reported that their tank had passed its most recent tank integrity test in February or March of this year. He stated he is also willing to send me a copy of their tank test. He also informed me that this test is scheduled for removal within the next few months at which time more information will be available.

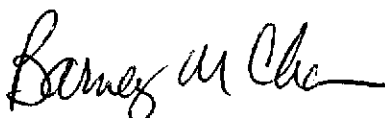
With this information in mind, it seems that Hertz should proceed in performing a feasibility study to determine which remedial alternative would be suited for this site including both the gasoline and diesel contamination. It does appear that there is a localized plume of gasoline, BTEX and diesel near monitoring well MW-4 and that the gasoline and BTEX contamination outweighs the threat of the diesel release.

Ms. Patricia Woods  
StID # 2260  
No. 1 Airport Drive  
May 23, 1994  
Page 2.

Please submit a feasibility study along with your next quarterly report or no later than **60 days from receipt of this letter**. Please contact me at least **48 working hours** prior to any field work so I may make arrangements to witness this activity if possible.

You may contact me at (510) 271-4530 if you have any questions.

Sincerely,



Barney M. Chan  
Hazardous Materials Specialist

cc: M. Quillin, Environmental Science & Engineering, Inc., 4090  
Nelson Ave., Suite J, Concord, CA 94520  
Ms. Patricia Murphy, Port of Oakland, 530 Water St., Oakland,  
CA, 94607  
Mr. Alex Gulyas, FAA, 21615 Hesperian Blvd., Suite A,  
Hayward, CA 94541

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ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



R0157

December 28, 1993

CERTIFIED MAILER #: P 422 218 202

Hertz Rent A Car  
1 Airport Dr.  
Oakland, 94621  
UGTID:2260

DEPARTMENT OF ENVIRONMENTAL HEALTH  
Hazardous Materials Division  
30 Swan Way, Rm. 200  
Oakland, CA 94621  
(510) 271-4320

**Re: FIVE-YEAR PERMITS FOR OPERATION OF UNDERGROUND STORAGE TANK(S)  
1 Airport Dr. Oakland, 94621**

Dear Owner/Operator:

According to our records your facility referenced above has not received a five-year permit to operate UST's. In order to obtain a permit you must complete the following items marked below and return them within 30 DAYS. The necessary forms are enclosed. You may complete a "Consolidated Underground Tank Management Plan" which will assist you in preparing a monitoring plan, site plot plan and spill response plan for your tank(s). If supplemental information or forms are required, please submit it to this office with the completed questionnaire and application forms:

- \_\_\_ 1. An accurate and complete plot plan.
- \_\_\_ 2. A written spill response plan. (enclosed)
- \_\_\_ 3. A written tank monitoring plan. (enclosed)
- \_\_\_ 4. Results of precision tank test(s), (initial and annual).
- \_\_\_ 5. Results of precision pipeline leak detector tests (initial and annual).
- \_\_\_ 6. Complete UST PERMIT FORM A-one per facility. (enclosed)
- \_\_\_ 7. Complete UST PERMIT FORM B-one per tank. (enclosed)
- \_\_\_ 8. Complete UST PERMIT FORM C-one per tank if information is available. (enclosed)
- \_\_\_ 9. Letter stating how the tank is to be maintained during one year closure.

Be advised that Title 23 of the California Code of Regulation prohibits the operation of "ANY" UST without a permit. If our records are in error, you must contact this office immediately TO AVOID POSSIBLE ENFORCEMENT ACTION. Please feel free to contact this office at (510) 271-4320; to answer any questions which may arise in completing the mandatory five-year permit process. Be prepared to provide your zip code to speak with the Hazmat Specialist handling your case.

Sincerely,

PAUL SMITH  
HazMat Specialist

c: Edgar Howell, Chief, Hazardous Materials Div. (files)

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0157

RAFAT A. SHAHID, Assistant Agency Director

January 30, 1992

DEPARTMENT OF ENVIRONMENTAL HEALTH  
Hazardous Materials Division  
80 Swan Way, Rm. 200  
Oakland, CA 94621  
(510) 271-4320

Ms. Jane Woodwell  
Project Manager  
Hertz Corporation  
225 Brae Boulevard  
Park Ridge, N J 07656-0713

Re: Ground Water Sampling at Hertz Rent A Car, #1 Airport Drive,  
Oakland CA, 94621

Dear Ms. Woodwell:

This letter is to confirm the conversation I had today with Mr. Paul Graff of Environmental Science and Engineering, Inc. regarding the sampling of the three wells at the above referenced site. In accordance with my March 21, 1991 letter, since the wells have been non-detectable for oil and grease, chlorinated solvents, soluble metals and semi-volatiles for two consecutive sampling periods, you may delete these parameters for future ground water monitoring.

In addition, Mr. Graff and I discussed the need to address item #3 of the March 21, 1991 letter, ie the need for an additional well which would be down gradient to soil boring B-2, the soil sample taken from the piping trench pit. Please be advised this issue must be addressed before any recommendation for site closure can be made. You are requested to reply to our division's concern regarding this matter within (30) thirty days of this letter.

You may contact me at (510) 271-4320 should you have any questions.

Sincerely,

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

Barney M. Chan  
Hazardous Materials Specialist

cc: G. Jensen, Alameda County District Attorney Office  
L. Feldman, RWQCB  
D. Scheonholtz, M. Heffes, Port of Oakland  
P. Graff, Environmental Science and Engineering, Inc.  
1Airport



ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0157

March 21, 1991

DEPARTMENT OF ENVIRONMENTAL HEALTH  
Hazardous Materials Program  
80 Swan Way, Rm. 200  
Oakland, CA 94621  
(415)

Ms. Jane Woodwell  
Project Manager  
Hertz Corporation  
225 Brae Boulevard,  
Park Ridge, N J 07656-0713

Re: Request to Close Monitoring Wells at Hertz Rent-A-Car  
#1 Airport Drive, Oakland CA 94621

Dear Ms. Woodwell:

First let me inform you that due to redistricting, Barney Chan has been given the above referenced site. All further communications regarding this site should be addressed to him. This letter recounts your conversation with Mr. Chan on March 20, 1991, requesting to close the monitoring wells at Hertz Rent-A-Car at #1 Airport Drive, Oakland, CA 94621. To summarize the background on this site, due to the initial concentrations found in soil samples following the underground tank removals in 1988, a groundwater investigation was requested. Three monitoring wells were installed and from the initial well water sampling you requested approval for their closure.

The County, following the guidelines of the Regional Water Quality Control Board (RWQCB), requires a minimum of one year of quarterly monitoring with all results indicating non-detectable amounts for the parameters analyzed. This letter serves to formally request the resumption of monitor well sampling on a quarterly basis. You should be running the water samples for TPH as gasoline and diesel, Oil and Grease, Methods 5520 C&F (Standard Methods for the Examination of Water and Wastewater), BTX&E, by Method 602 or 624, Chlorinated Hydrocarbons by Method 601 or 624, Soluble Metals for: Cadmium, Chromium, Lead, Zinc and Nickel, by AA or ICAP and the Semi-volatiles by Method 8270. Please be reminded to send copies of all reports and analytical data to our office and the RWQCB, to the attention of Mr. Lester Feldman. Their address is 2101 Webster St., 4th Floor, Oakland CA 94612.

Discussed also were the elements for site closure. These items included:

1. Consistent MW data which verified the groundwater gradient.
2. Proper sampling of wells for the appropriate parameters. It was stated that after two quarters of sampling the County would consider modifying the list of parameters to be tested providing initial results indicate non-detectable amounts.

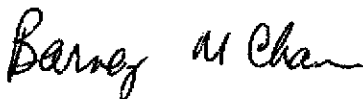
Ms. Jane Woodwell  
March 20, 1991  
Hertz Rent-A-Car  
Page 2.

3. Proper location of MWS. At least one monitoring well must be located ten feet downgradient to the former tank(s) location. The MWS should also be downgradient to other significant areas of confirmed contamination. To this end, it appears from Figure 4, that the existing MWS may be actually cross-gradient and not downgradient to the former tank locations. Also with the concentration of 1,300 ppm TPH as gasoline found in soil B-2, it would appear that none of the MWS are downgradient to this potential contaminant source and that another well would be prudent. Please reply to our agency's concern about this matter.

Lastly, the County's comments are based on the information provided to us attached to your coverletter dated January 28, 1991. Please provide us with all other reports, analytical data and correspondances concerning this site. This information could significantly alter the County's requirements prior to approving well and site closure.

Please contact me at (415) 271-4320 should you have any questions regarding this letter.

Sincerely,



Barney M. Chan  
Hazardous Materials Specialist

cc: Gil Jensen, Alameda County District Attorney, Consumer and  
Environmental Protection Division  
Lester Feldman, RWQCB  
Dan Scheonholz, Michelle Heffes, Port of Oakland  
Edgar Howell, Chief, Hazardous Materials Division