

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



SH

May 4, 2005

Kyle Christie
Atlantic Richfield Company
6 Centerpointe Drive, LPR6-161
La Palma, CA 90623-1066

Jennifer Sedlachek
ExxonMobil Refining and Supply Co.
7096 Piedmont Ave., #194
Oakland, CA 94611

Liz Sewell
ConocoPhillips
76 Broadway
Sacramento, CA 95818

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

Subject: Fuel Leak Case No. RO0000456, BP #11102, 100 MacArthur Blvd., Oakland, California – Workplan Approval

Dear Mr. Christie, Ms. Sedlachek, and Ms. Sewell:

Alameda County Environmental Health (ACEH) has reviewed your April 28, 2005, *Revised Soil and Groundwater Investigation Workplan* prepared by URS Corporation, Inc., and the case file for the above-referenced site. URS proposes: 1) depth-discrete groundwater sampling from three soil borings immediately upgradient of the storm drain line beneath MacArthur Blvd., 2) two soil borings adjacent to the dispenser islands and USTs, and 3) two onsite soil borings to further characterize the site. The site is located near ACEH case No. RO-455, Unocal #1871. We concur with your workplan provided the following conditions are met:

1. The technical comments listed below will be addressed prior to conducting field work, and documentation will be provided in the report requested below.
2. Soil borings SB-4 and SB-5 will be drilled as close as practicable to the dispenser islands and USTs, and to the total depth of apparent source area contamination. ACEH typically recommends that soil samples be collected and analyzed from a boring within the footprint of a former UST field (or point of fuel release) to at least 10 ft below the total depth of contamination, as identified by field screening of samples.
3. If deemed necessary by your geologist or engineer to fully define the vertical and lateral extent of contamination, additional soil or groundwater samples will be collected as part of the current investigation efforts. ACEH will be informed via telephone or email of any additions to the sampling and analysis plan. Any additional work will follow the workplan-specified procedures. Dynamic investigations are consistent with USEPA protocol for expedited site assessments, which are scientifically valid and offer a cost-effective approach to fully define a plume and to help progress a case toward closure.
4. 72-hr advance written notification (email preferred) will be provided to ACEH prior to field sampling activities.

Please implement the proposed investigation and submit technical reports following the schedule below. In addition, we request that you address the following technical comments.

TECHNICAL COMMENTS

1. Investigation Sequence

Due to the typically high rate of natural attenuation of petroleum hydrocarbons away from the source area, and to the significantly higher horizontal vs. vertical hydraulic conductivity of naturally occurring sediments (i.e. native soils), the downgradient vertical distribution in groundwater is likely to be 1) dependent on lithology, and 2) closely related to the depth(s) of source area contamination. Accordingly, ACEH recommended in our January 27, 2005, letter that the groundwater investigation consider the results of source area delineation. URS proposes sample collection from borings SB-1 through SB-3 at depths of 12, 15 and 18 ft bgs. ACEH provisionally concurs with this proposal; however, the actual depths of groundwater sampling from borings SB-1 through SB-3 and SB-6 through SB-8 need to be determined in the field based on observations of vertical contamination distribution in the source area (borings SB-4 and SB-5). Please confirm the investigation sequence in the report requested below.

2. Contaminants of Concern

URS proposes sample analysis for TPHg, BTEX, MTBE, TBA, ETBE, TAME, DIPE, 1,2-DCA, EDB and ethanol. Based on our review of the recent groundwater data, contaminants of concern (COCs) at the site include: TPHg, BTEX, MTBE, TBA, and TAME, only (TBA is a COC in part due to its potential occurrence as a MTBE degradation product). Analysis for lead scavengers, ETBE, and DIPE may not be necessary. Prior to conducting the proposed investigation, we request that you review all historical analytical data for the site in order to 1) confirm compliance with the minimum verification analyses listed in the Tri-Regional Guidelines, and 2) confirm the COCs at the site. Please identify appropriate COCs for the site in the report requested below.

REPORT REQUEST

Please submit your *Soil and Water Investigation Report* by **August 4, 2005**. ACEH makes this request pursuant to California Health & Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2778 outline the responsibilities of a responsible party for an unauthorized release from an UST system, and require your compliance with this request.

Professional Certification and Conclusions/Recommendations

The California Business and Professions Code (Sections 6735 and 7835.1) requires that workplans 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.

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.

May 4, 2005

RO-456

Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

UNDERGROUND STORAGE TANK CLEANUP FUND

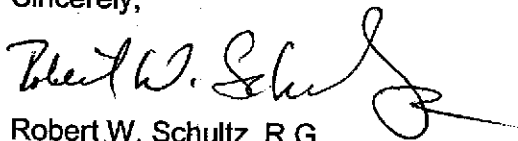
Please note that delays in investigation, late reports or enforcement actions by ACEH may result in you becoming ineligible to receive cleanup cost reimbursement from the state's Underground Storage Tank Cleanup Fund (senate Bill 2004).

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 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 call me at (510) 567-6719 with any questions regarding this case.

Sincerely,



Robert W. Schultz, R.G.
Hazardous Materials Specialist

cc: Lynelle Onishi, URS Corporation, 500 12th St., Ste. 200, Oakland, CA 94607-4014
Donna Drogos, ACEH
Don Hwang, ACEH
File

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



January 27, 2005

Kyle Christie
Atlantic Richfield Company
6 Centerpointe Drive, LPR6-161
La Palma, CA 90623-1066

Jennifer Sedlachek
ExxonMobil Refining and Supply Co.
7096 Piedmont Ave., #194
Oakland, CA 94611

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

Subject: Fuel Leak Case No. RO0000456, BP #11102, 100 MacArthur Blvd., Oakland, California – Workplan Approval

Dear Mr. Christie, Ms. Sedlachek, and Ms. Sewell:

Alameda County Environmental Health (ACEH) has reviewed your April 16, 2004, *Soil and Groundwater Investigation Workplan* prepared by URS Corporation, Inc., and the case file for the above-referenced site. We have also discussed the site with URS; a copy of URS' email to ACEH is attached to this letter. ACEH concurs that, based on review of groundwater data for ConocoPhillips wells MW-10 and MW-11, associated with the nearby service station at 96 MacArthur Blvd., proposed groundwater sampling locations SB-2, SB-5 and SB-6 do not appear necessary. As recommended by URS in the attached email, please revise your workplan and submit technical reports following the schedule below. In addition, we request that you address the following technical comments in your revised workplan.

TECHNICAL COMMENTS

1. Preferential Pathways

URS states that the storm drain beneath MacArthur Blvd. may be submerged or partially submerged during seasonal increases in groundwater elevation. ACEH is concerned that 1) contaminated groundwater may be entering the storm drain or migrating via higher permeability backfill surrounding the storm drain, and 2) groundwater flow direction may be seasonally influenced by infiltration into the storm drain. The storm drain flows to Lake Merritt (a tidal estuary) or the San Francisco Bay. Please propose tasks to evaluate this potential risk in the revised workplan requested below.

2. Delineation of Source Area Contamination

In accordance with 23 CCR 2725(a), we require that you define the likely vertical extent of contamination. As a preliminary step in defining the vertical extent of source area contamination, ACEH typically recommends that soil samples be collected and analyzed from a boring within the footprint of a former UST field (or point of fuel release) to at least 10 ft below the total depth of contamination, as identified by field screening of samples. Please include tasks to vertically define the source area in the revised workplan requested below.

3. Delineation of Groundwater Plume

ACEH requires that sufficient data be collected to define the likely three-dimensional extent of your groundwater plume. Significantly, your findings relative to vertical distribution of soil contamination (Comment 2, above), need to be considered in your groundwater evaluation. ACEH requires that grab groundwater sampling be depth-discrete with a maximum screening interval of 5 ft and that monitoring wells sand pack be 5 ft thick or less. Please propose investigation tasks to fully define your groundwater plume in the revised workplan requested below.

REPORT REQUEST

Please submit your *Revised Soil and Water Investigation Workplan* by **April 27, 2005**. ACEH makes this request pursuant to California Health & Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2778 outline the responsibilities of a responsible party for an unauthorized release from an UST system, and require your compliance with this request.

Professional Certification and Conclusions/Recommendations

The California Business and Professions Code (Sections 6735 and 7835.1) requires that workplans 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.

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.

UNDERGROUND STORAGE TANK CLEANUP FUND

Please note that delays in investigation, late reports or enforcement actions by ACEH may result in you becoming ineligible to receive cleanup cost reimbursement from the state's Underground Storage Tank Cleanup Fund (senate Bill 2004).

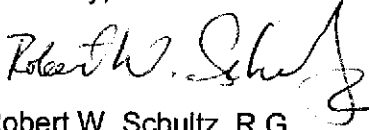
AGENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested we will consider referring your case to the 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.

Mr. Christie, Ms. Bedlachek, and Ms. Sewell
January 27, 2005
RO-456

Please call me at (510) 567-6719 with any questions regarding this case.

Sincerely,



Robert W. Schultz, R.G.
Hazardous Materials Specialist

cc: Leonard Niles, URS Corporation, 500 12th St., Ste. 200, Oakland, CA 94607-4014
Donna Drogos, ACEH
Don Hwang, ACEH
Robert W. Schultz, ACEH

Schultz, Robert, Env. Health

From: Leonard_Niles@URSCorp.com
Sent: Thursday, January 27, 2005 12:14 PM
To: Schultz, Robert, Env. Health
Cc: Kyle Christie (E-mail); Robert_Horwath@URSCorp.com
Subject: Re: ro-456 - 100 MacArthur Blvd, Oakland

Bob,

The 5/3 & 7/18/03 ACEH letter references in the workplan are erroneous, they were from a different site workplan used as a template. I apologize for the error. The 7/31/01 letter is the most recent ACEH correspondence we have for this site (other than a teleconference with Don Hwang on 8/12/03); I have no record of receiving an e-mail on 3/19/04. Since we submitted the subsurface investigation workplan for this site (former BP #11102), we have obtained additional information regarding subsurface investigations performed at the adjacent Quickstop (former Tosco) service station at 66/96 MacArthur Boulevard. Numerous offsite borings have been drilled and monitoring wells installed at this site, some of which are directly downgradient of our BP site #11102 along the I-580 right-of-way and under the 1-580/Harrison Street overpass. Groundwater hydrocarbon concentrations in those wells and borings immediately downgradient of our site are very low to non-detect. We believe that this data adequately delineates the downgradient extent of the dissolved hydrocarbon plume from the former BP #11102 site, and that no further offsite investigation is necessary. As a result of this recently discovered data, we are planning to submit an addendum to the previous workplan modifying the proposed scope of work to include only four onsite monitoring well installations, to be constructed also as potential extraction wells for future feasibility studies and remediation. One of these wells will replace current MW-1 near the waste oil tank. We will include the Quickstop data in this workplan addendum as justification for eliminating the proposed offsite borings.

We request that you postpone review of the previous workplan until the addendum is submitted, which we anticipate within 60 days. Also, our ACEH site prioritization spreadsheet is being reviewed by our client, we will request submittal to you as soon as possible.

Thank you,

Leonard P. Niles, R.G./C.H.G
Senior Geologist / Project Manager
URS Corporation
1333 Broadway, Suite 800
Oakland, CA 94612
Direct: 510.874.1720
Fax: 510.874.3268

"Schultz, Robert,
Env. Health"
<leonard_niles@urscorp.com>
<chriska@bp.com>
Oakland

<robert.schultz@a
cgov.org>

To: "Leonard Niles (E-mail)"
cc: "Kyle Christie (E-mail)"
Subject: ro-456 - 100 MacArthur Blvd,

01/26/2005 05:34
PM

Leonard:

I am reviewing your 4/16/04 workplan for the above-referenced site. Your introduction references 5/3/03 and 7/18/03 letters from ACEH; however, the most recent correspondence in your workplan Attachment A and in our files are: 3/19/04 email, 7/31/01 letter, and 7/18/01 letter. Please confirm. In addition, I would like to receive the prioritization spreadsheet for BP/ARCO sites.

Thank you,
Bob

Robert W. Schultz, R.G.
Hazardous Materials Specialist
Alameda County Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502
510-567-6719 (direct)
510-337-9335 (facsimile)

20456



Atlantic Richfield Company
(a BP affiliated company)

Atlantic Richfield Company
4 Centerpointe Drive, Room 172
La Palma, CA 90623-1066
Phone: (714) 670-5303

Alameda County
AUG 25 2004
Environmental Health

August 13, 2004

Mr. Robert Shultz
Alameda County Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

RE: BP Heritage Sites Environmental Project Responsibility

Dear Mr. Shultz:

The purpose of this letter is to inform you of the recent reorganization of Atlantic Richfield Company's (RM) environmental staff that manages retail facility environmental efforts in Northern California. Former BP retail sites 11102, 11104, 11107, 11109, 11117, 11120, 11126, 11132, 11133, 11266 and 11270 will now be managed by myself. Atlantic Richfield Company heritage sites will continue to be managed by Paul Supple. Please direct all correspondence for retail environmental issues regarding these sites to me at the following address:

Kyle Christie
Atlantic Richfield Company
4 Centerpointe Drive, Room 172
La Palma, CA 90623-1066

I look forward to working closely with you on environmental issues affecting these projects and would appreciate meeting with you to discuss any of these projects at your convenience. Please feel free to call me at (714) 670-5303 with any questions. I can also be reached via email at chriska@bp.com.

Sincerely,

Kyle Christie
Environmental Business Manager
Remediation Management

cc: Liz Sewell, ConocoPhilips

To: Leonard_Niles@URSCorp.com
Subject: RE: Former BP site #11132 & 11102 subsurface investigation update

This schedule is acceptable.

-----Original Message-----

From: Leonard_Niles@URSCorp.com [mailto:Leonard_Niles@URSCorp.com]
Sent: Friday, March 19, 2004 3:19 PM
To: DHwang@co.alameda.ca.us
Cc: supplpv@bp.com; Robert_Horwath@URSCorp.com
Subject: Former BP site #11132 & 11102 subsurface investigation update

Don,

We have scheduled drilling of the onsite Geoprobe borings for April 19 through April 21 at the former BP service station #11132 at 3201 35th Avenue in Oakland. This is the earliest date for which a Geoprobe rig is available from our drilling contractor. We have submitted encroachment permit applications to the City of Oakland for the offsite borings in the adjacent streets, and will schedule drilling those when the permits are approved. We are anticipating that should be within a month. We are intending to summarize the onsite and offsite investigation results in one report. If there is a substantial delay in obtaining offsite permits or access, we may first submit a report for the onsite borings only. Assuming reasonable turnaround time for the offsite encroachment permits, we anticipate submitting the subsurface investigation report by May 31, 2004. Please confirm if this schedule is acceptable.

Also, we are currently reviewing the subsurface investigation workplan for former BP site #11102 at 100 MacArthur Boulevard in Oakland, and should be submitting it by March 31. The workplan will address source area and offsite plume characterization.

Leonard P. Niles, R.G./C.H.G
Senior Geologist
URS Corporation
1333 Broadway, Suite 800
Oakland, CA 94612
Direct: 510.874.1720
Fax: 510.874.3268

PO 456
TDON



State Water Resources Control Board



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) 341-5714 • FAX (916) 341-5806 • www.swrcb.ca.gov/cwphome/ustef

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.

MAY 8 2003

Exxonmobil Oil Corp.
Candy G. Woolford
P O Box 676443
Dallas, TX 75267-6443

Alameda County
MAY 13 2003
Environmental Health

UNDERGROUND STORAGE TANK CLEANUP FUND (FUND), CLAIM NO. 005518, FOR
SITE ADDRESS: 100 MACARTHUR BLVD, 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 \$25,000. 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. **You are encouraged 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 Sunil Ramdass, our Technical Reviewer assigned to claims in your Region, at (916) 341-5757. 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.**

California Environmental Protection Agency



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

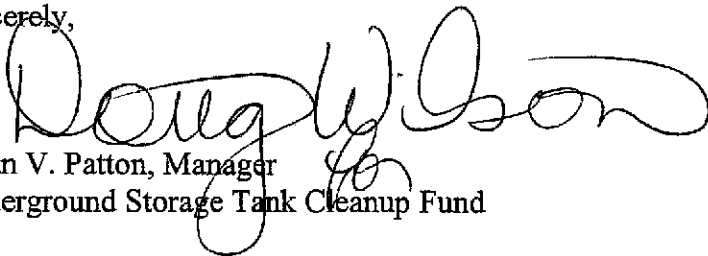
"Notice of Change of Address" form if needed.

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 Toru Okamoto at (916) 341-5649.

Sincerely,



Allan V. Patton, Manager
Underground Storage Tank Cleanup Fund

Enclosures

Lustis Case #: 01-0985

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

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

July 31, 2001

Scott Hooton
BP Oil Co.
Midwest Environmental Services
295 SW 41st St.
Bldg. 13, Suite N
Renton, WA 98055

Dear Mr. Hooton:

Subject: Former BP Oil Site No. 11102, 100 MacArthur Blvd., Oakland, CA
RO0000456

Your letter of May 15, 2001 indicated that Tosco would be responsible for the tasks listed in our letter of July 18, 2001. However, we have received a copy of a letter dated June 22, 2001 to you from David De Witt of Tosco disputing this. We hope that the two of you will be able to resolve differences so that the tasks requested can proceed. If I may be of any assistance, please don't hesitate to call me at 510/567-6746.

Sincerely,

Don Hwang
Hazardous Materials Specialist

e
C: David De Witt, Tosco Marketing Co., 2000 Crow Canyon Pl., Suite 400,
San Ramon, CA 94583

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

July 18, 2001

Scott Hooton
BP Oil Co.
Midwest Environmental Services
295 SW 41st St.
Bldg. 13, Suite N
Renton, WA 98055

Dear Mr. Hooton:

Subject: Former BP Oil Site No. 11102, 100 MacArthur Blvd., Oakland, CA
RO0000456

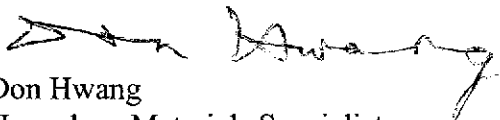
"1st Quarter 2001 Monitoring..." dated April 11, 2001 prepared by Blaine Tech Services and your May 15, 2001 letter were reviewed. These samples were collected on March 8, 2001. Methyl Tertiary-Butyl Ether (MTBE) concentrations found in monitoring wells MW-1 and MW-2 were 11,600 ug/l and 29,100 ug/l, respectively. MTBE in MW-1 has decreased from the prior sampling event while increasing in MW-2. The prior results on September 28, 2000 were 28,000 ug/l and 15,000 ug/l, respectively. Total Petroleum Hydrocarbons-Gasoline (TPH-G) increased in MW-1 and MW-2 since the prior sampling event. TPH-G concentrations found in MW-1 and MW-2 on March 8, 2001 were 8,200 ug/l and 20,000 ug/l, respectively. The prior results on September 28, 2000 were 2,700 ug/l and 1,600 ug/l, respectively. MW-3's concentrations on March 8, 2001 were Not Detected (ND) or low which were consistent with previous results. However, the MTBE concentration increased to 60 ug/l from prior results of 2.0 ug/l and 1.6 ug/l.

As noted in our letter dated May 3, 2001, due to the high concentrations of MTBE, the sampling frequencies will need to increase to quarterly and a Corrective Action Plan, which includes an assessment of impacts, a feasibility study, and applicable cleanup levels will be required. Additionally, further delineation of the plume may be necessary. As stated in our letter dated May 19, 1999, because MW-1 was installed in the gravel backfill of the former waste oil tank pit, the determination of gradient using groundwater levels from this well may be inaccurate. Therefore, groundwater flow directions and gradients may need to be confirmed by an acceptable method, which could include the installation of another well in native soil or using wells adjacent to the site.

Mr. Hooton
July 18, 2001
Page 2 of 2

Your letter of May 15, 2001 indicated that Tosco will be responsible for these tasks because the increases in contaminant concentrations occurred while Tosco was operating the facility. If you have any questions, you may call me at 510/567-6746.

Sincerely,



Don Hwang
Hazardous Materials Specialist

u
C: David DeWitt, Tosco Marketing Co., 2000 Crow Canyon Pl., Suite 400, San Ramon,
CA 94583

✓ file

2000 Crow Canyon Place
Suite 400
San Ramon, CA 94583
925.277.2305
fax: 925.277.2361

**Environmental
Compliance
Department**



June 22, 2001

JUN 27 2001

Mr. Scott Hooton
BP Oil Company
Midwest Environmental Services
295 SW 41st Street
Bldg 13, Suite N
Renton, WA 98055

Re: Indemnification Claim
Former BP Oil Site No. 11102
100 MacArthur Blvd.
Oakland, CA

Dear Mr. Hooton:

Tosco has reviewed your claim for environmental indemnification for contamination at the above-mentioned site in your May 15, 2001 letter. An examination of the data and graphic representations does not necessarily lead to the same conclusion you have reached. For instance, it is noted the highest concentrations of MtBE have occurred after the highest groundwater levels (a change in over 6 feet). While the highest groundwater levels did occur during Tosco's tenure, it is not conclusive evidence of groundwater contamination resulting from Tosco's operation. We note the existence of substantial amounts of dissolved petroleum hydrocarbons and MtBE prior to the purchase of the site by Tosco.

BP takes the position that Buyer is responsible for Corrective Action because it arose as a consequence of the ownership or operation of the CA Properties on and after the Closing Date. BP assumes (without demonstrating) that there has been a release on or after the Closing Date and that the projected incremental costs associated with a subsequent release exceed the projected costs for Seller's Corrective Action. BP has not demonstrated this as it must pursuant to the Provisions of Schedule O of the Sale Agreement. Tosco rejects the transfer of Corrective Action to Tosco of this site.

Sincerely,

A handwritten signature in cursive script that reads 'David B. De Witt'.

David B. De Witt
Environmental Project Manager

Cc: Dave Camille
David Waldschmidt, Tempe
Bob Staab, Tempe
Max Boone, Tempe
Don Hwang, Alameda Co.

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



May 3, 2001

Scott Hooton
BP Oil Co.
Midwest Environmental Services
295 SW 41st St.
Bldg. 13, Suite N
Renton, WA 98055

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

Dear Mr. Hooton:

Subject: Former BP Oil Site No. 11102, 100 MacArthur Blvd., Oakland, CA
RO0000456

"3rd Quarter 2000 Monitoring..." dated November 15, 2000 prepared by Blaine Tech Services was reviewed. These samples were collected on September 28, 2000. Methyl Tertiary-Butyl Ether (MTBE) concentrations found in monitoring wells MW-1 and MW-2 were 28,000 ug/l and 15,000 ug/l, respectively. Total Petroleum Hydrocarbons-Gasoline (TPH-G) concentrations found in MW-1 and MW-2 were 2,700 ug/l and 1,600 ug/l, respectively.

If the results for MTBE for the next round of sampling are consistent with those obtained recently, then the sampling frequencies will need to increase to quarterly and a Corrective Action Plan, which includes an assessment of impacts, a feasibility study, and applicable cleanup levels will be required. Additionally, further delineation of the plume may be necessary. As stated in our letter dated May 19, 1999, because MW-1 was installed in the gravel backfill of the former waste oil tank pit, the determination of gradient using groundwater levels from this well may be inaccurate. Therefore, groundwater flow directions and gradients may need to be confirmed by an acceptable method, which could include the installation of another well in native soil or using wells adjacent to the site. If you have any questions, you may call me at 510/567-6746.

Sincerely,

Don Hwang
Hazardous Materials Specialist

a
C: David DeWitt, Tosco Marketing Co., 2000 Crow Canyon Pl., Suite 400, San Ramon,
CA 94583

↓ file

LOP - CHANGE RECORD REQUEST FORM

printed:
01/04/2000

Mark Out What Needs Changing and Hand to LOP Data Entry
(Name/Address changes go to Annual Programs Data Entry)

Insp: *D H*

AGENCY # : 10000 SOURCE OF FUNDS: F SUBSTANCE: 12035
 StID : 1108 LOC: -0-
 SITE NAME: BP Oil Co. Site #11102 DATE REPORTED : 09/19/1988
 ADDRESS : 100 MacArthur Blvd DATE CONFIRMED: -0-
 CITY/ZIP : Oakland 94610 MULTIPLE RPs : Y

SITE STATUS

CASE TYPE: O CONTRACT STATUS: 4 PRIOR CODE:-0- EMERGENCY RESP: -0-
 RP SEARCH: S DATE COMPLETED: 04/06/1992
 PRELIMINARY ASMNT: U DATE UNDERWAY: 07/01/1991 DATE COMPLETED: -0-
 REM INVESTIGATION: - DATE UNDERWAY: -0- DATE COMPLETED: -0-
 REMEDIAL ACTION: - DATE UNDERWAY: -0- DATE COMPLETED: -0-
 POST REMED ACT MON:- DATE UNDERWAY: -0- DATE COMPLETED: -0-

ENFORCEMENT ACTION TYPE: 6 DATE ENFORCEMENT ACTION TAKEN: 07/01/1994
 LUFT FIELD MANUAL CONSID: 3HSWG
 CASE CLOSED: - DATE CASE CLOSED: -0-
 DATE EXCAVATION STARTED : 09/19/1988 REMEDIAL ACTIONS TAKEN: -0-

RESPONSIBLE PARTY INFORMATION

RP#1-CONTACT NAME: Scott Hooton
 COMPANY NAME: BP Oil Co.
 ADDRESS: 295 Sw 41st St., Suite N
 CITY/STATE: Renton W A 98055

RP#2-CONTACT NAME: Michele Fear
 COMPANY NAME: Mobil Corporation
 ADDRESS: 3225 Gallows Rd.
 CITY/STATE: Fairfax V A 22037-0001

RP#3-CONTACT NAME: Tina Berry
 COMPANY NAME: Tosco Marketing Company
 ADDRESS: 2000 Crow Canyon Place
 CITY/STATE: San Ramon, Ca 94583

INSPECTOR VERIFICATION:

NAME _____ SIGNATURE _____ DATE _____

DATA ENTRY INPUT:

Name/Address Changes Only Case Progress Changes

ANNPCMS _____ LOP _____ DATE _____ LOP _____ DATE _____

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 19, 1999

Scott Hooton
BP Oil Company
Environmental Remediation Management
295 SW 41st Street
Renton, Washington 98055-4931

STID: 1108

Re: Investigations at Former BP Oil Site No. 11102, located at 100 MacArthur Blvd.,
Oakland, CA

Dear Mr. Hooton,

This office has reviewed Blaine Tech Services' First Quarter 1999 Groundwater Monitoring Report. The following is a list of comments and requirements in response to our review:

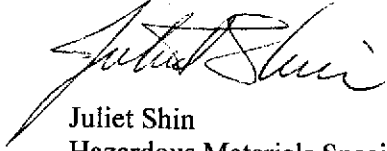
- MTBE and TPHg concentrations in the "downgradient" well MW-2 increased dramatically, after 1.5 to 2 years of NonDetect. This concerns our office, because it is suggestive of plume migration or a recent release. If these concentrations persist, efforts must be made to further delineate and characterize this plume. If further delineation work is eventually conducted, the groundwater flow direction at the site must be confirmed. Per our meeting on March 16, 1999, one of my concerns was that Well MW-1 was installed in the gravel backfill of the former waste oil tank pit and that the water levels collected from this well may be inaccurate and producing erroneous gradient determinations. Therefore, as part of possible future delineation work, groundwater flow directions and gradients will need to be confirmed by an acceptable method, which could include the installation of another well in native materials to tie into.
- Well MW-3 was not sampled in this last monitoring event. No mention was made in Blaine Tech's report as to why this well was not analyzed. In future monitoring events, this well is required to be sampled with the other two on-site monitoring wells. If a vehicle is obstructing this well, arrangements must be made with the operator to come out at a time when this well is accessible.
- This report's chain-of-custody did not include an explanation as to which wells correlated to the Sample IDs "A" and "B". Therefore, there is no way for this office to confirm whether the concentrations provided in the laboratory analytical results correlate to the wells indicated in the report. Future chain-of-custody forms should make clear which samples correlate to which wells.

Lastly, per your April 24, 1999 cover letter, the next monitoring event in September 1999 will include the analysis for chlorinated solvents using Method 8010, oxygenates using Method 8260, and TPHd for Wells MW-1 and MW-2. As stated above, Well MW-3 should continue to be included in the monitoring events. Additionally, per your letter, work is currently underway to perform on-site and off-site utility line surveys and slug tests on all three monitoring wells.

Scott Hooton
Re: 100 MacArthur Blvd.
May 19, 1999
Page 2 of 2

Thank you for your cooperation. If you have any questions or comments, please contact me at (510) 567-6763.

Sincerely,



Juliet Shin
Hazardous Materials Specialist

Cc: Leroy Griffin
City of Oakland Hazardous Materials
505 14th St., Ste 702
Oakland, CA 94612

Files-JMS

Alameda County Environmental Health

1131 Harbor Bay Pkwy., #250
Alameda CA 94502-6577
Telephone (510) 567-6700 FAX (510) 337-9335

FACSIMILE COVER SHEET

TO: Scott Hooton, Fax# ⁴²⁵ 206-251-0736

FROM: Juliet Shin

DATE: 05/19/99

Total number of pages including cover sheet 3

-NOTES- Scott, let me know whether you
have any questions. The original is in the
mail.

COM No.	REMOTE STATION	START TIME	DURATION	PAGES	RESULT	USER ID	REMARKS
530	4252510735	05-19 15:15	01' 04	03/03	OK		

7499402046

Alameda County Environmental Health

1131 Harbor Bay Pkwy., #250
 Alameda CA 94502-6577
 Telephone (510) 567-6700 FAX (510) 337-9335

FACSIMILE COVER SHEET

TO: Scott Hooton, Fax# ⁴²⁵ 206-251-0736

FROM: Juliet Shin

DATE: 05/19/99

Total number of pages including cover sheet 3

-NOTES- Scott, let me know whether you have any questions. The original is in the mail.



TOSCO
Marketing
Company

2000 Crow Canyon Place
Suite 400
San Ramon, CA 94583
925.277.2305
fax: 925.277.2361

**Environmental
Compliance
Department**

February 4, 1999

Ms. Juliet Shin
Hazardous Materials Specialist
Alameda County EHS
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Re: BP Oil Service Station # 11102
100 MacArthur Blvd.
Oakland, CA

Dear Ms. Shin:

I am in receipt of your January 5, 1999 letter with regard to required additional plume delineation for this site. Based upon our contractual agreement between BP Oil and Tosco Corporation, it is BP Oil's responsibility to provide the necessary work plan for this site.

If for some reason, BP Oil does not provide the work plan, please let know. I can be reached at 925-277-2384 for questions or concerns.

Sincerely,

David B. De Witt
Project Manager

cc: Scott Hooton, BP Oil

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)

January 05, 1999

Tina Berry
TOSCO Marketing Company
2000 Crow Canyon Place, Ste 400
San Ramon, CA 94583

STID: 1108

Re: Required investigations at BP Oil Company Service Station No. 11102, located at
100 MacArthur Boulevard, Oakland, California

Dear Ms. Berry,

Recently I have been designated as the case worker for the above site. Although you stated in an earlier communication that BP Oil Company (BP) is currently the primary responsible party at the site, BP has stated that the issues of responsibility have not yet been established between TOSCO Marketing Company (TOSCO) and BP. Currently TOSCO is listed as a Responsible Party for investigations at the above site along with BP, based on the fact that TOSCO purchased the property from BP after the observed release. Therefore, this letter is being directed to both TOSCO and BP.

Investigations were initiated at the site in 1988 with Mobil Oil Company's (Mobil) removal of a 550-gallon waste oil underground storage tank (UST). One soil sample was collected from below the UST at approximately 9-feet below ground surface (bgs) and another soil sample was collected from the 15-cubic yards of soil excavated from the UST pit which was stockpiled on site. These two soil samples were analyzed for Total Petroleum Hydrocarbons as Diesel (TPHD), Total Oil & Grease (TOG), and Volatile Organic Compounds (VOCs) using Method 8240. Although no apparent holes or cracks were noted in the UST and low levels of TPHD and TOG were detected in the soil sample collected from below the UST, elevated levels of TPHD at 1,700 parts per million (ppm) and TOG at 65,000 ppm were identified in the stockpiled soil sample which warranted further investigations.

In October 1989, three monitoring wells, MW-1 through MW-3, were installed at the site. The initial analysis of samples collected from these wells identified very low levels of benzene, toluene, and total xylenes in soil samples collected from Wells MW-2 and MW-3, and up to 6.5 parts per billion (ppb) benzene, 0.6ppb toluene, and 0.9ppb 1,2-Dichloroethane (DCA) in groundwater samples collected from Wells MW-1 and MW-2.

Mobil Oil Company conducted quarterly groundwater monitoring at the site until mid-1992, when BP purchased the property. Quarterly groundwater monitoring of these wells has continued to the present time, with Well MW-1, located closest to the former waste oil UST, being analyzed for TPH as Gasoline (TPHG), TPHD, TOG, BTEX, and Halogenated Volatile Organic Compounds (HVOCS). Wells MW-2 and MW-3 were analyzed for the same constituents as Well MW-1, except analyses for HVOCS and TPHD were intermittent and appear to have been discontinued in and around 1991/1992. The observed peaks of higher contaminant

Ms. Tina Berry
Re: 100 MacArthur Blvd.
January 05, 1999
Page 2 of 3

concentrations in all three wells appear to have correlated with shallower groundwater depths at roughly 11- to 12-foot bgs. This could be due to the leaching of residual soil contamination at these depths.

Although the most elevated levels of DCA have been identified in samples collected from Well MW-2 in 1991 and 1992, no further analyses for this constituent has been conducted on groundwater samples from this well. The levels of DCA observed in Well MW-2 may be coming from the former waste oil UST, since Well MW-2 is located downgradient from this location. Consequently, **this office is requiring that analysis for DCA be conducted for this well in the next sampling event.** Additionally, levels of TPHD appear to have increased in upgradient Well MW-1 since monitoring began in 1989, however, downgradient Well MW-2 has never been analyzed for TPHD and downgradient Well MW-3 has not been analyzed for TPHD since 1992. **The next round of groundwater sampling must include analyses for TPHD in both these wells.**

Analysis for Methyl Tertiary Butyl Ether (MTBE) began for Wells MW-1 and MW-2 in 1994, and for Well MW-3 in 1995. **Due to the elevated levels of MTBE being identified in Wells MW-1 and MW-2, additional work must be conducted to delineate the extent of the MTBE plume in the downgradient directions which vary from westerly to southerly.** Additionally, there is some concern that a more permeable sandy lense may be transporting groundwater and contaminants such as MTBE in other directions. Based on the boring logs for MW-1 through MW-3, significantly more permeable soils of sand and gravel were noted in Well MW-1, as opposed to the strikingly different soil types of silt and clay in Wells MW-2 and MW-3, which suggests a sandy lense, whose size is unknown, that could be influencing local groundwater flow to be different than those already noted at the site. **Therefore, the characterization of the MTBE plume should include delineation in the "upgradient" directions to the north/northeast.** Although Mr. Hooton mentioned in a May 18, 1993 letter to this office that no further investigations were possible upgradient of MW-1 due to a retaining wall, I would like to meet with you or your consultant out at the site to consider what potential there may be to work around this retaining wall.

Based on the results of research conducted by Lawrence Livermore National Laboratory on MTBE analyses, the San Francisco Bay Regional Water Quality Control Board (RWQCB) has issued guidelines stating that "it is recommended that at least one groundwater sample per site which was positive for MTBE by EPA Method 8020A (or 8021B) be analyzed by EPA method 8240B (or 8260A) to verify the correct identification of MTBE (i.e., split samples from a minimum of one well from each site). We recommend that confirmation analysis be performed for the sample containing the highest MTBE concentration from the site based on Method 8020A (or 8021B) values. For these samples the 8240B (or 8260A) value should be reported." Additionally, per the request of RWQCB, you are required to include the analysis for the following additional oxygenates and lead scavengers in the next round of sampling using Methods 8260 and 8010: Tertiary Amyl Methyl Ether (TAME), Diisopropyl Ether (DIPE), Ethyl Tertiary Butyl Ether (ETBE), Tertiary Butyl Alcohol (TBA), and Ethylene Dibromide (EDB).

According to the December 1989 Well Installation Report, the site's three monitoring wells were

Ms. Tina Berry
Re: 100 MacArthur Blvd.
January 05, 1999
Page 3 of 3

surveyed to an arbitrary benchmark on site. Per RWQCB guidelines, these wells must be surveyed to Mean Sea Level to an accuracy of 0.01 foot.

Per the Oakland Museum's "Creek and Watershed Map of Oakland and Berkeley", there appears to be a stormwater culvert running along MacArthur Boulevard immediately adjacent to the downgradient boundary of the site. Apparently this culvert discharges into Lake Merritt. Please provide information to this office on the details of this culvert, (such as the depth, type of backfill material, diameter of culvert, slope, etc) to assist us in determining whether this culvert could be influencing the migration of the plume.

Currently, the site's wells are on a semi-annual sampling frequency, with the last groundwater sampling event being conducted on June 18, 1998. The next groundwater sampling event should have taken place in December 1998, and a report documenting the work should be submitted within the next month. All future groundwater monitoring reports shall include, among others, the following elements:

- Details and results of all work performed during the designated period of time: records of field observations and data, boring and well construction logs, water level data, chain-of-custody forms, laboratory results for all samples collected and analyzed, tabulations of free product thicknesses and dissolved fractions, etc.
- Status of groundwater contamination characterization
- Interpretations of results: water level contour maps showing gradients, free and dissolved product, plume definition maps for each target component, geologic cross sections, etc.
- Recommendations or plans for additional investigative work or remediation

A workplan addressing the above plume delineation work shall be submitted to this office within 60 days of the date of this letter, (i.e., by March 02, 1999). A report documenting the work shall be submitted to this office within 45 days after completing field activities. If you have any questions or comments, please contact me at (510) 567-6763.

Sincerely,



Juliet Shin
Hazardous Materials Specialist

Cc: Mr. Scott Hooton, BP Oil Company, Environmental Remediation Management
295 SW 41st Street, Renton, Washington 98055-4931

Leroy Griffin, Oakland Hazardous Materials
505 14th Street, Ste 702, Oakland, CA 94612

Files-JMS

Alameda County Environmental Health

1131 Harbor Bay Pkwy., #250
Alameda CA 94502-6577
Telephone (510) 567-6700 FAX (510) 337-9335

FACSIMILE COVER SHEET

TO: Shari Kueriem, Fax: 916-227-4530

FROM: Juliet Shin, Alameda County

DATE: 09/02/99

Total number of pages including cover sheet 3

-NOTES- Hi Shari,
Here's a signed copy of ^{BP's} Fosco's site,
STID #1108. Thanks.
- Juliet Shin

DATE	COMPLIANCE DOCUMENTATION
9-19-88	Waste oil tank removed - soil sampled - Mobil
11-2-88	Soil Sampling Report - Mobil
9-25-89	3 MWs to be installed by 10-6-89 - Mobil
12-20-89	Preliminary Site Investigation Report - Mobil
5-2-90	Quarterly G-W Monitoring + Sampling Report - Mobil
9-27-90	"
4-8-91	"
9-16-91	"
1-3-92	"
4-9-92	"
7-6-92	NOR to BP
7-6-92	Quarterly G-W Monitoring + Sampling Report - Mobil
8-29-92	"
8-20-92	Mobil Oil letter - sales agreement with BP Oil all data forwarded to BP
11-4-92	NOR to BP
1-6-93	G-W Monitoring and Sampling Report for BP
1-26-93	BP request for closure
2-23-93	Alameda Co letter - closure denied - must determine source of contamination do quarterly monitoring and sampling 1st quarter 1993

Continued on reverse

CONFIRMATION OF CORRECTIVE ACTION COMPLIANCE

- Claimant in corrective action compliance
- Claimant not in corrective action compliance (90 day letter required)
- Claimant not in corrective action compliance - rejection recommended

LEAD AGENCY SIGNATURE _____ DATE 9/2/99
 CLAIMS REVIEWER SIGNATURE _____ DATE 8-31-99

CLAIM NO.: 5518 CLAIMANT NAME: Mobil / BP Oil
 STID# 108

DATE	COMPLIANCE DOCUMENTATION (CONTINUED)
5-18-93	BP Oil letter responding to County's 2-23-93 letter resubmits request for closure
8-16-93	GW Monitoring + Sampling Report
12-20-93	Alameda Co NORs to BP and Mobil
1-27-94	GW Monitoring + Sampling Report for BP
7-12-94	Letter from Tosco Corporation - buying BP stations in California - NOR sent 7-27-94
8-18-94	GW Monitoring and Sampling Report for BP
3-10-95	GW Monitoring and Sampling Report for BP
8-2-95	"
3-8-96	"
8-20-96	"
1-13-97	"
8-5-97	"
12-19-97	Alameda Co letter to Tosco and BP - further investigation is required to determine the source of increasing MTBE and TPHg in GW. Work Plan due 1-19-97
3-30-98	Tosco letter - response to 12-19-97 Co letter
2-12-98	GW Monitoring and Sampling Report for BP
7-11-98	Environmental Resolutions Inc Work Plan for Tosco
8-28-98	GW Monitoring and Sampling Report for BP
4-24-99	1st Qtr 1999 Monitoring Report for BP

100 MacArthur Blvd, Oakland

I. CLAIMANT IDENTIFICATION

A. CLAIMANT NAME
 MOBIL OIL CORPORATION

MAILING ADDRESS
 3600 West Alameda Avenue, Suite 2000

CITY, STATE
 Burbank, California

ZIP CODE
 91505-4331

TELEPHONE NO.
 818, 953-2649

C. TAX IDENTIFICATION NO.:

B. CLAIMANT STATUS (CHECK ONE)

INDIVIDUAL LOCAL AGENCY

PARTNERSHIP CORPORATION

JOINT VENTURE OTHER:

LOP - CHANGE RECORD REQUEST FORM

printed:
10/06/98

Mark Out What Needs Changing and Hand to LOP Data Entry
(Name/Address changes go to Annual Programs Data Entry)

Insp:

AGENCY # : 10000 SOURCE OF FUNDS: F SUBSTANCE: 12035
 StID : 1108 LOC:
 SITE NAME: BP Oil Co. Site #11102 DATE REPORTED : 09/19/88
 ADDRESS : 100 MacArthur Blvd DATE CONFIRMED:
 CITY/ZIP : Oakland 94610 MULTIPLE RPs : Y

SITE STATUS

CASE TYPE: O CONTRACT STATUS: 4 PRIOR CODE: EMERGENCY RESP:
 RP SEARCH: S DATE COMPLETED: 04/06/92
 PRELIMINARY ASMNT: U DATE UNDERWAY: 07/01/91 DATE COMPLETED:
 REM INVESTIGATION: DATE UNDERWAY: DATE COMPLETED:
 REMEDIAL ACTION: DATE UNDERWAY: DATE COMPLETED:
 POST REMED ACT MON: DATE UNDERWAY: DATE COMPLETED:
 ENFORCEMENT ACTION TYPE: 6 DATE ENFORCEMENT ACTION TAKEN: 07/01/94
 LUFT FIELD MANUAL CONSID: 3HSWG
 CASE CLOSED: DATE CASE CLOSED:
 DATE EXCAVATION STARTED : 09/19/88 REMEDIAL ACTIONS TAKEN:

RESPONSIBLE PARTY INFORMATION

RP#1-CONTACT NAME: Scott Hooton
 COMPANY NAME: BP Oil Co.
 ADDRESS: 295 Sw 41st St., Suite N
 CITY/STATE: Renton W A 98055

RP#2-CONTACT NAME: Michele Fear
 COMPANY NAME: Mobil Oil Corporation
 ADDRESS: 3225 Gallows Rd.
 CITY/STATE: Fairfax V A 22037-0001

RP#3-CONTACT NAME: Chester Bennett
 COMPANY NAME: Tosco Corporation
 ADDRESS: 2130 Professional Dr #100
 CITY/STATE: Roseville CA 95661-3738

INSPECTOR VERIFICATION:

NAME _____ SIGNATURE _____ DATE _____

DATA ENTRY INPUT:

Name/Address Changes Only			Case Progress Changes	
ANNPGMS _____	LOP _____	DATE _____	LOP _____	DATE _____



BP OIL

ENVIRONMENTAL
PROTECTION

BP Oil Company

Environmental Remediation Management

98 SEP 29 11 08 AM '98

295 SW 4th Street

Renton, Washington 98055-4931

(425) 251-0667

Fax No: (425) 251-0736

September 21, 1998

Alameda County Health Care Services Agency
Attention Ms. Jennifer Eberle - Hazardous Materials Specialist
1131 Harbor Bay Parkway, STE 250
Alameda, CA 94502-6577

RE: Former BP Oil Site No. 11102
100 McArthur Boulevard (at Oakland)
Oakland, CA

Dear Ms. Eberle:

Enclosed find the 28 August 1998 Groundwater Monitoring and Sampling Report prepared on behalf of BP by Alisto Engineering Group.

We plan to continue semi-annual sampling at this time per Alameda County Health Care Services Agency correspondence dated 22 October 1996. Please note that BP has made a claim for indemnification to the current operator who I anticipate will be assuming the conduct of all cleanup activities at this site.

Please give me a call at (425) 251-0689 if you have any questions or comments.

Sincerely,

Scott Hooton
Environmental Remediation Management
BP Exploration & Oil, Inc.

attachment

cc: site file
Tina Berry - Tosco (w/attachment)



BP OIL

ENVIRONMENTAL
PROTECTION

25 MAR 22 PM 6:08

BP Oil Company
Environmental Remediation Management
295 SW 41st Street
Renton, Washington 98055-4931
(425) 251-0667
Fax No: (425) 251-0736

September 21, 1998

Alameda County Health Care Services Agency
Attention Ms. Juliet Shin - Hazardous Materials Specialist
1131 Harbor Bay Parkway, STE 250
Alameda, CA 94502-6577

RE: Former BP Oil Site No. 11102
100 McArthur Boulevard (at Oakland)
Oakland, CA

Dear Ms. Shin:

The follows-up our 16 March 1999 meeting and responds to the 5 January 1999 letter from the Alameda County Health Care Services Agency.

At that time, we discussed the following work:

- Sampling wells MW-1 and MW-2 for chlorinated solvents by US EPA Method 8010
- Sampling wells MW-1 and MW-2 for TPH as diesel
- Sampling wells MW-1 and MW-2 for MTBE and other oxygenates by US EPA Method 8260B
- Performing slug tests on all of the monitoring wells to measure hydraulic conductivity and estimate the horizontal rate of groundwater migration
- Identify, locate and map onsite and offsite utilities to assess the potential preferential migration pathways

After our meeting, I learned that the monitoring consultant, Blaine Tech Services sampled the site on 9 March 1999. Regrettably, the quantity of sample collected is not sufficient to perform all of the tests we discussed. There is sufficient sample to perform either the 8010 tests or the 8260 tests, and I elected to perform the 8260 testing. This will include data for 1,1-DCA and 1,2-DCA, however, the detection limits will likely be higher than drinking water MCLs¹. You should expect to see these results in the quarterly monitoring report for the 9 March sampling event.

The site is currently sampled on a semi-annual basis with work performed during March and September. I have asked Blaine Tech to obtain additional samples for 8010 and TPH as diesel testing during the September sampling event. The slug testing and mapping will be

¹ Thanks for your follow-up message confirming the 0.5 ug/l MCL for 1,2-DCA

Alameda County Health Care Services Agency

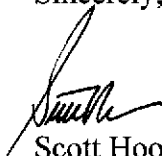
March 19, 1999

Page 2

performed before that time; I expect to forward these results to you sometime within the next eight to twelve weeks.

Please give me a call at (425) 251-0689 if you have any questions or comments.

Sincerely,



Scott Hooton

cc: site file
David DeWitt - Tosco



Tosco Marketing Company
2000 Crow Canyon Place, Ste. 400
San Ramon, California 94583
Telephone: 510-277-2305
Facsimile: 510-277-2361

Environmental Compliance
Department

March 30, 1998

Ms. Pamela J. Evans
Alameda County Health
Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

SUBJECT: BP# 11102
100 MacArthur Blvd.
Oakland, California

Dear Ms. Evans:

In response to your letter of December 19, 1997 and our subsequent phone conversations, we have reviewed site records to determine what modifications may be necessary to bring the site into December 1998 compliance standards. Our records indicate the site is equipped with the following improvements:

- One 12,000 gallon, one 10,000 gallon, one 6,000 gallon fuel tanks and one 1,000 gallon waste oil tank. The tanks are single wall fiberglass material installed in 1982.
- Product lines are single wall fiberglass material installed in 1982.
- Tanks are equipped with 5 gallon spill buckets.

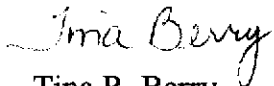
It appears that the above noted equipment currently meets 1998 criteria, provided proper monitoring of the system is in place. At this time it is unknown whether the tanks have overfill protection and whether there is dispenser containment. This will be investigated and documented in future correspondence with you, following identification of the scope of compliance work required by year end.

We have a suggested proposal for actions relating to investigation of MTBE levels in groundwater. In my opinion, current groundwater monitoring and sampling data provided by BP Oil Company do not suggest ongoing releases at this site. However, Tosco is willing to confirm this by following the attached recommended plan, as warranted by site conditions. Specifically, we propose the following:

- 1) By April 30, 1998 review site documentation including maintenance and compliance files to determine whether tank, line and monitor certification are in compliance with industry standards. Additionally, a site inspection will be conducted to verify the presence or absence of overfill protection, dispenser containment and turbine sumps at the station. This will also aid in determining upgrades required to continue station operations following the state's December 22, 1998 upgrade deadline for meeting new operational standards.
- 2) By May 31, 1998, and depending on the findings in action item one (above), Tosco will consider conducting tank, line and monitor testing to certify tightness of the UST system. This will be considered if information obtained during the item one inspection warrants further action and investigation.
- 3) By June 30, 1998, and depending on the findings in action items one and two (above), Tosco will consider proposal of a Phase II site investigation, if appropriate, to identify whether an ongoing release is occurring. This may include the drilling of investigative soil borings near point sources at the site. A work plan outlining a more definitive scope of work targeting defined areas of investigation will be provided to your office by this date.

Results of the action(s) taken above will be documented and reported to you by June 30, 1998. Should you have any questions regarding this letter, please feel welcome to contact me at 925-277-2321.

Sincerely,



Tina R. Berry
Project Manager
Tosco Marketing Company

c: David J. Camille, TMC
Keith Romstad, ERI
File (BP11102:3)

TO: Tina Berry, Tosco
FROM: Keith Romstad, ERI
DATE: March 18, 1998
SUBJECT: BP Service Station #11102, Oakland, California

As per our telephone conversation and the data provided by Tosco, ERI is submitting this document outlining a proposed approach to evaluate potential sources of MTBE. This approach specifically can address the work requested in the letter from Alameda County (dated December 19, 1997) regarding the subject site.

- I) a. Visual Inspections
- Sumps
 - Overspill containment boxes
 - Dispensers and dispenser pans
 - Accessible Piping Trenches/Junction Boxes
- b. Records Review
- Compliance files: tank, line, monitor certifications
 - Maintenance files: repairs and service calls

The purpose of the work is to document existing conditions such as whether containment sumps and dispenser pans have been installed and whether spillage or staining is noted or gasoline or gasoline/water mixtures are present. This work will also determine if service spills or leaks have occurred and to identify potential point sources at the site.

- II) Pressure Test of Tanks and Lines
- Perform pressure test of tanks and lines; this should also include testing of the vent lines.
- III) If the pressure test fails in the lines, a helium test may be performed to locate the source of the failure.
- IV) Based on the results of the above-referenced work, the following options may be implemented:
- Repair or replace the failed section of piping, tank and/or other equipment (if necessary).
 - Coordinate corrective action with activities relating to 1998 upgrades
 - Implement Phase II subsurface investigation which may include hand-auguring or shallow soil borings in suspected source areas of MTBE impact.

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



December 19, 1997

ENVIRONMENTAL HEALTH SERVICES

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

Tina Berry
TOSCO
2000 Crow Canyon Place, Suite 400
San Ramon CA 94583

RE: BP Oil Facility #11102, 100 MacArthur Blvd., Oakland CA 94610 (Our site #1108)

Dear Ms. Berry:

Recently I assumed case review responsibility for the above referenced site from Jennifer Eberle. I have reviewed reports of groundwater monitoring as well as of tank system monitoring. The tank system monitoring reports do not indicate a leak in the tanks or piping. Nonetheless, groundwater monitoring data show that concentrations of methyl tertiary butyl ether (MTBE) have increased in two wells (MW-1 and MW-2). Also, total petroleum hydrocarbons as gasoline (TPHg) have increased in MW-1 and have fluctuated in MW-2. **This letter serves to notify TOSCO and BP that further investigation is required to determine the source of the increasing MTBE and TPHg in groundwater.**

A number of potential sources exist. The tanks are not known to be outfitted with overfill prevention systems or dispenser pans. Hence, a possible cause of the contamination is past and/or ongoing overfilling of the tanks. Other possible sources or contributing factors are leaks at the dispensers, either below ground or from the surface. Also, piping trenches could be acting as conduits from the tank or dispenser areas.

Please submit a work plan to investigate and correct releases of hydrocarbon contamination at the site. At a minimum, your work plan should include steps you will take to investigate the sources outlined above, as well as other sources you may suspect. Please submit your **work plan to this Office by January 19, 1997**. Groundwater monitoring should continue and **should take place during the first and third quarters of the year**, at a minimum.

As you are aware, certain upgrade requirements must be implemented for this tank system by December 22, 1998 if the station is to continue operation. I advise that TOSCO approach the upgrade work in concert with the investigation of the MTBE sources. Due to environmental contamination concerns and to expected intense competition for qualified contractors and proper 1998 upgrade equipment, I advise you to go forward with this project as soon as possible. Depending upon the scope of work planned for the site, the investigation and source removal should be completed within three to six months of my approval of your workplan.

You may contact me with any questions about this letter at (510)567-5770.

Sincerely,

Pamela J. Evans
Senior Hazardous Materials Specialist

C: Leroy Griffin, Oakland Fire Department
Scott Hooten, BP Oil Company, 295 SW 41st St., Renton WA 98055-4931
William Howell, Alisto Engineering Group, 1575 Treat Blvd, Suite 201, Walnut Creek CA

File

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY



DAVID J. KEARS, Agency Director

October 22, 1996
STID 1108
page 1 of 2

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

Attn: Scott Hooton
BP Oil Co.
295 SW 41st St., suite N
Renton WA 98055

RE: BP Oil station #11102, 100 MacArthur Blvd., Oakland CA 94610

Dear Mr. Hooton,

Since my last letter, dated 2/23/93, the following documents have been received in this office:

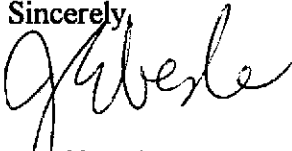
- 1) letter from BP Oil dated 5/18/93, signed by Scott Hooton;
- 2) "Groundwater Monitoring and Sampling Report," prepared by Alisto, dated 8/16/93;
- 3) "Groundwater Monitoring and Sampling Report," prepared by Alisto, dated 1/27/94;
- 4) letter from Tosco Northwest Company, dated 7/12/94;
- 5) "Groundwater Monitoring and Sampling Report," prepared by Alisto, dated 8/18/94;
- 6) "Groundwater Monitoring and Sampling Report," prepared by Alisto, dated 3/10/95;
- 7) "Groundwater Monitoring and Sampling Report," prepared by Alisto, dated 8/2/95; and
- 8) "Groundwater Monitoring and Sampling Report," prepared by Alisto, dated 3/8/96.

It appears that the sampling frequency has been reduced to biannual (twice per year). Since the BTEX concentrations in all wells have decreased to ND for the past two sampling events, this reduction is acceptable. However, standard procedure for biannual sampling is during the first and third quarters. The reason is to accomodate the cyclical hydrological highs and lows. **You are therefore requested to change the sampling schedule from the second and fourth quarters to the first and third quarters.**

If you have any questions, please contact me at 510-567-6700, ext 6761; our fax number is 510-337-9335. **The RWQCB does not need to receive copies of these sampling reports. They have delegated file-keeping responsibilities to the County.**

October 22, 1996
STID 1108
page 2 of 2
Attn: Scott Hooton

Sincerely,



Jennifer Eberle
Hazardous Materials Specialist

cc: Attn: Chester Bennett, Tosco Corp, 3100 Zinfandel Dr., #200, Rancho Cordova CA
95670
Attn: Michele Fear, Mobil Oil Corp, 3225 Gallows Rd., Fairfax VA 22037-0001
Brady Nagle, Alisto Engineering, 1575 Treat Blvd., suite 201, Walnut Creek CA 94598
Jennifer Eberle/file

je.1108

MEMORANDUM

DATE: July 28, 1994

TO: General Haz Mat and LOP staff

FROM: Scott Seery, Brian Oliva (BO)

SUBJ: BP Oil Company settlement and upcoming bimonthly site review meetings

As you are all likely aware, recently the Alameda County District Attorney's Office settled the lawsuit against BP Exploration and Oil Company, Inc., dba BP Oil Company (BP). Stipulations of the settlement include both monetary and compliance elements. One such compliance element is bimonthly site review meetings during which the status of four (4) BP sites will be discussed. Because the breadth of this lawsuit was county-wide, other agencies will be involved with these meetings as well.

Presently, the Alameda County Water District (ACWD) and the cities of Fremont, Newark, Union City and Hayward have been tasked to prioritize the BP cases within their jurisdiction, primarily in terms of *environmental* issues, and secondarily, compliance issues. The ACWD and "Tri-Cities" will prioritize theirs together.

A "master list" of BP sites will then be generated, integrating the aforementioned agencies' lists with a similar list compiled at ACDEH. Once completed, meetings will be scheduled and notifications sent to each involved agency and to each ACDEH specialist so that meeting dates may be calendared well in advance. It is anticipated that approximately 18 months (9 meetings) will be required to review each site.

LOP staff are requested to review the status of each BP case within their districts and provide an update to the information provided earlier in preparation for our first negotiatory meeting with BP held during 1993.

Please make plans to provide this status update to me no later than **Wednesday, August 10**. Please also be prepared to spend a couple of minutes with me (Scott) to discuss each case, where appropriate.

Inspection staff should be aware that, should the anticipated sale of BP stations to Tosco Corporation go through as planned August 1, 1994, you will be dealing with new *corporate* contacts with respect to compliance issues, although the site-specific operators or dealers may remain the same. Your attendance at the upcoming review meetings will not be required in this case. However, should the sale not materialize as planned, you will need to be prepared to attend the scheduled meetings and discuss the compliance status of your sites.

c: TP, AL, EH; Mike O'Connor

MEMORANDUM

DATE: July 19, 1994

TO: Haz Mat Staff

FROM: Brian P. Oliva, BP Oil Co. lead

SUBJ: Sale of B.P. Oil Company

British Petroleum Oil Company has sold, or is about to complete the sale of it's retail service stations to Tosco Corporation. Attached you will find the address correction for future correspondence. Please note for future reference.

Tosco Northwest Company

A Division of Tosco Corporation

3100 Zinfandel Drive, Suite 200

Rancho Cordova, CA 95670

Telephone 916-631-1538

Fax 916-631-1539

JE

Tosco

July 12, 1994

BP Oil
Alameda
→

Mr. George Young
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway
Alameda, CA 94502

Dear George,

Tosco Corporation has entered into an agreement with BP Oil Company to buy their retail service station locations in California, including those stations located in Alameda County as indicated on the attachment. We expect this agreement to be finalized on or about August 1, 1994.

For the purpose of health permits and other environmental license issues (or billing) please provide future correspondence to the following address.

Tosco Corporation
Attn: Mr. Chester Bennett
3100 Zinfandel Drive, Suite 200
Rancho Cordova, CA 95670
(916)631-1538

We appreciate your cooperation and look forward to a long standing relationship with your agency.

Sincerely,

John M. Launchi
John M. Launchi
Tosco Corporation

*Database changed &
NOTES sent out for
all sites.*

Tosco Northwest Company
A Division of Tosco Corporation
3100 Zinfandel Drive, Suite 200
Rancho Cordova, CA 95670
Telephone 916-631-1538
Fax 916-631-1539

Tosco

July 12, 1994

BP Oil
→

Mr. George Young
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway
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Attn: Mr. Chester Bennett
3100 Zinfandel Drive, Suite 200
Rancho Cordova, CA 95670
(916)631-1538

We appreciate your cooperation and look forward to a long standing relationship with your agency.

Sincerely,

John M. Launchi
John M. Launchi
Tosco Corporation

TOSCO CORP. OWNED
BP STATIONS

<u>STORE#</u>	<u>LOCATION</u>	<u>MAILING ADDRESS</u>	<u>CITY</u>	<u>COUNTY</u>	<u>ZIP</u>
11112	W TENNYSON & TAMPA	1109 W TENNYSON RD	HAYWARD	ALAMEDA	94544
11116	VILLAGE AMADOR VALLEY BLVD	7197 VILLAGE PKWY	DUBLIN	ALAMEDA	94566
11120	I-5 & DOUGHERTY	6400 DUBLIN BLVD	DUBLIN	ALAMEDA	94568
11126	CHRISTIE & POWELL	1700 POWELL STREET	EMERYVILLE	ALAMEDA	94608
11128	I-580 & 1ST	4707 1ST ST	LIVERMORE	ALAMEDA	94550
11131	GROVE WAY & FOOTHILL	21494 FOOTHILL BLVD	HAYWARD	ALAMEDA	94541
11134	W. JACKSON & CYPRESS	210 W. JACKSON ST	HAYWARD	ALAMEDA	94544
11267	TENNYSON & CALARGOLA	1974 W TENNYSON RD	HAYWARD	ALAMEDA	94544
01484	486 A ST	486 A ST	HAYWARD	ALAMEDA	94541
11101	ALVARADO & DYER	31901 ALVARADO BLVD	UNION CITY	ALAMEDA	94587
11106	WASHINGTON & WEST 152	15199 WASHINGTON AVE	SAN LEONARDO	ALAMEDA	94579
11107	HESPERIAN & BOCKMAN	18501 HESPERIAN BLVD	SAN LORENZO	ALAMEDA	94580
11113	CEDAR & NEWARK	35425 NEWARK BLVD	NEWARK	ALAMEDA	94560
11114	STEVENSON & BLACOW	4997 STEVENSON BLVD	FREMONT	ALAMEDA	94538
11115	MISSION & WARM SPRINGS	46830 WARM SPRINGS BLVD	FREMONT	ALAMEDA	94538
11125	FREMONT & TAMAYO	35550 FREMONT BLVD	FREMONT	ALAMEDA	94536
11130	MISSION & TENNYSON	28590 MISSION BLVD	HAYWARD	ALAMEDA	94544
11133	BANCROFT & 98TH	2220 98TH AVE	OAKLAND	ALAMEDA	94603
11269	NIMITZ & WHIPPLE	2492 WHIPPLE RD	HAYWARD	ALAMEDA	94544
11102	MACARTHUR & OAKLAND	100 MACARTHUR BLVD	OAKLAND	ALAMEDA	94610
11104	BUENA VISTA & WEBSTER	1716 WEBSTER ST.	ALAMEDA	ALAMEDA	94501
11109	FOOTHILL & HIGH	4280 FOOTHILL BLVD	OAKLAND	ALAMEDA	94601
11117	BANCROFT & 73RD	7210 BANCROFT AVE	OAKLAND	ALAMEDA	94605
11122	98TH & LAS VEGAS	3101 98TH AVE	OAKLAND	ALAMEDA	94605
11124	HIGH & PORTER	3315 HIGH ST	OAKLAND	ALAMEDA	94619
11127	GROVE & 55TH	5425 GROVE ST	OAKLAND	ALAMEDA	94609
11132	I-580 & 35TH AVE.	3201 35TH AVE	OAKLAND	ALAMEDA	94619
11266	LINCOLN & PARK	1541 PARK STREET	ALAMEDA	ALAMEDA	94501
11270	ISLAND & MCCARTNEY	3255 MCCARTNEY RD	ALAMEDA	ALAMEDA	94501
02486	CASTRO VALLEY & STANTON	2504 CASTRO VALLEY BLVD	CASTRO VALLEY	ALAMEDA	94546
02487	"A" & ROYAL	700 W. "A" STREET	HAYWARD	ALAMEDA	94541
11100	MOWRY & ARGONAUT	4190 MOWRY & ARGONAUT	FREMONT	ALAMEDA	94538
11119	ALVARADO-NILES & MARCIA	31300 ALVARADO-NILES BLVD	UNION CITY	ALAMEDA	94587

TANKNOLOGY CORPORATION INTERNATIONAL

5225 Hollister, Houston, Texas 77040-6294

Phone: (713) 690-TANK

Fax: (713) 690-2255

Certificate of Tightness

Service Order # 48147, Test date 3/3/92

Underground storage tank system(s) tested and found tight for.

[] Tank(s) & Piping,
Quan.

[] Tank(s) Only,
Quan.

[] Piping only.
Quan.

Tank Owner/Address B.P. OIL CO., 2868 PROSPECT PARK BLVD. #360, RANCHO CORDOVA, CA 95670-6020

Test Site Address R.P. OIL #11102, 100 MACARTHUR BLVD., OAKLAND, CA 94610

Tank sizes & products tested TANK #1 10K PLUS, TANK #2 12K RUN, TANK #3 6K SUN, TANK #4 1K W/O

Piping Tested LINES: 1A, 2A, 3A

CA #1338-92

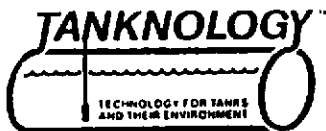
Dan Milligan
Unit Mgr. Signature *RM*

Valid only with
Corporate Seal

Certification # & Expiration Date

U. S. Patent # 4462249, Canadian Patent # 1185693, European Patent Appl. # 169263
TANKNOLOGY & VacuTect are trademarks of TANKNOLOGY CORPORATION INTERNATIONAL

Note: See VacuTect Test Report for tank identification and site location drawing.
Form-Cert.3/89



VacuTect™ TEST REPORT

S.O.# 48147

Customer B.P. OIL CO.

B.P. OIL CO.

Site # 11102

Date 3/3/92

Invoice Name/Address B.P. OIL CO., 2868 PROSPECT PARK BLVD. #360, RANCHO CORDOVA, CA 95670-6020

B.P. OIL CO., 2868 PROSPECT PARK BLVD. #360, RANCHO CORDOVA, CA 95670-6020

Phone 916-631-6915

Site Name/Address B.P. OIL #11102, 100 MACARTHUR BLVD., OAKLAND, CA 94610

B.P. OIL #11102, 100 MACARTHUR BLVD., OAKLAND, CA 94610

Att'n LOUIS PARISI

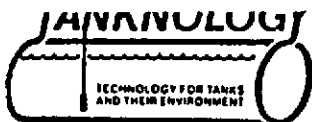
See Dia For Loc	TANKS									LINE					Leak Det		TANKS and LINES Tested to CFR-40 Parts 280-281 & NFPA 329 Specs OTHER: _____	
	Tank #	Tank Product & Gallons	Tank Dia. & Material ST/FRP/Lined	Dipped Water Level ■ START END	Dipped Product Level ■ START END	Probe Water Level ■ START END	Water Ingress Detected ■ Yes/No	Bubbles Ingress Detected ■ Yes/No	Ullage Air Ingress Detected ■ Yes/No	TANK ■ Tight or Fall	Line#	Line Material ST/FRP ■ Delivery Syst. Type PS/SS	LINE TEST ■ START TIME	LINE TEST ■ END TIME	Final Leak Rate ■ GPH	Line ■ Tight or Fall		Exist LD(s) Pass/Fail/ or NONE
1	Product	Diameter	NONE	68	.16	NO	NO	NO	T	1A	Material	09:30	10:00	0	T	PASS		Exist LD SN: 40382-0398
	PLUS	92	NONE	68	.16					1B	FG							New LD SN:
	Gallons	Material	Start Time: 08:49	Percent of Fill at Test Time: 79.6%		Pump Mgr: RED JACKET	1C	Syst. Type	LINE TEST PSI: 50									
	10K	FG	End Time: 10:49	Probe Entry Point: FILL PIPE		TANK TEST PSI: -1.00	1D	PS	Dispenser Shear Valves Operate (yes/no) YES									
2	Product	Diameter	NONE	73	.16	NO	NO	NO	T	2A	Material	10:10	10:40	0	T	PASS		Exist LD SN: 40187-7654
	RUN	92	NONE	73	.16					2B	FG							New LD SN:
	Gallons	Material	Start Time: 08:49	Percent of Fill at Test Time: 85.4%		Pump Mgr: RED JACKET	2C	Syst. Type	LINE TEST PSI: 50									
	12K	FG	End Time: 10:49	Probe Entry Point: FILL PIPE		TANK TEST PSI: -.85	2D	PS	Dispenser Shear Valves Operate (yes/no) YES									
3	Product	Diameter	NONE	73	.16	NO	NO	NO	T	3A	Material	12:00	12:30	0	T	PASS		Exist LD SN: 40382-0492
	SUN	92	NONE	73	.16					3B	FG							New LD SN:
	Gallons	Material	Start Time: 10:59	Percent of Fill at Test Time: 85.7%		Pump Mgr: RED JACKET	3C	Syst. Type	LINE TEST PSI: 50									
	6K	FG	End Time: 12:59	Probe Entry Point: FILL PIPE		TANK TEST PSI: -.80	3D	PS	Dispenser Shear Valves Operate (yes/no) YES									
4	Product	Diameter	NONE	36	.16	NO	NO	NO	T	4A	Material	REMOTE	FILL			NONE		Exist LD SN:
	W/O	48	NONE	36	.16					4B	Material							New LD SN:
	Gallons	Material	Start Time: 13:19	Percent of Fill at Test Time: 75%		Pump Mgr: NONE	4C	Syst. Type	LINE TEST PSI:									
	1K	FG	End Time: 15:19	Probe Entry Point: FILL		TANK TEST PSI: -.80	4D	Material					Dispenser Shear Valves Operate (yes/no)					

TANKNOLOGY Region: 992 Unit # 57 State Lic. # 1338 State CA

Note: Original VacuTect Data recordings are reviewed by Tanknology's Audit Control Department and maintained on file.

4960-F Allison Parkway
Vacaville, CA 95688

(707)446-2494 • (800)826-5837 • FAX(707)446-2495



VacuTect™ TEST REPORT

S.O.# 48147

Customer British Petroleum

Site # 11102

Date 3-3-92

Invoice Name/Address British Petroleum

Phone 916 631 6915

Site Name/Address 100 Mac Arthur Blvd. Oakland, Ca. 94610 Alameda Co.

Att'n: Lou Parisi

See Diag For Loc Tank #	TANKS									LINES					Leak Det		TANKS and LINES Tested to CFR-40 Parts 280-281 & NFPA 329 Spec's. Other: _____	
	Tank Product & Gallons	Tank Dia. & Material ST/FRP/Lined	Dipped Water Level START/END	Dipped Product Level START/END	Probe Water Level START/END	Water Ingress Detected Yes/No	Bubble Ingress Detected Yes/No	Usage Air Ingress Detected Yes/No	TANK Tight or Fail	Line Material ST/FRP/Delivery Syst. Type Psi @ 88	LINE TEST START TIME	LINE TEST END TIME	Final Leak Rate GPH	LINE Tight or Fail	Exist LD(s) Pass/Fail/None	NEW LD(s) Tested & Pass Model		
1	Product Used: Plus	Diameter	NONE	68"	.16					1A	Material	0930	1000	Ø	T	P A S S	N O	Exist LD SN: 40382-0398
		Gallons	10K	Material	FG	Start Time: 0849	Percent of Fill at Test Time: 79.6%	Pump Mgr: RJ	TANK TEST PSI: 1.00	1B	Material	FG						
					End Time: 1049	Probe Entry Point: FILL PIPE -1.5			1C	Syst. Type								LINE TEST PSI 50
									1D	Syst. Type	PS							Dispenser Shear Valves Operate (yes/no): YES
2	Product Req. Used:	Diameter	NONE	73"	.16					2A	Material	1010	1040	Ø	T	P A S S	N O	Exist LD SN: 40187-7654
		Gallons	12K	Material	FG	Start Time: 0849	Percent of Fill at Test Time: 85.4%	Pump Mgr: RJ	TANK TEST PSI: .85	2B	Material	FG						
					End Time: 1049	Probe Entry Point: FILL PIPE -1.5			2C	Syst. Type								LINE TEST PSI 50
									2D	Syst. Type	PS							Dispenser Shear Valves Operate (yes/no): YES
3	Product SUP. UNL.	Diameter	NONE	73"	.16					3A	Material	1200	1230	Ø	T	P A S S	N O	Exist LD SN: 40382-0492
		Gallons	6K	Material	FG	Start Time: 1059	Percent of Fill at Test Time: 85.7%	Pump Mgr: RJ	TANK TEST PSI: .80	3B	Material	FG						
					End Time: 1259	Probe Entry Point: FILL PIPE -1.5			3C	Syst. Type								LINE TEST PSI 50
									3D	Syst. Type	PS							Dispenser Shear Valves Operate (yes/no): YES
4	Product W/O	Diameter	NONE	36"	.16					4A	Material	Remote				N O N C	N O	Exist LD SN: N/A
		Gallons	1K	Material	FG	Start Time: 1319	Percent of Fill at Test Time: 75%	Pump Mgr: NONE	TANK TEST PSI: .80	4B	Material	N/A	FILL LINE					
					End Time: 1519	Probe Entry Point: FILL -.7			4C	Syst. Type		TESTED WITH						LINE TEST PSI N/A
									4D	Syst. Type	N/A	TANK						Dispenser Shear Valves Operate (yes/no): N/A

TANKNOLOGY Region: 992 Unit # 57 State Lic.# 1338 State: CA.

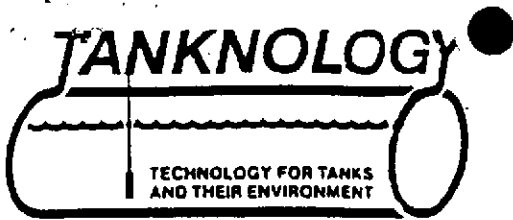
Tanknology Corporation International

4960-F Allison Parkway

Vacaville, CA 95688

NOTE: Original VacuTect Data recordings are reviewed by Tanknology's Audit Control Department and maintained on file.

(707) 446-2494 • (800) 826-5837 • FAX (707) 446-2495



LINE TEST LOG

S.O.# 48147

Customer B.P.

Date 3-3-92

100 MACARTHUR BLVD. OAKLAND, CA. 94610

Tank No. 1 Line No. 1A Product UNL. PLUS

Piping Material FG Test Pressure 50 psi Calib. Multiplier .00549

COMPRESSION| Zero Pres. Level 23.0 Test Pres. Level 22.6
 TEST : LEVEL Δ 4 Volume Δ .002196

LINE TEST

Mil. Time	Reading #	Level	Level Δ	Volume Δ	Projected G.P.H. Δ
0930	Start	22.6	22.6	0.000000	0.000000
0940	1	22.5	1	.000549	.003294
0950	2	22.5	0	0	0
1000	3	22.5	0	0	0
	4				
	5				
	6				

FINAL LINE TIGHTNESS RATE: 0, FAIL [] or PASS []
 Comments:

Tank No. 2 Line No. 2A Product REG. UNL

Piping Material FG Test Pressure 50 psi Calib. Multiplier .00549

COMPRESSION| Zero Pres. Level 22.8 Test Pres. Level 22.2
 TEST : LEVEL Δ 6 Volume Δ .003294

LINE TEST

Mil. Time	Reading #	Level	Level Δ	Volume Δ	Projected G.P.H. Δ
1010	Start	22.2	22.2	0.000000	0.000000
1020	1	22.0	2	.001098	.006588
1030	2	22.0	0	0	0
1040	3	22.0	0	0	0
	4				
	5				
	6				

FINAL LINE TIGHTNESS RATE: 0, FAIL [] or PASS []
 Comments:

LOP - RECORD CHANGE REQUEST FORM

printed:
06/21/93

Mark Out What Needs Changing and Hand to LOP Data Entry
(Name/Address changes go to Annual Programs Data Entry)

AGENCY # : 10000 SOURCE OF FUNDS: F SUBSTANCE: 12035
 StID : 1108
 SITE NAME: BP Oil Co. Site #11102 DATE REPORTED : 09/19/88
 ADDRESS : 100 MacArthur Blvd. DATE CONFIRMED:
 CITY/ZIP : Oakland 94610 MULTIPLE RPs : N

SITE STATUS

CASE TYPE: G CONTRACT STATUS: 4 EMERGENCY RESP:
 RP SEARCH: S DATE COMPLETED: 04/06/92
 PRELIMINARY ASMNT: U DATE UNDERWAY: 07/01/91 DATE COMPLETED:
 REM INVESTIGATION: DATE UNDERWAY: DATE COMPLETED:
 REMEDIAL ACTION: DATE UNDERWAY: DATE COMPLETED:
 POST REMED ACT MON: DATE UNDERWAY: DATE COMPLETED:
 ENFORCEMENT ACTION TYPE: 1 DATE ENFORCEMENT ACTION TAKEN: 11/04/92
 LUFT FIELD MANUAL CONSID: 3HSWG
 CASE CLOSED: DATE CASE CLOSED:
 DATE EXCAVATION STARTED : 09/19/88 REMEDIAL ACTIONS TAKEN:

RESPONSIBLE PARTY INFORMATION

RP#1-CONTACT NAME: Scott Hooton
 COMPANY NAME: B P Oil Co.
 ADDRESS: 16400 So Center Pkwy #301
 CITY/STATE: Tukwila, W A 98188

INSPECTOR VERIFICATION:

NAME _____ SIGNATURE _____ DATE _____

DATA ENTRY INPUT:

Name/Address Changes Only			Case Progress Changes	
ANNPCMS _____	LOP _____	DATE _____	LOP _____	DATE _____



BP OIL

BP Oil Company
16400 Southcenter Parkway, Suite 301
Tukwila, Washington 98188
(206) 575-4077

May 18, 1993

Alameda County Health Care Services Agency
Attention Ms. Jennifer Eberle - Hazardous Materials Specialist
80 Swan Way, Room 200
Oakland, CA 94621

RE: BP Oil Site No. 11102
STID 1108
100 MacArthur Boulevard
Oakland, CA

Dear Ms. Eberle:

I am taking this opportunity to respond to some of the concerns you raised in your February 23, 1993 letter, which responded to our January 26, 1993 request for case closure. Our request was based on prior monitoring data, the occurrence of elevated concentrations of fuel constituents upgradient of potential on-site source areas, and local usage of groundwater. You will recall that this case was opened in late 1988 after a used-oil tank was removed. Total oil and grease (TOG) was detected in closure samples at concentrations as high as 65,000 ppm. Based upon this finding, the Alameda County Department of Health Services requested an investigation to assess the impact of the release. While TOG was not detected in any of the soil samples subsequently collected, benzene, toluene and 1,2-dichloroethane were detected in one of the groundwater samples (Alton Geoscience, Inc., Preliminary Site Investigation Report, December 20, 1989).

I understand that our request was denied because: 1) investigation has not been performed along the upgradient property boundary; and, 2) BP has not identified the off-site source of contamination. You should note that a retaining wall is located to the rear of the facility, and that MW-1 is located very near the retaining wall. While the retaining wall is not shown in Alisto's reports, it is clearly shown in the previously submitted reports prepared by Alton. Indeed, the figures shown in Alisto's reports show an open area approximately 40 feet in width behind the station building, however, these figures do not show the retaining wall or the embankment. Given these access limitations, we believe that this well was installed as near the northeast property line as is practicable.

We must also decline your request to investigate off-site sources(s) of contamination, because this request is not related to the documented release from the used-oil tank at the site. We believe that the burden to identify off-site sources of

contamination properly rests with the government agency charged with regulating unauthorized releases, not with BP Oil.

I appreciate your mention of a perceived discrepancy in paragraph 2 of my 1/26/93 letter. In that letter, I referenced the benzene MCL (5 ppb) codified in the Safe Drinking Water Act (40 CFR 141.61). By definition, the Safe Drinking Water Act MCL is the concentration below which no known adverse health effects are known to occur in normal adults, assuming that two liters of water are consumed each day during a 70-year lifespan. While I recognize that the State of California Department of Health Services has adopted a benzene MCL of one ppb, it is reasonable to conclude that exposure scenario upon which either MCL is based will not occur at this site. After all, there are no domestic or municipal wells in the area, and the City of Oakland obtains water from a distant source. I referenced the MCL's to provide a highly conservative context to compare the monitoring results, not as a cleanup standard, or a technically justifiable basis for further investigation.

As the California Regional Water Quality Board has recently amended the Basin Plan to establish closure standards with an appropriate degree of flexibility, we are hereby resubmitting our request for site closure. Please give me a call at your convenience so that we can discuss this matter further. I can be reached at (206) 394-5243.

Sincerely,



Scott T. Hooton
Environmental Resources Management

attachment

cc: site file

Date: April 9, 1993
 To: Scot Seery
 From: Dennis Byrne
 Subject: BP sites

This is a list of all the BP sites in the County. Clearly, all of them are not undergoing assessments or remediation efforts, but I believe a number of these facilities are on the LOP list. On April 14th and 15th I'd like to come by and review with the pertinent specialist any BP sites within the LOP program. My goal is to come away with details regarding the levels of contamination discovered, the timeliness and adequacy of follow-up actions taken, and the specialist's view regarding BP's commitment to doing the right thing. If this time is inconvenient or insufficient for anyone I'll arrange to come back again and again until I get what I want. Resistance is Futile!

Station No.	Location	Admin. Agency
ALAMEDA		
11220	3255 MacCartney Rd.	Haz Mat
11104	1716 Webster St.	" "
	1310 Central	" "
11266	1541 Park St.	" "
CASTRO VALLEY		
2486	2504 Castro Valley Blvd.	Haz Mat
11105	3519 Castro Valley Blvd.	" "
DUBLIN		
11116	7197 Village Parkway	Haz Mat
11120	6400 Dublin Blvd.	" "
EMERYVILLE		
11126	1700 Powell St.	Haz Mat
HAYWARD		
11269	2492 Whipple Rd.	Hayward Fire/ ACWD
	1974 W. Tennyson Rd.	Hayward Fire
	1109 W. Tennyson Rd.	" " "
	282590 Mission Blvd.	" " "
11131	21494 Foothill Blvd.	" " "

Station No.	Location	Admin. Agency
	700 W. A St.	" " "
PREMONT		
11100	4190 Mowry Ave.	Fremont Fire/ ACWD
11268	37360 Blacow Rd.	"
1114	49997 Stevenson	"
11125	35550 Fremont Blvd.	"
1115	46840 Warm Springs Rd.	"
LIVERMORE		
	20008 First St.	Livermore Fire
	4707 First St.	Livermore Fire / Haz Mat
NEWARK		
	35425 Newark Blvd.	Newark Fire
OAKLAND		
11132	<i>SH</i> 3201 35th Ave.	Haz Mat
11102	100 MacArthur Blvd. <i>JE</i>	" "
11117	<i>JM</i> 7210 Bancroft Ave.	" "
11133	2216 98th Ave.	" "
11124	3315 High St.	" "
11127	<i>SH</i> Martin Luther King Wy.	" "
11109	4280 Foothill Blvd.	" "
11122	3101 98th Ave.	" "
SAN LEANDRO		
11106	15199 Washington St.	Haz Mat
SAN LEANDRO		
11106	18501 Hesperian	Haz Mat
UNION CITY		
1119	31300 Alvarado Niles Rd.	Union City / ACWD
11101	31901 Alvarado Blvd.	" " "

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

February 23, 1993
STID 1108

Scott Hooton
BP Oil Co.
Environmental Resource Mgmt
16400 Southcenter Parkway, Suite 301
Tukwila WA 98188

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

RE: BP Oil Site #11102
100 MacArthur Blvd.
Oakland CA

Dear Mr. Hooton,

We are in receipt of your letter dated 1/26/93, and the accompanying "Groundwater Monitoring and Sampling Report," prepared by Alisto, dated 1/6/93. As you know, this report documents the sampling and monitoring of three groundwater wells on 11/11/92. The highest concentrations of contaminants are as follows: 260 ppb TPH-g, 92 ppb TPH-d, and 30 ppb benzene (MW1).

Your letter requests case closure, based on the belief that the source of groundwater contamination is upgradient and offsite. We would consider this request valid if there was supporting evidence, which could be in the form of additional investigations along your (onsite) property border, plus identification of the source of contamination. This would avoid drilling on Oakland Ave., which was one of your stated concerns. I would also like to note a discrepancy with paragraph 2 of your 1/26/93 letter. It states that the MCL for benzene was only exceeded once in MW2 and MW3, on 7/30/90. A review of the data indicate that the MCL was exceeded on 7/22/92 (1.3 ppb) and also on 11/11/92 (2.8 ppb), both times in MW2.

Therefore, we regret to deny your request for case closure, until you have determined the source of contamination in a manner that meets the approval of the County. In the meanwhile, you are required to continue quarterly monitoring and sampling of groundwater. **This means that the next quarterly event should be scheduled for the first quarter 1993.** If you have any questions, please contact me at 510-271-4530.

Sincerely,

Jennifer Eberle
Hazardous Materials Specialist

Scott Hooton
STID 1108
February 23, 1993
page 2 of 2

cc: Brady Nagle, Alisto Engineering Group, 1000 Burnett Ave.,
Suite 420, Concord CA
Michele Fear, Mobil Oil Corp., 3225 Gallows Rd., Fairfax VA
22037-0001
Rich Hiatt, RWQCB
Ed Howell/File *EH*

je



BP OIL

BP Oil Company
200 Public Square
Cleveland, Ohio 44114-2375
(216) 586-4141

January 26, 1993

Alameda County Health Care Services Agency
Attention Ms. Jennifer Eberle
80 Swan Way, Room 350
Oakland, CA 94621

California Regional Water Quality Control Board
Attention Mr. Richard Heitt
San Francisco Bay Region
2101 Webster Street, Suite 500
Oakland, CA 94612

1108

RE: BP Oil Site No. 11102
100 MacArthur Boulevard
Oakland, CA

Ladies and Gentlemen:

Attached please find a report describing groundwater monitoring activities at the referenced location.

why?
The results of groundwater monitoring indicate that concentrations of fuel constituents in downgradient wells MW-2 and MW-3 are very low. In fact, analytical results indicate that Safe Drinking Water Act Maximum Contaminant Levels (MCL's) have been exceeded on only one occasion (6.5 parts per billion benzene in MW-2 on 07/30/90). The analytical results for MW-1, located upgradient of potential on-site source areas, have increased by as many as two orders-of-magnitude since the initiation of monitoring efforts, + 1.3 ppb on 7-22-92, + 2.8 ppb on 11-11-92.

As you will recall, the removal of a used-oil tank in September, 1988, prompted this investigation. Closure sample results indicated the presence of total oil and grease, with concentrations as high as 64,000 parts per million. In order to assess the impact of this release on groundwater, three monitoring wells were installed. During three years of monitoring, oil and grease has been detected in groundwater on only one occasion, during March, 1991. This appears to be an isolated incident.

The presence of aromatic fuel constituents in upgradient well MW-1 prompted Mobil Oil Corp. to evaluate the feasibility of installing additional upgradient wells in order to identify potential off-site source(s). This activity was not performed due to access limitations; Oakland Avenue is very steep, and the

freeway is across MacArthur Boulevard. At considerable added expense, monitoring the on-site impact of potential off-site sources has continued. In aggregate, monitoring results indicate that the release is not associated with a release from an on-site source. Since there are no domestic wells or municipal wells in the region, and since Oakland obtains municipal water from a distant source, it does not appear that a release would impact any domestic water supply source. Accordingly, we believe that no further work is necessary or warranted, and we hereby request case closure. We trust that you will find this acceptable.

If you have any further questions or concerns, please give me a call at your convenience. My direct dial extension is (206) 58-8349.

Sincerely,



Scott T. Hooton
Environmental Resources Management

attachment

cc: Brady Nagle - ALISTO
Michele Fear - Mobil Oil Corp
site file



BP OIL

Brian -
See me about this
Tom

BP Oil Company
16400 Southcenter Parkway, Suite 301
Tukwila, Washington 98188
(206) 575-4077

921031-8 7:31

October 19, 1992

Alameda County Dept. of Environmental Health
Haz. Material Division
80 Swan, Room 200
Oakland, CA 94521

RE: ADDRESS CHANGE

BP Oil would like to introduce Scott Hooton as our new Environmental Resource Manager. Scott is replacing Peter DeSantis who has left the company.

Please note the following address and phone number for:

**SCOTT HOOTON
BP OIL COMPANY
ENVIRONMENTAL RESOURCE MANAGEMENT
16400 SOUTHCENTER PARKWAY, SUITE 301
TUKWILA, WA 98188**

(206) 394-5243

Respectfully,

Victoria L. Marx

Victoria L. Marx
Environmental Secretary
(206) 394-5246

Mobil Oil Corporation

3225 GALLOWS ROAD
FAIRFAX, VIRGINIA 22037-0001

92 AUG 20 11 09 AM

August 20, 1992

Ms. Jenifer Eberly
Alameda County Environmental Health Dept.
Hazardous Materials Division
80 Swan Way, Room 200
Oakland, California 94621

Environmental Project Management Transfer

Dear Ms. Eberly:

In accordance with the terms and conditions of the sales agreement between Mobil Oil and BP Oil, BP will now assume management of environmental projects at the following BP service stations under your jurisdiction:

<u>Mobil#</u>	<u>Address</u>
04-E6A	100 MacArthur Blvd., Oakland, CA

Accordingly, all future correspondence should be addressed to:

BP Oil Company
Northwest Division
Attn: Peter J. DeSantis
Southcenter Place Building
16400 Southcenter Parkway, Suite 301
Tukwila, WA 98188

Phone: (206)394-5243

In order to ensure a smooth transition, Mobil has already communicated with BP, and we are currently forwarding all data, reports, and correspondence to BP, along with a synopsis of all environmental requirements.

Furthermore, in an effort to monitor BP's progress at our former stations, we would appreciate receiving copies of all future correspondence sent by you to BP. Should you have any questions, feel free to contact me at 1-800-227-0707 extension 5316.

Sincerely,

Michele A. Fear
Michele A. Fear
Environmental Monitor
Analyst



Environmental
Awareness

cc: Mr. Donald Dalke - RWQCB - San Francisco Bay Region
2101 Webster Street, Suite 500
Oakland, California 94612

bcc: David J. Baker
Peter J. DeSantis
D. J. Hill
T. M. Milton
J. G. Schoepf

Mobil Oil Corporation

3225 GALLOWS ROAD
FAIRFAX, VIRGINIA 22037-0001

92 AUG 11 11:21 24

August 18, 1992

Ms. Jenifer Eberly
Alameda County Environmental Health Dept.
Hazardous Materials Division
80 Swan Way, Room 200
Oakland, California 94621

**FORMER MOBIL STATION 04-E6A
100 MACARTHUR BOULEVARD
OAKLAND, CALIFORNIA**

Dear Ms. Eberly:

Per your request, attached is a copy of the manifest for the above reference location.

Should you have any further questions, please call me at 1-800-227-0707 extension 5316.

Sincerely,

Michele A. Fear

Michele A. Fear
Environmental Monitoring
Analyst

enclosure:

cc: Mr. Donald Dalke - RWQCB- San Francisco Bay Region
2101 Webster Street, Suite 500
Oakland, California 94612

P. DeSantis - BP Oil- Northwest Division- Southcenter Pl Bldg-
16400 Southcenter Pkwy, Suite 301; Tukwila, WA 98188

D. J. Hill - Mobil Environmental Field Supervisor
J. G. Schoepf - Mobil Environmental Monitoring Supervisor



Environmental
Awareness

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7650

GENERATOR

TRANSPORTER

FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		Generator's US EPA ID No. CAC00006758010001	Manifest Document No. 10001	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address Mobil Oil Corporation (10 E 6A) P.O. Box 127 Richmond CA 94807			A. State Manifest Document Number 88065459		
4. Generator's Phone (415) 982 237-9226			B. State Generator's ID H A HQ360090911		
5. Transporter 1 Company Name N.G. Chemical Inc		6. US EPA ID Number CAD980605896		C. State Transporter's ID 100399	
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone 805 9250391	
9. Designated Facility Name and Site Address CASMAILA RESOURCES NTU ROAD CASMAILA, CALIF 93429			10. US EPA ID Number FAD020748125		E. State Transporter's ID
			G. State Facility's ID CAD020748125		F. Transporter's Phone
			H. Facility's Phone (805) 937-8449		
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers No.	13. Total Quantity	14. Unit Wt/Vol	1. Waste No.
a. CALIFORNIA REGULATED WASTE ONLY					State 611
Soil CONTAMINATED WITH OIL		00,1	00,1	00,1	EPA/Other At Only
b.					State
c.					EPA/Other
d.					State
J. Additional Descriptions for Materials Listed Above A 99% Soil 1% Oil			K. Handling Codes for Wastes Listed Above a. 06		
15. Special Handling Instructions and Additional Information Please Bill: N G CHEMICAL, INC., Santa Maria, Ca. 93455 *WEAR APPROPRIATE SAFETY GEAR					
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 Thomas Gibbons		Signature Thomas Gibbons		Month Day Year 11/18/88	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name VESTER CHRIS		Signature Vester Chris		Month Day Year 11/18/88	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space 77745					
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name Casmalia Resources		Signature Casmalia Resources		Month Day Year 11/18/88	

WEIGHMASTER CERTIFICATE

I CERTIFY THAT THE FOLLOWING DESCRIBED COMMODITY WAS WEIGHED, MEASURED, OR COUNTED BY ME OR UNDER MY SUPERVISION. MY SIGNATURE IS ON THIS CERTIFICATE AND IS A SIGNATURE AUTHORITY OF THE STATE OF CALIFORNIA AS PROVIDED BY CHAPTER 7, COMMERCIAL VEHICLE REGULATION DIVISION 3 OF THE COMMERCIAL VEHICLE REGULATION CODE ADMINISTERED BY THE DIVISION OF MEASUREMENT AND WEIGHTS, CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE.

WEIGHED AT: W.T.U. ROAD, CASMALIA, CA

WEIGHT IN POUNDS:

52020 LB GROSS 9:40AM
38460 LB TARE
13560 LB NET 777 yds.

678 tons

88 INBOUND

52020 LB @ 23AM 11-19-88

BY: CASMALIA RESOURCES

WEIGHMASTER

DEPUTY [Signature]

DRIVER [Signature]

CLASS LS SPR

HAZARDOUS NON-HAZARDOUS

CASMALIA RESOURCES

P.O. BOX 5275 • SANTA BARBARA, CA 93103 • PHONE (805) 966-5297

11088

GENERATOR [Signature]

TRANSPORTER N.G.

BILLED TO _____

POINT OF ORIGIN [Signature]

WASHOUT: YES _____ NO X

MANIFEST # 7806419

TRUCK LIC. #'S 3D18311
TRAILER LIC. #'S 111-211
APPOINTMENT NUMBER _____

FOR OFFICE USE ONLY

- 1. _____ @ _____
 - 2. _____ @ _____
 - 3. _____
 - 4. WASHOUT _____
 - 5. Hazardous Waste Fee _____ TONS @ _____
 - 6. SUPERFUND _____
 - 7. S. B. COUNTY TAX _____
- TOTAL \$ _____

Mobil Oil Corporation

3225 GALLOWS ROAD
FAIRFAX, VIRGINIA 22037-0001

August 10, 1992

Ms. Jenifer Eberly
Alameda County Environmental Health Dept.
Hazardous Materials Division
80 Swan Way, Room 200
Oakland, California 94621

1108
94610

**FORMER MOBIL STATION 04-E6A
100 MACARTHUR BOULEVARD
OAKLAND, CALIFORNIA**

Dear Ms. Eberly:

Per your request, attached are the Underground Storage Tank
Unauthorized release form, Order to Contractor contract for soil
removal, and invoice for disposal of soil.

Should you have any further questions, please call me at
1-800-227-0707 extension 5316.

Sincerely,

Michele A. Fear
Michele A. Fear
Environmental Monitoring
Analyst

enclosure:

92 AUG 14 PM 1:13

(6/26/92)

LIST OF BP OIL SITES WITH UGT CLEANUP

<u>STID#</u>	<u>ACHD CONTACT</u>	<u>BP FACILITY#</u>	<u>ADDRESS</u>
1 3723	Juliet Shin	Station 11104	1716 Webster Street Alameda 94501 ✓
2 624	Juliet Shin	Station 11126	1541 Park Street Alameda 94501 ✓
3 1809	Eva Chu	Station 11128	4707 First Street Livermore 94550 ✓
4 2043	Eva Chu	Station 11116	7197 Village Parkway Dublin 94568 ✓
5 102	Barney Chan	Station 11109	4280 Foothill Blvd. Oakland 94601 ✓
6 3878	Susan Hugo	Station 11132	3201 35th Avenue Oakland 94619 ✓
7 3877	Barney Chan	Station 11133	2220 98th Avenue Oakland 94603 ✓
8 3105	Susan Hugo	Station 11127	5425 Martin Luther King Oakland 94609 ✓
9 1108	Jennifer Eberle	Station 11102	100 MacArthur Blvd. Oakland 94610 ✓
10 1075	Susan Hugo	Station 11124	3315 High Street Oakland 94619 ✓
11 4050	Susan Hugo	Station 11126	1700 Powell Street Emeryville 94608

same station #'s?

Hydro Env Tech.
Marcus Niebanck
he has 4 of these sites.
(not mine)

Markus Niebanck
Regional Manager

2363 Mariner Square Drive
Suite 243
Alameda, CA 94501
Tel 510-521-2684
Fax 510-521-5078

1-800-347-HETI
Massachusetts
New York

sh

**HYDRO
ENVIRONMENTAL
TECHNOLOGIES, INC.**

MEMORANDUM

DATE: June 17, 1992
TO: LOP Staff
FROM: Brian, BP Oil Lead
SUBJ: BP LOP Sites

Brian - 3 pts:

On June 26, at 9:00 o'clock, there will be a meeting with BP Oil people and their consultants concerning the progress of the remediation at the sites that have been transferred to the LOP program. At this time we must indicate to BP Oil the specific actions that they should undertake for the proper remediation of the sites. Please plan to meet with me prior to the June 26th meeting to discuss the sites. There are approximately eight (8) sites that have been transferred to the LOP program. I have the files (or as much files as I could find for the sites), and have been working on them. This is an extremely important meeting, according to Mark Thomson from the DA's office and preparation is essential. I will try and meet with the concerned LOP people on Friday June 19, to begin discussing the sites.

When?

I have sampling in am.

Thanks,

Brian Bus

① Are (former) Mobil stations included?

② We need the files! I was told you have them. I have never seen it before.

JE has 100 MacArthur Blvd, Oak
ST7D 1108

I need the file.

JE.

not. letters?

what do we require of them? schedule?

cc: brian

Mark Thomson

Mobil spy to pay for remed. '89-'94

~~EOP list - BP or Mobil?~~

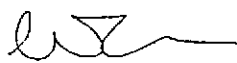
Yh 3:00

4/13/92

BRIAN - Here are stop # for BP stations

	<u>Address</u>	<u>stop #</u>		
FP 1	4250 Foothill Blvd, Oak	1092 ✓	SH	94601
FP 2	2220 - 98th Av. Oak	3877 ✓	SH	94603
FP 3	3201 - 35th Av Oak	3878 ✓	SH	94603
4	100 MacArthur, Oak	1108	SH	94610
5	2504 Castro Valley Blvd, CV	1252 ✓	SH	
6	5425 MLK Jr. Oak	3105 ✓	SH	94609
7	4207 - 1st St. Livermore	1809 ✓		
8	1541 PARK ALAMEDA	624		

JE



FP = free product.

4/13/92

BRIAN - Here are STID# for BP stations

<u>Address</u>	<u>STID#</u>
4280 Foothill Blvd, Oak	102 ✓
2220 - 98th Av. Oak	3877 ✓
3201 - 35th Av Oak	3878 ✓
100 MacArthur, Oak	1108
2504 Castro Valley Blvd, CV	1252 ✓
5425 MLK Jr. Oak	3105 ✓
4707 - 1st St. Livermore	1809 ✓
1541 PARK ALB	624



Handwritten initials: JG

MEMORANDUM

DATE: March 23, 1992
TO : Mark Thomson
FROM: Brian P. Oliva, HMS
SUBJ: BP Oil Co Meeting/ Order of sites

The sites will be dealt with in the following order:

- SH* — 1) BP Oil # 11132 -----3201 35th Ave., Oakland
- JE* (2) BP Oil # 11102 -----100 MacArthur, Oakland
- SCOTT* { 3) BP Oil # 2486 -----2504 Castro Valley Blvd, C V
- 4) BP Oil # 11117 -----7210 Bancroft, Oakland
- B.C.* 5) BP Oil # 11133 -----2220 98th Ave., Oakland
- SH* — 6) BP Oil # 11124 -----3315 High Street, Oakland
- Juliet* — 7) BP Oil # 11266 -----1541 Park St., Oakland
- SH* — 8) BP Oil # 11127 -----M.L.K. Way, Oakland
- EVA* — 9) BP Oil # 11116 -----7197 Village Parkway, Dublin
- Scott?* 10) BP Oil # 11128 -----4707 First St., Livermore
- B.C.* 11) BP Oil # 11109 -----4280 Foothill Blvd, Oakland

The top 11 are Site Remediation cases of sorts

- 12) BP Oil # 11270 -----3255 McCartney Road, Alameda
- 13) BP Oil # 11107 -----18501 Hesperian, San Lorenzo
- 14) BP Oil # 11126 -----1700 Powell St., Emeryville
- 15) BP Oil # 11122 -----3101 98th Ave., Oakland
- 16) BP Oil # 11105 -----3519 Castro Valley Blvd, C V
- 17) BP Oil # 11106 -----15199 Washington, San Leandro
- Juliet* — 18) BP Oil # 11104 -----1716 Webster St., Alameda
- 19) BP Oil # 11120 -----6400 Dublin Blvd, Dublin
- 20) BP Oil # _____ -----1310 Central, Alameda



ALAMEDA COUNTY - ENVIRONMENTAL HEALTH - HAZARDOUS MATERIALS DIVISION

MEMORANDUM

DATE: March 9, 1992
TO : file
FROM: Brian P. Oliva
SUBJ: Inspection/Violations of BP Oil Facility #11102, 100 MacArthur Blvd., Oakland, 94610

On investigation of the facility on March 9, 1992, the following violations were noted at the site:

- 1) There was not a valid HMMP for the facility, the previously submitted HMMP was out of date.
- 2) There were no records/manifests of Hazardous Wastes removed from the site that were generated from the above facility including: waste oil, waste oil filters, waste anti-freeze, waste solvent, waste batteries.
- 3) There were no labels for the hazardous waste generated at the facility.
- 4) There was no EPA generator number made available to this office during the course of inspection.
- 5) There was no accumulation number for the Hazardous Wastes and stored at the facility.
- 6) There was no permit for the USTs at the facility. (The information requested to allow for the permitting for the USTs was not complete.*
- 7) The waste oil tank on premises did not have a monitoring system for the interstitial space. (sensor system)
- 8) The plan for qualitative monitoring of the tanks (metering) was not being followed. (According to the owner, it was being measured weekly. The monitoring plan calls for daily measurements).*

Note* The last two violations were to be addressed previously as requested by Young Fong from this office in an inspection dating from July 23, 1991.

NOTE: THIS IS A MOBIL OIL CONTROLLED SITE

still Mobil

Site Mitigation:

A 280 gallon Waste Oil tank was removed September of 1988 with the sampled backfill analysis of 65,000 ppm Total Oil and Grease. in comp. of SP

Alameda Co. then requested an investigation .

Ms

During the soil/groundwater investigation, TPHg, was discovered in the soil along with Halogenated VOCs. ^{+TOG} (not)

In Monitoring well #2 the groundwater had Benzene above levels tolerated by the State DOHS (at 6.5ppb). ^{6.5ppb MW 2} ~~35ppb benzene~~

In August 1991, 370 ppb TPHg and 35ppb were found in MW #1, indicating that there is a release problem at the site that heretofore has not as yet been addressed.

- (4) was the soil overex? ^{NO} doc? disposal site?
- ① confirm pts. + lky ✓ Oakland Av.
- ② is site operating? ✓ yes
- (3) get other reports, to ✓ gradient. esp. 12-30-89
(quarterly, etc.) ✓ Alton Geoscience
- (2) need ULR ✓
- ① just keep monitoring

added to file 8-5-94 by JE

Mobil Oil Corporation

3800 WEST ALAMEDA AVENUE, SUITE 700
BURBANK, CALIFORNIA 91505-4331

91 APR 24 AM 10:10

April 19, 1991

Mr. Rafat Shahid
Alameda County
Health Care Services
80 Swan Way, Room 200
Oakland, CA 94621

MOBIL OIL CORPORATION
FORMER S/S 10-E6A
100 MacARTHUR BOULEVARD
OAKLAND, CALIFORNIA
BP S/S 11102

Dear Mr. Shahid:

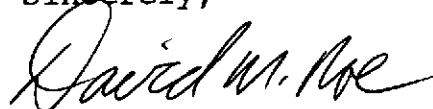
Enclosed for your information is the Quarterly Status Report, dated April 8, 1991, for subject location. The report covers work done for the quarter ending March 1991.

For your information, Ed Hoepker is now the project manager for this project. Ed can be reached at:

836B Southampton, #300
Benicia, CA 94510-1907
(707) 745-6160

If you have any questions, please feel free to contact me at (818) 953-2519.

Sincerely,


David M. Noe, P.E.
GW Projects Engineer

DMN/st
enclosure

cc: Mr. Lester Feldman (w/ enclosure)
RWQCB - S.F. Bay Region
1800 Harrison Street, Room 700
Oakland, CA 94612

Mr. Peter DeSantis (w/ enclosure)
BP Oil Company
2868 Prospect Park Drive, Suite 360
Rancho Cordova, CA 95670-6020

E. M. Hoepker - Benicia (w/o)

MOBIL OIL CORPORATION
ENVIRONMENTAL PROJECT
QUARTERLY STATUS REPORT

Date Report Submitted: April 8, 1991
Quarter Ending: March 1991

MOBIL Station No.: 10-E6A
Address: 100 MacArthur Ave, Oakland, California

County: Alameda

MOBIL Contact: Ed Hoepker

Tel.No.: (707) 745-6160

Background:

In September 1988, a waste oil tank was removed. Soil sample analysis detected up to 64,000 ppm of TOG. Alton Geoscience installed three monitoring wells in October 1989. Soil samples collected during well installation were analyzed and found to contain no detectable levels of TPH. Initial water samples from the wells contained no detectable TPH, however benzene was detected at concentrations up to 6.5 ppb.

Summary of this Quarter's Activities:

One round of ground water pumpout, monitoring, and sampling.

Result of Quarterly Monitoring:

Results of sample analysis for MW-1 for the last three sampling events indicates a decrease in the level of total petroleum hydrocarbons as gasoline (TPH-G), while TOG has remained nondetectable.

The ground water pumpout reduced the levels of hydrocarbon constituents detected in samples from the wells.

Proposed Activity or Work for Next Quarter:

<u>Activity</u>	<u>Estimated Completion Date</u>
Monitoring and sampling	May 31, 1991
Ground water pump outs	May 31, 1991

Mobil Oil Corporation

3800 WEST ALAMEDA AVENUE, SUITE 700
BURBANK, CALIFORNIA 91505-4331

November 2, 1988

Chief Rafat Shahid
Alameda County
Environmental Health
470 - 27th St., Room 324
Oakland, CA 94612

RE: UNAUTHORIZED RELEASE
SERVICE STATION #10-E6A
100 MAC ARTHUR BLVD.
OAKLAND, CALIFORNIA 94610

Dear Chief Shahid:

The attached report for the above referenced location is being submitted to your office as required under California state law for underground storage tanks.

During the waste oil tank replacement at the subject location, contamination was discovered in the tank cavity. A consultant has been retained to complete a site assessment. Upon completion, a report will be submitted to your office.

Should you have any questions, you may contact Chris Mitchell at (818) 953-2519.

Sincerely,



R. J. Edwards

Region Environmental
Manager

RAM:
Attachment
(DOC-137)

RECEIVED
NOV 9 1988

HAZARDOUS
WASTE

November 2, 1988

Chief Rafat Shahid
Alameda County
Environmental Health
470 - 27th St., Room 324
Oakland, CA 94612

RE: UNAUTHORIZED RELEASE
SERVICE STATION #10-E6A
100 MAC ARTHUR BLVD.
OAKLAND, CALIFORNIA

Dear Chief Shahid:

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During the waste oil tank replacement at the subject location, contamination was discovered in the tank cavity. A consultant has been retained to complete a site assessment. Upon completion, a report will be submitted to your office.

Should you have any questions, you may contact Chris Mitchell at (818) 953-2519.

Sincerely,

R. J. Edwards

Region Environmental
Manager

RAM:
Attachment
(DOC-137)

bcc: Admin. Center - Fairfax
J. A. Favreau - No.CA/NW
S. Pao - Richmond

S/S File - 10-E6A

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.		
REPORT DATE i 0 mi 2 di 6 di 8 y 8		CASE #		SIGNED _____ DATE _____		
REPORTED BY	NAME OF INDIVIDUAL FILING REPORT R. A. Miller		PHONE (818) 953-2599	SIGNATURE <i>R. A. Miller</i>		
	REPRESENTING <input checked="" type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> OTHER		COMPANY OR AGENCY NAME Mobil Oil Corporation			
	ADDRESS 3800 W. Alameda, Suite 700 Burbank CA 91505					
RESPONSIBLE PARTY	NAME Mobil Oil Corporation <input type="checkbox"/> UNKNOWN		CONTACT PERSON R. J. Edwards	PHONE (818) 953-2517		
	ADDRESS 3800 W. Alameda, Suite 700 Burbank CA 91505					
SITE LOCATION	FACILITY NAME (IF APPLICABLE) Mobil Service Station #10-E6A		OPERATOR Myong Hwan Son	PHONE (415) 653-1184		
	ADDRESS 100 MacArthur Blvd. Oakland Alameda 94610					
	CROSS STREET	TYPE OF AREA <input checked="" type="checkbox"/> COMMERCIAL <input type="checkbox"/> INDUSTRIAL <input type="checkbox"/> RURAL <input type="checkbox"/> RESIDENTIAL <input type="checkbox"/> OTHER	TYPE OF BUSINESS <input checked="" type="checkbox"/> RETAIL FUEL STATION <input type="checkbox"/> FARM <input type="checkbox"/> OTHER			
IMPLEMENTING AGENCIES	LOCAL AGENCY Alameda County Environmental Health		CONTACT PERSON Rafat Shahid	PHONE (415) 874-6434		
	REGIONAL BOARD San Francisco Bay RWQCB		CONTACT PERSON Peter Johnson	PHONE (415) 464-1255		
SUBSTANCES INVOLVED	(1) NAME ORM-E Waste Oil Tank Cavity		QUANTITY LOST (GALLONS) _____ <input checked="" type="checkbox"/> UNKNOWN			
	(2)		_____ <input type="checkbox"/> UNKNOWN			
DISCOVERY/ABATEMENT	DATE DISCOVERED 0 mi 9 di 1 di 9 di 8 y 8		HOW DISCOVERED <input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITIONS <input type="checkbox"/> TANK TEST <input checked="" type="checkbox"/> TANK REMOVAL <input checked="" type="checkbox"/> OTHER W/O Tank Replc. Project			
	DATE DISCHARGE BEGAN _____ <input checked="" type="checkbox"/> UNKNOWN		METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input type="checkbox"/> REMOVE CONTENTS <input checked="" type="checkbox"/> REPLACE TANK <input type="checkbox"/> CLOSE TANK <input type="checkbox"/> REPAIR TANK <input type="checkbox"/> REPAIR PIPING <input type="checkbox"/> CHANGE PROCEDURE <input type="checkbox"/> OTHER _____			
	HAS DISCHARGE BEEN STOPPED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE 0 mi 9 di 1 di 9 di 8 y 8					
SOURCE/CAUSE	SOURCE OF DISCHARGE <input type="checkbox"/> TANK LEAK <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> PIPING LEAK <input type="checkbox"/> OTHER		TANKS ONLY/CAPACITY 280 GAL. AGE _____ YRS <input checked="" type="checkbox"/> UNKNOWN	MATERIAL <input type="checkbox"/> FIBERGLASS <input checked="" type="checkbox"/> STEEL <input type="checkbox"/> OTHER _____	CAUSE(S) <input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FAILURE <input type="checkbox"/> CORROSION <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> SPILL <input type="checkbox"/> OTHER _____	
	CHECK ONE ONLY <input checked="" type="checkbox"/> UNDETERMINED <input type="checkbox"/> SOIL ONLY <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)					
CURRENT STATUS	CHECK ONE ONLY <input checked="" type="checkbox"/> SITE INVESTIGATION IN PROGRESS (DEFINING EXTENT OF PROBLEM) <input type="checkbox"/> CLEANUP IN PROGRESS <input type="checkbox"/> SIGNED OFF (CLEANUP COMPLETED OR UNNECESSARY) <input type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> POST CLEANUP MONITORING IN PROGRESS <input type="checkbox"/> NO FUNDS AVAILABLE TO PROCEED <input type="checkbox"/> EVALUATING CLEANUP ALTERNATIVES					
	CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS) <input type="checkbox"/> CAP SITE (CD) <input checked="" type="checkbox"/> EXCAVATE & DISPOSE (ED) <input type="checkbox"/> REMOVE FREE PRODUCT (FP) <input type="checkbox"/> ENHANCED BIO DEGRADATION (IT) <input type="checkbox"/> CONTAINMENT BARRIER (CB) <input checked="" type="checkbox"/> EXCAVATE & TREAT (ET) <input type="checkbox"/> PUMP & TREAT GROUNDWATER (GT) <input type="checkbox"/> REPLACE SUPPLY (RS) <input type="checkbox"/> TREATMENT AT HOOKUP (HU) <input type="checkbox"/> NO ACTION REQUIRED (NA) <input type="checkbox"/> OTHER (OT) _____					
COMMENTS						

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 25100.7 OF THE HEALTH AND SAFETY CODE.	
REPORT DATE 10/26/88		CASE #		SIGNED: <i>R. A. Miller</i> DATE: 12-21-93	
REPORTED BY	NAME OF INDIVIDUAL FILING REPORT R. A. Miller		PHONE (818) 953-2599		SIGNATURE <i>R. A. Miller</i>
	REPRESENTING <input checked="" type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> OTHER		COMPANY OR AGENCY NAME Mobil Oil Corporation		
	ADDRESS 3800 W. Alameda, Suite 700 Burbank CA 91505				
RESPONSIBLE PARTY	NAME Mobil Oil Corporation <input type="checkbox"/> UNKNOWN		CONTACT PERSON R. J. Edwards		PHONE (818) 953-2517
	ADDRESS 3800 W. Alameda, Suite 700 Burbank CA 91505				
SITE LOCATION	FACILITY NAME (IF APPLICABLE) Mobil Service Station #10-E6A		OPERATOR Myong Hwan Son		PHONE (415) 653-1184
	ADDRESS 100 MacArthur Blvd. Oakland Alameda 94610				
	CROSS STREET	TYPE OF AREA <input checked="" type="checkbox"/> COMMERCIAL <input type="checkbox"/> INDUSTRIAL <input type="checkbox"/> RURAL <input type="checkbox"/> RESIDENTIAL <input type="checkbox"/> OTHER		TYPE OF BUSINESS <input checked="" type="checkbox"/> RETAIL FUEL STATION <input type="checkbox"/> FARM <input type="checkbox"/> OTHER	
IMPLEMENTING AGENCIES	LOCAL AGENCY AGENCY NAME Alameda County Environmental Health		CONTACT PERSON Rafat Shahid		PHONE (415) 874-6434
	REGIONAL BOARD San Francisco Bay RWQCB		Peter Johnson		PHONE (415) 464-1255
SUBSTANCES INVOLVED	(1) NAME ORM-E Waste Oil Tank Cavity		QUANTITY LOST (GALLONS) <input checked="" type="checkbox"/> UNKNOWN		
	(2)		<input type="checkbox"/> UNKNOWN		
DISCOVERY/ABATEMENT	DATE DISCOVERED 09/19/88		HOW DISCOVERED <input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITIONS <input type="checkbox"/> TANK TEST <input checked="" type="checkbox"/> TANK REMOVAL <input checked="" type="checkbox"/> OTHER W/O Tank Replc. Project		
	DATE DISCHARGE BEGAN <input checked="" type="checkbox"/> UNKNOWN		METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input type="checkbox"/> REMOVE CONTENTS <input checked="" type="checkbox"/> REPLACE TANK <input type="checkbox"/> CLOSE TANK <input type="checkbox"/> REPAIR TANK <input type="checkbox"/> REPAIR PIPING <input type="checkbox"/> CHANGE PROCEDURE <input type="checkbox"/> OTHER		
	HAS DISCHARGE BEEN STOPPED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE 09/19/88				
SOURCE/CAUSE	SOURCE OF DISCHARGE <input type="checkbox"/> TANK LEAK <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> PIPING LEAK <input type="checkbox"/> OTHER		TANKS ONLY/CAPACITY 280 GAL. AGE _____ YRS <input checked="" type="checkbox"/> UNKNOWN		MATERIAL <input type="checkbox"/> FIBERGLASS <input checked="" type="checkbox"/> STEEL <input type="checkbox"/> OTHER
	CAUSE(S) <input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FAILURE <input type="checkbox"/> CORROSION <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> SPILL <input type="checkbox"/> OTHER				
CASE TYPE	CHECK ONE ONLY <input checked="" type="checkbox"/> UNDETERMINED <input type="checkbox"/> SOIL ONLY <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)				
CURRENT STATUS	CHECK ONE ONLY <input checked="" type="checkbox"/> SITE INVESTIGATION IN PROGRESS (DEFINING EXTENT OF PROBLEM) <input type="checkbox"/> CLEANUP IN PROGRESS <input type="checkbox"/> SIGNED OFF (CLEANUP COMPLETED OR UNNECESSARY) <input type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> POST CLEANUP MONITORING IN PROGRESS <input type="checkbox"/> NO FUNDS AVAILABLE TO PROCEED <input type="checkbox"/> EVALUATING CLEANUP ALTERNATIVES				
REMEDIAL ACTION	CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS) <input type="checkbox"/> CAP SITE (CD) <input checked="" type="checkbox"/> EXCAVATE & DISPOSE (ED) <input type="checkbox"/> REMOVE FREE PRODUCT (FP) <input type="checkbox"/> ENHANCED BIO DEGRADATION (IT) <input type="checkbox"/> CONTAINMENT BARRIER (CB) <input checked="" type="checkbox"/> EXCAVATE & TREAT (ET) <input type="checkbox"/> PUMP & TREAT GROUNDWATER (GT) <input type="checkbox"/> REPLACE SUPPLY (RS) <input type="checkbox"/> TREATMENT AT HOOKUP (HU) <input type="checkbox"/> NO ACTION REQUIRED (NA) <input type="checkbox"/> OTHER (OT)				
COMMENTS					

UNDERGROUND STORAGE TANK CLEANUP SITE

SITE ID: 1108	SOURCE OF FUNDS: F	SUBSTANCE :12035
SITE NAME: BP Oil Co. Site #11102		DATE REPORTED :09/19/88
SITE ADDRESS: 100 MacArthur Blvd		DATE CONFIRMED:
CITY: Oakland	ZIP CODE: 94610	MULTIPLE PRS : Y
CASE TYPE: G	CONTRACT STAT: 4	PRIORITY:
		DATE ER:
RP SEARCH : S	DATE BEGIN: 07/01/91	DATE END: 04/06/92
PRELIM ASSESSMENT : U	DATE BEGIN:	DATE END:
REMEDIAL INVESTIG.:	DATE BEGIN:	DATE END:
REMEDIAL ACTION :	DATE BEGIN:	DATE END:
POST REMED MONITOR:	DATE BEGIN:	DATE END:
ENFORCEMENT TYPE: 1	DATE ENFORCEMENT ACTION TAKEN: 11/04/92	
LUFT CATEGORY: 3HSWG	CASE CLOSED: DATE CASE CLOSED:	
DT EXC START : 09/19/88	REMEDIAL ACTIONS TAKEN:	

PgDn for Screen #2

[ESC] Done [F2] Clear field [Shift-F2] Clear to end [Shift-F10] More
 Form: SITE Table: SITE Field: RemedAct Page: 1

UNDERGROUND STORAGE TANK CLEANUP SITE - SCREEN #2

IN-HOUSE MANAGEMENT:

EXTENDED DEADLINE:	DATE LAST CORSP :02/23/93	INSPECTOR INIT: JE	TRemov:
--------------------	---------------------------	--------------------	---------

CONTACT/RESPONSIBLE PARTY INFORMATION:

RP #1: CONTACT: Scott Hooton	EST. COST: \$0.00
RP COMPANY NAME: B P Oil Co.	Ph:
ADDRESS: 295 Sw 41st St., Suite N	
CITY/ST/ZIP: Renton W A 98055	
COMMENT: △	

PgUp For Screen #1;PgDn For More RP'S

[ESC] Done [F2] Clear field [Shift-F2] Clear to end [Shift-F10] More
 Form: SITE Table: SITE Field: FlagDate Page: 2

change of address notification

4-5-94

Post-It™ brand fax transmittal memo 7671		# of pages ▶ 1
To <i>Lori Casias</i>	From <i>J. Eberte</i>	
Co.	Co. <i>Alameda Co.</i>	
Dept.	Phone # <i>570-271-4530</i>	
Fax #	Fax #	

Mobil

order to contractor

505 (Rev) RETURN

ISSUING OFFICE ADDRESS 1316 CHANDLER BLVD RICHMOND, CA 94704	ORDER NO. 998 X 3K	DATE 11-9-88
ACCOUNT DISTRIBUTION		
INVOICES MUST BE RENDERED IN TRIPlicate TO MOBIL OIL CORPORATION AT ISSUING OFFICE AT ABOVE ADDRESS.		
IMPORTANT: ORDER NUMBER MUST APPEAR ON ALL INVOICES. TRIPPLICATE OF THIS ORDER (PINK COPY) BEARING CUSTOMER'S SIGNATURE MUST BE ATTACHED TO FINAL INVOICE. CONTRACTOR - SIGN AND RETURN TRIPPLICATE (YELLOW COPY) TO ISSUING OFFICE WITHIN FIVE DAYS.		

N. G. CHEMICAL INC.
4210 BROOKSIDE PL
SANTA MARIA, CA 93455

ERN 7 085 0007245

PERFORM WORK IN ACCORDANCE WITH PLANS AND SPECIFICATIONS REFERRED TO BELOW AT A COST OF **TEN THOUSANT DOLLARS (\$10,000)**

WORK TO BE PERFORMED AT **190 MACARTHUR BLVD, OAKLAND, CA**

DESCRIPTION OF WORK

Contractor shall furnish necessary labor, materials & equipment to load, transport & dispose waste oil 50 L at subject location to class I dump site (approx 20 E.Y.)

Submit manifest to Mobil Oil at above address.

Class I dump site fees taxes 15 & other charges.

NOTE: THIS IS AN INTERIM CONTRACT & WILL BE VOID WHEN LONG FORM CONTRACT IS ISSUED.

VALUE OF ANY ARTICLE ENTRUSTED TO CONTRACTOR:

THIS ORDER IS SUBJECT TO THE TERMS AND CONDITIONS ON THE REVERSE SIDE.

TERMS OF PAYMENT: **Net 30**

ACCEPTED AND AGREED TO:

Robert W. Tush (Signature of Contractor)

Mobil Oil Corporation (Signature of Mobil)

(DATE COMPLETED) _____ (SIGNATURE OF OCCUPANT ON PREMISES WHERE WORK WAS DONE OR OF MOBIL REPRESENTATIVE) _____ (SIGNATURE OF CONTRACTOR) _____



4210 Brookside Pl.
Santa Maria, CA 93455
(805) 925-0391

DATE December 14, 1988

INVOICE NO. 1599

P.O. NO. 10-E6A
998x3K

MOBIL OIL CORP.

1306 Canal Blvd.

Richmond, CA 94804

ATTN: Steve Pao

TERMS: NET 10 DAYS; A 1% PER MONTH SERVICE CHARGE WILL BE MADE IN PAST DUE ACCOUNTS.
ATTORNEY'S FEES WILL BE ADDED IF LEGAL ACTION IS NECESSARY.

MOBIL S/S#10-E6A
100 MacArthur Blvd.
Oakland, CA

DATE OF SERVICE: November 17, 1988

SERVICES RENDERED.....\$1,874.43

Handwritten signature and initials

PLEASE PAY FROM THIS INVOICE