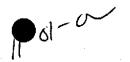
AGENCY





DAVID J. KEARS, Agency Director

October 30, 2002

RO 2427

Mr. Gene Ortega ExxonMobil Refining & Supply Company 2300 Clayton Road, Ste. 1250 Concord, CA 94520 ENVIRONMENTAL HEALTH SERVICES ENVIRONMENTAL PROTECTION 1131 Harbor Bay Parkway, Suite 250 Alameda, CA 94502-6577 (510) 567-6700 FAX (510) 337-9335

RE: Mobil Station 04-H6J, 1024 Main Street, Pleasanton - Request for Total Fuel Oxygenate Analyses

Dear Mr. Ortega:

The case file for the referenced site was recently reviewed, up to and including the September 2002 TRC 3rd quarter 2002 progress report. This review was primarily conducted to identify the current suite of target compounds sought in water samples collected from the various wells within the network. Our review revealed that a number of potential fuel oxygenates may not have been sought historically from samples collected from these wells. Although we realize that MtBE does not appear to be an issue at this site, a full evaluation for fuel oxygenates is nevertheless necessary at this time.

Please direct your consultant to analyze all samples collected during the next scheduled sampling event for the presence of total fuel oxygenates (MtBE, TAME, EtBE, DIPE, and TBA) and lead scavengers (EDB and 1,2-DCA / EDC) using EPA Method 8260. Such expanded analyses may be required to continue depending upon what is found.

Please contact me at (510) 567-6783 should you have any questions.

Sincerely,

Scott Ø. Seery, CHMM

Hazardous Materials Specialist

cc: Chuck Headlee, RWQCB

Danielle Stefani, Livermore-Pleasanton Fire Department

Tracy Walker, TRC, 5052 Commercial Circle, Concord, CA 94520-1248





6-26-2005

202427

June 26, 2000

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

STID 1549

Ms. Ann Cigluiti **Dublin San Ramon Services District** 7399 Johnson Drive Pleasanton, CA 94588

RE: (Former) Mobil Service Station, 1024 Main Street, Pleasanton - Approval to remove

remediation system

Dear Ms. Cigluiti:

Permission was granted Exxon Mobil Corporation on June 13, 2000 to cease operation of the soil vapor and ground water remediation system at the referenced site.

Please call me at (510) 567-6783 should you have any questions or comments.

Sincerely,

Scott O. Seer CHMM

Hazardous Materials Specialist

Danielle Stefani, Livermore-Pleasanton Fire Department cc:

Chuck Headlee, RWOCB

Darin Rouse, Exxon Mobil Corp., P.O. Box 4032, Clayton, CA 94524-4032

Chris Dennis, TRC Alton Geoscience

5052 Commercial Circle, Concord, CA 94520-1248

ALAMEDA COUNTY

HEALTH CARE SERVICES

AGENCY



DAVID J. KEARS, Agency Director

October 8, 1999

Ms. Danielle Stefani Livermore-Pleasanton Fire Department 4550 East Avenue Livermore, CA 94550 **ENVIRONMENTAL HEALTH SERVICES**

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

RE: MtBE-impacted sites in Pleasanton

Dear Ms. Stefani:

This letter is sent in response to your 19 August 1999 request for additional information regarding Pleasanton sites that are impacted by the gasoline additive methyl tert-butyl ether, or MtBE.

Following is a brief summary for each of the petroleum release cases currently overseen by this agency where MtBE has been identified. This supplemental information adheres to the format requested in your August letter, and augments the information presented previously by this office on 22 July 1999.

UNOCAL Station, 4191 First Street (20361)

1. Status

This investigation is still in progress. Additional off-site well installed 10/06/99. Additional well and boring installation on adjoining commercial property to the northeast is pending. Site access issues for off-site wells/borings have slowed progress.

2. On-site/Off-site

Plume extends off-site

3. Farthest extent of contamination

Horizontal extent:

>120 feet

Vertical extent:

> 80 feet

4. Approximate level of threat based on information available to date:

Appears to be isolated from municipal drinking water well fields based on significant geographic separation. However, Zone 7 officials interpret the depth of the impacted zone at this site as being consistent with water elevation in the main groundwater (GW) basin. This area appears to be in a recharge zone for the main GW basin.

RE: MtBE report for Pleasanton sites

October 8, 1999 Page 2 of 5

Steve's Exxon, 2991 Hopyard Road (20362)

1. Status

Plume extent appears to be identified. Post-remediation monitoring in progress. Certain on-site vapor extraction wells to be destroyed, as they appear to have served as conduits for migration of shallow "perched" contamination to a slightly deeper on-site water-bearing zone. On-going joint meetings with Zone 7, City of Pleasanton Public Works, Regional Water Quality Control Board (RWQCB), Exxon, and this office to determine best locations and depths for clusters of offsite "sentinel" wells, intended to provide early warning of potential impacts to primary water-bearing zone of nearby municipal well field.

2. On-site/Off-site

Plume appears confined significantly on-site. Periodic low-level MtBE detection in deeper and off-site wells has raised specter of concern, however. Current vertical plume monitoring program appears to have served its purpose but now may not be adequate to assure timely data acquisition, leading to future sentinel well installation.

3. Farthest extent of contamination

Horizontal extent:

~100 feet (periodic)

Vertical extent:

~90 feet ?

4. Approximate level of threat based on information available to date:

Close to drinking water source

Shell Station, 3790 Hopyard Road (20363)

1. Status

On-going monitoring following yearly (2nd quarter) schedule

2. On-site/Off-site

Plume extends off-site

Farthest extent of contamination

Horizontal:

~180 feet

Vertical:

~ 18 feet

Ms. Danielle Stefani RE: MtBE report for Pleasanton sites October 8, 1999 Page 3 of 5

4. Approximate level of threat based on information available to date:

Appears isolated from drinking water source due to both geology and distance

Shell Station, 5251 Hopyard Road (20194)

1. Status

On-going monitoring following yearly (2nd quarter) schedule

2. On-site/Off-site

Plume appears to be constrained to the site

Farthest extent of contamination

Horizontal:

NA

Vertical:

~ 12 feet

Approximate level of threat based on information available to date:
Isolated from drinking water source due to both geology and distance

Chevron Station, 5280 Hopyard Road (20439)

1. Status

On-going monitoring following quarterly schedule

2. On-site/Off-site

Plume appears to be substantially constrained to the site

Farthest extent of contamination

Horizontal:

NA

Vertical:

~ 11 feet

4. Approximate level of threat based on information available to date:

Isolated from drinking water source due to both geology and distance

Ms. Danielle Stefani RE: MtBE report for Pleasanton sites October 8, 1999 Page 4 of 5

(Former) Exxon Station, 349 Main Street (20506)

1. Status

Pending case closure

2. On-site/Off-site

On-site

3. Farthest extent of contamination

Horizontal:

NA

Vertical:

~26 feet

Approximate level of threat based on information available to date:

Isolated from drinking water source due to both geology and distance

(Former) Mobil Station, 1024 Main Street (202427)

1. Status

On-going soil and GW remediation and monitoring

2. On-site/Off-site

Plume substantially on-site

Farthest extent of contamination

Horizontal:

NA

Vertical:

~44 feet

Approximate level of threat based on information available to date:

Appears isolated from drinking water source due to both geology and distance

Can-Am Plumbing, 151 Wyoming Street (202425)

1. Status

Preliminary site assessment pending - workplan requested

RE: MtBE report for Pleasanton sites

October 8, 1999 Page 5 of 5

2. On-site/Off-site

Unknown at this time

3. Farthest extent of contamination

Unknown at this time

4. Approximate level of threat based on information available to date:

Expected to be isolated from drinking water source due to both geology and distance

I trust this supplemental report provides the additional information you were seeking. Please contact me at (510) 567-6783 should you need further assistance.

Sincerely,

Scott O. Seery, CHMM

Hazardous Materials Specialist

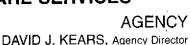
cc: Ariu Levi, Chief, Environmental Protection

Thomas Peacock, ACDEH LOP

Chuck Headlee, RWQCB

Matt Katen, Zone 7

Steve Cusenza, City of Pleasanton, P.O. Box 520, Pleasanton, CA 94566-0802





R0362,363 194,1151,4**3**9 506,2427) R0361.360

DAVID 6: NEXT 10, Agency Birec

July 22, 1999

Ms. Danielle Stefani Livermore-Pleasanton Fire Department 4550 East Avenue Livermore, CA 94550 ENVIRONMENTAL HEALTH SERVICES

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

RE: MtBE-impacted sites in Pleasanton

Dear Ms. Stefani:

This letter is sent in response to your recent request for an update on sites located in Pleasanton that are impacted by the gasoline additive methyl-tert butyl ether, or MtBE.

Following is a brief summary for each of the active fuel tank cases currently overseen by this agency. Please note that not all retail service station or other underground storage tank (UST) sites in Pleasanton are listed. Data for closed or otherwise inactive cases are not presented in this summary, nor are data for cases not yet managed by this office. Both the highest *historic* MtBE concentrations (and date) as well as the highest concentrations in the last 12 months are given where these data are available.

Unocal Station, 4191 First Street

This site was historically used for warehousing, but was developed into a retail fueling station in ~1976. Several gasoline releases were documented in the 1980's. Several phases of investigation have been completed, beginning in the late 1980's and continuing up to the present. More work is currently pending. An 8 well network is established both on- and off-site, with more wells planned.

Highest MtBE:

6200 micrograms per liter, or ug/l (6/98)

12 month high:

4800 ua/l

Shell Station, 4226 1st Street

Although a preliminary assessment of the original UST complex was completed in 1985 prior to tank replacement, the results were somewhat inconclusive due to limited project scope. Two additional phases of work occurred in 1990, the results of which, again, were somewhat inconclusive. MtBE was not sought during these prior investigations. A recent phase of assessment was performed in April 1999, and included the installation of a permanent monitoring well. The final report of this recent work is pending; however, preliminary data indicate that, although underlying groundwater has been impacted, MtBE was not identified.

Highest MtBE:

<250 ug/l (4/99)

12 month high:

as above

RE: MtBE report for Pleasanton sites

July 22, 1999 Page 2 of 4

Henry Moller & Sons Meat Packing Plant, 5710 Foothill Road

A small gasoline UST was removed in 1990. Six monitoring wells were eventually installed and monitored over several years due to a release from this tank. Although underlying groundwater was impacted to some extent by gasoline compounds, MtBE was not detected (ND) above laboratory reporting limits. Potential impact to Gold Creek was also evaluated and dismissed. The site is currently under review for case closure.

Highest MtBE:

ND

12 month high:

Steve's Exxon, 2991 Hopyard Road

This site, located on the corner of Hopyard Road and Valley Avenue, appears to be the most critical release site in Pleasanton due to its close proximity to both the City's and Zone 7's well fields. There is a current network of 11 wells located both on- and off-site, including two wells (MW-5D, MW-8) which monitor deeper water bearing zones of the underlying aquifer. The data appear to demonstrate that impacts are substantially constrained to the site. Exxon operated a soil-vapor extraction (SVE) system at the site up to the early 1990s, and reinstated its use in early 1998 but with limited success so far due to water infiltration into the vapor extraction wells. A request for an additional well and modification to the SVE system has been made.

Highest MtBE:

4950 ug/l (3/99)

12 month high:

same

Shell Station, 3790 Hopyard Road

An apparent release was discovered during routine monitoring of the USTs in 1987. These tanks were removed in 1988 and new tanks installed elsewhere on the site. Several phases of investigation followed with the eventual construction of 10 shallow monitoring wells, located both on- and off-site, and 3 recovery wells, installed at a time when active remediation was being considered. Nine of the monitoring wells are now sampled and monitored yearly.

Highest MtBE:

6900 ug/l (6/97)

12 month high: -

1780 ug/l

Shell Station, 5251 Hopyard Road

A release was first discovered at this site in 1987 during installation of one shallow groundwater and 3 vadose zone wells intended to provide indirect monitoring of the UST system. Four additional shallow on-site wells were installed in 1989, followed by 3 more in 1990 installed in off-site locations. The fuel release appears to be substantially constrained to the site. All wells are currently monitored on a yearly schedule.

RE: MtBE report for Pleasanton sites

July 22, 1999 Page 3 of 4

Highest MtBE:

3200 ug/l (5/97)

12 month high;

374 ug/l

Chevron Station, 5280 Hopyard Road

It has been reported that the original USTs were replaced in 1981. A gasoline release was identified during routine tank monitoring in 1989 and lead to the eventual installation of 3 shallow monitoring wells. In ~1991 the station was reconfigured and new tanks were installed in another location at the site. The three original wells were destroyed in the process and replaced. Three additional off-site wells were installed in 1997 for a total of 6 active wells.

Highest MtBE:

680 ug/l (6/96)

12 month high:

290 ug/l

(Former) Exxon Station, 349 Main Street

A release was discovered during the 1989 replacement of the original USTs at this former service station site. These replacement tanks were subsequently removed in 1993, and the site and later redeveloped. Several phases of environmental investigation followed the 1989 tank replacement, resulting in the eventual installation of 8 monitoring wells, on both on- and off-site locations, and 3 SVE wells. No active remediation occurred. Only two wells survive to this day. The site is currently being considered for closure.

Highest MtBE:

11 ug/l (6/96)

12 month high:

ND

(Former) Mobil Station, 1024 Main Street (R0#2427)

A release from the USTs was discovered during 1989 tank removals. Since that time several phases of investigation have been performed, with the eventual installation of 12 monitoring wells located both on- and off-site, and 3 groundwater and 4 SVE wells. SVE and groundwater treatment systems have operated nearly continuously at the site since 1995, with the cumulative removal of over 4000 gallons of product from the unsaturated soils and 3.9 million gallons of groundwater treatment system throughput. Although MtBE was "tentatively" identified (EPA Method 8020) in samples collected in the past from wells at the site, its presence was either not confirmed using more definitive laboratory methodologies (EPA Method 8260), or the actual concentrations were insignificant.

Highest MtBE:

1000 ug/l (Method 8020); ND (Method 8260) (8/97)

12 month high:

25 ug/l (Method 8260)

RE: MtBE report for Pleasanton sites

July 22, 1999 Page 4 of 4

Can-Am Plumbing, 151 Wyoming Street

Although not yet a "case" overseen by this office, preliminary data collected during the June 1999 tank removals indicate up to 100,000 ug/l MtBE in shallow water within the tank pit. It is unknown if the sampled water represents true groundwater or an isolated "perched" zone. Awaiting final report and a determination of next appropriate steps in confirmation of this apparent release.

Highest MtBE:

100,000 ug/l (6/99)

12 month high:

as above

I trust this report provides the information you were seeking. Please contact me at (510) 567-6783 should you need further assistance.

Sincerely,

≾dott O. \$eery, CHMM

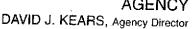
Hazardous Materials Specialist

CC:

Thomas Peacock, ACDEH LOP

Chuck Headlee, RWQCB Craig Mayfield, Zone 7

Steve Cusenza, City of Pleasanton, P.O. Box 520, Pleasanton, CA 94566-0802





ENVIRONMENTAL HEALTH SERVICES ENVIRONMENTAL PROTECTION (LOP)

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

(510) 567-6700 FAX (510) 337-9335

May 5, 1999

STID 1930

Ms. Cherine Foutch Mobil Oil Corporation 2063 Main Street, Ste. 501 Oakley, CA 94561

RE: (Former) Mobil Station, 1024 Main Street, Pleasanton

LANDOWNER NOTIFICATION AND PARTICIPATION REQUIREMENTS

Dear Ms. Foutch:

This letter is to inform you of new legislative requirements pertaining to cleanup and closure of sites where an unauthorized release of hazardous substance, including petroleum, has occurred from an underground storage tank (UST). Section 25297.15(a) of Ch. 6.7 of the Health & Safety Code requires the primary or active responsible party to notify all current record owners of fee title to the site of: 1) a site cleanup proposal, 2) a site closure proposal, 3) a local agency intention to make a determination that no further action is required, and 4) a local agency intention to issue a closure letter. Section 25297.15(b) requires the local agency to take all reasonable steps to accommodate responsible landowners' participation in the cleanup or site closure process and to consider their input and recommendations.

For purposes of implementing these sections, you have been identified as the primary or active responsible party. Please provide to this agency, within twenty (20) calendar days of receipt of this notice, a complete mailing list of all current record owners of fee title to the site. You may use the enclosed "list of landowners" form (sample letter 2) as a template to comply with this requirement. If the list of current record owners of fee title to the site changes, you must notify the local agency of the change within 20 calendar days from when you are notified of the change.

If you are the sole landowner, please indicate that on the landowner list form. The following notice requirements do not apply to responsible parties who are the sole landowner for the site.

LANDOWNER NOTIFICATION

Re: 1024 Main Street, Pleasanton

May 5, 1999 Page 2 of 2

In accordance with Section 25297.15(a) of Ch. 6.7 of the Health & Safety Code, you must certify to the local agency that all current record owners of fee title to the site have been informed of the proposed action before the local agency may do any of the following:

- 1) consider a cleanup proposal (corrective action plan)
- 2) consider a site closure proposal
- 3) make a determination that no further action is required
- 4) issue a closure letter

You may use the enclosed "notice of proposed action" form (sample letter 3) as a template to comply with this requirement. Before approving a cleanup proposal or site closure proposal, determining that no further action is required, or issuing a closure letter, the local agency will take all reasonable steps necessary to accommodate responsible landowner participation in the cleanup and site closure process and will consider all input and recommendations from any responsible landowner.

Please call me at (510) 567-6783 should you have any questions about the content of this letter.

Sincerely,

Scott/O. Seery, CHMM

Hazardous Materials Specialist

Attachments

cc: Chuck Headlee, RWQCB

Danielle Stefani, Livermore-Pleasanton Fire Department

AGENCY



DAVID J. KEARS, Agency Director

Rosym

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

May 04, 1999

ATTN: Jack Quarle

J Quarle & Associates P O Box 2215 San Leandro CA 94577

RE: Project # 5803A - Type M

at 1034 Peralta Ave in San Leandro 94578

Dear Property Owner/Designee:

Our records indicate the deposit/refund account for the above project has fallen below the minimum deposit amount. To replenish the account, please submit an additional deposit of \$1,000.00, payable to Alameda County, Environmental Health Services.

We must receive this deposit so that future regulatory oversight on the subject site can procede in a timely fashion. At the completion of this project, any unused monies will be refunded to you or your designee.

The deposit refund mechanism is authorized in Section 6.92.040L of the Alameda County Ordinance Code. Work on this project will be debited at the Ordinance specified rate, currently \$100 per hour.

Please be sure to write the following on the check to identify your account: - project #,

- type of project and

- site address

(see RE: line above).

If you have any questions, please contact Madhulla Logan at (510) 567-6764.

Sincerely,

Madhulla Logan, HMS

Environmental Protection

c: files/inspector

HEALTH CARE SERVICES

AGENCY



Ro# 2427

January 26, 1999

STID 1549 1930

Ms. Cherine Foutch Mobil Oil Company 2063 Main Street, Ste. 501 Oakley, CA 94561

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)

(Former) Mobil Service Station, 1024 Main Street, Pleasanton RE:

Dear Ms. Foutch:

Thank you for our receipt of the January 15, 1999 Alton Geoscience progress report for the investigation and remediation project at the subject site. This report presents the results of well sampling and monitoring that occurred at the site during October 1998. This report also presents the performance status of the in situ soil vapor extraction (SVE) and groundwater extraction (GWE) systems during the reporting period.

As you are likely aware, the SVE and GWE systems have been turned off since mid July 1998 due to reported low vapor influent concentrations to the above ground treatment system. Shut down followed shortly after converting the treatment process to granulated activated carbon. It has not been operated continuously since. However, I understand that pulse testing of the SVE system began earlier this month and will continue for some while longer to gauge the future efficacy of the system.

In the interim, the sampling and monitoring schedules for wells MW-10, -11, and -12 may be modified as follows:

MW-10 may be removed from the schedule

MW-11 shall be sampled/monitored semi-annually (1st and 3rd quarters)

MW-12 shall be sampled/monitored annually (1st quarter)

Please call me at (510) 567-6783 should you have any questions or comments.

Sincerely,

Sø6tt Ø. Seery, CHMM

Hazardous Materials Specialist

Mee Ling Tung, Director, Environmental Health CC:

Danielle Stefani, Livermore-Pleasanton Fire Department

Chuck Headlee, RWQCB

Christopher Dennis, Alton Geoscience

30A Lindbergh Ave., Livermore, CA 94550

DAVID J. KEARS, Agency Director

Ro2427

CC4586

RAFAT A. SHAHID, Assistant Agency Director

STID 1930

Alameda County Environmental Protection Division 1131 Harbor Bay Parkway, Room 250 Alameda CA 94502-6577

June 20, 1995

Ms. Cherine Foutch Mobil Oil Corporation 2063 Main Street, Ste. 501 Oakley, CA 94561

AGENCY

RE: (FORMER) MOBIL OIL SERVICE STATION 04-H6J, 1024 MAIN STREET

(SANTA RITA ROAD), PLEASANTON

Dear Ms. Foutch:

As I indicated in my phone message to you today, I have completed review of the case file for this site. It appears the case file is still incomplete. We seem to be missing <u>all</u> documents issued between September 1993 and September 1994, including, but not necessarily limited to, the report documenting the implementation of the September 8, 1993 Alton Geoscience supplemental site assessment work plan, among others.

Please forward copies of the requested documents as soon as you are able, preferably within the next 30 days.

Please feel free to contact me at 510/567-6783 should you have any questions?

Sincerely

Scoft O. Seery, CHMM

Senior Hazardous Materials Specialist

cc: Rafat A. Shahid, Agency Director

Gil Jensen, Alameda County District Attorney's Office Bill Halvorsen, Pleasanton Fire Department, Station 1

Ron Sheele, Alton Geoscience

DAVID J. KEARS, Agency Director

AGENCY

STID 1930

November 9, 1994

Ms. Cherine Foutch Mobil Oil Corporation 2063 Main Street, Ste. 501 Oakley, CA 94561

RAFAT A, SHAHID, Assistant Agency Director

ALAMEDA COUNTY DEPT. OF ENVIRONMENTAL HEALTH ENVIRONMENTAL PROTECTION DIVISION 1131 HARBOR BAY PKWY., #250 ALAMEDA CA 94502-6577

(FORMER) MOBIL OIL SERVICE STATION 04-H6J, 1024 MAIN STREET RE: (SANTA RITA ROAD), PLEASANTON

Dear Ms. Foutch:

The agency oversight responsibility for the environmental investigation at the referenced site has recently been delegated to Alameda County Environmental Health Department's Local Oversight Program (LOP), at the request of the city of Pleasanton (City). I have just completed a cursory review of the case file made available to this office by the Pleasanton Fire Department. This review indicates the case file is incomplete.

Please forward copies of <u>all</u> reports or other documents which pertain to past environmental work occurring at this site prior to March 1991. Specifically, we request all reports and other related documents predating the January 21, 1991 Alton Geoscience Proposal for Phase III - Remedial Investigation and Feasibility Study, submitted to the City under Mobil cover dated March 29, The scope of this request for information also includes reports documenting the 1989 tank closures.

Please submit these data as soon as you are able, preferably within the next 30 days. Please feel free to contact me at 510/567-6783, or -6700, should you have any questions.

Sincerel

Seery, CHMM

≲enk⁄or Hązardous Materials Specialist

Rafat A. Shahid, Agency Director cc: Tom Peacock, ACDEH LOP

Gil Jensen, Alameda County District Attorney's Office Kevin Graves, RWQCB

Bill Halvorsen, Pleasanton Fire Department, Station 1 Barton and Bonnie Yates, Rte. 4, Box 320

Bonne Terre, MO 63628

Ron Sheele, Alton Geoscience