

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY



DAVID J. KEARS, Agency Director

RO#1178

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

June 18, 1996

Ms. Laurie Buckman
Blymyer Engineers, Inc.
1829 Clement Ave.
Alameda CA 94501-1395

**Re: Reuse of Soils and Groundwater at Gallagher & Burk, 344
High St., Oakland CA 94601**

Dear Ms. Buckman:

Our office has reviewed the analytical results typical of the soil cuttings and waste water in drums which you are proposing to reuse in the asphalt production process at the above plant. This consists of 1 (one) 55 gallon drum of soil cuttings and 4 (four) 55 gallon drums of waste water. Based on these results, our office has no objection with the reuse of this soil and water in the production process.

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

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

c: G. Coleman, files

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



R01178

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

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

April 22, 1993
StID # 3763

Mr. Mark Welling
Gallagher and Burk, Inc.
344 High St.
Oakland CA 94601

**Re: Comment on April 6, 1993 Limited Subsurface Investigation
Report for 344 High St., Oakland CA 94601**

Dear Mr. Welling:

Our office has received and reviewed the above referenced report prepared by Blymyer Engineers, Inc. detailing the installation of two borings and sampling of monitoring well MW-1. Our office agrees with the recommendation and conclusion presented in this report ie no further soil investigation will be required and that monitoring of MW-1 should continue at least two additional quarters to verify no groundwater impact at this site.

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

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

cc: R. Hiett, RWQCB
L. Buckman, Blymyer Engineers, Inc., 1829 Clement Ave.,
Alameda, CA 94501-1395
E. Howell, files

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Oakland, CA 94621
(510) 271-4530

March 3, 1993
StID # 3763

Mr. Mark Welling
Gallagher and Burk, Inc.
344 High St.
Oakland CA 94601

**Re: Comment on February 26, 1993 Revised Work Plan for Gallagher
and Burk, Inc., 344 High St., Oakland CA 94601**

Dear Mr. Welling:

Our office has received the revised work plan for the above site as prepared by Blymyer Engineers, Inc. It addresses my concerns as discussed in my February 24, 1993 meeting with Laurie Buckman and Mike Lewis from Blymyer Engineers. The plan for advancing borings at both ends of the former diesel/oil tank is acceptable. Based on the analytical results on these boring samples, only continued monitoring of MW1 may be required.

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

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

cc: R. Hiatt, RWQCB
L. Buckman, Blymyer Engineers, Inc., 1829 Clement Ave.,
Alameda, CA 94501-1395
E. Howell, files

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ALAMEDA COUNTY
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State Water Resources Control Board
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80 Swan Way, Rm 200
Oakland, CA 94621
(510) 271-4530

December 3, 1992
STID # 3763

Mr. Mark Welling
Gallagher and Burk, Inc.
344 High St.
Oakland CA 94601

**Re: Comment on October 29, 1992 Request for Site Closure at
Gallagher and Burk, 344 High St., Oakland CA 94601**

Dear Mr. Welling:

Please be advised that the oversight of the remediation of this site has been transferred to the Local Oversight Program (LOP) and the new contact person is the undersigned Hazardous Materials Specialist. Our office has received Blymyer Engineers' October 29, 1992 letter request for site closure. Upon review of the various reports on this site our office has the following concerns which need to be addressed prior to any recommendation:

I understand that of the nine tanks removed at this site, six of the tanks contained asphalt oil and therefore were not regulated. Because of this, all requirements of the Tri-Regional Board Guidelines were not deemed necessary and that Cynthia Chapman made recommendations based on this premise.

1. The first group of tanks removed in 9/90 were a 10k gasoline and a 200 gallon waste oil. The soil samples taken from these two excavations were non-detectable for the appropriate parameters. However, 1.6 ppb xylenes was found in the water sample taken from the gasoline pit and 1300 parts per million (ppm) non-polar oil and grease was found in the stockpiled soils from the waste oil tank. Based on the low concentration of xylene in this water sample and non-detectable concentration of hydrocarbons in the soil sample under the waste oil tank, no further work is required by our office.

2. The second set of tanks consisted of five tanks in a common excavation pit. Of these five, tank C, the 10k tank, contained at one time fuel, either diesel, waste oil or a combination of the two and was thus a regulated tank. Unfortunately, only total oil and grease and non-polar oil and grease via Method 418.1 was run on these samples.

Mr. Mark Welling
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Recall that the appropriate analysis compounds for a waste oil tank includes TPH g, TPHd, oil and grease, BTEX, chlorinated hydrocarbons, five selected heavy metals and semi-volatiles. Also, I assume that because the high levels of non-polar TOG were only found in samples next to the 12k asphalt and 33k asphalt tanks, it was decided that no further work other than overexcavation in these areas to less than 100 ppm TOG would be required. There is some merit to that argument but the additional waste oil parameters should have been run on at least the soil samples taken around tank C. A monitoring well may also be appropriate given the 1700 and 2600 ppm non-polar TOG found in soil samples S-8 and S-10 since the source of this contamination is unclear. It could have originated from waste oil which at one time was stored in tank C.

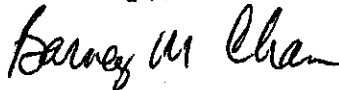
3. The third tank removal consisted of removing a 24k and a 3k asphalt oil tank. Because of obvious visual hydrocarbon release, stockpile soil concentrations as high as 4400 ppm TOG and the result of sample S-1(13') of 210 ppm non-polar TOG, one monitoring well was installed in the assumed downgradient location relative to the excavation pit. The three test pits dug and sampled around these tanks also indicated high TOG, Hydrocarbon TOG and diesel contamination. Stockpiled soils sample, SP-7-9, had detectable BTEX at 33, 200, 47 and 640 ppb respectively. It is understandable that some of the waste oil parameters would not be necessary for four consecutive quarters however BTEX may have been discontinued prematurely given the existence of detectable concentrations in the stockpile sample. I understand that Mr. Paul Smith of our office approved of the discontinuance of the analysis of BTEX. Upon speaking with Mr. Smith, I found out that he was unaware that BTEX was found in the stockpiled soils when he agreed to discontinue the monitoring for these constituents. Our office therefore requests the continuance of groundwater sampling from MW-1. The water sample should be run for Hydrocarbon Oil and Grease, TPH as diesel and BTEX.

Prior to any recommendation from our office we will need this additional monitoring and we will also need to resolve item 2 mentioned above. To this end, please provide a written response regarding the above issues to our office **within 30 days** of receipt of this letter.

Mr. Mark Welling
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Page 3.

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

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

cc: G. Jensen, Alameda County District Attorney Office
R. Hiatt, RWQCB
L. Buckman, Blymyer Engineers, Inc., 1829 Clement Ave.,
Alameda, CA 94501-1395
E. Howell, files

344HighSt