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Alameda County
Environmental Health

July 13, 2009

Mrs. Barbara Jakub, P.G.
Alameda County
Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502

**Re: Addendum to Revised Site Assessment Work Plan
dated March 24, 2009 – Justification for Moving
Offsite Borings to Onsite**

76 Station No. 6129
3420 35th Avenue
Oakland, California
LOP No. R00000058



Dear Ms. Jakub:

This letter has been prepared by Delta Consultants (Delta) on behalf of ConocoPhillips Company (COP). The justification to move all offsite borings to onsite is presented below.

Justification to Moving Offsite Borings to Onsite

This letter is in response to your letter dated July 6, 2009, regarding the need for justifications to the Revised Site Assessment Work Plan dated March 24, 2009.

I understand the revised Site Assessment Work Plan dated March 24, 2009, is a modification of the original Site Assessment Work Plan dated September 9, 2008. I would like to justify to you why the modifications were made.

The original site map that contained three borings in 35th Avenue contained several built-in problems. The avenue itself is a major artery that has an over-crossing above highway 580 located to the immediate southwest of the station. Directly northwest of the dispenser island is a Muni bus stop that children use to get to the nearby schools and shopping areas. Blocking the outboard lane of this avenue would entail Muni to temporarily move its bus stop. This would have required Delta to advertise in the local newspaper that the bus stop would be temporarily moved.

Blocking this lane would also be a detriment to the on-ramp for west-bound 580. Getting the permits to do this work would be an exercise in futility.

a member of:



The CalTrans property immediately southwest of the station along the southwest property line also presented a problem. Two proposed borings (B-26 and B-27) were located in this area. The area in question is heavily vegetated with a very narrow pathway or shelf (see attached pictures). At an approximate depth of 16-feet lies a CalTrans storm drain. This storm drain goes northwest along the freeway based on the evidence of storm drain grates in 35th Avenue. CalTrans would not permit any drilling in this area. Besides not having the sufficient room to drill or maneuver a machine (a distinct safety hazard) in this narrow area, the grade of the slope above highway 580, the heavy vegetation, and the existence of the storm drain line located approximately 16 feet below grade, are very serious impediments to safe and successful work within this area.

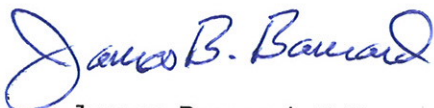
In the original Site Assessment Work Plan dated September 9, 2008, it was stated that eleven proposed soil borings would be performed. The revised site assessment work plan has ten proposed soil borings. The soil boring that was eliminated was B-27 located within the CalTrans easement above highway 580 and the CalTrans storm drain. The reason for this removal was that boring B-2 and boring SB-5 had properly identified that southwest area onsite. Proposed soil B-26 was moved to the area of proposed monitoring wells MW-4 and MW-4A.

It is the professional opinion of Delta Consultants that allowing Delta to keep the borings onsite creates a far better measure of safety and reduces the potential for harm to the public due to improved site controls. By keeping the borings onsite, we avoid having to cause traffic disruptions and the Muni bus stop confusion, and yet still properly assess any horizontal or vertical contamination.

Delta respectfully requests that Alameda County Department of Health accept the modifications in the Revised Site Assessment Work Plan dated March 24, 2009, with this letter of justification.

Please call James Barnard at (916) 503-1279 if you have any questions regarding the contents of this report.

Sincerely,
Delta Consultants



James Barnard, P.G.
Senior Project Manager
California Registered Professional Geologist No. 7478



cc: Mr. Terry Grayson – ConocoPhillips (electronic copy)

Attachments

Photo 1 – Looking southeast along CalTrans easement and southwest property line

Photo 2 – Storm drain in 35th Avenue on the northwest side of the station



