



# OSLIN GEOTECHNICAL

CIVIL, SOIL, GEOLOGICAL & MINING  
ENGINEERING CONSULTANTS  
MATERIALS TESTING SERVICES



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September 19, 1993  
Project 218

Alameda County Health Care Services ((510) 271-4530  
Department of Environmental Health  
80 Swan Way, Room 200  
Oakland, CA  
94621

Attn: Mr. Barney Chan, Hazardous Materials Specialist

RE: Snow Cleaners, 2687 Coolidge Ave., Oakland, CA: RESPONSE TO  
AUGUST 17 LETTER AND PROJECT SCHEDULE UPDATE

Dear Mr. Chan:

This letter is in response to your letter to Mr. Turner of Snow Cleaners dated August 17, 1993.

We apologize for leaving out the typical well construction plan from our July 30 letter to you. It has been included with letter. We concur in general with your encouragement of 15 feet of screening of wells in the vicinity of the "water table". Our general policy is to screen at least five feet above the water level at time of drilling, and for at least five feet, and preferably approaching 10 feet, below the water table. We presently understand that you have informed Mr. Chris Pruner of Kvilhaug Drilling - our drilling contractor for this project - that you estimate water levels in the 60 ± foot depth range at the subject site. It has been our general experience - mostly with inland sites - that the water table dropped some during the recent six years of drought, and that the last year of more-than-average rainfall did not substantially impact the ground water table to yet recover lost depth. Therefore, we have been more inclined to screen higher above the water table, and less deep into it - splitting the table about halfway with our screened sections instead of 34-66 %. In your experience, has a corresponding drop in water table elevation occurred in the general area of Oakland that Snow Cleaners occupies. If it has, we would suggest considering screening approximately both 7.5 feet above and below the present water table. We will clarify this with you either verbally or in writing prior to drilling, and will screen the wells in whichever manner you deem most appropriate. We will use 15 feet of screening in each well, it is just a matter of determining the distribution.

Paragraph Number 2 recommends running TPHd and TPHmo tests, or equivalent, on the groundwater samples. This will be done.

Paragraph 3 requests additional sites for soil borings. At the immediate time this letter is written, we tend to agree with you that the lateral extent of contamination may not be adequately defined with the three borings planned. It is our understanding that the soils found during tank removal were very "tight"; and that some product was still present in the immediate vicinity of the non-intact tanks, even though the tanks had reportedly not been filled in over 25 years. This implies to us at least some areas of very low permeability soils, a [REDACTED]

We therefore request that the data from the three borings now planned be assessed prior to submitting a map for additional borings based upon insufficient, or at least incomplete data. As you are aware, finding locations for the three wells planned has taken some coordination and cooperation of both neighbors and the City of Oakland. As you may or may not be aware, Mr. Turner is in the process of attempting to move his operation from this site, probably within one to two years. It is our present understanding that it is his intent to remove the building from the 2687 Coolidge Avenue site after the cleaning operation has moved. When this is completed, it will allow use of drilling equipment that can explore to depths of beyond 25 or more feet in areas now occupied by structures. Within the structures as they exist at the present time, hand-operated equipment that we are aware of has very limited drilling capabilities for even moderately deep exploration. We therefore request that, [REDACTED]

[REDACTED] ok

From our standpoint, this would best be done as or immediately after the building is demolished.

If contamination due to the dry cleaning operation is found in any of the three proposed borings, we agree that relatively rapid follow-up by additional borings be done to help determine extent of such contamination. Since we do not yet know IF, much less WHERE, such contamination exists, providing a map of borings to assess it seems premature. We therefore propose to address this potential problem, if it exists, within our report to you transmitting the results of the present drilling evaluation. We anticipate such a report will be available within four weeks of completion of the present proposed drilling. In the spirit of your request, IF perc, Stoddard solvent or other dry-cleaning related contamination is found, we anticipate having a continued drilling program to evaluate this contamination within four to six weeks of submitting

Mr. Chan

Project 218

September 19, 1993

our report to you. This implies additional drilling would occur sometime during November or early December.

As you are aware, Kvilhaug Drilling has been on-site and evaluated the site access for the proposed drilling. They are also assisting in obtaining permits, and it is our intention to drill the three proposed monitor wells during late September or early October, 1993. We will coordinate further, more specific drill dates with you verbally, to be followed with written communication.

If you have further questions or comments, please contact our office.



Very truly yours,  
**JOSLIN GEOTECHNICAL**

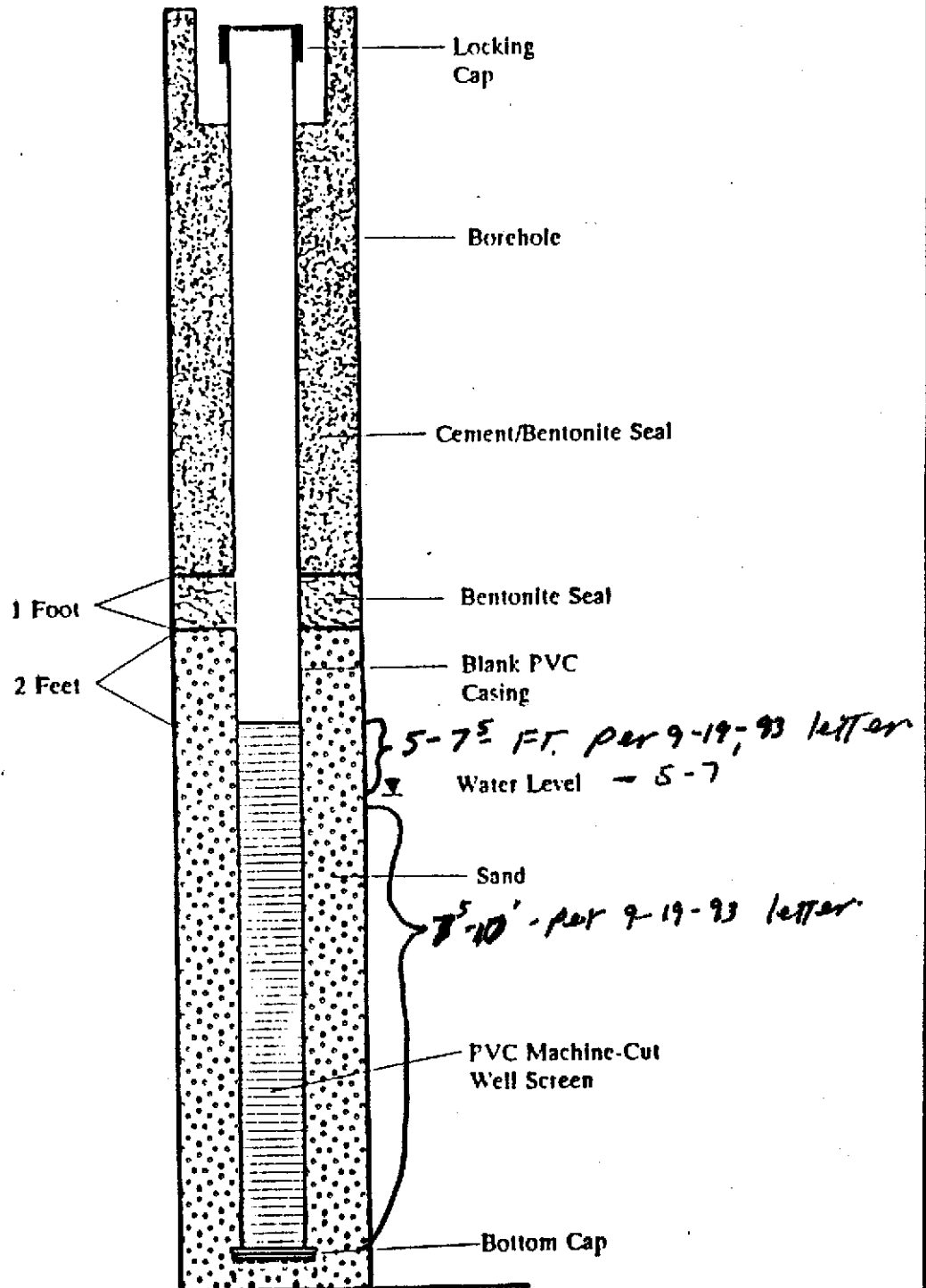
*Robert D. Joslin*

Robert D. Joslin, PE  
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cc: Mr. Harold Turner  
R. Hiatt, RWQCB

# MONITORING WELL CONSTRUCTION DETAILS

## Underground Tank Investigations



NO SCALE!

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SNOW CLEANERS  
OAKLAND, CALIFORNIA

9-19-93  
PLATE  
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