



December 4, 1991

91 DEC -9 11:23

Mr. Scott Seery
Alameda County Health, Dept. of Env. Health
80 Swan Way, Room 200
Oakland, Ca. 94621

Re: Adds to Clark's Woodworking Workplan/Proposal for Soil and Groundwater Investigation Services at 2620 Norbridge Ave., Castro Valley, Ca., dated August 2, 1991

Dear Mr. Seery,

The following information is hereby provided as a supplement to the above referenced document. The information contained herein was requested by yourself during one of our telephone conversations of Nov., 1991. The document submitted on behalf of Mr. Clark was lacking some of the detailed information regarding soil and groundwater sampling techniques and surveying plans. It was your intention to approve the workplan, inclusive of these adds, upon receipt of the needed information.

Soil Sampling:

Selected soil samples will be submitted to a State Certified Hazardous Waste Analytical lab (#E694) for chemical analysis. Selected soil samples will be contained in precleaned brass sample tubes which are first permanently labeled, then sealed with aluminum foil and plastic caps secured with tape. One sample from each five foot interval drilled will be submitted for analysis. The samples will be placed into a cooler with ice and transported to the lab following chain of custody procedures.

Soil cuttings will be disposed of following all applicable regulations after sample results are available.

Groundwater Sampling:

Groundwater samples will be obtained on the day following development. Five well volumes will be purged by bailing or air lift pumping, then a bailer will be used to fill septum vials and amber sample bottles until there is no head space. The samples will be permanently labeled and placed into a cooler with ice for transport to
Clark's Woodworking

the lab following chain of custody procedures. Bailers and other purging/sampling tools will be cleaned with a steam cleaner or Alconox solution prior to each use. Used waters will be contained on site in labeled, DOT 17H/E drums.

Sample Analyses:

Samples submitted to the lab will be analyzed using EPA methods 5030/8015 for TPH as gasoline and 602/8020 for BTEX. Field QA/QC procedures will include field blanks for groundwater samples. Lab QA/QC data will be printed on the lab report and will include blank and spike recovery.

Site Survey:

The top of the well casing will be surveyed by a State Licensed Land Surveyor to an established vertical datum with 0.01' accuracy.

Figure 3, the Typical Monitoring Well Completion figure, is attached.

Please call me with your questions or concerns.

Respectfully,
Aqua Science Engineers, Inc.


Greg Gouvea
Project Geologist

attach.

cc. Mr. Larry Clark

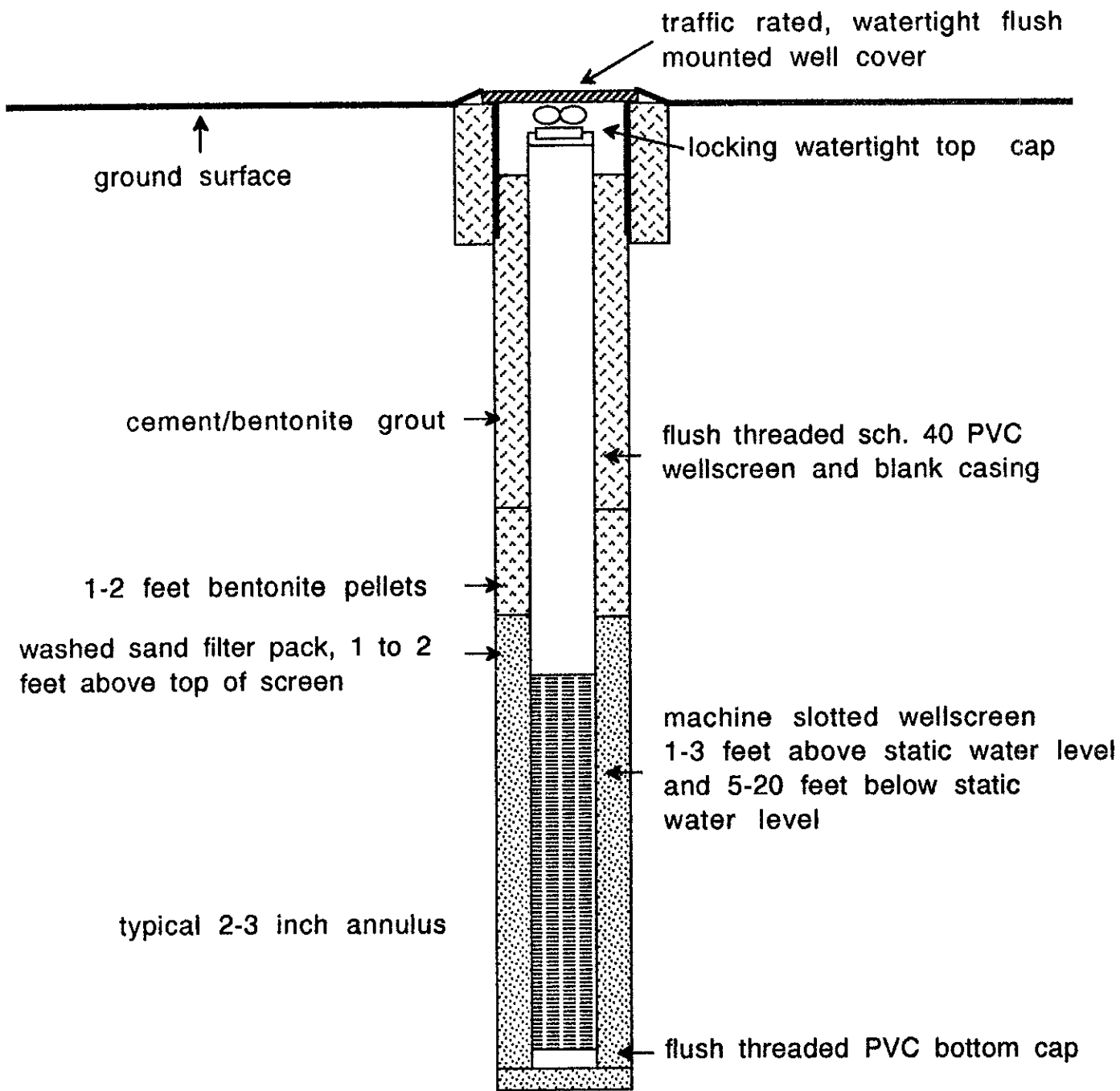


Figure 3
 Typical Monitor Well
 in Cross Section
Aqua Science Engineers, Inc.
not to scale