

New Aquifer Filling Station

Updated 5-2-17

Piping System

- Arrange piping system to draw water from settling tank being careful to keep inlet a minimum of 1-2 feet above the bottom of the tank to avoid settlement residue.



Locate the Filling Station

- Filling station should be located at the property line outside of the construction fence.
- Try to locate the station in a place where parked vehicles will not prevent equipment from using it, i.e. on a corner, near at the edge of a driveway, etc.
- The filling station should be accessible 24/7.



Filling System

- Piping runs from the settling tank to a pump capable of filling a ~2700 gallon water truck in 10 minutes.
- Outlet of pump runs to lockable box where a standpipe is constructed.
- Standpipe contains a valve and outlet fitted with a **FEMALE 2 ½" NH** threaded fitting (Fire hydrant threads).
- Inside or outside next to the box is located a switch to operate the pump. GFI outlets and in use covers should be used.
- A hose with a male connection shall be stored in the box to allow the water to be used for dust control onsite and for filling tanks without pre-attached hoses or fittings.



Log Sheets

- Copies of log sheets with a pen shall be attached to the inside of the door of the filling station.
- Users of the water filling station shall fill out the form for each use.

Log Sheet: Available from Public Works

CITY OF PALO ALTO
PUBLIC WORKS
Dewatering Water Usage
Month of _____

Date/Time	Vehicle Type & #	Agency	Gallons

Prepared by: _____ TOTAL: _____

Instructions

- Attach a copy of operating instructions to the inside of the box.
- Sample instructions:



Lock combo is

Hook up your hose then open the valve and turn on the switch above the outlet with the power cord and filler up.

Security

- Box should be sturdy and locked with a 4 digit combination lock; combination = 2,4,6,8



Important Notification

- Contractor shall notify Public Works – Engineering Services ONE WEEK prior to ending dewatering operations.
- This will allow City staff to adjust vehicle operations and routes accordingly.

Questions?

- **Contact:**

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