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

<table>
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<th>Date/Time</th>
<th>Vehicle Type &amp; #</th>
<th>Agency</th>
<th>Gallons</th>
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Prepared by: _______________  TOTAL: ____________________
Instructions

• Attach a copy of operating instructions to the inside of the box.

• Sample instructions:
  
  Hook up your hose then open the valve and turn on the switch above the outlet with the power cord and fill 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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  mike.nafziger@cityofpaloalto.org
  Or,
  Public Works – Engineering Services
  (650) 329-2152