Vehicle Wash Area Requirements

OIL/WATER SEPARATOR

The vehicle wash area shall be permanently covered (plastic, canvas, etc. not allowed) and awnings shall be placed over the open sides of the vehicle wash area. The awnings shall extend past the edge of the wash pad a distance equal to 1/2 the height of the opening.

The area around the vehicle wash pad shall be graded away from the vehicle wash slab. The purpose for this is to keep storm water runoff and other materials from entering the sewer system.

The water supply for the vehicle wash area shall be served by a dedicated hose bib, which shall have a water meter, that records the volume used in gallons. This is needed to verify the volume of water discharged to the sanitary sewer.

A sand and oil separator is required in the vehicle wash area. Refer to NSD Standard Specifications for Grease & Sandtrap 1967. Typical dimensions: Length (5'0") Width (2'6"), Height (3'1"). Approximately 39' cubed. The cost for the unit is approximately $2,000.00–$3,000.00.

The sand and oil separator shall be cleaned at least once per year, more if necessary to maintain proper operation of treatment.

In the Sewer Use Ordinance 67 Section 704.00, the District has authority to require Users to obtain a waste discharge permit and charge a fee for the permit to recover administration costs associated with each User.

A site plan meeting the above requirements and also showing how the vehicle wash will be connected to the sanitary sewer system shall be submitted to the District for approval.

The facility is required to submit to the District the anticipated average amount of water in gallons that will be used per day in the vehicle wash area and pay the appropriate connection fee. The District will monitor the amount of water actually used and additional connection fees will be required if the usage is greater than anticipated The fee will be based on the following formula:

$$\frac{\text{Avg. gpd}}{210} \times .7 \text{ strength factor} \times .9 \text{ evaporation factor} \times \text{current EDU rate } (\$5{,}660.00)$$

Example: 20 Gals/day x 0.7 x 0.9 x 5660.00 = $339.60 For an additional fixture/source 210

Prior to discharge to the sanitary sewer, this facility must meet the above criteria as well as obtain a waste discharge permit from the Napa Sanitation District. Facility effluent monitoring for select constituents will be required at the facility's expense. The permittee of the facility is subject to the conditions of the District's Enforcement Response Plan. If the facility wastewater does not meet the District local limits, the facility will be required to increase monitoring of the effluent discharge, modify the treatment unit, install alternate or additional pretreatment equipment, or discontinue discharge to the sanitary sewer. Facility fees to NSD for analysis and administration (inspection, record-keeping, etc.) shall also apply.

Key: avg. = average
GPD = Gallons per day
EDU = Equivalent Dwelling Unit