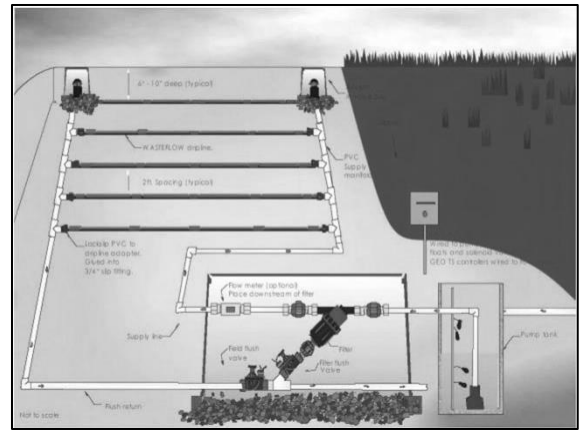


SUBSURFACE DRIP DISPERSAL SYSTEM

OWTS OM&M MAINTENANCE REQUIREMENTS

Yolo County

Dept. of Community Services ~ Environmental Health Division
 292 West Beamer, Woodland, CA 95695
 (530) 666-8646



yolocounty.org/community-services/environmental-health-services

What is a Subsurface Drip Dispersal System?

Subsurface Drip Dispersal is a method for dispersal of treated wastewater that uses special drip tubing designed for use with wastewater. The dripline is pressurized and is placed normally 8-12 inches below ground surface and makes use of the most biologically active soil zone for distribution, nutrient uptake and evapotranspiration of the wastewater. Prior to dispersal through this system, the effluent requires supplemental treatment; therefore, this type of system required an annual Operating Permit.

Subsurface Drip Dispersal OWTS Management Requirements:

	Work <i>This work to be done by the approved Service Provider ONLY.</i>	Frequency
Inspection	<ul style="list-style-type: none"> Conduct routine visual observations of drip field, downslope area and surroundings for wet areas, pipe leaks or damage, Soil erosion, drainage issues, abnormal vegetation, gophers or other problems. Conduct routine physical inspections of system components, including valves, filters, and headworks box(es). Indication of Effluent breakout or ponding Area verified free from roads, structures, vehicular traffic, and surface water drainage is diverted. Observation or Inspection ports in good condition and accessible. Perform all inspections of pump and appurtenances Perform special inspections of drip field at time of any landscaping work or other digging in drip field area. Perform inspections of dosing pump(s) and appurtenances Record observations. 	<ul style="list-style-type: none"> Inspection should be conducted at the same time as the Supplemental Treatment System.
Maintenance	<ul style="list-style-type: none"> Manually remove and clean filter. Clean and check operation of pressure reducing valves. Clean flush valves and vacuum release valves. 	Recommend: <ul style="list-style-type: none"> Clean filter every 6 months. Other maintenance annually.
Water Monitoring & Sampling	<ul style="list-style-type: none"> Measure and record water levels in dispersal field monitoring ports, as applicable, per Permit requirements. Obtain and analyze water samples from dispersal field monitoring ports, as applicable, per Permit requirements. 	<ul style="list-style-type: none"> Water monitoring and sampling will take place with the associated Supplemental Treatment System.
Reporting	<ul style="list-style-type: none"> Report findings to YCEH per Operating Permit requirements. Standard report to include dates, monitoring port and other data collected, work performed, corrective actions taken, and performance summary. Report public health/water quality emergency to YCEH immediately. 	<ul style="list-style-type: none"> Reporting should be conducted at the same time as associated the Supplemental Treatment System. *

***Annual Operating Permit Report:** See Supplemental Treatment OM&M Reporting Requirements. The subsurface drip dispersal system shall be inspected at the same time of the supplemental treatment unit and shall be included in the annual report to YCEH.