

Record Drawing Guidance

Requirements for all record drawings

All record drawings must include information listed in [Environmental Health Code Chapter 2, Section 30 C](#). See below for technical specifications required on all system types and other specifications required for specific system types.

Technical specifications for all system types

- Gallons per day.
- Lateral size and class.
- Make, model, type, purpose, and capacity including:
 - Tanks, pumps, and effluent filters.
 - Inspection and maintenance ports.
 - Distribution devices.
 - Timer panel.
 - Treatment devices.
- Cover material depth.
- Trench or bed depth and width.
- Distribution medium such as washed drainrock or gravelless chamber.

Pressure Distribution, Pretreated Pressure Distribution and Pump to Gravity

- Dose size and number of doses per day.
- Orifice size and spacing.
- Draw down test results in inches per minute and gallons per minute.
- Pump run time for a complete dose or timer settings.
- Dose counter and elapsed time readings.
- Residual pressure at the ends of the distribution lines.
- Make, model, type, purpose, and capacity of treatment devices.

Sand Lined Trench/Bed

- Orifice spacing less than 1 orifice/6 square feet.
- Width of sand collar, when present.
- Sand media used.
- Total installation depth and gravel bed/gravelless chamber depth.

Record Drawing Guidance

Subsurface Drip

| System Specifications | |
|-------------------------------|-------|
| Item | Value |
| Gallons per day | |
| Pre-filter dosing pressure | psi |
| Post-filter dosing pressure | psi |
| Return line dosing pressure | psi |
| Dose flow rate | gpm |
| Flush flow – automatic | gpm |
| Operational flow - continuous | gpm |
| Installation depth | |
| Cover depth | |
| Timer on | |
| Timer off | |
| Emitter spacing | |
| Dripline spacing | |
| Make/model of dripline | |

Additional site plan elements:

- Diagram of headworks.
- Headworks setup instructions.
- Return and supply drip lines.
- Location of air relief valves.

Record Drawing Guidance

OSCAR II, III and XO2

| System Specifications | |
|----------------------------------|-------|
| Item | Value |
| Type of OSCAR | |
| Gallons per day | |
| G1 dosing pressure (pre-filter) | psi |
| G2 dosing pressure (post-filter) | psi |
| G3 dosing pressure (flush line) | psi |
| Dose flow rate | gpm |
| Number of coils | |
| Sand depth below coils | |
| Sand cover depth | |
| Coil size (e.g. OS-50 or OS-100) | |
| Timer on | |
| Timer off | |
| Basal dimensions (L x W) | |

Additional site plan elements:

- Coil arrangement.
- Inspection ports.
- OSCAR reserve area must include coil size.