

US EPA ARCHIVE DOCUMENT



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION IX LABORATORY
1337 S. 46TH STREET
BLDG 201
RICHMOND, CA 94804-4698

Fact Sheet EPA Region 9 Mobile Microbiology Laboratory



Specifications:

- ✓ 2008 Dodge Sprinter Cargo Van
- ✓ 8 KW Diesel Generator
- ✓ Roof Mount 60-Watt Solar Panel
- ✓ 2 – 105 Amp Deep Cycle Batteries
- ✓ Roof Mounted HVAC
- ✓ 2.7 cubic foot refrigerator
- ✓ 16 linear Feet of Bench Space
- ✓ Class 3 hitch with 7500 lb towing capacity
- ✓ 6 cubic foot microbiology incubator and waterbath

The EPA Region 9 Mobile Laboratory was designed for maximum flexibility to serve the needs of multiple EPA programs including Air, Superfund and Water. In a Water Supply Emergency the interior can be rapidly re-configured to perform drinking water microbiological analyses.

Equipment

The mobile lab has the emergency capability to perform 400 drinking water analyses for total coliforms and *E. coli* using the Colilert-18 method.

Microbiology media, sample bottles and equipment including two incubators, a waterbath and microbiology thermometers are stored at the Region 9 Laboratory Warehouse for immediate deployment and use. Quality Control checks are maintained for all supplies and equipment. Quantification is available if needed.

The lab can also be used for remote ambient water quality monitoring of coliforms, *E. coli* and enterococci, using the Enterolert method.



Contact:

Andrew Lincoff – EPA Region 9 Laboratory Field & Biology Team
510.412.2330