

LAB/PLANT UPGRADE

CLIENT: Molecular Probes, Inc.
LOCATION: Eugene, Oregon

Client is a major biotechnology company in Oregon, developing and manufacturing sophisticated fluorescence compounds are used worldwide in medical research. For renovation of laboratory/manufacturing facilities, Molecular Probes, Inc. (MPI) selected Evergreen Engineering (Evergreen).

The project covered architectural, structural, and systems retrofit modifications to approximately 10,600 sq ft area of laboratory/manufacturing and support facilities in two connected buildings. Included installation of new lab hoods, vacuum system, and equipment, plus an additional approximately 5,600 sq ft of outside installation of new HVAC equipment alongside the buildings, and mounting of ductwork on top of the buildings. Also involved major modifications to utilities systems. The systems and facilities use a large variety of chemicals, so the design had to accommodate code occupancy requirements.

Evergreen completed preliminary engineering, capital cost estimation, detailed engineering and specifications; assisted with vendor/contractor solicitations, evaluation and selection; and provided construction/installation technical support.

Engineering Services Provided on This Project:

- Architectural
 - Space, Occupancy, Access/Egress
 - Materials
 - Fixtures
- Mechanical
 - Piping
 - Utilities
 - Vacuum System
 - HVAC
- Electrical
 - Power Study
 - Power Distribution and Lighting
- Civil/Structural
 - Building structural modifications for increased roof loading and revision of load-bearing walls
- Environmental
 - Designed for compliance with air emission requirements without complex control equipment



EVERGREEN ENGINEERING

Eugene, Oregon (541) 484-4771 • Fax (541) 484-6759
Hillsboro, Oregon (503) 439-8777 • Fax (503) 439-8767

www.evergreenengineering.com