



UTILITY SYSTEMS

FACILITIES MAINTENANCE SERVICES

**NASA Ames Research Center
MOFFETT FIELD, CA 94035-1000**

PLUMBING/UNDERGROUND PIPING SYSTEMS

Natural Gas System:

- PG&E provides Natural Gas to Ames Research Center from three locations
- Approximately 21.8 miles of underground piping systems ranging from ½ inch to 8 inches consisting of Steel and PE

Domestic Water System:

- San Francisco Water District provides domestic water to Ames Research Center from three locations
- Approximately 43.6 miles of domestic/fire water distribution systems ranging from ¾-inch to 24-inches consisting of Copper, Cast Iron, PVC, Asbestos Cement Pipe, and Cement Lined Ductile Iron Pipe

PLUMBING/UNDERGROUND PIPING SYSTEMS - 2

Sanitary Sewer System:

- Sanitary sewer exits the Ames Research Center from two locations
 - Gravity drain to the Palo Alto treatment plant
 - Forced main to the Sunnyvale treatment plant
- Approximately 24.5 miles of underground piping systems ranging from 3-inch to 27 inches consisting of Vitrified Clay, Cast Iron, and PVC

Storm Drain System:

- Approximately 11.8 miles of storm drainage piping and approximately 4.5 miles of open culvert ditches consisting of Vitrified Clay, Corrugated Steel, Galvanized Steel, Reinforced Concrete, PVC, and Cast Iron

PLUMBING SYSTEMS MAINTENANCE

- Domestic Water Systems
- De-ionized Water Systems
- Emergency Eyewash/Showers
- Fire Suppression Systems
- Sanitary and Storm Drain Maintenance
- Dye Testing Drains for Illicit Connections
- Steam Heating System

PLUMBING SYSTEMS MAINTENANCE - 2

- Backflow Protection/Certification
- Domestic Hot Water Heaters
- Certification/Calibration on Flow Meters and pH Meter
- Sump Pumps/Sewer Ejection Pumps
- Pressure Regulators & Reducing Stations
- Fire Hydrants
- CO2 systems

- Follow all Federal, State, and local codes and standards while maintaining, repairing, or replacing any utility system at Moffett Field