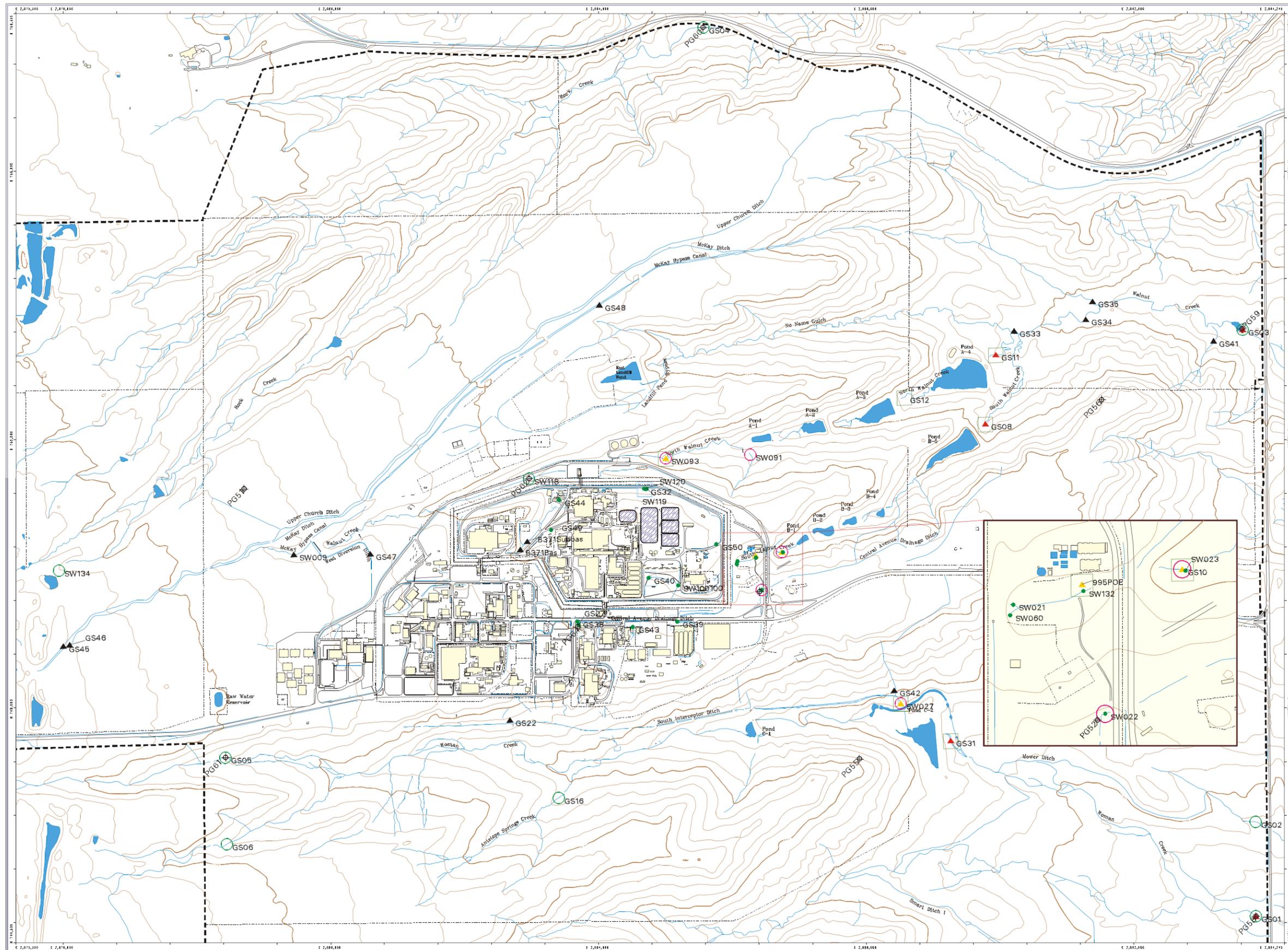


**Figure 3-1
Automated Surface Water
Monitoring Locations
and Precipitation Gages
for Fiscal Year 2001**



EXPLANATION

- ⊕ Precipitation Gage
- Monitoring Location Objective***
- Buffer Zone Hydrologic
- New Source Detection
- ▲ Point of Compliance
- ▲ Point of Evaluation
- Source Location
- ▲ Ad Hoc
- Performance
- IDLH **
- Standard Map Features**
- Buildings and other structures
- ▨ Solar Evaporation Ponds (SEP)
- Lakes and ponds
- Streams, ditches, or other drainage features
- Fences and other barriers
- Contour (20-Foot)
- - - Rocky Flats boundary
- Paved roads

DATA SOURCE BASE FEATURES:
Buildings, fences, hydrography, roads and other structures from 1994 aerial fly-over data captured by EG&G RSL, Las Vegas. Digitized from the orthophotographs, 1/95. Topology (contours) were derived from digital elevation model (DEM) data by Morrison Knudsen (MK) using ESRI Arc TIN and LATTICE to process the DEM data to create 5-foot contours. The DEM data was captured by the Remote Sensing Lab, Las Vegas, NV, 1994 Aerial Flyover at ~10 meter resolution. DEM post-processing performed by MK, Winter 1997.

NOTE:
* The monitoring objective(s) performed at each location are detailed in the Surface Water Section of the Site Integrated Monitoring Plan.
** IDLH (Immediate Danger to Life & Health) refers to the monitoring objective for safe operation of the Site detention ponds.



Scale = 1:17870
1 inch represents approximately 1489 feet

State Plane Coordinate Projection
Colorado Central Zone
Datum: NAD27

U.S. Department of Energy
Rocky Flats Environmental Technology Site

GIS Dept. 303-966-7707
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