

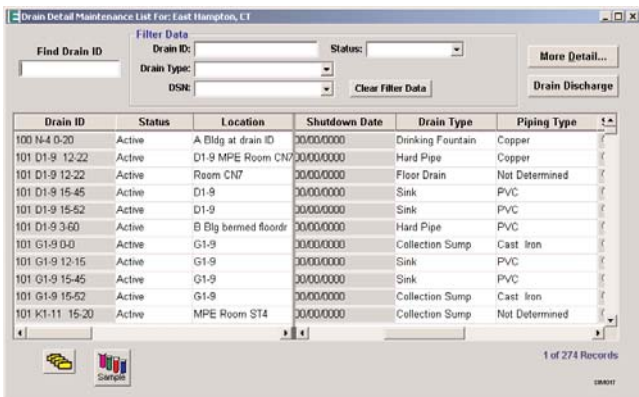


Water

The EHSdesk™ **Environment - Water** module supports the development of a comprehensive, accurate, and well-documented water inventory that enables permitting and minimizes the impact of water regulations (Clean Water Act) on operations. The drain inventory can track both NPDES and general permitted water sources. Water sources (drains and discharge points) are related to the equipment list to document a discharge flow. The discharge flow provides engineering estimates for water emissions based on flow rates. Sumps and pump out destinations may be tracked as well.

Features and Functionality

- Equipment inventory available for water related sources such as drinking fountains, compressors, and air conditioning units
- Comprehensive water inventory available to document drains, discharge points, sumps, pump out destinations, and conveyance systems



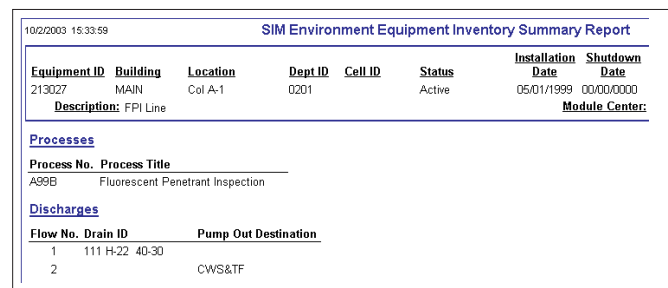
Drain ID	Status	Location	Shutdown Date	Drain Type	Piping Type
100 N-4 0-20	Active	A Bldg at drain ID	00/00/0000	Drinking Fountain	Copper
101 D1-9 12-22	Active	D1-9 MPE Room CN7	00/00/0000	Hard Pipe	Copper
101 D1-9 12-22	Active	Room CN7	00/00/0000	Floor Drain	Not Determined
101 D1-9 15-45	Active	D1-9	00/00/0000	Sink	PVC
101 D1-9 15-52	Active	D1-9	00/00/0000	Sink	PVC
101 D1-9 3-60	Active	B Bldg bermed floor	00/00/0000	Hard Pipe	PVC
101 G1-9 0-0	Active	G1-9	00/00/0000	Collection Sump	Cast Iron
101 G1-9 12-15	Active	G1-9	00/00/0000	Sink	PVC
101 G1-9 15-45	Active	G1-9	00/00/0000	Sink	PVC
101 G1-9 15-52	Active	G1-9	00/00/0000	Collection Sump	Cast Iron
101 K1-11 15-20	Active	MPE Room ST4	00/00/0000	Collection Sump	Not Determined

Drain Detail

- Drains or discharge points may be related to equipment via a discharge flow
- Discharge flows document the type of discharge, water source, treatment methods, and flow rates to calculate estimated emissions
- Materials associated with an equipment process can be assigned as a % used to the discharge
- Data for discharge monitoring, sanitary monitoring, aquatic toxicity, and water usage is readily available
- Typical users include EHS Professionals

Benefits

- Provides comprehensive emissions inventory documentation which forms the basis for data needed to satisfy permit provisions, reporting requirements, as well as other compliance and enforcement related activities
- Automates complex manual calculations to derive engineering estimates for water discharge
- Provides a single source of consistent and reliable data for compliance reporting



Equipment ID	Building	Location	Dept ID	Cell ID	Status	Installation Date	Shutdown Date
213027	MAIN	Col A-1	0201		Active	05/01/1999	00/00/0000

Discharges

Flow No.	Drain ID	Pump Out Destination
1	111 H-22 40-30	
2		CWS&TF

Inventory Report

Reports

- Ad hoc reporting is available using a flexible search window with multiple filters and sorts; query results can be printed or saved to an Excel™ or Acrobat™ format
- Water inventory listing (with formatted report)

Compliance

Facilitates compliance with 40 CFR 50 thru 85 and 40 CFR 87 thru 97



Integration Points

- EHSdesk **Sample**; view analytical results for a drain, discharge point, pump out destination, or a piece of equipment
- EHSdesk **Permits**; associate drains and discharge points to permits
- EHSdesk **STS**; assign materials and non-MSDS materials
- EHSdesk **SIM Lite**; associate drains and pump out destinations with equipment

Process Flow

