



Water

Web EHSdesk™ provides a fully integrated suite of web-based software applications designed to support administrative, operational, and business process information management associated with Environment, Health, and Safety (EHS).

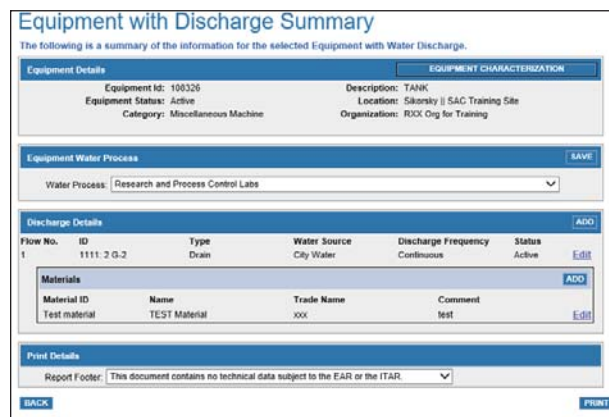
The **Environment - Water** module supports the development of a comprehensive, accurate, and well-documented water inventory that enables permitting and minimizes the impact of water regulations (Clean Water Act) on operations. The drain inventory can track both NPDES and general permitted water sources. 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, and pump out destinations
- 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

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 with Discharge Summary
The following is a summary of the information for the selected Equipment with Water Discharge.

Equipment Details | EQUIPMENT CHARACTERIZATION

Equipment ID: 100326 | Description: TANK
 Equipment Status: Active | Location: Sikorsky II SAC Training Site
 Category: Miscellaneous Machine | Organization: RXX Org for Training

Equipment Water Process | SAVE

Water Process: Research and Process Control Labs

Discharge Details | ADD

| Flow No. | ID | Type | Water Source | Discharge Frequency | Status |
|----------|-------------|-------|--------------|---------------------|--------|
| 1 | 1111: 2 Q.2 | Drain | City Water | Continuous | Active |

Materials | ADD

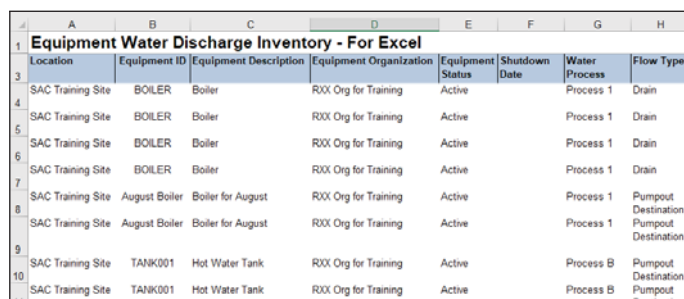
| Material ID | Name | Trade Name | Comment |
|---------------|---------------|------------|---------|
| Test material | TEST Material | xxx | test |

Print Details

Report Footer: This document contains no technical data subject to the EAR or the ITAR.

BACK | PRINT

Equipment with Discharge Summary Page



| Location | Equipment ID | Equipment Description | Equipment Organization | Equipment Status | Shutdown Date | Water Process | Flow Type |
|-------------------|---------------|-----------------------|------------------------|------------------|---------------|---------------|---------------------|
| SAC Training Site | BOILER | Boiler | RXX Org for Training | Active | | Process 1 | Drain |
| SAC Training Site | BOILER | Boiler | RXX Org for Training | Active | | Process 1 | Drain |
| SAC Training Site | BOILER | Boiler | RXX Org for Training | Active | | Process 1 | Drain |
| SAC Training Site | August Boiler | Boiler for August | RXX Org for Training | Active | | Process 1 | Pumpout Destination |
| SAC Training Site | August Boiler | Boiler for August | RXX Org for Training | Active | | Process 1 | Pumpout Destination |
| SAC Training Site | TANK001 | Hot Water Tank | RXX Org for Training | Active | | Process B | Pumpout Destination |
| SAC Training Site | TANK001 | Hot Water Tank | RXX Org for Training | Active | | Process B | Pumpout Destination |

Inventory Report

Reports

- Materials associated with an equipment process can be assigned as a % used to the discharge
- Data for discharge monitoring, sanitary monitoring, and water usage is readily available
- Typical users include EHS Professionals

- 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)

Integration Points

- EHSdesk **Regulation Manager**: associate drains and discharge points to permits
- EHSdesk **Material Tracker**: assign materials and non-MSDS materials
- EHSdesk **Equipment Characterization**: associate drains and pumpout destinations with equipment
- EHSdesk **Admin**: associate discharge details with equipment

Compliance

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



Process Flow

