



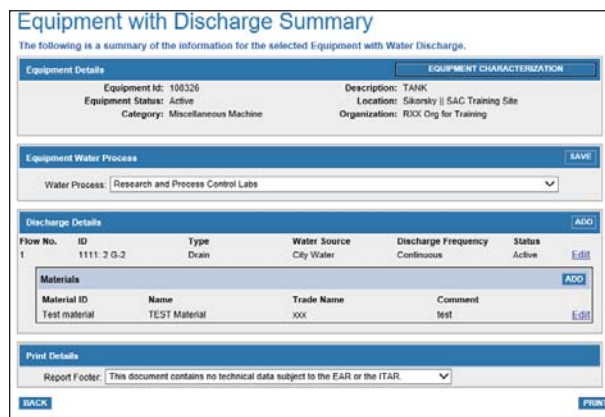
Water

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



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	Location: Sikorsky II SAC Training Site	Organization: RXX Org for Training
Equipment Status: Active	Category: Miscellaneous Machine		

Equipment Water Process [SAVE]

Water Process: Research and Process Control Labs

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

Materials			
Material ID	Name	Trade Name	Comment
Test material	TEST Material	xxx	test

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Equipment with Discharge Summary Page

- 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

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

	A	B	C	D	E	F	G	H
1	Equipment Water Discharge Inventory - For Excel							
2	Location	Equipment ID	Equipment Description	Equipment Organization	Equipment Status	Shutdown Date	Water Process	Flow Type
3	SAC Training Site	BOILER	Boiler	RXX Org for Training	Active		Process 1	Drain
4	SAC Training Site	BOILER	Boiler	RXX Org for Training	Active		Process 1	Drain
5	SAC Training Site	BOILER	Boiler	RXX Org for Training	Active		Process 1	Drain
6	SAC Training Site	BOILER	Boiler	RXX Org for Training	Active		Process 1	Drain
7	SAC Training Site	August Boiler	Boiler for August	RXX Org for Training	Active		Process 1	Pumpout Destination
8	SAC Training Site	August Boiler	Boiler for August	RXX Org for Training	Active		Process 1	Pumpout Destination
9	SAC Training Site	TANK001	Hot Water Tank	RXX Org for Training	Active		Process B	Pumpout Destination
10	SAC Training Site	TANK001	Hot Water Tank	RXX Org for Training	Active		Process B	Pumpout Destination

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)

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

