



Written Report for Hazardous Conditions

The Iowa Department of Natural Resources
Requires a written report of any Hazardous Condition.

(VERBAL REPORT REQUIRED WITHIN 6 HOURS)

Written Report. The written report of a hazardous condition shall be submitted to the department within 30 days and contain the following information (Please complete as much as possible):

DNR Spill Number for hazardous condition: 112322-TJJ-0827

Location of hazardous condition:

Physical Address 20775 Power Plant Road City Ottumwa

Legal Address Lat/Long or Twn/Rng T73N R15W Zip 52501

Other description Ottumwa Generating Station

Time and Date of onset or discovery of hazardous condition:

Time 04:00 AM PM Date 11/23/2022

Time and Date of verbal report to the department of the hazardous condition:

Time 08:27 AM PM Date 11/23/2022

Hazardous Condition:

Name of material/substance(s)	Manufacturer	Volume
Benetech BT-668	Benetech, Inc.	2,880 gallons

If more space is needed add additional pages. Attach a Material Safety Data Sheet (MSDS) if possible.

The medium in which the hazardous condition occurred/existed (Check all that apply):

Ground Water Surface Water Land Air

Weather Conditions during the time of the hazardous condition onset or discovery:

Temperature	Wind Direction	Wind Speed	Humidity	Precipitation
34F	S	3	82%	Fair

Contact Information:

	Name	Company	Mailing Address	Telephone
Person Reporting (if known)	Rob Saunders	Alliant Energy	20775 Power Plant Road, Ottumwa, IA 52501	(641) 935-2971
Party Responsible	John Watts	Alliant Energy	20775 Power Plant Road, Ottumwa, IA 52501	(641) 935-2903
Site Contact	Rob Saunders	Alliant Energy	20775 Power Plant Road, Ottumwa, IA 52501	(641) 935-2971

Cause of the Incident: Write a narrative of the events leading to the incident

Maintenance work was being done in the dumper building on the Benetech dosing system. The system was electrically racked out, which also cut the power to the system's heat tracing. Sometime during a cold period, the strainer froze and cracked. Upon thawing during the night on 11/23/2022, the system started to leak, spilling Benetech BT-668 to the ground. Inventory and usage records suggest that 2,880 gallons of BT-668 were released. No material made its way to the Low Volume Wastewater Treatment Pond.

Initial Actions Taken: Write a narrative of the initial actions and instructions taken or required.

- Upon discovery, the leak was stopped.
- Earthen berms were constructed to limit the travel across the concrete.
- Absorbent berms were placed in the driveway to limit the travel across the concrete.
- A vacuum truck was hired to vacuum up recoverable material.

Later, we will: Add language to the EIC (Energy Isolation Checklist) to indicate to be sure to activate the heat trace during maintenance in cold weather.

Written reports should include the DNR spill number and be addressed to the duty officer responding to the spill. Reports can be sent via mail, fax, or electronic mail.

Mail	Fax	Email
DNR Emergency Response 502 E 9 th St Des Moines IA 50319	515-281-7229	Emergency_Response@dnr.iowa.gov

Thank You