

**From:** [Mustico, Richard X \(DEC\)](#)  
**To:** [Barraza, Alicia A \(DEC\)](#)  
**Cc:** [Komoroske, Michael \(DEC\)](#); [Burke, Gerard \(DEC\)](#); [Utberg, Joshua D \(DEC\)](#)  
**Subject:** FW: Spill Report for Watervliet Arsenal.  
**Date:** Monday, August 06, 2018 2:21:13 PM  
**Attachments:** [report.er.1804728.2018-08-06.spillsReport.pdf](#)  
[image001.png](#)  
[image002.png](#)

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Alicia - Please see the attached regarding chromic acid condensate leak/spill. Sounds like significant excavation ongoing. Not sure if you are aware.

R4 Spills and R4 Air will be meeting at the Arsenal at 10:00 tomorrow (August 7<sup>th</sup>). I plan on attending. Thought you may be interested.

Please let me know if you will be attending.

Thanks- Rick

## **Richard A. Mustico, P.E.**

Regional Hazardous Waste Remediation Engineer, Division of Environmental Remediation

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**From:** Utberg, Joshua D (DEC)  
**Sent:** Monday, August 06, 2018 2:10 PM  
**To:** Mustico, Richard X (DEC) <[richard.mustico@dec.ny.gov](mailto:richard.mustico@dec.ny.gov)>; Potter, Benjamin J (DEC) <[benjamin.potter@dec.ny.gov](mailto:benjamin.potter@dec.ny.gov)>  
**Subject:** Spill Report for Watervliet Arsenal.

Josh Utberg  
Spill Response  
NYS DEC  
Fax (518) 357-2389  
Tel (518) 357-2388

# NYSDEC SPILL REPORT FORM

**DEC REGION:** 4 **SPILL NUMBER:** 1804728  
**SPILL NAME:** HART CHROM INC **DEC LEAD:** JDUTBERG

**CALLER NAME:** CHARLIE COLLINS **NOTIFIER'S NAME:** CHARLIE COLLINS  
**CLR'S AGENCY:** HART CHROM INC **NOTIFIER'S AGENCY:** HART CHROM INC  
**CALLER'S PHONE:** (518) 421-3477 **NOTIFIER'S PHONE:** (518) 421-3477

**SPILL DATE:** 08/01/2018 **SPILL TIME:** 8:00 am **DISPATCHER:** DABRUCE  
**CALL RECEIVED DATE:** 08/01/2018 **RECEIVED TIME:** 10:56 am

### SPILL LOCATION

**PLACE:** HART CHROM INC **COUNTY:** Albany  
**STREET:** 25 GIBSON ST **TOWN/CITY:** Watervliet (c)  
**CONTACT:** CHARLIE COLLINS **COMMUNITY:** WATERVLIET  
**CONTACT PHONE:** \_\_\_\_\_

**CONT. FACTOR:** Equipment Failure **SPILL REPORTED BY:** Other  
**FACILITY TYPE:** Commercial/Industrial **WATERBODY:** \_\_\_\_\_

**CALLER REMARKS:**

spill to paved surface/clean up crew en route/investigation underway

MATERIAL	CLASS	SPILLED	RECOVERED	RESOURCES AFFECTED
chromic acid	Hazardous Material	50.00 G		

### POTENTIAL SPILLERS

COMPANY	ADDRESS	CONTACT
HART CHROM INC	NY	

Tank No.	Tank Size	Material	Cause	Source	Test Method	Leak Rate	Gross Failure

**DEC REMARKS:**

Spill also called in by Arsenal staff under spill # 1804726. Spill being handled under this number. Telecom with Erik at Arsenal. There is a ventilation system over the **Chromic Acid tank** that is used for chrome plating. The Vent system sucks the vapors from the tank and those vapors condensed and pooled in a low area of the duck work for the vent. Eventually that condensate leaked out of the duct work and down the wall to the **pit in the building**. Arsenal's FD checked area to make sure that air quality was ok to work in. Speedy dry was put on spill and it is contained in the building. Drains in building were not impacted but do drain to on site treatment. West Central Environmental is responding to complete cleanup and dispose of material. They are also doing some exploratory excavation outside of the wall of the building to make sure no acid migrated through the wall.

JDU also called Charlie at Hart Chrom Inc. Confirmed the same story that was given by Erik. Sent Charlie an email so that he can send closure info. Charlie will contact me if anything changes or further issues are found.

8/2 JDU telecom with Charlie. Vent system is still running until chrome tank is cooled enough to be shut down. As a

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result condensate has continued to leak and has now gotten down 4 floors into the pit. The material is viscos and will have to be rinsed which will increase the volume. Spill is still contained and the plan is to eventually rinse it down the chem waste pipe to the treatment plant so that it can be stored in a bulk tank there. West central is continuing cleanup at this point.

8/3/18 JDU on site. Duct work for vent system outside of building has been uncovered. Leaks in that portion of the large 4-5' diameter venting ductwork were found. Soil and concrete structures around leaking section of vent pipe were stained from leak. Soils being removed by a guzzler truck and stored in a large steal roll off type tank and then covered. Discussed with Doug from Arsenal tentatively what would be needed for end point sampling of soil and possible further investigation. Soil in area of leak is had to access with many utilities and structures around and in the subsurface. Cleaned of the spilled material in the building is continuing.

8/6/18 Telecom with Eric Marcy at the Arsenal. They have discovered that the duct work has also leaked in an area where the duct runs through the building wall and product spilled in between a double wall. Cleanup of this tacky viscos material between the walls is taking place. Explained that some metals sampling and more specifically Chromium sampling would be required for end point soil sampling. No groundwater has been encountered yet. Relayed information to Air resources as well as Hazardous Waste Remediation.

Meeting scheduled on site for 8/7. Invited Air Resources as well as Haz Remediation to meeting.

PIN

T & A

COST CENTER

CLASS: C5

CLOSE DATE:

MEETS STANDARDS: False