

Date Prepared 05/2001  
Revised 4/22/04, 9/17/08 P Watt  
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**BMP Physical Plant #6**

**TITLE:** Underground Tank Leak Detection

**Regulatory Citation:** 6 NYCRR Part 614.5(b)(3)

**Applicability:** The interstitial spaces of all USTs must be monitored once per week:

| <b>Tank I.D.</b>                           | <b>Location</b>     |
|--|---------------------|
| HRC 1 5,000-gallon underground #2 Fuel Oil | To north of HRC     |
| GEN 1 8,000 gallon underground diesel      | North side of CoGen |

**Purpose:** To detect tank leaks.

**Department Responsible:** Stationary Engineers

**Schedule:** Once per week.

**Procedures:** The interstitial space of all tanks is monitored continuously for the presence of liquid by an interstitial probe located within each tank. If liquid is detected within the interstitial space, a local alarm will sound indicating a leak for HRC-1 and Gen-1.

Alarm procedures: During normal working hours, building occupants or Physical Plant staff would contact the Exec Mgr of Physical Plant. During non-working hours, the control panel is checked by Public Safety. If Public Safety is notified of an alarm, they will immediately notify the Exec Mgr of Physical Plant. The Exec Mgr Physical Plant, Operations Manager, or Stationary Engineers will then immediately complete an inventory check and review the monitoring system to determine the cause of the alarm.

If the cause of the alarm was due to something other than an actual leak, appropriate corrective action will be taken to address the problem and a record of the repair/actions taken kept in the tank inventory files.

If the cause of the alarm is due to a leak, the NYSDEC Spill Hotline (518-457-7362) must be notified and the tank must be taken out of service and all product must be removed from the tank until the necessary repairs or replacements are made, the cause determined and inspection and/or tightness tests are performed.

**Record keeping:** monitor system printouts, all other records of repairs, tightness testing and corrective action.

**Record Location:** Physical Plant tank files

**Contact:**

Exec Mgr of Physical Plant (629-7427)  
Assistant to Exec Mgr 629-7361  
Director of Environmental, Health and Safety (629-7163)

HVCC-BMP-PhysicalPlant#6-USTinterstitial monitoring