



STATE OF CONNECTICUT DEPARTMENT OF PUBLIC HEALTH INCIDENT REPORT

SYSTEM NAME : Region 18 Schools - Lyme Street		SYSTEM ID : CT1050492
PWS CLASS	POPULATION SERVED	TOTAL SERVICE CONNECTIONS
NTNC	1102	3
SERVICE AREA	OLD LYME	

Incident Report ID: 2023008

Incident Date: 8/1/2022

Incident Time:

Incident Reported Date: 2/3/2023

Incident Reported Time: 9:26 AM

Critical Facilities Possibly Impacted

- School
- Daycare
- Food Services
- Youth Camp
- Healthcare Facility
- Nursing Home

Public Health Impacted:

Unknown

Media Coverage:

Yes

Incident Resolved:

No

Impact of Incident:

Type of Incident

Physical Impairment: Chemical Spill

Incident Description

The DEEP significant environmental hazard notification was recently received by DPH. The oil spill in the basement of the Region 18 high school from August 1, 2022 was due to the result of a feeder line from the heating oil storage tank to the boiler, where the line broke at a flange fitting and released an unknown amount of #2 heating oil. Cleanup activities were conducted immediately and there was product recovered as well as monitoring wells installed. Monitoring wells were sampled in August, October and December. Results from October and December showed detection of Extractable total petroleum hydrocarbons in water present in Monitoring Well #7 which heads in a northwesterly direction from the school building.

At this time, it does not appear that the wells that comprise the Region 18 water system have been impacted by this spill. The public water system at the school is served by 4 active wells that are slightly upgradient and the opposite direction of the presumed contaminate plume (direction of Monitoring Well 7 which detected Benzene and Extractable total petroleum hydrocarbons in Dec, 2022 sampling events). The Region 18 water system also provides water to several other buildings including the Town Hall, Youth Services, Fire Dept and Historical society building.

There have been two routine sample events at the Region 18 school PWS since the spill for VOCs. VOC samples were collected from the entry point on 8/8/22 and 10/14/22 with no detections of oil-related compounds. Currently Whitewater (the water contractor) is on-site collecting a full suite of samples from each active well (Wells 3, 4, 5 and 7) and entry point today for the same parameters that the 15 adjacent properties are being sampled for this week as coordinated by DEEP. There is also an on-site meeting with DEEP personnel this morning. DPH will work on making connections with DEEP and local health to keep all stakeholders in the loop. More to come when additional sample results become available

Action Advised: Notify Local Health, Additional Sampling.

Action Completed: Additional Sampling.



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1 update(s) for this incident.

- 2/9/2023

Sample results have been received from samples collected from the 4 wells serving the Region 18 schools public water system as well as 7 abutters. There were detections of polycyclic aromatic hydrocarbons (PAHs) detected in Well 7 at levels exceeding health based standards. Well #7 is blended with other wells that did not detect PAHs above the standards. Only one abutter had detections of chemicals of concern and has been properly notified and resampled today. For the Region 18 public water system, the school met today with DEEP, DPH and local health representatives. It was decided that an entry point sample will be collected tomorrow 2/10 with results expected back by Wednesday 2/15/23. In the meantime out of an abundance of caution the school administration will be shutting off Well #7, and feeding the water system with a bulk water hauler. They will also notify the customers of the water system of the current situation and any developments as additional results are received. The Region 18 school district has retained the services of a new Licensed Environmental Professional (LEP) to lead the investigation which will include redevelopment of existing monitoring wells and continued sampling of monitoring wells, recovery wells and abutters.

Incident reported to DWS by

PWS Administrative contact is Mr. Ronald Turner

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The contact person for this Incident at the Drinking Water Section is Mandy B. Smith