

# TOWN OF MILFORD

## TOWN ADMINISTRATION



### Fletcher's Paint Works and Storage Facility Superfund Site Results of Air Sampling at the Elm Street and Mill Street Areas

April 6, 2016

#### Town of Milford Update

The Town of Milford is working closely with the US EPA, NH DES, General Electric (GE) and their contractor, Maxymillian on the excavation and off-site disposal of soils contaminated with polychlorinated biphenyls at the Mill Street and Elm Street sites. All parties are committed to completing this cleanup in a timely manner with the safety of residents being a priority during the cleanup.

With respect to safety, EPA has been performing air monitoring at both locations since the work started. The work plan established a trigger, or action level of 0.1 micrograms per cubic meter for PCB's in the air. This is a very low level and does not constitute an immediate public health risk. DES guidance provides an annual exposure risk at 2.4 micrograms per cubic meter with a 24 hour exposure level not to exceed 3.6 microgram per cubic meter.

The chart below provides air monitoring data with highlighted results being over the action level. Air sampling for PCB's started on February 18, 2016, when excavation of contaminated soil began.

Table 1: PCB Results  
by Sampling Station

Sampling Event Date	Action Level ( $\mu\text{g}/\text{m}^3$ )	FP-1	FP-2	FP-3	FP-4	FP-5	FP-6	FP-7
		Elm Street ( $\mu\text{g}/\text{m}^3$ )	Elm Street ( $\mu\text{g}/\text{m}^3$ )	Elm Street ( $\mu\text{g}/\text{m}^3$ )	Mill Street ( $\mu\text{g}/\text{m}^3$ )	Mill Street ( $\mu\text{g}/\text{m}^3$ )	Mill Street ( $\mu\text{g}/\text{m}^3$ )	Background ( $\mu\text{g}/\text{m}^3$ )
2/18/2016	0.1	0.000262	0.000262	0.000307	0.104	0.497	0.0283	0.000206
2/19/2016	0.1	0.0266	0.00528	0.00343	0.218	0.128	0.0821	0.00228
3/10/2016	0.1	0.149	0.065	0.0722	1.19	1.95	1.46	0.0022
3/22/2016	0.1	0.01016	0.00471	0.0129	0.0317	0.194	0.312	NA
3/23/2016	0.1	0.024	0.0133	0.0368	0.182	0.607	0.605	NA
3/24/2016	0.1	0.0328	0.0589	0.00178	0.243	0.0632	0.0244	NA
3/29/2016	0.1	0.015	**	0.0113	0.192	0.146	0.111/0.122*	NA
3/30/2016	0.1	0.141	**	0.0181	0.0542	0.247	0.123	NA

NA - not analyzed due to consistency in background data.

\* - collocated sample. The extra sampler was moved to the west end of Mill Street area on 3/30/2016

\*\* - monitor malfunction therefore no sample collected. Devise has been repaired.

When the action level is exceeded, excavation work is temporarily stopped and corrective actions are implemented. These measures include:

1. Increased frequency of air sampling.
2. Increased number of monitoring locations.
3. Cessation of all active excavation.
4. Wet power broom sweeping of streets.
5. Installing dust/wind screens.
6. Perimeter misting system and sprinklers.
7. Application of tackifier agent to all exposed soil surface to prevent wind erosion.
8. Re-installing 6-mil poly tarps weighted with sand bags over all exposed soil.
9. Application of vapor suppressing foam.

The EPA made personal contact with Mill Street residents abutting the work area on March 31. The EPA and DES met with the Town Administrator and the Superintendent of Schools on April 5 to provide an update and address concerns. We are encouraged by the responsiveness of these agencies to monitor the air, implement corrective action and maintain communications during this process. We recognize that the action level at 0.1 micrograms per cubic meter is a very low target to maintain and applaud the US EPA for setting the target at this very aggressive level to ensure the safety of all residents, especially children who would be most vulnerable.

We will continue our work with all parties involved with the cleanup and provide updates as needed.

Sincerely,

*Mark Bender*

Mark Bender  
Town Administrator