

Monday, January 30, 2012

## GREENWICH HIGH SCHOOL ENVIRONMENTAL TESTING UPDATE

### All Interim Remedial Measures Around Fields Are Complete and Additional Environmental Investigation Continues

#### Field Status Recap:

*All Fields* – Interim remedial measures have been completed and required final closure reporting has been submitted to EPA, DPH and DEEP for review and approval by those agencies. The goal is to receive approval for unrestricted use of all fields (1 through 7) by March 2012.

#### Environmental Study Status Recap:

*Immediate Next Steps:* The Town and its consultant, AECOM have developed an overall project scope of work and estimated schedule for the environmental study of the site. Environmental investigation work was conducted during the week between Christmas and the New Year. This period was selected in order to minimize the potential impacts to school activities. The work included the collection of approximately 150 soil samples, 30 sediment samples, 7 surface water samples and the installation of four groundwater monitoring wells. The samples were analyzed by a state certified laboratory and the results are currently being reviewed and verified. Findings from this study will be incorporated into the remediation planning for the site, including the preparation of preliminary cost estimates. The preliminary cost estimates will begin to give the Town a sense of potential project costs and schedule. This information will be shared with site stakeholders and the community so that these groups may stay actively engaged in the process, provide comment, and have their questions answered as the overall remediation project is being designed. Another round of investigation work will be conducted during the winter break, February 13-20, 2012.

*MISA Investigation:* The environmental study being performed to support the MISA construction effort has been completed and the findings of this study have been reviewed with the MISA Building Committee. Information gathered during this study has been used to develop construction procedures for the MISA project to ensure that work is performed in a manner protective of site users, the community, and the environment. A remedial action plan has been submitted to EPA and DEEP for work within the MISA project area. It includes the excavation, transportation and off-site disposal of some impacted soils.

*Public Health:* As described by the DPH at our public meeting, to be exposed to health risks associated with PCBs, one must come into contact with the material (i.e., directly touching it, breathing it, or ingesting it). The potential risks will also vary by individual depending on how often the contact is made, the general health of the individual, age, etc. Areas of potential environmental concern have been removed or fenced (thus isolating people from contacting the materials). In accordance with DEEP requirements, signs have been posted on the site identifying the presence of contaminated soils and access controls will be maintained for those areas still requiring remediation.

#### Ongoing Communications:

Public Updates will continue on a monthly basis at a minimum, and more frequently as needed. The Public Updates are posted on the GPS Web Site, and are sent via email and/or Parentlink to GPS families, GHS neighbors, community officials, and the local media.

### Site Investigation Phases

The environmental study will be performed in several phases. All phases are performed in accordance with State and Federal regulations; these authorities may also review information, provide comment, and help guide the process towards completion.

**Phase I Site Assessment** – This phase involves collecting historic and current data concerning site history, development and use. The data are evaluated to determine potential Areas of Concern and Chemicals of Concern for a site. This assessment report was completed for the GHS environmental project in August 2011, and identified the likely source of contamination as PCB-containing fill material that was used during construction of GHS in 1970.

**Phase II Site Investigation** – This phase typically involves collecting data from environmental media (e.g., soil, groundwater) in the identified Areas of Concern from the Phase I Assessment. For the GHS Site, significant characterization of surface soils has been performed already. This characterization identified pockets of PCB contamination or “hot spots” beneath some areas of the GHS property, including around the grass athletic fields 2 & 5, synthetic turf athletic fields 1, 3, 4, 6, & 7, and the west parking lot. Additional environmental studies are planned to evaluate deeper soil, groundwater, surface water and sediment.

**Phase III Site Investigation** – This phase typically involves collecting soil and groundwater data to fill data gaps identified in the Phase II investigation to refine site understanding and to aid in designing the cleanup program for a site. For the GHS Site, the Phase II and III investigations will be designed and implemented in a dynamic and interactive fashion so that they may be implemented in a timely and efficient manner.

### Site Remediation Phases

The environmental remediation will also be completed in three phases.

**Remediation Selection and Design** – This phase includes identifying and evaluating various options for cleaning up the Site. Once the final option is determined, this phase also includes engineering design of the remediation, and preparation of Remedial Action Plans for review and approval by state and federal regulatory authorities.

**Remediation Implementation** – This phase is the Implementation of the cleanup plan (i.e., the remedial measures) typically involves preparing bid documents and technical specifications for the work to be completed. Following selection of the contractor for the work, the work is performed. Remediation oversight will be performed by the Town through an experienced consultant so that performance of the work in accordance with the bid documents and specifications may be recorded.

**Post-Remediation Efforts** – The final phase of the remediation is to document the completion of the work in a report or reports for review and approval by state and federal regulatory authorities. Post-remediation work will most likely be necessary, and will likely involve maintenance and monitoring of the selected cleanup remedy to ensure its effectiveness in protecting site users, the community and the environment.

**For all information requests, please contact:**

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#### Acronyms:

DEEP = CT Department of Energy and Environmental Protection  
DPH = CT Department of Public Health  
DPW = Town of Greenwich Department of Public Works  
EPA = US Environmental Protection Agency  
MISA = Music Instructional Space and Auditorium  
PCB = polychlorinated biphenyls