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South Carolina Department of Health and Environmental Control

Announcement of Proposed Plan-Addendum And Public Comment Period

EFP Products State Superfund Site

6247 Campbell Road, York, South Carolina

September 11, 2009

In early 2008, the South Carolina Department of Health and Environmental Control (DHEC) held public meetings to discuss the preferred remedial/cleanup alternatives and Proposed Plan for chromium-contaminated **soils and groundwater** at the former EFP Products Site (Site). There was no opposition to DHEC's preferred **groundwater** alternative; therefore it will be selected as the final remedy for the groundwater contamination.

Because of the public comments received on DHEC's initial preferred alternative for **contaminated soils** beneath a former plating area, SPX Corporation (the Responsible Party) re-evaluated potential soil treatment technologies that did not involve removal of the overlying structure. A field study was conducted and showed an in-situ treatment technology to be effective in addressing the soil contamination.

After review of this additional information, DHEC identified the in-situ chemical reduction technology as its Preferred Alternative for cleanup of the contaminated soils. DHEC's Proposed Plan Addendum (Addendum) provides the reasoning for this preference and includes summaries of the other cleanup alternatives that were evaluated. A summary of all soil remedial alternatives considered by DHEC can be found on the reverse side of this announcement.

DHEC will select a final soil remedy after reviewing and considering comments submitted during the public comment period. DHEC may modify its Preferred Alternative, or select another remedy presented in the Addendum based on new information or public comments. Therefore, we encourage the public to review <u>all</u> of the alternatives presented in the Addendum before submitting comments.

Summary of DHEC's New Preferred Soil Cleanup

DHEC's new preferred soil cleanup alternative (Alternative S-4) involves injecting zero valent iron into the contaminated area of soil beneath the existing building. This will reduce the hexavalent chromium to an insoluble form of chromium.

MARK YOUR CALENDAR

❑ **PUBLIC COMMENT PERIOD:**
September 14, 2009 through September 29, 2009

DHEC has identified a new preferred remedy for this site and would like to inform the community of our activities and gain public input. The Proposed Plan Addendum, which summarizes this information, is contained in the Administrative Record along with other reports and the public is encouraged to review these documents. DHEC will accept written comments on its Addendum during the 15-day public comment period. Submit your written comments to:

Angie Jones, Project Manager
DHEC-L&WM
2600 Bull St.
Columbia, SC 29201
- Via email: jonesar@dhec.sc.gov
- Via fax: 803-896-4292

❑ **FOR MORE INFORMATION:**

Call: Angie Jones, Project Manager, 803-896-4076
Paul Edinger, DHEC's Lancaster Office, 803-909-7613

See: DHEC's website at:
www.dhec.sc.gov/environment/lwm/html/superfund_info.htm

View: The Administrative Record at the following locations:

- York Public Library
  21 East Liberty Street, York, SC
  <u>Hours</u>: Monday-Thursday: 9:00am – 8:00pm
  Friday & Saturday: 9:00am – 6:00pm

- DHEC's Bureau of Land & Waste Management
  8911 Farrow Road - Columbia, SC
  <u>Contact</u>: Freedom of Information Office: 803-898-3817
  <u>Hours</u>: Monday - Friday: 8:30am - 5:00pm

Summary of Soil Remedial Alternatives and Their Components		
Identifier	**Soil Alternatives**	**Components**
Alternative S-1	No action	• Used as a baseline to which each alternative is compared
Alternative S-2	No action with deed restrictions	• Deed restrictions
Alternative S-3	Soil excavation, off-site disposal (with contingency for soil stabilization) and deed restrictions	• Pre-design studies • Existing concrete floor removal • Excavation of impacted soils from beneath former plating area • Characterization of excavated soils • Stabilization of soils if leachability of chromium is a concern • Off-site disposal • Backfilling of excavation area and replacement of floor • Deed restrictions
Alternative S-4 **THE NEW PREFERRED ALTERNATIVE**	Zero valent iron (ZVI) in-situ chemical reduction and deed restrictions	• Pre-design studies • Underground Injection Control Permit • Installation of soil borings • Pneumatic soil fracturing • Injection of Ferox ZVI solution • Structural/surficial heave analysis • Deed restrictions