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**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 7**

11201 Renner Boulevard
Lenexa, Kansas 66219

**Elected Official Briefing
West Lake Preliminary Draft GCPT Field Screening
December 9, 2013**

- As part of the preparatory work for the installation of an isolation barrier, EPA directed the PRPs to conduct field studies and engineering surveys in two phases.
- Contractors working under EPA oversight began Phase 1 of the engineering survey October 28. Work concluded November 26.
- Phase 1 is GCPT - Gamma Cone Penetrometer Testing. GCPT work pushes a probe with a gamma radiation detector into the ground to determine if there are readings above background caused by radioactive-impacted material (RIM) at depth/beneath surface.
- Phase 1 complements March 2013 ASPECT aerial survey of surface gamma radiation. That survey confirmed surface radiation at West Lake is in same status as in mid-1990s: contained and does not pose health risks to public.
- On November 25, 2013, Feezor Engineering delivered to EPA a preliminary update of the GCPT sampling. Based on preliminary, uncorrelated data that is subject to change upon further quality control checks, the GCPT has detected some radiologically-impacted material beneath the surface of the West Lake landfill at a handful of locations generally situated along one edge of the area being surveyed.
- EPA Region 7 has received concerns from the Missouri Attorney General's Office and the MDNR about how GCPT findings affect isolation barrier construction and our mapping of RIM location. EPA agrees with the State of Missouri that the extent and location of radiologically-impacted material at the West Lake Landfill Site must be well mapped to support: 1) barrier construction design and schedule; 2) site worker safety, including employees of waste handlers and asphalt plant; 3) community safety; 4) ROD reconsideration using accurate, current data about RIM.
- At EPA's direction and under its oversight, the potentially responsible parties have agreed to promptly expand and intensify their survey work to investigate for the presence of this material.
- The preliminary data, while subject to change, does not change this Agency's assessment that the buried waste does not currently pose a threat to public health and safety.
- We want to emphasize 3 key facts: 1.) the material has been preliminarily identified 24-34 feet below the surface. 2.) the entire survey area remains within a secured portion of the site closed to public access. 3.) contractors and EPA Region 7 staff working at the site followed detailed health



and safety plans that provide for their protection while the work continued. Any additional health protections would be conducted in accordance with applicable health and safety protocols.

- When the survey data has been finalized and subjected to quality control checks, EPA Region 7 will make this data available to the public.
- We do intend to discuss the preliminary results with the Community Advisory Group (CAG) on December 16. The discussion will also include the 3rd round of groundwater data.

For More Information:

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