



SHELL BRINGS SOIL VAPOR EXTRACTION SYSTEM ON-LINE IN ROXANA

As part of its efforts to address historic subsurface impacts in a portion of the Village of Roxana, Shell Oil Products US has brought on-line a soil vapor extraction (SVE) system that runs along the western fence line of the ConocoPhillips refinery in Roxana, Illinois and will eventually extend into the Village Public Works Yard. The approximate location of the system is shown on the figure below.

Contractors on behalf of Shell Oil Products US have been working on the refinery site along Chaffer Street between First Street and the Roxana Public Works Yard for the last several months installing the SVE system, including extraction wells, piping and a treatment unit. They have also installed many monitoring points in the village which will be used to assess performance of the system on a regular basis. The SVE system and the vapor monitoring points were installed under the oversight of the Illinois Environmental Protection Agency (IEPA).

An SVE system creates a vacuum that pulls hydrocarbon vapors in the soil into extraction wells and then into a piping system through which they are conveyed to the treatment system where they are destroyed in a safe manner.

Since the new system is operating, Shell contractors have dismantled and removed the temporary system that has been operating successfully at the intersection of Fourth and Chaffer Streets since early summer last year. That system has had a measurable impact in reducing subsurface vapors near that intersection.

Shell would like to thank Roxana residents for their patience and cooperation during construction.

CONTACT: If you would like more information about this or any aspect of Shell's work in Roxana, please contact Shell's project outreach contact, Bob Miner, at (314) 367-8082 or 1 (888) 974-8379. Residents with questions or concerns also may contact IEPA Community Relations Coordinator Mara McGinnis at (217) 524-3288 or Gina Search, a geologist at IEPA's Collinsville office, at (618) 346-5157.

