

Pennington, Wendy

From: Jones, George D (St. Louis)
Sent: Friday, March 6, 2020 2:43 PM
To: Rob.Watson@illinois.gov
Cc: Dan Kirk; Cahnovsky, Chris; Gina.search@illinois.gov; Mooshegian, Robert; Arnold, Linda; Hart, Rich; Pennington, Wendy
Subject: RE: Roxana SVE System Shutdown - Advance Notification

Rob:
The purpose of this correspondence is to provide the Illinois Environmental Protection Agency (“IEPA”) an update on the shutdown of the Roxana soil vapor extraction (“SVE”) system and to notify the IEPA that the SVE system has been returned to service.

On January 16, 2016, AECOM provided advanced notification of shutdown of the SVE system for blower evaluation and maintenance. Item 7 of IEPA’s April 9, 2014 letter (Log No. B-43R-CA-65, 68, and 76) and Item 7 of IEPA’s May 15, 2015 letter (Log No. B-43R-CA-66 and 84) requires that the IEPA Bureau of Land, Permit Section, and the Collinsville Field Office be notified by e-mail if the SVE system is down for more than 72 continuous hours.

A minor oil leak associated with the SVE system blower was observed on January 16, 2020. The blower is located inside a conex box therefore the leak was managed without release to the environment. The SVE system was shut down on January 16, 2020 in order that the system could be inspected and the source of the leak identified. Based on the inspection, it was determined the oil leak was the result of a failed bearing seal and repairs were necessary.

Due to the location and weight of the blower, a mechanical means was required to replace the blower. Safety was the primary focus of the blower replacement activities, including identification of hazards, risks and mitigations. AECOM worked with its contractor to develop safety and lift plans for the work. These plans underwent internal reviews by AECOM and Shell Oil Products US (SOPUS), including the SOPUS Global Lifting and Hoisting subject matter expert. This review resulted in identification of alternate lifting equipment which improved safety for the lift operation. AECOM worked with its contractor to secure the equipment for the lift so repairs could be completed.

The blower was replaced and its operation tested on March 4, 2020. With the repairs completed, the SVE system was returned to service on March 5, 2020.

Thank You

George D. Jones
Project Manager

AECOM
100 N. Broadway, 20th Floor
St. Louis, Missouri 63102
T +1-314-429-0100 D 314-802-1165 C 314-686-0700
Cisco Internal 2221165
email: george.d.jones@aecom.com

From: Jones, George D (St. Louis)

Sent: Thursday, January 16, 2020 5:49 PM

To: Rob.Watson@illinois.gov

Cc: Dan Kirk <dan.kirk@shell.com>; Cahnovsky, Chris <Chris.Cahnovsky@Illinois.gov>; Gina.search@illinois.gov; Mooshegian, Robert <robert.mooshegian@aecom.com>; Arnold, Linda <Linda.Arnold@aecom.com>; Hart, Rich <rich.hart@aecom.com>; Pennington, Wendy <wendy.pennington@aecom.com>

Subject: RE: Roxana SVE System Shutdown - Advance Notification

Rob:

AECOM is sending this e-mail to you as required by Item 7 of IEPA's April 9, 2014 letter (Log No. B-43R-CA-65, 68, and 76) and Item 7 of IEPA's May 15, 2015 letter (Log No. B-43R-CA-66 and 84). Item 7 requires that the IEPA Bureau of Land, Permit Section, and the Collinsville Field Office be notified by e-mail if the full-scale SVE system is down for more than 72 continuous hours. We are providing advance notice of shutdown of the SVE system which will exceed 72 hours. The SVE system was shut down at 3:36 p.m. on January 16, 2020 for system blower evaluation and maintenance. AECOM will notify IEPA when the system is brought back on-line.

Thank You

George D. Jones
Project Manager

AECOM

100 N. Broadway, 20th Floor

St. Louis, Missouri 63102

T +1-314-429-0100 D 314-802-1165 C 314-686-0700

Cisco Internal 2221165

email: george.d.jones@aecom.com