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SITE ASSESSMENT,
REMEDIALTION, &
REVITALIZATION**SCANNED**

Mr. Tim Hornosky
 State Remediation Section
 SC Department of Health & Environmental Control
 2600 Bull Street
 Columbia, SC 29201-1708

Arcadis U.S., Inc.
 1450 Greene Street
 Suite 220
 Augusta
 Georgia 30901-5201
 Tel 706 828 4421
 Fax 706 828 4722
www.arcadis.com

Subject:
 Work Plan for 72-Hour AFVR
 Brenntag Southeast, Charleston, South Carolina

ENVIRONMENT

Date:
 8 September 2020

Dear Tim Hornosky:

Contact
 Edward Hirshenson

Brenntag Southeast, Inc. has authorized ARCADIS U.S., Inc. to forward the 72-hour Aggressive Fluid Vapor Recovery (AFVR) workplan at monitor well MW-14 for Area #2. The South Carolina Department of Health and Environmental Control (SCDHEC) has accepted recommendation to conduct a long term AFVR event at monitor well MW-14. Below are steps to conduct the AFVR event.

Phone
 706.828.4421

Prior to starting the AFVR, pressure vacuum gauges will be installed in monitor wells MW-9 and MW-12 (Bird facility). The vacuum gauges will be threaded to PVC caps and placed on the PVC casing within the manhole vault for both monitor wells. A one-inch PVC stinger will be placed inside monitor well MW-14 to capture fluids and vapours. Prior to starting the test, reading will be collected from the vacuum gauges from both wells to get background readings. All fluids will be pumped into a tanker and vapours will be vacuumed through a carbon vessel. During the test, parameters (PID, temperature, relative humidity, and flow) will be recorded hourly. Vacuum readings will also be recorded from monitor wells MW-9 and MW-12 during the 72-hour test. Fluids captured during the test will be manifested, transported, and disposed to a licensed facility. Approximately five days after the AFVR event a groundwater sample will be collected from monitor well MW-14 for VOCs using EPA Method SW-846 8260B.

Email:
Edward.hirshenson@arcadis.com

Our ref.
 30049825

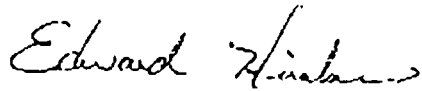
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Mr. Hornosky
9/3/2020

Please call me at (706) 828-4421 if you have any questions.

Sincerely,

Arcadis U.S., Inc.

A handwritten signature in black ink that reads "Edward Hirshenson". The signature is written in a cursive style with a long horizontal stroke at the end.

Edward Hirshenson

Senior Scientist

Copies

Mr. Shawn Wiram/North America/Brenntag