



SCANNED

November 16, 2018

Mr. Terefe Mazengia
GHD Services, Inc.
3075 Breckinridge Blvd
Suite 470
Duluth, GA 30096

RE: Bluewater Thermal Solutions Site
Bench Scale Study Report
Laurens, SC
File # 305608

Dear Mr. Mazengia:

The South Carolina Department of Health and Environmental Control (the Department) has reviewed and approves the Bench Scale Study Report, dated October 23 2018, for the Bluewater Thermal Solutions Site, in Laurens, South Carolina. The Department approves the proposed Pilot Study Work Plan laid out in the Report. Attached is the monitoring well installation permit for the installation of up to two (2) temporary monitoring wells. All activities should be conducted consistent with R.61-71.

As stated in the permit, the wells should be installed per the proposed construction details and at the locations provided in the November 16, 2017, Monitoring Well Permit Application.

Please inform the Department at least 5 days prior to work being conducted at the site. If you have any questions or concerns, please contact me at 803-898-2430 or rahnr@dhec.sc.gov.

Sincerely,

Regan Rahn, Project Manager
State Voluntary Cleanup Program
Bureau of Land and Waste Management

Attached: Monitoring Well Approval MW-11762

CC: Richard Scherer, Lippes Mathis Wexler Friedman, LLP
Lucas Berresford
Chris McCluskey
File # 305608

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Monitoring Well Approval

Date of Issuance: November 16, 2018

Approval #: MW-11762

Approval is hereby granted to: Richard Scherer
Gibraltar Industries Inc.
50 Fountain Plaza, S 1700
Buffalo, NY 19202

Facility: Bluewater Thermal Solutions
Laurens, South Carolina

This approval is for the installation of up to two (2) temporary monitoring wells. The monitoring wells are to be installed at the locations identified and per the proposed construction details provided in the November 16, 2018 monitoring well installation permit application. All monitoring wells are to be installed following all of the applicable requirements of R.61-71.

Please note that R.61-71 requires the following:

1. All wells shall be drilled, constructed, and abandoned by a South Carolina certified well driller per R.61-71.D.1.
2. All wells shall be properly developed per R.61-71.H.2.d. A Water Well Record Form or other form provided or approved by the Department shall be completed and submitted within 30 days after well completion or abandonment unless another schedule has been approved by the Department. The form should contain the "as-built" construction details and all other information required by R.61-71.H.1.f
3. All analytical data and water levels obtained from each monitoring well shall be submitted to the author of this approval within 30 days of receipt of laboratory results unless another schedule has been approved by the Department as required by R.61-71.H.1.d.
4. All monitoring wells shall be labeled as required by R.61-71.H.2.c.
5. If any of the information provided to the Department changes, including the proposed drilling date, Regan Rahn (803-898-2430) shall be notified at least twenty-four (24) hours prior to well construction as required by R.61-71.H.1.a.

This approval is pursuant to the provisions of Section 44-55-40 of the 1976 South Carolina Code of Laws and R.61-71 of the South Carolina Well Standards, dated May 27, 2016.

Regan Rahn, Project Manager
State Voluntary Cleanup Program
Bureau of Land and Waste Management