



May 17, 2023

Mr. Bennie Underwood
De Maximus, Inc.
450 Mountbrook Lane
Knoxville, TN 37919

Re: Federal Pacific Electric
Site ID# 51133
Edgefield County

Re Abandonment of Wells and Piezometers prior to Source Area Removal and Treatment

Dear Mr. Germond:

The South Carolina Department of Health and Environmental Control (the Department) has reviewed the Operations Plans for Source Area Removal and Treatment dated May 11, 2023.

The Department understands that twenty-one (21) wells have been identified as potentially within the areas to be excavated and are to be abandoned to facilitate the proposed actions. Wells which are terminated above the base of the proposed excavation depth may be removed in their entirety. Wells constructed such that any portion of the borehole remains open below the excavation must be properly abandoned. Damaged wells should be reported to the Department and repaired or properly abandoned in accordance with R.61-71.H.1.e.

The Department understands that this work is anticipated to begin on 17 May 2023. If this schedule should change, please notify this office as soon as possible. Should you wish to discuss this project, you can reach me at (803) 898-0733, or by email at hornostr@dhec.sc.gov.

Sincerely,

A handwritten signature in blue ink, appearing to read "Tim Hornosky".

Tim Hornosky, P.G.
State Voluntary Cleanup Program
Bureau of Land & Waste Management

cc: Lucas Berresford, BLWM
Travis Fuss, Midlands BEHS (Aiken Office)
Jeff.Beckner@Arcadis.com



Monitoring Well Construction Approval

Approval is hereby granted to: De maximus, inc.
Facility: Former FPE Company Site, Edgefield
Site Identification#: 51133
County: Edgefield

This approval is for the proper abandonment of twenty-one (21) extraction wells, monitoring wells, and piezometers. These wells are identified in Table 1 of the document "Operations Plans, Source Area Removal and Treatment, FPE Edgefield Site," dated May 11, 2023 and provided by de maximus, Inc. These wells are to be abandoned following all of the applicable requirements of R.61-71.

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

1. All wells shall be abandoned by a South Carolina certified well driller per 40-23-20 et seq.
2. Any monitoring well which is destroyed, rendered unusable, abandoned, shall be reported to the Department, and shall be property abandoned, revitalized, or replaced as appropriate or as required by permit or regulation, per R.61-71.h.1.e.
3. Abandonment shall be by forced injection of grout or pouring through a tremie pipe starting at the bottom of the well and proceeding to the surface in one continuous operation. The well shall be filled with either neat cement, bentonite-cement, or 20% high solids sodium bentonite grout, from the bottom of the well to the land surface, per R.61-71.h.2.e.
4. If any of the information provided to the Department changes, the Author shall be notified at least 24 hours prior to well abandonment as required by R.61-71.h.1.a.
5. A Water Well Record Form 1903 or other form provided and/or approved by the Department shall be completed and submitted to the Department within 30 days after well completion as required by R.61-71.H.1.f.

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 April 26, 2002.

Date of Issuance: 16 May 2023
Effective Date: 17 May 2023

Approval #: MW-13649
Expires: 16 May 2024

Tim Hornosky, P.G., Project Manager
State Voluntary Cleanup Program
Bureau of Land and Waste Management