



Westinghouse Electric Company  
Nuclear Fuel  
Columbia Fuel Fabrication Facility  
5801 Bluff Road  
Hopkins, South Carolina 29061  
USA

SCDHEC, BLWM  
Kim Kuhn  
2600 Bull Street  
Columbia, SC 29201

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Your ref:  
Our ref: LTR-RAC-21-34

May 4, 2021

**Subject: Proposed Actions Resulting from the April 2021 Virtual Meeting**

Mrs. Kuhn:

Please find attached for your review the proposed actions resulting from the April 22, 2021 virtual meeting between South Carolina Department of Health and Environmental Control, AECOM Technical Services Inc., and Westinghouse Columbia Fuel Fabrication Facility discussing the multimedia results from the most recent Phase II Remedial Investigation work.

Respectfully,

A handwritten signature in blue ink that reads 'Diana P. Joyner'.

Diana P. Joyner  
Principal Environmental Engineer  
Westinghouse Electric Company, CFFF  
803.497.7062 (m)

cc: J. Ferguson, EH&S Manager  
N. Parr, Environmental Manager  
J. Grant, AECOM Project Manager  
ENOVIA Records

Enc.: April 2021 Virtual Meeting Proposed Actions, prepared by AECOM dated May 4, 2021



May 4, 2021

Ms. Kimberly M. Kuhn, Project Manager  
State Voluntary Cleanup Section  
Division of Site Assessment, Remediation and Revitalization  
Bureau of Land and Waste Management  
2600 Bull Street  
Columbia, S.C. 29201

**Subject: Columbia Fuel Fabrication Facility  
Richland County, S.C.  
Consent Agreement CA-19-02-HW  
File # 51377**

Dear Ms. Kuhn:

Westinghouse Electric Company Inc. Columbia Fuel Fabrication Facility, AECOM Technical Services, Inc. (AECOM), and South Carolina Department of Health and Environmental Control personnel met virtually on Thursday April 22, 2021 to discuss multimedia sampling results since the previous meeting held on January 17, 2021 as part of Phase II of the Remedial Investigation. The primary media discussed during this April meeting were groundwater and soil.

The discussions resulted in the parties agreeing to the following actions:

- Groundwater screening sampling from four additional locations (L-59 through L-62),
- Groundwater screening sampling from upper zone of the Surficial Aquifer at previous locations L-45 through L-47 (groundwater from these borings was only screened in the lower zone of the Surficial Aquifer), and
- Confirmatory soil samples for laboratory analysis based upon the results of the soil gas survey (SGS) in the Primary Soil Gas Survey Area.

The locations of the additional groundwater screening points are displayed in the attached **Figure 1**. Temporary wells previously approved on February 22, 2021 under permit MW-12707 will be used for the four new groundwater screening points. Lithology in each new groundwater screening point will be collected continuously from ground surface to the top of the Black Mingo confining unit. Groundwater samples in boring L-59 through L-61 will be collected in both the upper and lower zones of the Surficial Aquifer. Boring L-62 will be collocated with upper zone permanent groundwater monitoring well W-36 and will have groundwater collected from only the lower zone of the Surficial Aquifer (unless saturated sand thicknesses in the field indicate otherwise).

Based upon the results of the soil gas survey in the Primary SGS Area report previously submitted with the February 2021 Consent Agreement Progress Report on March 11, 2021, there appears to be two potential source areas of chlorinated volatile organic compounds. One potential source area is associated with soil gas sample location SG-38 and the other potential source area is associated with soil gas sample locations SG-48 and SG-53. Thirteen soil borings are proposed to be installed as shown on **Figure 2**. Soil samples will be collected as outlined in Section 3.2 of the Phase II Remedial Investigation Work Plan dated September 2020.

AECOM

Should you have any questions regarding the information provided in this letter, please do not hesitate to contact me at (803) 740-1604.

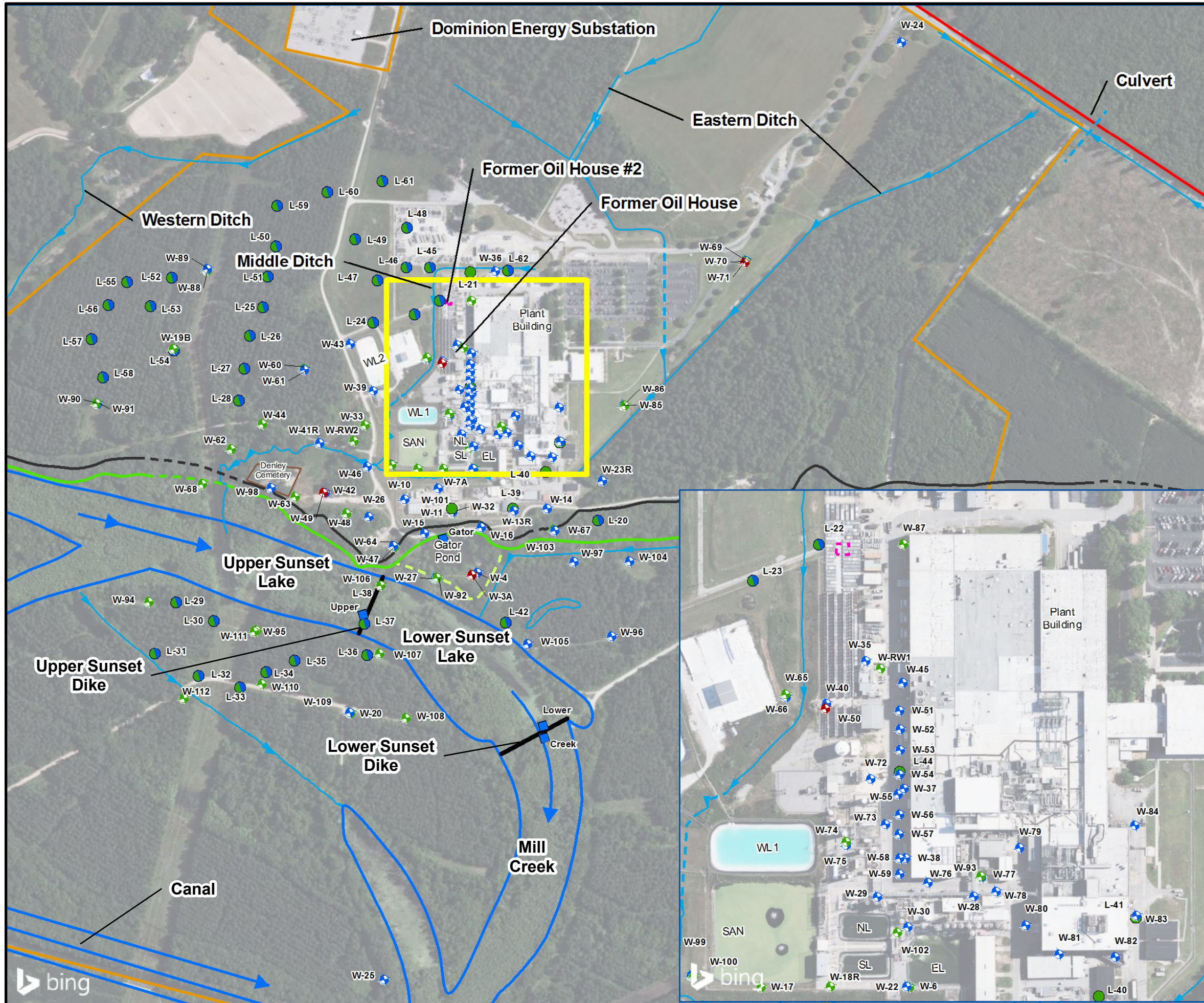
Sincerely,



Jeremy Grant  
Project Manager

Attachments: Figure 1 –Groundwater Screening and Monitoring Well Location Map  
Figure 2 – Proposed Soil Boring Locations





**Legend**

- Surficial Aquifer - Upper Zone Monitoring Well
- Surficial Aquifer - Lower Zone Monitoring Well
- Black Mingo Aquifer Monitoring Well
- Surficial Aquifer Groundwater Screening Location - Upper Zone
- Surficial Aquifer Groundwater Screening Location - Upper and Lower Zones
- Surficial Aquifer Groundwater Screening Location - Lower Zone
- Staff Gauge Location
- Ditch
- Culvert
- Dike Location
- Mill Creek Flow Direction
- Mill Creek
- Property Line
- SCRDI Bluff Road (Superfund Site)
- Former Oil House #2
- Top of Bluff
- Inferred Top of Bluff
- Bottom of Bluff
- Inferred Bottom of Bluff
- Secondary Bluff Area

EL East Lagoon  
 NL North Lagoon  
 SL South Lagoon  
 SAN Sanitary Lagoon  
 WL1 West Lagoon I  
 WL2 West Lagoon II

0 300 600 Feet  
 1:7,200

Map Projection: NAD 1983, South Carolina State Plane, FIPS 3900, Feet  
 Datum: North American 1983

**AECOM** 101 Research Drive  
 Columbia, SC 29203  
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**Groundwater Screening and Monitoring Well Location Map**  
 WESTINGHOUSE COLUMBIA FUEL FABRICATION FACILITY  
 HOPKINS, SOUTH CAROLINA

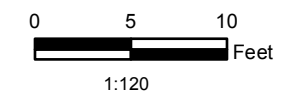
PROJECT NO. 60595649	PREPARED BY: CCS	DATE: May 2021	<b>FIGURE 1</b>
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**Legend**

- Surficial Aquifer - Upper Zone Monitoring Well
- Surficial Aquifer - Lower Zone Monitoring Well
- Soil Gas Sample Location - Round 1
- Soil Gas Sample Location - Round 2
- Proposed Soil Sample
- Utility Estimated Location



Map Projection: NAD 1983, South Carolina State Plane,  
FIPS 3900, Feet  
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**Proposed Soil Boring Locations**

WESTINGHOUSE COLUMBIA FUEL FABRICATION FACILITY  
HOPKINS, SOUTH CAROLINA

PROJECT NO. 60595649	PREPARED BY: CCS	DATE: May 2021	<b>FIGURE 2</b>
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