



REGION 4
ATLANTA, GA 30303

ENVIRONMENTAL COMPLIANCE &

December 12, 2025

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Mr. Matthew Baker, SRS Remedial Project Manager
Remediation and Deactivation & Decommissioning Division
U.S. Department of Energy
Savannah River Operations Office
P.O. Box A
Aiken, South Carolina 29802

AREA COMPLETION PROJECTS

**EPA Comments: 5-YEAR MONITORING REPORT (DATA SUMMARY LETTER) FOR
THE K-AREA GROUNDWATER OPERABLE UNIT, 2021 THROUGH 2025, OU 99,
SEPTEMBER 2025**

Dear Mr. Baker,

The U.S. Environmental Protection Agency, Region 4 (EPA), has reviewed the K area 5 year monitoring summary report for GW for 2021 to 2025. EPA 's comments are below.

If you have any questions or require additional information, please contact me at (404) 431-1340.

Sincerely,

**JON
RICHARDS**

Digitally signed by JON
RICHARDS
Date: 2025.12.12
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Jon Richards
FFA Remedial Project Manager
Superfund & Emergency Management
Division

ec: C.L. Bergren, SRNS-ACP Susan Fulmer, SCDES

GENERAL COMMENT

1. The Report should discuss the hydrogeology of the K-Area Groundwater (KAGW) Operable Unit (OU) including but not limited to the relative depth to groundwater, water table elevations, groundwater gradient and flow direction. Also, the Report should present a potentiometric surface map for the K-Area Groundwater Operable Unit (KAGW OU) wells using the most recent first quarter 2025 (1Q25) groundwater elevations listed in Attachment 1 (KAGW 5-Year Data Table 2021 through 2025) that show the relative gradient and flow direction. *Please revise the Report to discuss the hydrogeology of the KAGW OU and include a potentiometric surface map using the 1Q25 groundwater elevations listed in Attachment 1.*

SPECIFIC COMMENT

1. **Tritium Flux Calculations, Page 5:** The first sentence in this section should clarify upfront that the stream flow rate and tritium concentration from surface water station KSW-07 were used for the 2025 data point as noted in Table 2 (Tritium Stream Flux Calculations (Ci/year)). The first sentence states, "Stream flow measurements are also collected annually during sampling at surface water stations KSW-07, KSW-17, and KSW-18;" however, as noted in Table 2 and later in the text on page 6, station KSW-06, which is typically used for stream flow measurements, did not have a stream flow measurement during 2025 due to a fallen tree laying in the stream and tritium concentration and stream flow rate at KSW-07 were used for the 2025 data point. *Please revise the first sentence to clarify upfront that the stream flow rate and tritium concentration from surface water station KSW-07 were used for the 2025 data point due to a fallen tree laying in the stream and preventing flow at KSW-06.*