Department of Energy
Savannah River Operations Office
P.O. Box A
Aiken, South Carolina 29802

August 27, 2026

Ms. Susan Fulmer, P. G., Manager
Federal Facility Agreement Section
Division of Site Assessment, Remediation and Revitalization
Bureau of Land and Waste Management
South Carolina Department of Environmental Services
2600 Bull Street
Columbia, South Carolina 29201

Mr. Jon Richards
Acting Savannah River Site Remedial Project Manager
Superfund Division
U. S. Environmental Protection Agency, Region 4
61 Forsyth Street, SW
Atlanta, Georgia 30303

Dear Ms. Fulmer and Mr. Richards:

SUBJECT: Biennial Effectiveness Monitoring Report (Sampling Summary) for the Monitored Natural Attenuation at the L-Area Southern Groundwater Operable Unit, 2024 through 2025, SEMS Number: 77

Reference: *Addendum to the Monitored Natural Attenuation Effectiveness Monitoring Plan for the L-Area Southern Groundwater Operable Unit (NBN)(U), CERCLIS Number: 77* (SRNS-RP-2012-00857, Revision 1, May 2013)

In accordance with the terms of the Federal Facility Agreement (FFA), the U. S. Department of Energy (DOE) is submitting the groundwater effectiveness monitoring report (EMR), a sampling summary, for your review. Per the referenced addendum, after 2012, sampling results will be presented in EMRs issued every four (4) years, with a two (2) year data sampling summary in letter format submitted in-between the four (4) year EMRs. This is the fourth abbreviated EMR (sampling summary) to be submitted since the addendum to the effectiveness monitoring plan was implemented. This letter is transmitting the 2024 through 2025 sampling summary, *Biennial Effectiveness Monitoring Report (Sampling Summary) for the Monitored Natural Attenuation at the L-Area Southern Groundwater Operable Unit, 2024 through 2025*.

Please review the information and provide any comments that you may have within 120 days of receipt. The effort and time that the South Carolina Department of Environmental Services and the U. S. Environmental Protection Agency have given on the subject operable unit are greatly appreciated.

August 27, 2026

Ms. Susan Fulmer
Mr. Jon Richards 2

Comments or questions from you or your staff may be directed to me at (803) 952-6211 or the DOE Program Manager, April Coffman, at (803) 508-0490.

Sincerely,

MATTHEW BAKER Digitally signed by MATTHEW BAKER
Date: 2026.08.26 11:08:02 -04'00'

Matthew R. Baker
Acting FFA Remedial Project Manager
DOE-Savannah River Operations Office
Remediation, Deactivation, and Decommissioning Division

RDDD-26-167

c:
M. Reece, SCDES-Columbia
H. J. Porter, SCDES-Columbia
J. Blalock, SCDES-Columbia
S. French, SCDES-Columbia
R. G. Stewart, SCDES-Columbia
M. Mehta, SCDES-Columbia
H. H. Cathcart, SCDES-Columbia
G. O'Quinn, SCDES-Midlands Aiken Environmental Affairs Office
T. G. Corley, SCDES-Midlands Aiken Environmental Affairs Office
C. L. Robertson, SCDES-Midlands Aiken Environmental Affairs Office
E. G. Downing, SCDES-Midlands Aiken Environmental Affairs Office
H. L. Herlong, SCDES-Midlands Aiken Environmental Affairs Office
M. McRae, TechLaw, Inc.

August 27, 2026

Ms. Susan Fulmer
Mr. Jon Richards 3

Biennial Effectiveness Monitoring Report (Sampling Summary) for the Monitored Natural Attenuation at the L-Area Southern Groundwater Operable Unit 2024 through 2025

Introduction

Sampling optimizations that were developed and approved in the *Biennial Effectiveness Monitoring Report (EMR) for Monitored Natural Attenuation (MNA) at the L-Area Southern Groundwater (LASG) Operable Unit (OU) (U) 2010 through 2011* (SRNS-RP-2012-00169, Revision 1, December 2012) started in the fourth quarter (4Q) of 2012. Key source zone (KSZ) monitoring wells, plume wells that exceed volatile organic compound (VOC) maximum contaminant levels (MCLs), and surface water stations are sampled annually. All Land Use Control (LUC) boundary wells and plume wells not exceeding VOC MCLs are sampled biennially instead of annually, as agreed upon by the United States Department of Energy, United States Environmental Protection Agency, and the South Carolina Department of Environmental Services (Core Team). In conjunction, full EMR reports are produced every four (4) years with a supplemental data summary in letter format submitted at the two (2) year point in-between the EMRs. These sampling optimizations were documented additionally in the approved *Addendum to the Monitored Natural Attenuation Effectiveness Monitoring Plan for the L-Area Southern Groundwater Operable Unit (NBN) (U)* (SRNS-RP-2012-00857, Revision 1, May 2013). This sampling summary letter is the fourth submitted since the optimizations were implemented and covers data collected during 2024 and 2025.

This sampling summary also reports data collected every five years for L-Area Oil and Chemical Basin (LAOCB) and the L-Area Reactor Seepage Basin (LRSB) performance monitoring. The *Fourth Five-Year Remedy Review Report for the Savannah River Site* (SRNS-RP-2012-00011, Revision 1.1, November 2013), identified that performance monitoring of these two units should be performed with the LASG OU sampling. Sampling for these units was added to the approved LASG Effectiveness Monitoring Plan Addendum (SRNS-RP-2012-00857, Revision 1, May 2013) and was last conducted in 4Q 2020.

LASG Tritium

Annual sampling during even-numbered years (i.e., 2024) was conducted at KSZ monitoring wells, all surface water stations, and at wells that had VOC MCL exceedances in the previous sampling event (LSW 25DL and LSW030DL). Additionally, although not required, wells LSW 2DL, LSW026DL, and LSW031DL were also sampled in 2024. In odd-numbered years (i.e., 2025), sampling for tritium was done at all monitoring wells and surface water stations. Table 1 lists the results, while Figure 1 displays the 4Q 2025 tritium results and plumes. Figure 1 also includes the previous plume coverage from 2009 for comparison. All three of the tritium plumes have significantly decreased in size since 2009. All concentrations at KSZ monitoring wells were below well-specific KSZ concentration limits as well as the MCL (20 picocuries per milliliter [pCi/mL]) during both 2024 and 2025. All LUC boundary well results were below the MCL. Tritium exceeded the MCL at four groundwater monitoring wells during the 2024 and 2025 sampling events. The highest concentration of tritium in groundwater was at well LSW 25DL with a concentration of 354 pCi/mL in 2024. Concentrations decreased to 308 pCi/mL in 2025.

One Gordon Aquifer well, LSW014A, displayed a tritium concentration of 44.8 pCi/mL above the MCL in 2025. LSW014A has historically been non-detect for tritium and the overlying Upper Three Runs Aquiferwells in the cluster (LSW 14DL and LSW 14C) have lower concentrations and continue a steady downward trend in tritium concentrations (Figure 2). Additionally, other wells upgradient (LSW 9DL, LSW 9C, and LSW028C) display lower concentrations with similar decreasing trends and wells downgradient (LSW027C and LSW027A) remain non-detect for tritium. Due to these factors and well LSW014A being in the underlying Gordon Aquifer, this one elevated result is suspected as being in error. Although LSW014A is normally sampled every two years in odd-numbered years, this well will be sampled in 2026 for tritium to confirm this conclusion. If the 4Q 2026 result is elevated and above the 20 pCi/mL MCL, the Core Team will be notified of the continued exceedance and a discussion on a path forward will be determined. All other monitoring wells display decreasing concentration trends for at least the last 14 years if not for all the monitoring history.

L-Lake surface water tritium concentrations are consistent with previous results. Surface water station SC 20, located upgradient of the tritium plume sources where Steel Creek enters L-Lake, displayed the highest surface water concentration of 14.6 pCi/mL, while still being below the MCL. Surface water stations located downgradient of the groundwater plumes remain below MCLs and display decreasing concentrations, and all the results were less than 2 pCi/mL. This includes surface water station SC 27 located to the south just below the L-Lake dam which provides an understanding of the concentration of tritium into Steel Creek after discharge from L-Lake. Tritium concentrations have dropped to 1.82 pCi/mL at SC 27 and continue to demonstrate steadily decreasing tritium concentrations below the MCL over its entire monitoring period since 2005. These results indicate that the LASG OU MNA remedial action is effective and is performing as expected.

LASG Tetrachloroethylene (PCE) and Trichloroethylene (TCE)

Even-numbered years (i.e., 2024) consisted of annual sampling at KSZ monitoring wells, all surface water stations, and at wells that had VOC MCL exceedances in the previous sampling event (LSW 25DL and LSW030DL). Additionally, although not required, wells LSW 2DL, LSW026DL, and LSW031DL were also sampled in 2024. In odd-numbered years (i.e., 2025), all surface water stations and all monitoring wells in the southeast and southwest plume and well LSW029DL were sampled annually for tetrachloroethylene (PCE) and trichloroethylene (TCE) as agreed to by the Core Team. Table 1 lists the results, while Figure 3 displays the 4Q 2025 PCE concentrations and plume. Figure 3 also includes the previous plume coverage from 2009 for comparison. The PCE plumes have significantly decreased in size since 2009.

PCE exceeded the 5 micrograms per liter (µg/L) MCL at two wells during the 2024 and 2025 sampling events. The highest concentration in groundwater was at well LSW 25DL, with a concentration of 61.8 µg/L in 2025. Concentrations in this well remain steady as it is located downgradient of the source area and within the plume migration path towards L-Lake. Concentrations at well LSW026DL to the west of LSW 25DL have been below MCLs over the past nine years. Concentrations further west at LSW029DL continue to be non-detect for any VOC.

TCE concentrations are much less than PCE concentrations at the LASG OU. TCE did not exceed the MCL of 5 µg/L at any monitoring well during 2024 or 2025. The maximum TCE concentration was 3.52 µg/L at well LSW030DL. All KSZ monitoring well concentrations were below well-specific KSZ concentration limits as well as MCLs during both 2024 and 2025. The LSW032DL LUC boundary well results were non-detect for both PCE and TCE.

L-Lake surface water PCE and TCE concentrations are consistent with the previous year's results as all stations were non-detect during 2024 and 2025. In the future, if PCE concentrations at well LSW026DL become higher than concentrations at LSW 25DL and LSW030DL, an additional surface water sample location in L-Lake will be collected at the powerline road crossing located south of station LSW026DL. Currently, concentrations at LSW 25DL continue to be greater than concentrations at LSW026DL; therefore, no additional surface water samples are needed and will not be collected. These results indicate that the LASG OU remedial action is performing as expected.

LAOCB Performance Monitoring

Performance monitoring of the LAOCB remedial action for potential contaminant migration constituents (carbon-14, cobalt-60, gross-alpha, non-volatile beta, strontium-90, and tritium) was mistakenly not conducted during 4Q 2025. Samples will be collected by the end of September 2026 to support the upcoming Seventh Five-Year Remedy Review Report for Savannah River Site Operable Units with Geosynthetic or Stabilization/Solidification Cover Systems. A tracking system has been implemented to reduce any future sampling event omissions. The last performance monitoring was conducted during 4Q 2020 at two (2) wells, LCO 2DL and LCO 6DL (Figure 4), as agreed to by the Core Team per the approved *Addendum to the Monitored Natural Attenuation Effectiveness Monitoring Plan for the L-Area Southern Groundwater Operable Unit (NBN)(U)* (SRNS-RP-2012-00857, Revision 1, May 2013). Monitoring these constituents once every five (5) years verifies that the in-situ stabilization and capping of the LAOCB is preventing contaminant migration to groundwater and is conducted for the five-year remedy review for the LAOCB. Results are provided in Table 2 and were provided in the *Sixth Five-Year Remedy Review Report for Savannah River Site Operable Units with Geosynthetic or Stabilization/Solidification Cover Systems* (SRNS-RP-2021-04229, Revision 1, July 2022).

During 4Q 2020 all analytes were below detection or MCLs. Carbon-14 was the only constituent detected at non-estimated concentrations. Carbon-14 was not detected at LCO 2 and was detected at 358 picocuries per liter (pCi/L) at LCO 6. Concentrations at LCO 6 are far below the MCL of 2,000 pCi/L and are consistent with previous results. Uranium isotopes were not analyzed because the gross-alpha trigger limit of 15 pCi/L was not exceeded. These results indicate that the LAOCB remedial action is effective and is performing as expected. To align with the schedule for the LAOCB five-year remedy review, future sampling will occur in 2030, 2035, etc. The next Five-Year Remedy Review Report that includes the LAOCB will be submitted in late 2026 and will include the upcoming September 2026 sampling results.

LRSB Performance Monitoring

Performance monitoring of the LRSB remedial action for potential contaminant migration constituent strontium-90 was mistakenly not conducted during 4Q 2025. Samples will be collected by the end of September 2026 to support the upcoming Seventh Five-Year Remedy Review Report for Savannah River Site Operable Units with Geosynthetic or Stabilization/Solidification Cover Systems. A tracking system has been implemented to reduce any future sampling event omissions. The last performance monitoring was conducted during 4Q 2020 at well LSB 4 (Figure 4), as agreed to by the Core Team per the approved *Addendum to the Monitored Natural Attenuation Effectiveness Monitoring Plan for the L-Area Southern Groundwater Operable Unit (NBN)(U)* (SRNS-RP-2012-00857, Revision 1, May 2013). Monitoring strontium-90 once every five (5) years verifies the in-situ stabilization and soil cover of the LRSB is preventing contaminant migration to groundwater and is conducted for the Five-Year Remedy Review Report for the LRSB. Results are provided in Table 2 and were provided in the *Sixth Five-Year Remedy Review Report for Savannah River Site Operable*

Units with Geosynthetic or Stabilization/Solidification Cover Systems (SRNS-RP-2021-04229, Revision 1, July 2022).

In 4Q 2020 strontium-90 was not detected in the groundwater at LSB 4; therefore, the remedial action is effective and is performing as expected. To align with the schedule for the LRSB five-year remedy review, future sampling will occur during the years 2030, 2035, etc. The next Five-Year Remedy Review Report that includes the LRSB will be submitted in late 2026 and will include the upcoming September 2026 sampling results.

Future Sampling and Reporting

Due to the unexpected detection of tritium at well LSW014A in 2025, this well will additionally be sampled in 2026 for tritium to confirm the detection. If the 4Q 2026 result is elevated and above the 20 pCi/mL MCL, the Core Team will be notified of the continued exceedance and a discussion on a path forward will be determined. No additional changes are proposed for the sampling and analysis for LASG OU. The reduced sampling (KSZ wells, wells exceeding VOC MCLs, and surface water stations) will occur in 2026. All wells and surface water stations will be sampled in 2027. The five-year sampling for the LAOCB and LRSB performance monitoring will next be conducted by the end of September 2026, then subsequently in 2030. If any exceedances associated with the LAOCB or LRSB Performance Monitoring are detected, a confirmation sample will be collected within 30 days of receipt of the data. If the confirmation sample also exceeds MCLs, the Core Team will meet to discuss the results and determine what follow-up action is required. A full EMR report for the LASG OU will be submitted in 2028.

August 27, 2026

Ms. Susan Fulmer
Mr. Jon Richards 7

Table 1: LASG MNA Monitoring Results (2024 through 2025)

L-Area Southern Groundwater MNA Monitoring Results, 2024 and 2025				Field Data			Tritium		VOCs			
				SAMPLE COLLECTION DATE	Constituent	FIELD CONDITIONS	TRITIUM	Well Specific KSZCL for Tritium	TETRACHLOROETHYLENE (PCE)	Well Specific KSZCL for Tetrachloroethylene	TRICHLORODETHYLENE (TCE)	Well Specific KSZCL for Trichloroethylene
				day-month-year	Unit		pCi/mL	pCi/mL	ug/L	ug/L	ug/L	ug/L
Station	Well Use	Secondary Well Use	Aquifer Zone		MCL		20		5		5	
LAC 8DL	Southeast	Key Source Zone Monitoring Well	UAZ_UTRAU	20-Nov-2024			1.26	102.75	1.98	90	[redacted]	31.5
LAC 8DL	Southeast	Key Source Zone Monitoring Well	UAZ_UTRAU	30-Oct-2025			2.41	102.75	4.44	90	1.3	31.5
LSB 4	Southeast	Key Source Zone Monitoring Well	UAZ_UTRAU	20-Nov-2024			<EQL (1.03)	137.7	<EQL (1.2)		<EQL (1)	
LSB 4	Southeast	Key Source Zone Monitoring Well	UAZ_UTRAU	30-Oct-2025			<EQL (1.01)	137.7	<EQL (1)		<EQL (1)	
LSW 2DL	Southeast		UAZ_UTRAU	20-Nov-2024			8.69		2.21		<EQL (1)	
LSW 2DL	Southeast		UAZ_UTRAU	30-Oct-2025			8.83		1.98		<EQL (1)	
LSW002AR	Southeast		GAU	30-Oct-2025			<EQL (0.965)		<EQL (1)		<EQL (1)	
LSW031DL	Southeast		UAZ_UTRAU	20-Nov-2024			176		1.66		<EQL (1)	
LSW031DL	Southeast		UAZ_UTRAU	30-Oct-2025			169		[redacted]		<EQL (1)	
LSW032DL	Southeast	LUC Boundary Monitoring Well	UAZ_UTRAU	30-Oct-2025			<EQL (1.06)		<EQL (1)		<EQL (1)	
LAW 2C	Southwest		UAZ_UTRAU	30-Oct-2025			5.2		<EQL (1)		<EQL (1)	
LDB 3	Southwest	Key Source Zone Monitoring Well	UAZ_UTRAU	25-Nov-2024			2.39	282	<EQL (1.2)		<EQL (1)	
LDB 3	Southwest	Key Source Zone Monitoring Well	UAZ_UTRAU	05-Nov-2025			3.79	282	<EQL (1)		<EQL (1)	
LSP 8DU	Southwest		UAZ_UTRAU	30-Oct-2025			<EQL (1.01)		<EQL (1)		<EQL (1)	
LSW 24A	Southwest		GAU	05-Nov-2025			2.37		<EQL (1)		<EQL (1)	
LSW 25DL	Southwest		UAZ_UTRAU	20-Nov-2024			354		[redacted]		[redacted]	
LSW 25DL	Southwest		UAZ_UTRAU	19-Nov-2025			308		61.8		<EQL (1)	
LSW026DL	Southwest		UAZ_UTRAU	20-Nov-2024			1.68		[redacted]		<EQL (1)	
LSW026DL	Southwest		UAZ_UTRAU	30-Oct-2025			1.77		1.11		<EQL (1)	
LSW030DL	Southwest		UAZ_UTRAU	20-Nov-2024			17.5		20		3.52	
LSW030DL	Southwest		UAZ_UTRAU	30-Oct-2025			16.9		10.7		1.61	

	KSZCL = 'Key Source Zone Concentration Limit' which is equivalent to 150% of maximum value observed for KSZ monitoring wells between 2005 and 2007 monitoring period.
[##]	EPA Functional Guideline Code of 'J' was applied to the result, indicating an estimated quantity.
<EQL(##)	Constituent was below detection. The sample-specific Estimated Quantitation Limit is in parentheses.
	Result exceeds the KSZCL for KSZ wells, or exceeds the MCL for surface water locations
	Result is between the MCL and the KSZCL for KSZ wells, and exceeds the MCL for all other wells.
	Result is less than the applicable limit and without EPA Functional Guidline qualifiers.
Blue Text	Not a required sample analysis.

August 27, 2026

Ms. Susan Fulmer
Mr. Jon Richards

8

Table 1: LASG MNA Monitoring Results (2024 through 2025) *(continued/end)*

L-Area Southern Groundwater MNA Monitoring Results, 2024 and 2025				Field Data			Tritium		VOCs			
				SAMPLE COLLECTION DATE	Constituent	FIELD CONDITIONS	TRITIUM	Well Specific KSZCL for Tritium	TETRACHLOROETHYLENE (PCE)	Well Specific KSZCL for Tetrachloroethylene	TRICHLOROETHYLENE (TCE)	Well Specific KSZCL for Trichloroethylene
				day-month-year	Unit		pCi/mL	pCi/mL	ug/L	ug/L	ug/L	ug/L
Station	Well Use	Secondary Well Use	Aquifer Zone		MCL		20		5		5	
LSW 8DL	Western		UAZ_UTRAU	30-Oct-2025			11.6		NS		NS	
LSW 8C	Western		LAZ_UTRAU	30-Oct-2025			5.1		NS		NS	
LSW 9DL	Western		UAZ_UTRAU	30-Oct-2025			28.1		NS		NS	
LSW 9C	Western		LAZ_UTRAU	30-Oct-2025			11.4		NS		NS	
LSW 12DL	Western	LUC Boundary Monitoring Well	UAZ_UTRAU	30-Oct-2025			<EQL (0.995)		NS		NS	
LSW 12C	Western	LUC Boundary Monitoring Well	LAZ_UTRAU	30-Oct-2025			[redacted]		NS		NS	
LSW 14DL	Western		UAZ_UTRAU	05-Nov-2025			2.15		NS		NS	
LSW 14C	Western		LAZ_UTRAU	05-Nov-2025			4.69		NS		NS	
LSW014A	Western		GAU	05-Nov-2025			44.8		NS		NS	
LSW027C	Western	LUC Boundary Monitoring Well	LAZ_UTRAU	30-Oct-2025			<EQL (0.957)		NS		NS	
LSW027A	Western	LUC Boundary Monitoring Well	GAU	30-Oct-2025			<EQL (0.979)		NS		NS	
LSW028C	Western		LAZ_UTRAU	30-Oct-2025			3.29		NS		NS	
LSW029DL	Western		UAZ_UTRAU	30-Oct-2025			2.79		<EQL (1)		<EQL (1)	
SC20	Surface Water		UAZ_UTRAU	20-Nov-2024			2.14		<EQL (1.2)		<EQL (1)	
SC20	Surface Water		UAZ_UTRAU	18-Nov-2025			14.6		<EQL (1)		<EQL (1)	
SC23	Surface Water		UAZ_UTRAU	20-Nov-2024			1.61		<EQL (1.2)		<EQL (1)	
SC23	Surface Water		UAZ_UTRAU	18-Nov-2025			1.87		<EQL (1)		<EQL (1)	
SC24	Surface Water		UAZ_UTRAU	20-Nov-2024			1.54		<EQL (1.2)		<EQL (1)	
SC24	Surface Water		UAZ_UTRAU	18-Nov-2025			1.68		<EQL (1)		<EQL (1)	
SC25	Surface Water		UAZ_UTRAU	20-Nov-2024			1.61		<EQL (1.2)		<EQL (1)	
SC25	Surface Water		UAZ_UTRAU	18-Nov-2025			1.8		<EQL (1)		<EQL (1)	
SC27	Surface Water		UAZ_UTRAU	20-Nov-2024			1.82		<EQL (1.2)		<EQL (1)	
SC27	Surface Water		UAZ_UTRAU	18-Nov-2025			1.82		<EQL (1)		<EQL (1)	

	KSZCL = 'Key Source Zone Concentration Limit' which is equivalent to 150% of maximum value observed for KSZ monitoring wells between 2005 and 2007 monitoring period.
[##]	EPA Functional Guideline Code of 'J' was applied to the result, indicating an estimated quantity.
<EQL(##)	Constituent was below detection. The sample-specific Estimated Quantitation Limit is in parentheses.
	Result exceeds the KSZCL for KSZ wells, or exceeds the MCL for surface water locations
	Result is between the MCL and the KSZCL for KSZ wells, and exceeds the MCL for all other wells.
	Result is less than the applicable limit and without EPA Functional Guidline qualifiers.
Blue Text	Not a required sample analysis.

August 27, 2026

Ms. Susan Fulmer
Mr. Jon Richards 9

Table 2: LAOCB and LRSB Performance Monitoring Results (4Q2020)

LAOCB Results

	CARBON-14 (pCi/L)	COBALT-60 (pCi/L)	GROSS ALPHA (pCi/L)	NONVOLATILE BETA (pCi/L)	STRONTIUM-90 (pCi/L)	TRITIUM (pCi/mL)
MCL	2,000	100	15	50	8	20
LCO 2DL (10/13/2020)	4.6 U	-3.17 U	3.49 J	1.66 U	0.633 U	0.155 U
LCO 6DL (10/12/2020)	358	0.239 U	2.31 U	1.02 U	0.939 U	0.78 J
LCO 6DL Lab Dup	NA	NA	NA	NA	0.124 U	0.871 J

LRSB Results - 10/12/2020

LSB 4	NA	NA	NA	NA	0.971 U	NA
LSB 4 Lab Dup	NA	NA	NA	NA	-1.26 U	NA

U - Non Detect
J - Estimated Value
Detection without a qualifier
Exceeds MCL/Preliminary Remediation Goal

NA = not analyzed

August 27, 2026

Ms. Susan Fulmer
Mr. Jon Richards

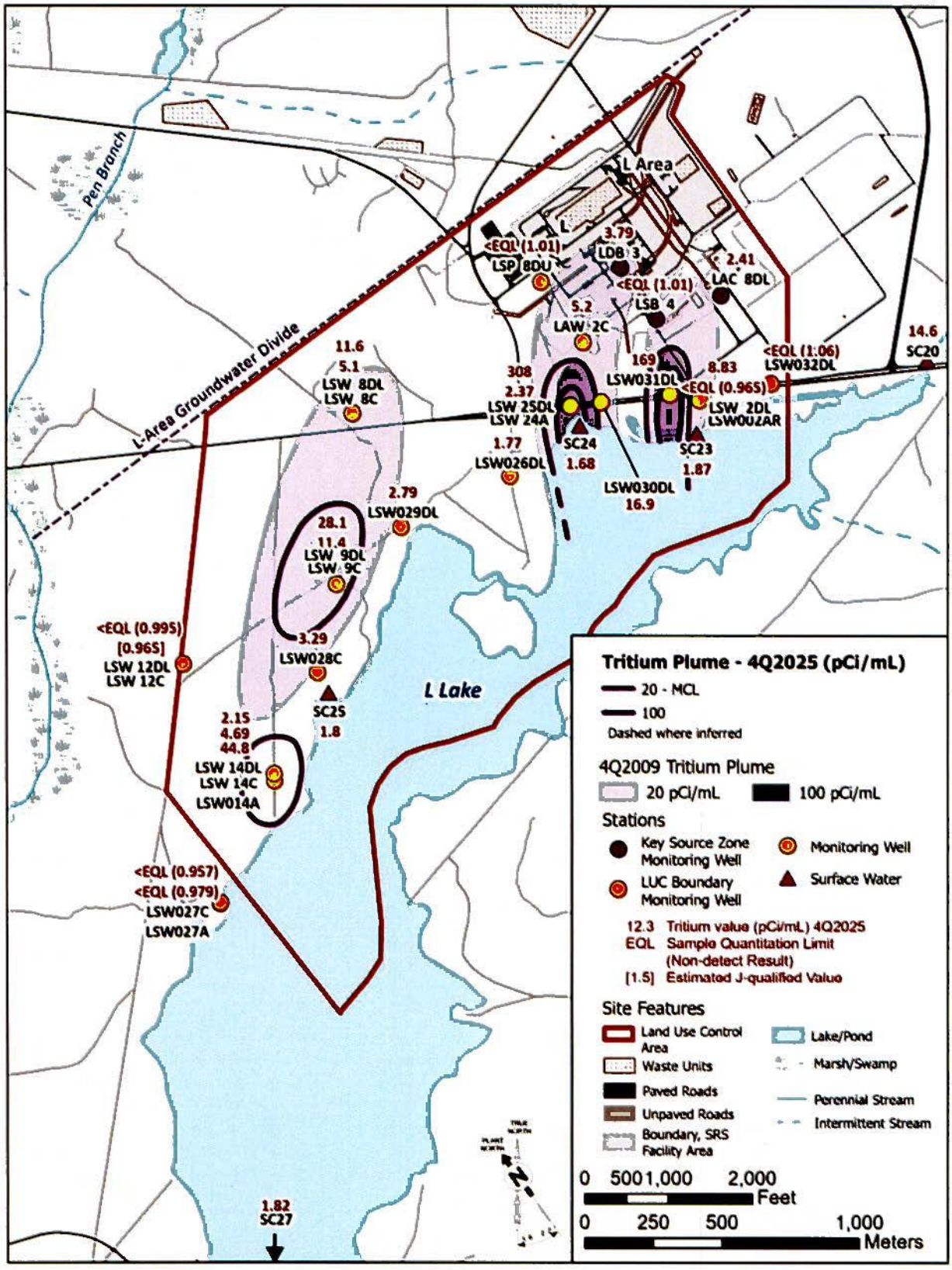


Figure 1: 4Q 2025 Tritium Concentrations and Plume at LASG OU

August 27, 2026

Ms. Susan Fulmer
Mr. Jon Richards

11

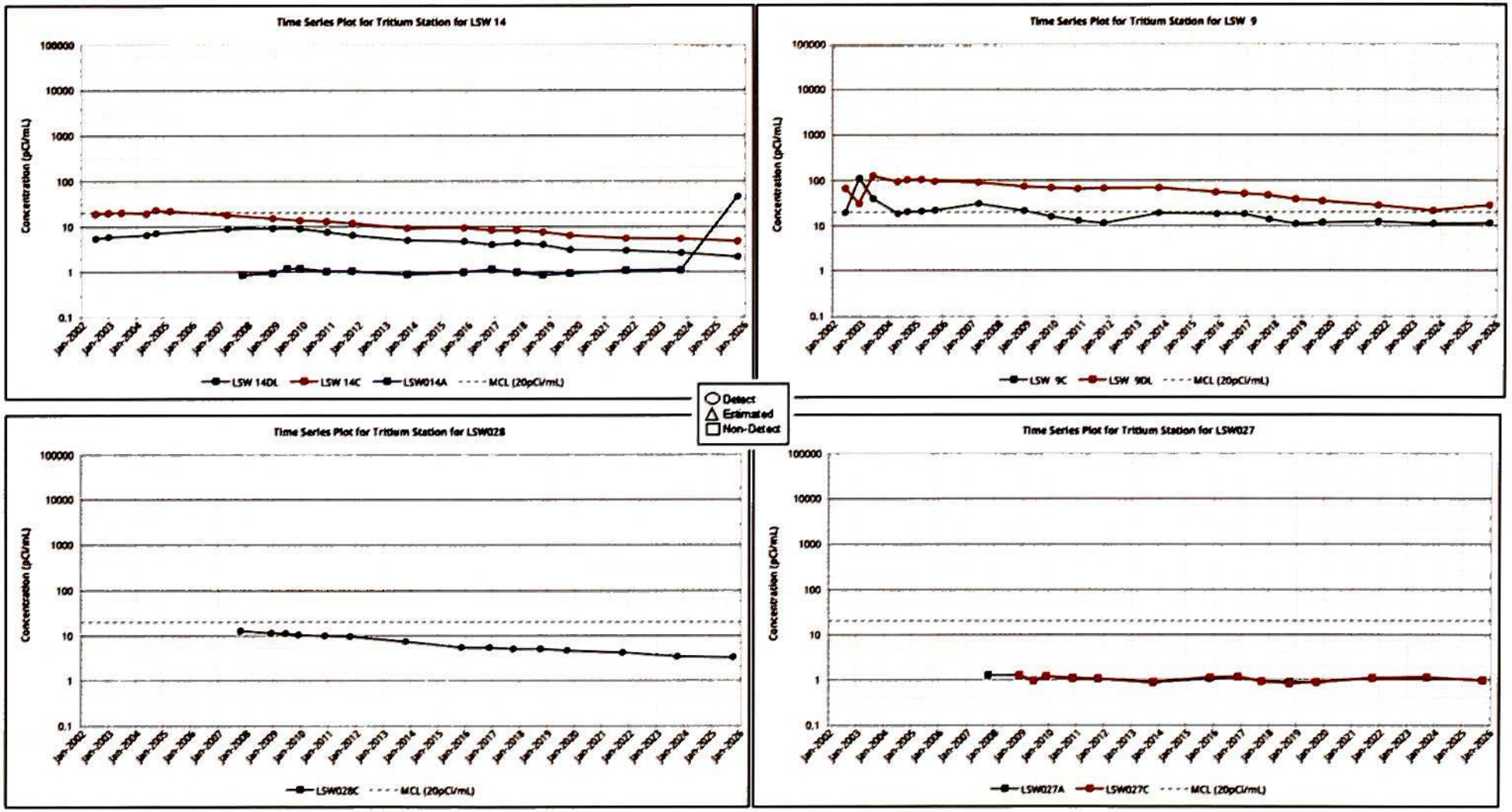


Figure 2: Time-series Trends of Tritium at Wells LSW014A, LSW 14DL, LSW 14C, LSW 9DL, LSW 9C, LSW028C, LSW027C, and LSW027A

August 27, 2026

Ms. Susan Fulmer
Mr. Jon Richards

12

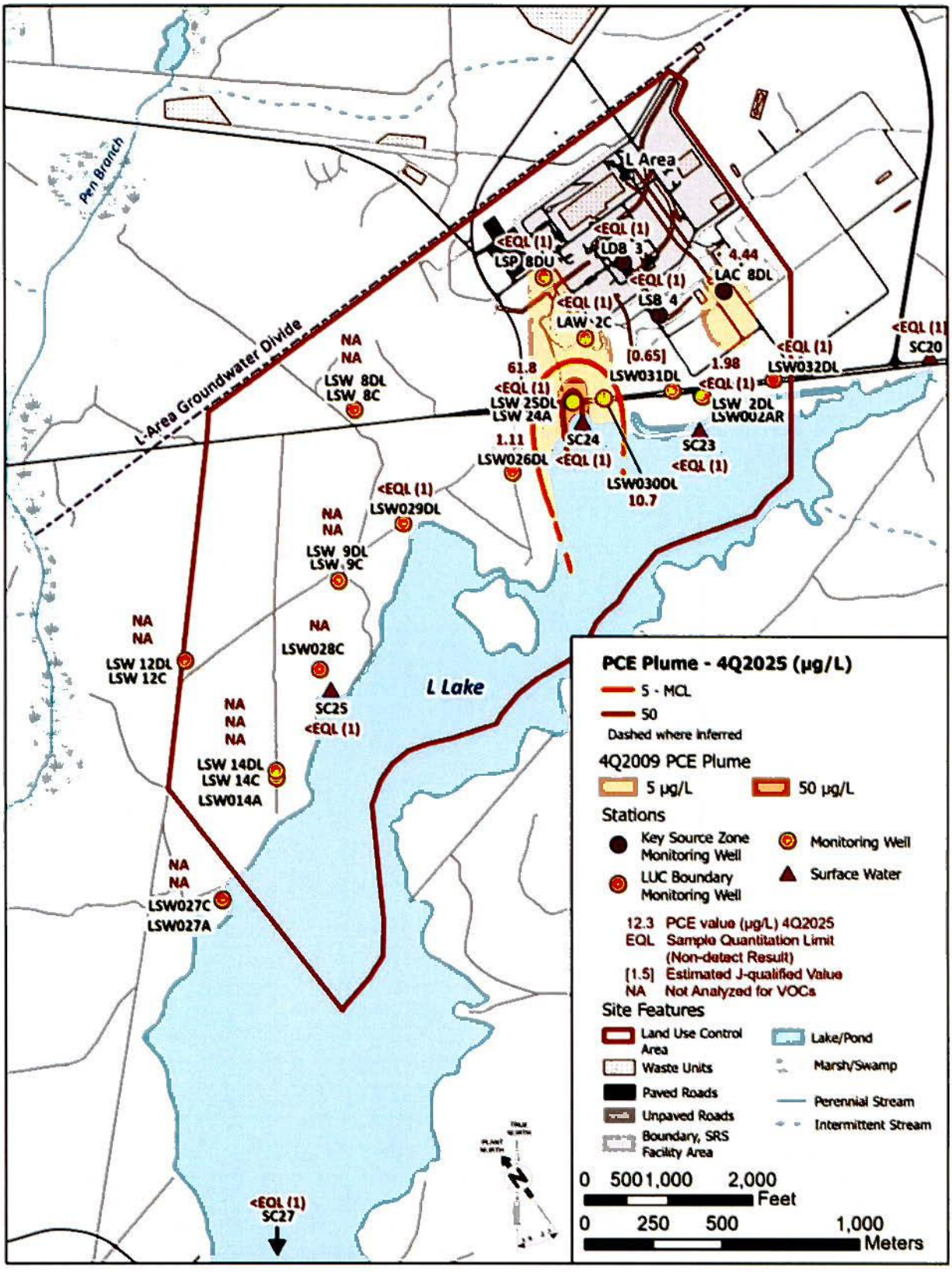


Figure 3: 4Q 2025 PCE Concentrations and Plume at LASG OU

August 27, 2026

Ms. Susan Fulmer
Mr. Jon Richards

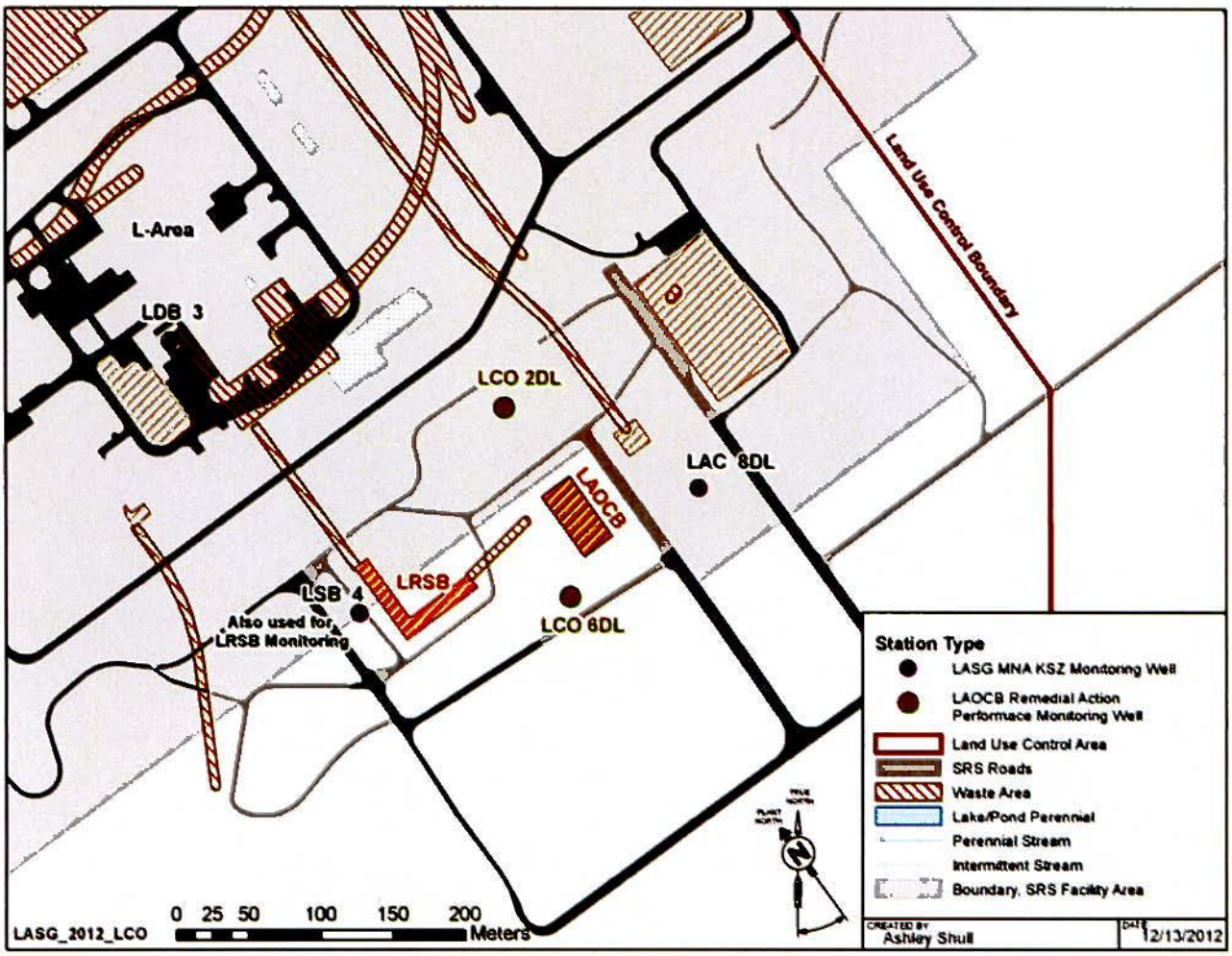


Figure 4: Location of the LAOCB, LRSB, and Associated Monitoring Wells