

**Shelia Mcfalls**

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**From:** Richards, Jon M. <Richards.Jon@epa.gov>  
**Sent:** Tuesday, January 31, 2023 5:18 PM  
**To:** Shelia Mcfalls; Fulmer, Susan  
**Cc:** Cathcahe (dhec.sc.gov); Frasielb (dhec.sc.gov); munngh@dhec.sc.gov; HENNESSEY, BRIAN; ADAMS, KAREN; MORROW, KAREN D; HAMMETT, AVERY G; Chris Bergren; Shannan Lucero; Kelsey Holcomb; Thelesia Oliver; J Ross; Amy Meyer; Ryan Mcdaniel; Timothy02 West; Melissa Hanshew; Larry Holmes; Larry Mullikin; Joao Cardoso-Neto; Branden Kramer; Bryce Garner; Cheyenne Rivera; Joseph Burch; Bette Ross; Fuss, Travis R.; Gregory N. O'Quinn (oquinngn@dhec.sc.gov); Bethany Cameron; K. Leigh Beatty (beattykl@dhec.sc.gov); herlonhl@dhec.sc.gov  
**Subject:** [EXTERNAL] RE: Request for Approval to Excavate and Repair the RWM-05 Recovery Well Line Located within the M-Area Operable Unit and M-Area Inactive Process Sewer Lines Operable Unit Land Use Control Boundaries

EPA approves this request to excavate and repair the RWM-05 line so that the M-1 Air Stripper can be returned to service, and that the M-1 Air Stripper is a part of a RCRA-permitted corrective action. EPA acknowledges that this excavation will occur within the MAOU and MIPS LUC boundaries. Please contact me if you have any questions

Jon Richards  
Regional Radiation Expert & RPM  
US EPA R4, SEMD  
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**From:** Shelia.Mcfalls@srs.gov <Shelia.Mcfalls@srs.gov>  
**Sent:** Tuesday, January 31, 2023 9:25 AM  
**To:** Richards, Jon M. <Richards.Jon@epa.gov>; Fulmer, Susan <fulmersb@dhec.sc.gov>  
**Cc:** Pope, Robert <Pope.Robert@epa.gov>; Cathcahe@dhec.sc.gov; Frasielb@dhec.sc.gov; munngh@dhec.sc.gov; brian.hennessey@srs.gov; karen-m.adams@srs.gov; Karen.Morrow@srs.gov; avery.hammett@srs.gov; chris.bergren@srs.gov; Shannan.Lucero@srs.gov; Kelsey.Holcomb@srs.gov; thelesia.oliver@srs.gov; j.ross@srs.gov; Amy.Meyer@srs.gov; ryan.mcdaniel@srs.gov; timothy02.west@srs.gov; Melissa.Hanshew@srs.gov; Larry.Holmes@srs.gov; larry.mullikin@srs.gov; joao.cardoso-neto@srs.gov; Branden.Kramer@srs.gov; Bryce.Garner@srs.gov; Cheyenne.Rivera@srs.gov; joseph.burch@srs.gov; bette.ross@srs.gov; Fuss, Travis R. <FUSSTR@dhec.sc.gov>; Gregory N. O'Quinn (oquinngn@dhec.sc.gov) <oquinngn@dhec.sc.gov>; Bethany Cameron <cameroba@dhec.sc.gov>; K. Leigh Beatty (beattykl@dhec.sc.gov) <beattykl@dhec.sc.gov>; herlonhl@dhec.sc.gov  
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SRNS-J2000-2023-00058

Jon and Susan,

On December 25, 2022, a subsurface leak was discovered near recovery well RWM-05, approximately 50 yards southeast of the well. Recovery well RWM-05 is part of the M-1 Air Stripper system, which is part of the Resource Conservation and Recovery Act-permitted corrective action for the M-Area and Metallurgical Laboratory Hazardous Waste Management Facilities. The M-1 Air Stripper was shut down when the leak was discovered. This portion of the M-1 Air Stripper system is located within the M-Area Operable Unit (MAOU) and M-Area Inactive Process Sewer Lines Operable Unit (MIPSL OU) land use control (LUC) boundaries. The RWM-05 line that leaked is a 4-inch or 6-inch high

density polyethylene pipe that is located approximately 4 feet below the surface. Savannah River Site (SRS) will need to excavate to expose and repair the pipe, and then backfill the area.

Section 4.4, Site Use Program, of the Land Use Control Implementation Plan (LUCIP) for the MAOU (WSRC-RP-2008-4067, Revision 1, April 2009) states “No change in land use or excavation at the MAOU shall be undertaken without USEPA and SCDHEC approval.” Section 4.4, Site Use Program, of the LUCIP for the MIPS L OU (081-M) (WSRC-RP-2006-4068, Revision 1, April 2007) states “No change in land use or excavation at the MIPS L OU shall be undertaken without USEPA and SCDHEC approval.” Although the pipe that requires repair is not part of the MAOU or the MIPS L OU, the excavation is within the MAOU and MIPS L OU LUC boundaries. Therefore, SRS is requesting approval from the USEPA and SCDHEC to excavate and repair the RWM-05 line so that the M-1 Air Stripper can be returned to service. Please review the information contained in this email and provide your approval to excavate within the MAOU and MIPS L LUC boundaries as soon as possible.

Please note that there are inactive process sewer lines nearby with potential radiological contamination. SRS does not anticipate any impact; however, the Radiological Protection Department will be monitoring accordingly.

Please contact me if you have any questions, comments, or concerns.

Thanks

**Shelia L. McFalls** | Savannah River Nuclear Solutions, LLC | Environmental Compliance & Area Completion Projects | [shelia.mcfalls@srs.gov](mailto:shelia.mcfalls@srs.gov) | 1.803.952.6819 office | 1.803.645.8119 cell | 1.803.725.7243, #19367 pager | 1.803.952.6403 fax | Savannah River Site | Building 730-4B, 3134 | Aiken, SC 29808

