

**From:** [Mckenna, James J CIV \(US\)](#)  
**To:** [Kurt Kochan](#)  
**Cc:** [Ashby Scott](#); [mcgoldrick.catherine@epa.gov](mailto:mcgoldrick.catherine@epa.gov); [beth lohman](#); [Hawks, Jody \(US\)](#); [Diioia, Leonard L Jr CIV USARMY JMC \(USA\)](#); [Howell, Jeffrey T \(Jeff\) CIV USARMY \(USA\)](#); [Cutler,Jim](#); [Gross, Kimberly NAB](#); [Bonnie Morris](#); [Joni L. Jorgensen-Risk](#); [Paul Philemonoff](#)  
**Subject:** [External]RE: [Non-DoD Source] Draft Final SWMU 49 MNA Report Year 3  
**Date:** Tuesday, April 9, 2019 7:59:54 AM  
**Attachments:** [VA1210020730\\_DEQ\\_corr\\_49\\_2019-04-09.pdf](#)

---

Hi Kurt, Beth and Jim,

Thanks for your response on SWMU 49 MNA Report Year 3.  
Do you know the review status of the SWMU 54 Year 6 MNA LTM draft final? It was submitted at the same time as the SWMU 49 Year 3 report.

Thank you all for your support of the Radford AAP Installation Restoration Program.  
Jim

Bonnie, Joni, Paul,  
Note as the SWMU 49 report is now final, please move it from the draft status link on the IRP website to the links to the SWMU 49 site list and to the chronological list and include the correspondence file (consists of the attached DEQ letter, BAE 02/19/2019 certification letter and my 02/15/2019 email).  
Let me know if you have questions or concerns.

Thanks in advance for your support of the Radford AAP Installation Restoration Program,  
Jim

-----Original Message-----

From: Kurt Kochan [<mailto:kurt.kochan@deq.virginia.gov>]  
Sent: Tuesday, April 9, 2019 8:28 AM  
To: Mckenna, James J CIV (US) <james.j.mckenna16.civ@mail.mil>  
Cc: Ashby Scott <ashby.scott@deq.virginia.gov>; mcgoldrick.catherine@epa.gov; beth lohman <ealohman@deq.virginia.gov>; Hawks, Jody (US) <jody.hawks@baesystems.com>  
Subject: [Non-DoD Source] Draft Final SWMU 49 MNA Report Year 3

Jim-

Please find attached the Department's response to the above-referenced report.

Best,

Kurt

Kurt W. Kochan  
Remedial Project Manager  
Virginia Department of Environmental Quality Office of Remediation Programs  
P.O. Box 1105 Richmond, VA 23218  
(703) 583-3825



# COMMONWEALTH of VIRGINIA

## DEPARTMENT OF ENVIRONMENTAL QUALITY

Street address: 1111 E. Main Street, Suite 1400, Richmond, Virginia 23219

Mailing address: P.O. Box 1105, Richmond, Virginia 23218

[www.deq.virginia.gov](http://www.deq.virginia.gov)

Matthew J. Strickler  
Secretary of Natural Resources

David K. Paylor  
Director

(804) 698-4000  
1-800-592-5482

April 9, 2019

Mr. Jim McKenna  
Radford Army Ammunition Plant  
Route 114, P.O. Box 1  
Radford, Virginia 24143-0100

### VIA ELECTRONIC MAIL

**Re: Draft Final SWMU 49 Monitored Natural Attenuation Sampling Year Three Report  
Radford Army Ammunitions Plant  
Route 114, Radford, Virginia 24141  
EPA ID#: VA1210020730**

Dear Mr. McKenna:

This letter acknowledges the receipt and review of the Draft Final SWMU 49 Monitored Natural Attenuation Sampling Year Three Report (Report), submitted to the Virginia Department of Environmental Quality, Office of Remediation Programs (Department) by BAE Systems on behalf of the Radford Army Ammunitions Plant (RFAAP).

The Department concurs with the recommendations in the Report and has no further comment. The Department accepts the draft version as final.

If you have any additional technical questions, you may contact me at 703-583-3825 or by email at [Kurt.Kochan@deq.virginia.gov](mailto:Kurt.Kochan@deq.virginia.gov).

Sincerely,

A handwritten signature in cursive script, appearing to read "Kurt W. Kochan".

Kurt W. Kochan  
Corrective Action Project Manager  
Office of Remediation Programs

cc: RFAAP Correspondence File  
Ashby Scott, VDEQ-CO  
Beth Lohman, VDEQ-BRRO  
Cassie McGoldrick, EPA Region 3  
Jody Hawks, BAE

**From:** [Mckenna, James J CIV \(US\)](#)  
**To:** ["Cutler, Jim"](#); ["Kochan, Kurt \(DEQ\)"](#); ["beth lohman"](#)  
**Cc:** ["Gross, Kimberly U CIV USARMY CENAB \(US\)"](#); ["Bonnie Morris"](#); ["Hawks, Jody \(US\)"](#); ["Patton, Mark \(US\)"](#); [Pizarro.Luis@epamail.epa.gov](mailto:Pizarro.Luis@epamail.epa.gov); ["Joni L. Jorgensen-Risk"](#); [Sarah Skrobialowski](#)  
**Subject:** RE: Draft Final SWMU 49 MNA Report Year 3 and SWMU 54 MNA Report Year 6  
**Date:** Friday, February 15, 2019 6:21:45 AM  
**Importance:** High

---

Kurt Kochan, Jim Cutler, Beth Lohman,

Note the BSe share file site links below for the subject reports.  
Certification will follow by separate letter.

If anyone needs a hard copy of this report, please let me know so I can coordinate with Bonnie, Joni and Kim in getting it sent out.

For the SWMU49 LTM Year 3  
Caution-<https://bseak.sharefile.com/d-sb6a2f94c21747a78>

For the SWMU54 LTM Year 6  
Caution-<https://bseak.sharefile.com/d-sa6d9ac1497f427ca>

Thank you for your support of the Radford AAP Installation Restoration Program.

James McKenna

Confidentiality Note: This e-mail is Official Correspondence and is For Official Use Only, it is intended only for the person or entity to which it is addressed, and may contain information that is privileged, confidential, sensitive, or otherwise protected from disclosure. If you receive this email in error please notify the sender immediately.

CLASSIFICATION: UNCLASSIFIED

ORDNANCE SYSTEMS INC.  
Radford Army Ammunition Plant  
4050 Pepper's Ferry Road  
Radford Virginia 24141

February 19, 2019

**VIA ELECTRONIC MAIL**

Mr. Kurt Kochan  
Virginia Department of Environmental Quality  
Groundwater/Correction Action Program Manager  
Office of Remediation Programs  
PO Box 1105  
Richmond, VA 23218

Mr. James L. Cutler, Jr.  
Virginia Department of Environmental Quality  
629 East Main Street  
Richmond, VA 23219

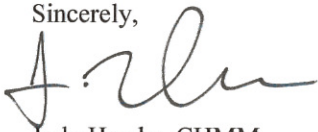
**Subject: With Certification, Draft Final SMWU 49 Monitored Natural Attenuation Sampling Year Three Report, February 2019; Draft Final SWMU 54 Monitored Natural Attenuation Sampling Year Six Report, February 2019 EPA ID# VA1210020730**

Dear Mr. Kochan and Mr. Cutler:

Enclosed is the certification for the subject documents that were sent to you on February 15, 2019. Also enclosed is the February 15, 2019 transmittal email.

If you have any questions, please contact me at 540-639-7701 ([jody.hawks@baesystems.com](mailto:jody.hawks@baesystems.com)) or Mr. James McKenna, Radford AAP Army Staff at 540 731 5782.

Sincerely,



Jody Hawks, CHMM  
Sr. Environmental Specialist  
BAE Systems, Ordnance Systems Inc.

encl

c: Elizabeth Lohman  
Virginia Department of Environmental Quality  
Blue Ridge Regional Office  
3019 Peters Creek Road  
Roanoke, VA 24019

Mary Ellen Maly  
U.S. Army Environmental Command  
Cleanup and Munitions Response Division  
2450 Connell Road, Bldg 2264, 1<sup>st</sup> Floor, Room 126  
Fort Sam Houston, TX 78234-7664

Luis Pizarro  
Associate Director, Office of Remediation  
US Environmental Protection Agency, Region III  
1650 Arch Street  
Philadelphia, PA 19103-2029 Mail Code: (3LC20)

Kim Gross  
Corps of Engineers, Baltimore District  
ATTN: CENAB-EN-HM  
10 South Howard Street  
Baltimore, MD 21201

Coordination:

  
J. McKenna

bc: Environmental File 19-0900-028  
J. McKenna – ACO Staff  
L. Diioia – ACO Staff  
M. McCoy – BAE  
C. Bandera – BAE

Concerning the following:

Radford Army Ammunition Plant  
Draft Final SWMU 49  
Monitored Natural Attenuation Sampling  
Year Three Report February 2019

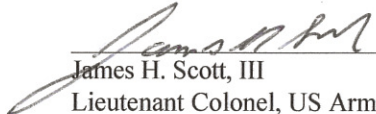
Draft Final SWMU 54  
Monitored Natural Attenuation Sampling  
Year Six Report February 2019

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

SIGNATURE:

PRINTED NAME:

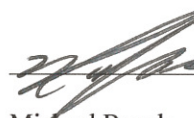
TITLE:

  
James H. Scott, III  
Lieutenant Colonel, US Army  
Commanding

SIGNATURE:

PRINTED NAME:

TITLE:

  
Michael Bocek  
General Manager  
BAE Systems