

From: Kurt Kochan <kurt.kochan@deq.virginia.gov>
Sent: Thursday, June 4, 2020 10:01 AM
To: Mckenna, James J CIV (USA)
Cc: Maly, Mary Ellen CIV USARMY IMCOM AEC (USA); jody. hawks; Losano-Ramsey, Ellen A.; Pace, Anthony; Rebecca Wright; pizarro.luis@epa.gov; Johnson, Chad M CIV USARMY JMC (USA); Lyons, Bridgett E CIV (USA); Nikki Herschler; Kyle Newman; Walworth, Nicole U CIV USARMY CENAB (USA)
Subject: RE: [Non-DoD Source] Draft Final QAPP v2 - March 2020 Former Trench Mortar Range MRS Project - Radford AAP

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Good morning Jim,

DEQ has no further comment. Please finalize the QAPP and resubmit. Thanks.

Best,

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

From: Mckenna, James J CIV (USA) <james.j.mckenna16.civ@mail.mil < Caution-mailto:james.j.mckenna16.civ@mail.mil > >
Sent: Tuesday, May 5, 2020 2:49 PM
To: Kurt Kochan <kurt.kochan@deq.virginia.gov < Caution-mailto:kurt.kochan@deq.virginia.gov > >
Cc: Maly, Mary Ellen CIV USARMY IMCOM AEC (USA) <mary.e.maly.civ@mail.mil < Caution-mailto:mary.e.maly.civ@mail.mil > >; jody. hawks <Jody.Hawks@baesystems.com < Caution-mailto:Jody.Hawks@baesystems.com > >; Losano-Ramsey, Ellen A. <Ellen.Losano-Ramsey@westonsolutions.com < Caution-mailto:Ellen.Losano-Ramsey@westonsolutions.com > >; Pace, Anthony <pacea@westonsolutions.com < Caution-mailto:pacea@westonsolutions.com > >; Rebecca Wright <rebecca.wright@deq.virginia.gov < Caution-mailto:rebecca.wright@deq.virginia.gov > >; pizarro.luis@epa.gov < Caution-mailto:pizarro.luis@epa.gov > >; Johnson, Chad M CIV USARMY JMC (USA) <chad.m.johnson2.civ@mail.mil < Caution-mailto:chad.m.johnson2.civ@mail.mil > >; Lyons, Bridgett E CIV (USA) <bridgett.e.lyons.civ@mail.mil < Caution-mailto:bridgett.e.lyons.civ@mail.mil > >; Nikki Herschler <nichole.herschler@deq.virginia.gov < Caution-mailto:nichole.herschler@deq.virginia.gov > >; Kyle Newman <kyle.newman@deq.virginia.gov < Caution-mailto:kyle.newman@deq.virginia.gov > >; Walworth, Nicole U CIV USARMY CENAB (USA) <nicole.u.walworth.civ@mail.mil < Caution-mailto:nicole.u.walworth.civ@mail.mil > >
Subject: RE: [Non-DoD Source] Draft Final QAPP v2 - March 2020 Former Trench Mortar Range MRS Project - Radford

AAP

Importance: High

Kurt,

Our responses to the comments from your April 30, 2020 email below are in the attached files for your review and action.

We will revise and resubmit the subject QAPP upon receipt of your concurrence/approval.

If there questions or concerns let's discuss.

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

From: Kurt Kochan <kurt.kochan@deq.virginia.gov < Caution-mailto:kurt.kochan@deq.virginia.gov > >
Sent: Thursday, April 30, 2020 3:32 PM
To: Walworth, Nicole U CIV USARMY CENAB (USA) <nicole.u.walworth.civ@mail.mil < Caution-mailto:nicole.u.walworth.civ@mail.mil > >; Mckenna, James J CIV (US) <james.j.mckenna16.civ@mail.mil < Caution-mailto:james.j.mckenna16.civ@mail.mil > >
Cc: Maly, Mary Ellen CIV USARMY IMCOM AEC (USA) <mary.e.maly.civ@mail.mil < Caution-mailto:mary.e.maly.civ@mail.mil > >; jody. hawks <Jody.Hawks@baesystems.com < Caution-mailto:Jody.Hawks@baesystems.com > >; Losano-Ramsey, Ellen A. <Ellen.Losano-Ramsey@westonsolutions.com < Caution-mailto:Ellen.Losano-Ramsey@westonsolutions.com > >; Pace, Anthony <pacea@westonsolutions.com < Caution-mailto:pacea@westonsolutions.com > >; Rebecca Wright <rebecca.wright@deq.virginia.gov < Caution-mailto:rebecca.wright@deq.virginia.gov > >; pizarro.luis@epa.gov < Caution-mailto:pizarro.luis@epa.gov > ; Johnson, Chad M CIV USARMY JMC (USA) <chad.m.johnson2.civ@mail.mil < Caution-mailto:chad.m.johnson2.civ@mail.mil > >; Lyons, Bridgett E CIV (USA) <bridgett.e.lyons.civ@mail.mil < Caution-mailto:bridgett.e.lyons.civ@mail.mil > >; Howell, Jeffrey T (Jeff) CIV USARMY (USA) <jeffrey.t.howell.civ@mail.mil < Caution-mailto:jeffrey.t.howell.civ@mail.mil > >; Nikki Herschler <nichole.herschler@deq.virginia.gov < Caution-mailto:nichole.herschler@deq.virginia.gov > >; Kyle Newman <kyle.newman@deq.virginia.gov < Caution-mailto:kyle.newman@deq.virginia.gov > >
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Hi Nicole,

All response to comments are acceptable except the following. Please find DEQ response in red below.

11	Kurt Kochan	page 10	Appendix Q, Section 1.5.1	If the sediment pathway is open, then surface water ingestion could be as well.
12	Kurt Kochan		Appendix Q, Section 2.1.1	Carnivorous mammals and birds have been identified at RFAAP and should be included in the SLERA.

DEQ Comment to Response to DEQ Comment 12: **Current and future incidental ingestion and dermal adsorption for the surface water pathway should be included in the HHRA for any receptors that have the potential to be exposed to any standing or flowing water.**

DEQ Comment to Response to DEQ Comment 12: **These receptors should still be included, though RFAAP may perform a refined SLERA. The refined SLERA can account for a site being a limited portion of the receptor's home range through the use of an area use factor.**

Please let me know if you have any questions or comments. Thanks.

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

From: Walworth, Nicole U CIV USARMY CENAB (USA) <nicole.u.walworth.civ@mail.mil < Caution-Caution-mailto:nicole.u.walworth.civ@mail.mil < Caution-mailto:nicole.u.walworth.civ@mail.mil %3c Caution-Caution-mailto:nicole.u.walworth.civ@mail.mil > > >
Sent: Wednesday, March 25, 2020 2:55 PM
To: Mckenna, James J CIV (US) <james.j.mckenna16.civ@mail.mil < Caution-Caution-mailto:james.j.mckenna16.civ@mail.mil < Caution-mailto:james.j.mckenna16.civ@mail.mil %3c Caution-Caution-mailto:james.j.mckenna16.civ@mail.mil > > >; kurt.kochan@deq.virginia.gov < Caution-mailto:kurt.kochan@deq.virginia.gov > < Caution-Caution-mailto:kurt.kochan@deq.virginia.gov < Caution-mailto:kurt.kochan@deq.virginia.gov > >
Cc: Maly, Mary Ellen CIV USARMY IMCOM AEC (USA) <mary.e.maly.civ@mail.mil < Caution-Caution-mailto:mary.e.maly.civ@mail.mil < Caution-mailto:mary.e.maly.civ@mail.mil %3c Caution-Caution-mailto:mary.e.maly.civ@mail.mil > > >; jody.hawks (Jody.Hawks@baesystems.com < Caution-mailto:Jody.Hawks@baesystems.com > < Caution-Caution-mailto:Jody.Hawks@baesystems.com < Caution-mailto:Jody.Hawks@baesystems.com > >) <Jody.Hawks@baesystems.com < Caution-Caution-mailto:Jody.Hawks@baesystems.com < Caution-mailto:Jody.Hawks@baesystems.com %3c Caution-Caution-mailto:Jody.Hawks@baesystems.com > > >; Losano-Ramsey, Ellen A. <Ellen.Losano-Ramsey@WestonSolutions.com < Caution-mailto:Ellen.Losano-Ramsey@WestonSolutions.com > > >; Pace, Anthony <pacea@WestonSolutions.com < Caution-mailto:pacea@WestonSolutions.com > > >; Wright, Rebecca <rebecca.wright@deq.virginia.gov < Caution-Caution-mailto:rebecca.wright@deq.virginia.gov < Caution-mailto:rebecca.wright@deq.virginia.gov %3c Caution-Caution-mailto:rebecca.wright@deq.virginia.gov > > >; pizarro.luis@epa.gov < Caution-mailto:pizarro.luis@epa.gov > < Caution-Caution-

mailto:pizarro.luis@epa.gov < Caution-mailto:pizarro.luis@epa.gov > > ' <pizarro.luis@epa.gov < Caution-Caution-mailto:pizarro.luis@epa.gov < Caution-mailto:pizarro.luis@epa.gov %3c Caution-Caution-mailto:pizarro.luis@epa.gov > > >; Johnson, Chad M CIV USARMY JMC (USA) <chad.m.johnson2.civ@mail.mil < Caution-Caution-mailto:chad.m.johnson2.civ@mail.mil < Caution-mailto:chad.m.johnson2.civ@mail.mil %3c Caution-Caution-mailto:chad.m.johnson2.civ@mail.mil > > >; Lyons, Bridgett E CIV (USA) <bridgett.e.lyons.civ@mail.mil < Caution-Caution-mailto:bridgett.e.lyons.civ@mail.mil < Caution-mailto:bridgett.e.lyons.civ@mail.mil %3c Caution-Caution-mailto:bridgett.e.lyons.civ@mail.mil > > >; Howell, Jeffrey T (Jeff) CIV USARMY (USA) <jeffrey.t.howell.civ@mail.mil < Caution-Caution-mailto:jeffrey.t.howell.civ@mail.mil < Caution-mailto:jeffrey.t.howell.civ@mail.mil %3c Caution-Caution-mailto:jeffrey.t.howell.civ@mail.mil > > >; Nichole.Herschler@DEQ.Virginia.gov < Caution-mailto:Nichole.Herschler@DEQ.Virginia.gov > < Caution-Caution-mailto:Nichole.Herschler@DEQ.Virginia.gov < Caution-mailto:Nichole.Herschler@DEQ.Virginia.gov > > >
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Kurt - I uploaded the document so you should see something from DoD Safe. If you do not see it, please let me know. I hope you are staying safe during this crazy time.

Nicole Walworth
Mobile: (443) 469-1377

From: Mckenna, James J CIV (US)
Sent: Friday, March 20, 2020 9:33 AM
To: kurt.kochan@deq.virginia.gov < Caution-mailto:kurt.kochan@deq.virginia.gov > < Caution-Caution-mailto:kurt.kochan@deq.virginia.gov < Caution-mailto:kurt.kochan@deq.virginia.gov > > >
Cc: Maly, Mary Ellen CIV USARMY IMCOM AEC (USA); jody.hawks (Jody.Hawks@baesystems.com < Caution-mailto:Jody.Hawks@baesystems.com > < Caution-Caution-mailto:Jody.Hawks@baesystems.com < Caution-mailto:Jody.Hawks@baesystems.com > > >); Losano-Ramsey, Ellen A.; Pace, Anthony; Wright, Rebecca; 'pizarro.luis@epa.gov < Caution-mailto:pizarro.luis@epa.gov > < Caution-Caution-mailto:pizarro.luis@epa.gov < Caution-mailto:pizarro.luis@epa.gov > > ' >; Johnson, Chad M CIV USARMY JMC (USA); Lyons, Bridgett E CIV (USA); Howell, Jeffrey T (Jeff) CIV USARMY (USA); Walworth, Nicole U CIV USARMY CENAB (USA); Nichole.Herschler@DEQ.Virginia.gov < Caution-mailto:Nichole.Herschler@DEQ.Virginia.gov > < Caution-Caution-mailto:Nichole.Herschler@DEQ.Virginia.gov < Caution-mailto:Nichole.Herschler@DEQ.Virginia.gov > > >
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Kurt,

Nicole Walworth, Baltimore Corps of Engineers will be providing a SAFE link to the subject document to this email distribution. It has been revised to address DEQ comments.
A certification letter will follow.

Thanks in advance for your support of the Radford Army Ammunition Plant Installation Restoration and Munitions Response Programs.
Jim McKenna

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