



U.S. ARMY

RADFORD ARMY AMMUNITION PLANT

**Community Meeting
6 September 2023
Christiansburg Public Library
Facebook Live**

**LTC Adrien G. Humphreys
Commander, U.S. Army**





RADFORD ARMY AMMUNITION PLANT

Introductions

U.S. Army

LTC Adrien G. Humphreys

Commander

Radford Army Ammunition Plant

Robert Davie

Deputy to the Commander

Radford Army Ammunition Plant Army Staff

Laura Dickerson

Environmental Protection Specialist

Radford Army Ammunition Plant Army Staff

U.S. Army Corps of Engineers

Andrea Henry

Project Manager, USACE – Norfolk District

BAE Systems, Inc.

Carla Givens

Environmental Director, BAE Systems, Inc.

Laura McLaughlin

Communications Manager, BAE Systems, Inc.





LTC Adrien G. Humphreys

Commander, Radford Army Ammunition Plant





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Agenda

- **Welcome, Introductions, Opening Comments**
- **Community Activity Update**
- **Update on Environmental Performance**
- **EWI-CWP Update**
- **Wrap Up, Questions**





PARTICIPANT GUIDELINES

Guidelines:

- All participants are to treat each other with courtesy and respect.
- When someone is speaking, do not interrupt them.
- Raise your hand if you have a question or comment.
- Keep questions and comments concise.
- Do not become verbally combative with other attendees or participants.

Recording devices:

- Authorized under Virginia law 2.2-3707

Failure to comply:

- First instance of non-compliance will receive a verbal reminder of the guidelines.
- Second instance of non-compliance will receive a verbal reminder of the guidelines and a notification that a third instance will result in removal from the meeting.
- Third instance of non-compliance will result in the offender being escorted out of the meeting area by security.



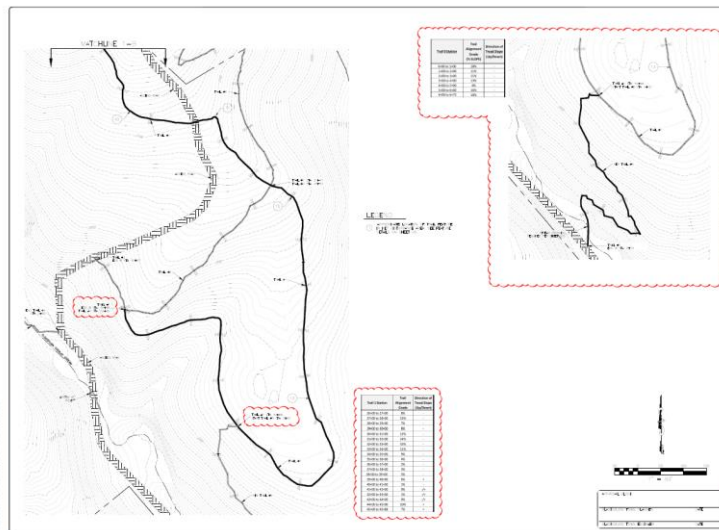


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Community Activity – New River Land Trust

- Brush Mountain Park Trail
- Preservation of forest, allowing the community to safely access and enjoy the environment
- Radford Army Ammunition Plant sponsoring new trail
- Land Trust buys properties, turns over to the town for community parks. Ensures conservation efforts.





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Radford AAP Environmental Performance

- ✓ Extensive controls and safety measures, including stringent permitting and reporting requirements, are in place to ensure the health and safety of the surrounding communities and to protect the environment.
- ✓ Received Warning Letter in August 2023 for March BOD and Q1 toxicity exceedances.
- ✓ The exceedances were reported to Virginia DEQ as required by permit. **They did not endanger public health, and there were no observed impacts to the environment.**

Industrial “Bioplant” System Solutions Working	Acidic Wastewater Treatment System Working Solutions
✓ Actions taken in 2022 and 2023 have provided improved performance of the system. ✓ Microbial and nutrient additions are being continued to ensure health of the system. ✓ No further permit excursions since March 2022.	✓ BOD exceedance June 2023 ✓ Inspecting process areas for individual sources ✓ Toxicity values back within permit limits in Q2 and Q3, continued investigating with additional testing focused on multiple contributors





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Radford AAP Environmental Performance

Visitor Parking Lot

✓ DEQ Inspection in June 2023 resulted in a Warning Letter

- Parking lot was expanded in 2017-2018. Initial plan disturbed less than one acre.
- Construction execution inadvertently placed material stockpile in an adjacent area, involving disturbance of approximately 1.8 acres without coverage under the Construction General Permit.
- Facility erroneously planned to purchase Nutrient Credits as the mechanism to meet water quality, but this option was not available for DOD facilities.



✓ A response was provided to DEQ Warning Letter 31 August 2023

- Working with subcontractor to find viable options for meeting quality and quantity requirements.
- Working with the Army to conserve land within the property boundary.





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Storage Building Fire

- On 8 August 2023 a storage building containing a minimal amount of propellant caught fire.
- No people were in the building at the time of the fire, and there were no injuries.
- We have numerous systems in place to ensure safety. The building structure and barricade contained the fire to building footprint, and the building performed as designed.
- With our strong commitment to safety, we have launched an investigation to determine the root cause.





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Energetic Waste Incinerator/Contaminated Waste Processor Complex

EWI/CWP Groundbreaking

Groundbreaking 3 August, 2023

- Leaders from AMC, JMC, DASA-ESOH, USACE Norfolk District and Parsons in attendance.

What is the EWI?

- The EWI/CWP will thermally treat energetic waste in an emission-controlled environment.
- The air pollution control devices went through a Best Available Control Technology analysis that ensures we are using the right, most protective technology.

Why it's important:

- The EWI/CWP facility is an alternative technology to the open burning ground and provides a modern solution for safer waste removal with air pollution control devices.
- The construction of the new EWI/CWP facility will nearly eliminate the use of the open burning ground at RFAAP.
- Radford is ahead of DOD requirements and the community's involvement is a strong part of the project's success.



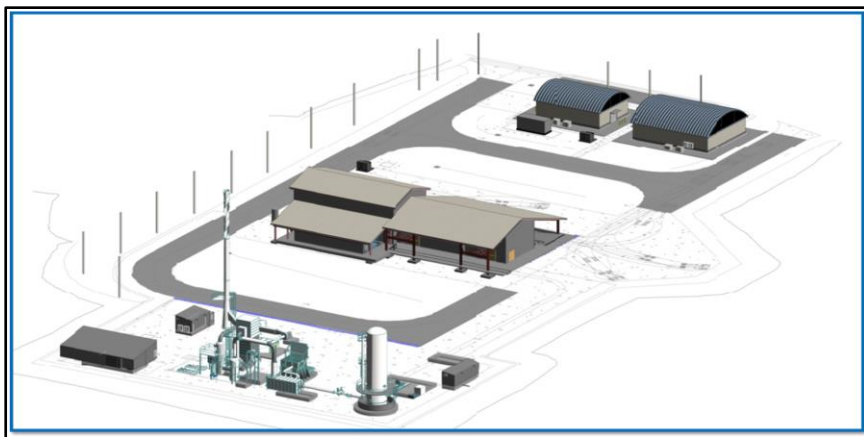


Radford Army Ammunition Plant

Energetic Waste Incinerator/Contaminated Waste Processor Complex

OVERVIEW

- The new EWI/CWP facility will nearly eliminate the use of the open burning ground at RFAAP
- This effort provides support under the facilities upgrade and modernization program and will ensure RFAAP continued compliance and ability to treat current waste streams
- Contract Awarded by USACE Norfolk District: \$145M



Timeline dependent on
Environmental Permitting



- Actions completed
- Actions Pending





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Questions





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Information is Available

Our commitment to responding to your questions doesn't end tonight. Resources exist for you to research information on your own or ask us questions.

Resources

Facebook: Like us at [Radford Army Ammunition Plant](#)

Homepage: www.jmc.army.mil/Radford/RadfordDefault.aspx

Email: USARMY.RIA.JMC.MBX.AMSJM-PA@ARMY.MIL

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