



U.S. ARMY

RADFORD ARMY AMMUNITION PLANT

Community Meeting

23 July 2024, 1830

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

Barron Feit

Chief, Risk Management

Radford Army Ammunition Plant

Laura Dickerson

Environmental Protection Specialist

Radford Army Ammunition Plant Army Staff

Mark Kane

Public Affairs Specialist

Joint Munitions Command

U.S. Army Corps of Engineers

Andrea Henry

Project Manager, USACE – Norfolk District

BAE Systems, Inc.

Laura McLaughlin

Communications Manager, BAE Systems, Inc.





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Agenda

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





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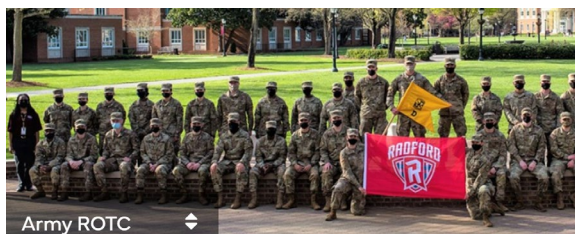
Community Activities to date

Virginia Tech Army Reserve Officers' Training Corps

New River Battalion



MILITARY RESOURCE CENTER



Army ROTC



**WOUNDED WARRIOR
PROJECT**

- Engaging **Radford University & Virginia Tech ROTC**
- **Association of U.S. Army Blue Ridge Chapter Engagement**
- **Fishing Rodeo**
 - Wounded Warrior
 - Intellectual Disabilities Agency of the New River Valley
- **Montgomery County Animal Shelter**
 - Employee voluntary donation drive & engagement
- **Feeding Southwest Virginia food bank**





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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.
- ✓ Recognized as Virginia Department of Health's "2023 Virginia's Optimization Program (VOP)" **Gold Award Winner**. This highlights the teamwork to provide Radford Army Ammunition Plant superior quality drinking water.
- Wastewater exceedance in Q2, with ongoing evaluation to mitigate future occurrences. The exceedance has been reported to Virginia DEQ, as required by RFAAP's wastewater permit. **Public health was not jeopardized, and there were no observed impacts to the environment.**
- Acidic Wastewater Process Improvements:
 - ✓ **All other wastewater parameters remained within compliance of permit limits for Q1 and Q2**
 - ✓ More frequent inspections to ensure process controls
 - ✓ Continued additional testing focused on multiple contributors
 - ✓ Evaluations of discharge system for improvement opportunities

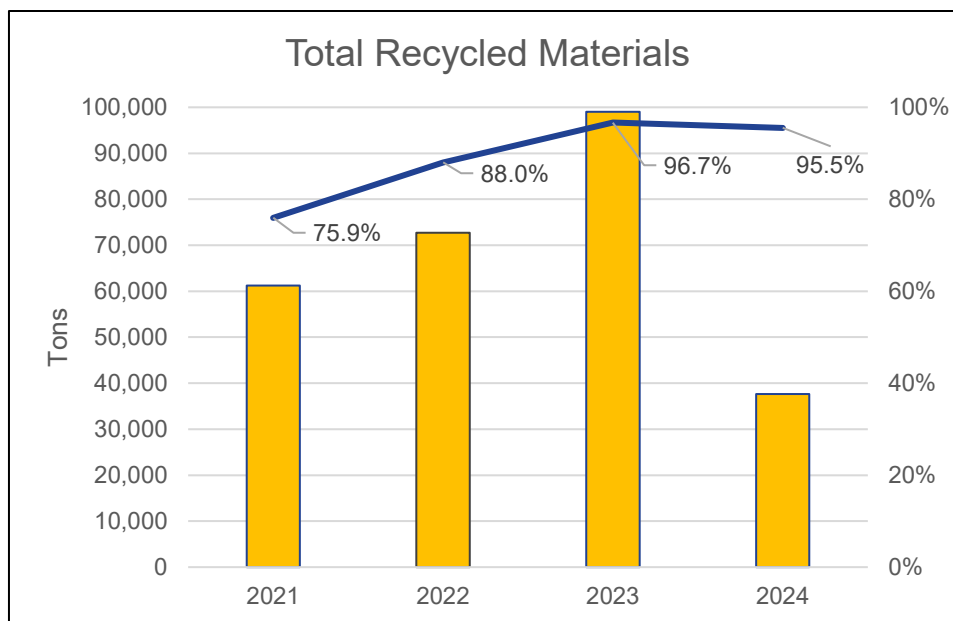




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Radford AAP Environmental Performance

- ✓ Team has brought ideas together to **increase** recycled materials.
- ✓ In 2023, the facility **increased** the total amount of material recycled by **27%** (includes recovered acids, recovered alcohol, pit cotton recovery, and scrap metal).
- ✓ The recycling rate has shown a notable increase, including a recent high of **96.7%** in 2023 and exhibiting steady performance in YTD 2024, with a rate of **95.5%**.
- ✓ Recycling material = **reduction of carbon footprint** at RFAAP





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Energetic Waste Incinerator/Contaminated Waste Processor Complex

EWI/CWP

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:

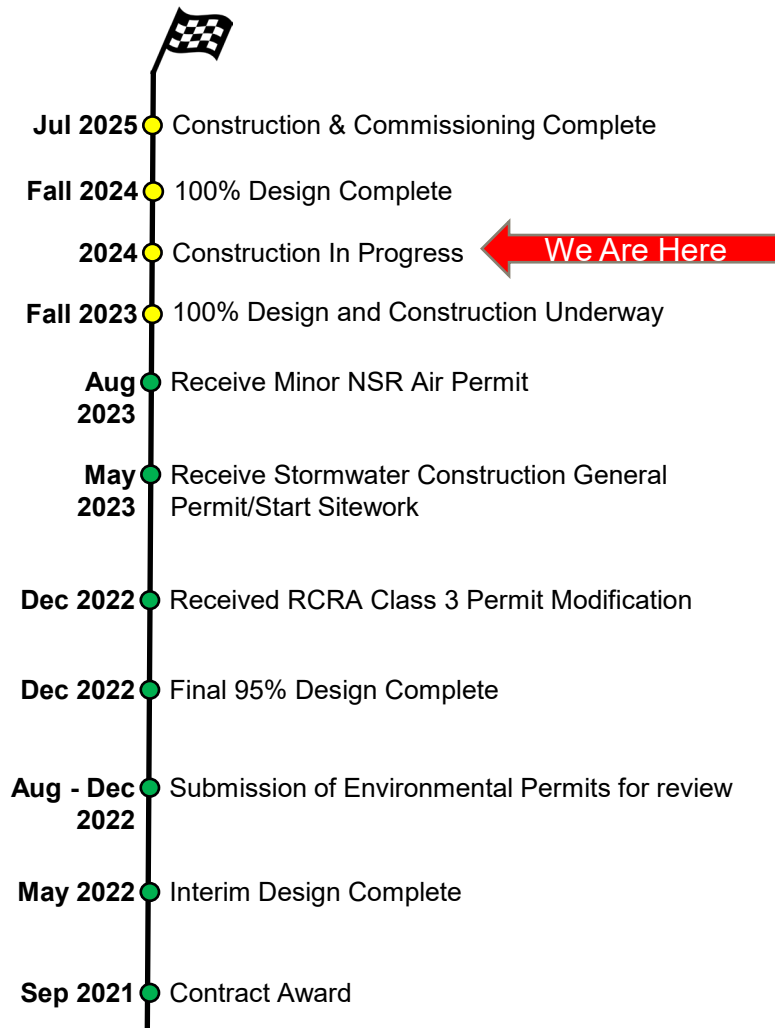
- The EWI/CWP facility is an alternative technology to the open burning ground and provides a modern solution for safer waste removal with air pollution control devices.
- The construction of the new EWI/CWP facility will nearly eliminate the use of the open burning ground at RFAAP.
- Radford is ahead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



- 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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