



U.S. ARMY

RADFORD ARMY AMMUNITION PLANT

Community Meeting
23 January 2024
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

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**





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 Activities

- **New River Land Trust Trail** Sponsorship & leadership hike
- **Rotary Club of Blacksburg** speaking engagement
- **Cub Scouts** “Meet your Heroes”
- **ROTC** Engagements with Virginia Tech and Radford University
- Radford University **Military Resource Center** Sponsorship
- Southwest Virginia Veterans Cemetery **Wreath Laying**
- **Vittles for Vets** food collection



MILITARY RESOURCE CENTER

Virginia Tech Army Reserve Officers' Training Corps

New River Battalion





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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 Solutions Working
<ul style="list-style-type: none">✓ Actions taken in 2022 and 2023 have provided improved performance of the system.✓ Operating in compliance with permit.	<ul style="list-style-type: none">✓ BOD exceedance June 2023✓ More frequent inspections to ensure process controls✓ Toxicity values remained within permit limits for Q2-Q4✓ Continued additional testing focused on multiple contributors





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Radford AAP Visitor Parking Lot Update

- **DEQ Inspection in June 2023**
 - Parking lot was expanded in 2017-2018.
 - Initial plan less than one acre.
 - Construction on less than one acre does not require a construction general permit.
 - Other construction in the plant placed material stockpile adjacent to lot work zone.
 - Material placed exceeded the one acre allowance, therefore requiring a construction general permit.
- **Undergoing permitting process**
 - Working with the Army to conserve land within the property boundary.

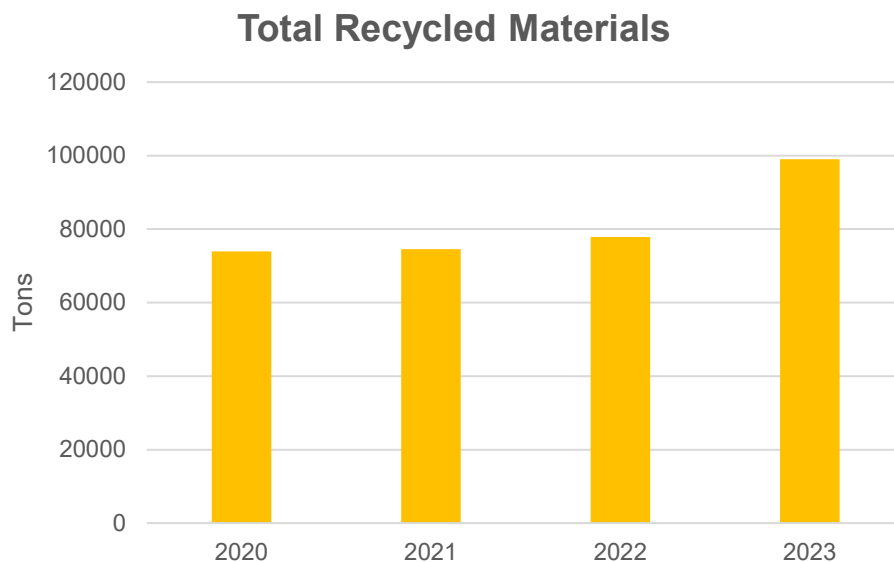




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Radford AAP Environmental Performance

- ✓ 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)
- ✓ Less downtime in the plant has allowed consistent processes, allowing us to recycle more while producing more product
- ✓ Recycling material = **reduction of carbon footprint** at RFAAP





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Energetic Waste Incinerator/Contaminated Waste Processor Complex

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

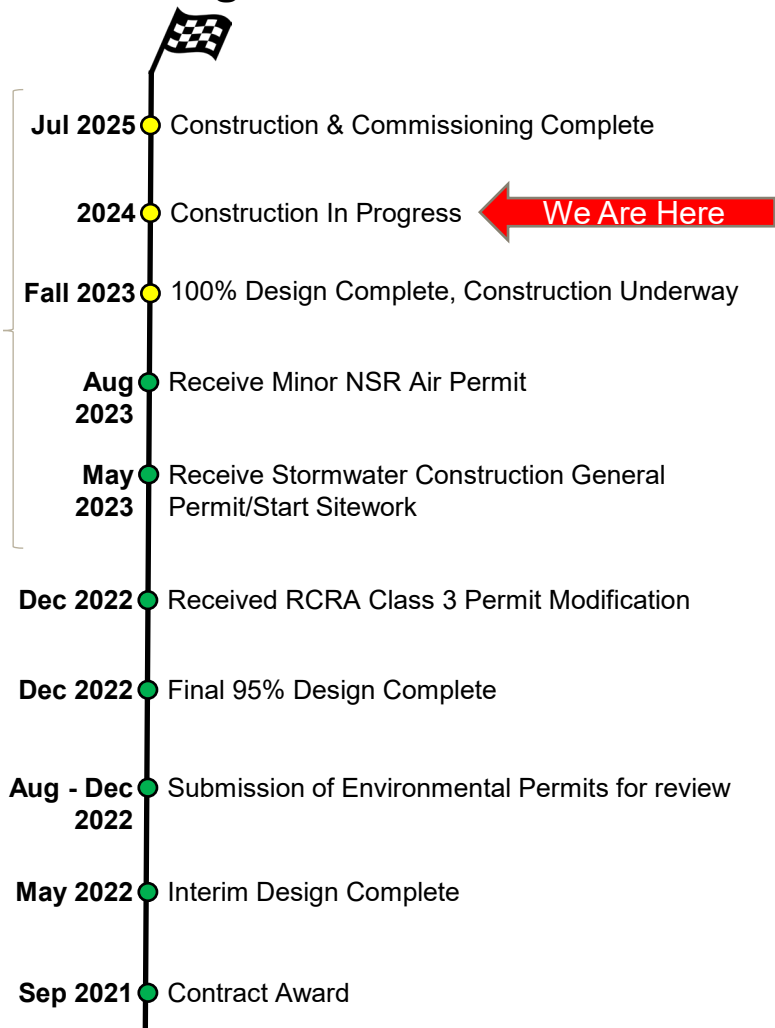
Energetic Waste Incinerator/Contaminated Waste Processor Complex

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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