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U.S. ARMY



Radford Army Ammunition Plant

Community Meeting 9 July 2020

Facebook Live

LTC Anthony J. Kazor
Commander, U.S. Army

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Agenda



- **Welcome, Introductions, Opening Comments**
- **COVID-19 Update**
- **Cause of the June 6, 2019 Fire**
- **Project Updates**
- **Wrap Up, Questions, Action Items**





Introductions

U.S. Army

LTC Anthony Kazor

Commander,
Radford Army Ammunition Plant

Robert Davie

Deputy to the Commander,
Radford Army Ammunition Plant
Army Staff

Len Diloia Jr.

Risk Management Team Supervisor
Radford Army Ammunition Plant
Army Staff

BAE Systems

Cara Bandera

SHE Manager, Radford

Jody Hawks

Environmental Manager, Radford

Claire Powell

Communications Manager, BAE Systems, Inc.





Commander Opening Comments

Command Priorities During COVID-19

- 1. Safety and Environmental Performance**
- 2. Production**
- 3. Modernization**
- 4. Business Continuity**





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Response to COVID-19: Health & Safety #1 Priority

Face Coverings

OSI has provided cotton face coverings for everyone to wear.

Social Distancing Protocol

Whenever possible, maintain a safe six foot distance from all others.



Temperature Screenings

We check the temperature of every person coming on-site.



Extensive Visitor Check at Security

Every visitor is asked about their potential exposure before coming on-site.



Hand Sanitizer & Disinfectant Spray Available

We've manufactured supplies to meet demand and keep you safe.



Hands-free Security Checks

Your badge, vehicle, and personal property are not touched by security guards during routine searches.



Turnstile Procedure Modification

We've enhanced cleaning or modified turnstile process entirely.



Enhanced Cleaning Measures

We're cleaning all common areas and surfaces frequently for your protection.





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Questions





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Cause of Fire at Radford Army Ammunition Plant on June 6, 2019

The cause of the fire at Radford Army Ammunition Plant on June 6, 2019, was determined to be overheated material that spontaneously ignited when it was exposed to air when the operator was pulling it out of the mixer. The operator suffered minor burns, and three firefighters were treated for smoke inhalation and heat exhaustion. All of them were released from the hospital the same day.

The plant has implemented operational and procedural changes to best prevent this from happening again and further reduce risk to employees. Employee training has been tailored to recognize the specific risk variables that contributed to the incident. If these conditions reoccur, all operations are stopped, employees removed, and a response team is deployed.

Maintenance procedures were also modified to reduce risk of propellant heating and additional safety zones were implemented to increase employee protection.

Producing propellant is an inherently dangerous profession, and the health and safety of our workers is our top priority. No fires have occurred in this production area since these changes were implemented.





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Questions





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Regulatory Update

Notice of Violation from DEQ

- Monitoring Violation
 - Required visible emissions inspections for equipment in one area of the plant not conducted for 3 months in 2019.
 - Inspections immediately conducted again when oversight identified.
- Reporting Violation
 - Late self-disclosure of missed visible emissions inspections to VDEQ.
- ✓ No excess emissions believed to have occurred.
 - No visible emissions for past 3 years
 - All PMs completed
 - No malfunctions occurred

VDEQ Inspection

- Underground Storage Tank (UST) Program
 - Inspection of 3 USTs conducted on 5/18/2020.
 - No compliance issues found during inspection.
- Air Compliance Inspection
 - TBD





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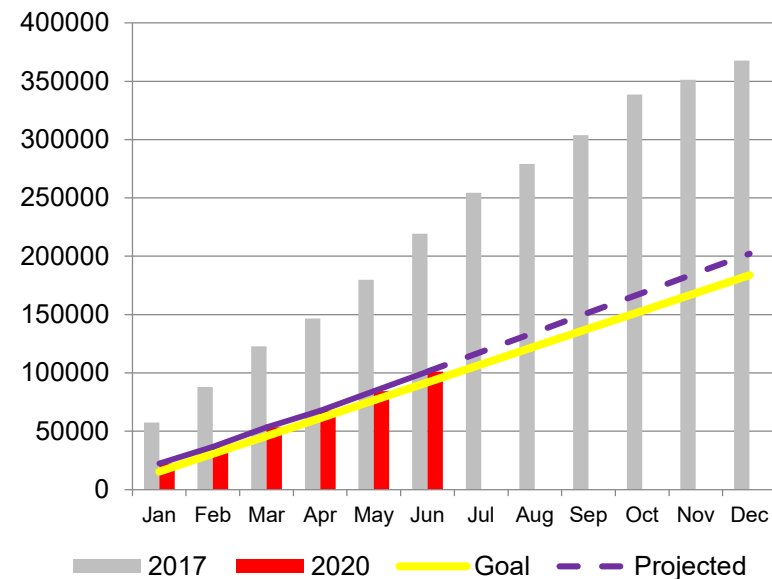
Commander's Environmental Stewardship Challenge

I challenge Team Radford to help us take care of our New River Valley home, to continue preserving the environment, and strengthening and maintaining transparency in the communities where we live and work. We must continue to think, innovate, and perform beyond compliance.

With specific challenge to:

- Reducing waste treated at open burn ground (OBG) by 50%
 - Ended 2019 with a 37% waste reduction
 - 2020 trending continues to be favorable (current trend at 45%)
 - BAE Systems has challenged tenants to help reduce OBG waste
 - Continuous Improvement Team and A3 project started to continue OBG waste reduction to meet 50%

Waste Treated via OBG
Projected vs. Goal





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Commander's Environmental Stewardship Challenge

On-going work related to reducing waste treated at the OBG

• **A3 Problem Solving Progress**

- Provides a simple and strict procedure that guides problem solving.
- Allows everyone impacted by the issue to see the problem in the same light.

• **Working with Tenants:**

- Tenant's new pumping process has diverted approximately **1,300 lbs.** of waste from OBG to the incinerator over a 5-month period.
- In one month, **1,750 lbs.** of waste material was diverted from OBG to re-use into product. Expected to continue trend of 100 lbs./week.

✓ **Note:** Waste contaminated with rocks, metal other debris cannot go through the grinder prior to the incinerator due to safety concerns, so it must be burned at the OBG.

• **BAE Systems Projects include:**

- Three “filtering” projects in Rocket Area currently being implemented to divert waste from OBG to the incinerator.
- Hazard assessment to evaluate another potentially **13,000 lbs. annual** waste stream to the incinerator that currently goes to OBG.
- Implemented increase of MK90 grain length allowed to be processed at the EWI allowing for fewer saw cuts resulting in less waste going to the OBG.
- Continued evaluation of other opportunities.





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Questions





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Next Community Engagement

- **Commander's Community Meeting**
October 8, 2020
6:30 p.m.





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.radford.peo-eis.list.rfaap-public-affairs@mail.mil

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