

UNCLASSIFIED



U.S. ARMY



Radford Army Ammunition Plant

Community Meeting 22 March 2018
Christiansburg Library 6:30 – 8:00 PM

LTC James H. Scott, III
Commander, U.S. Army

UNCLASSIFIED

Agenda



- **6:30 – 6:40: Welcome, Meeting Guidelines, Introductions**
- **6:40 – 7:00: Commanders Challenge**
- **7:00 – 7:20: Project Updates**
- **7:20 – 8:00: Wrap Up, Questions, Action Items**





Facebook Live



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





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.

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 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.

Recording Devices

- Authorized under Virginia law 2.2-3707





Introductions

U.S. Army

LTC James Scott, III

Commander,
Radford Army Ammunition Plant

Rob Davie

Deputy to the Commander

Len Diloia Jr.

Chief, Operations Team

Justine Barati

Director of Public &
Congressional Affairs
Joint Munitions Command

BAE Systems

Bob Winstead

Safety, Health, and Environment
(SHE) Manager, Radford

Mary McCoy, PE

Environmental Manager, Radford

Christopher Finley

Communications Manager, Radford





Environmental Stewardship

UNCLASSIFIED

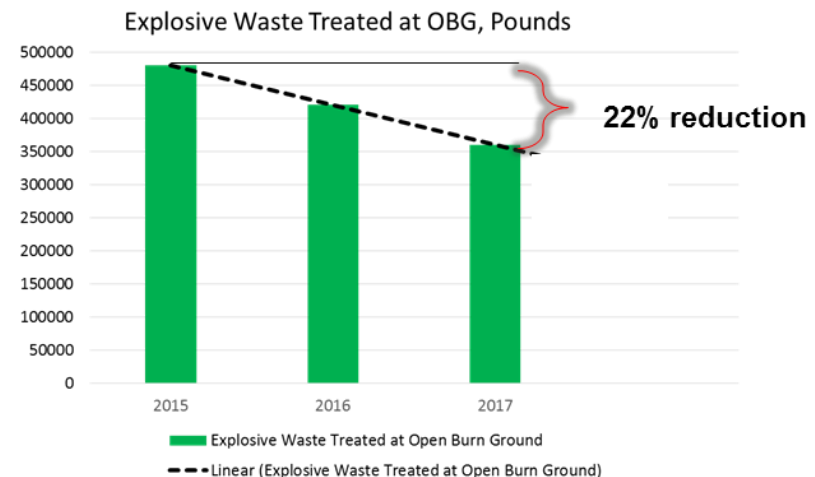
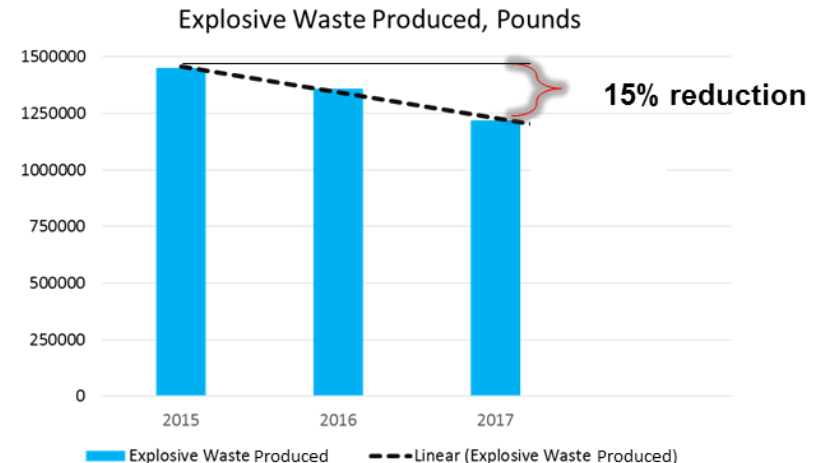
Team Radford's commitment to waste reduction

Reducing Waste at the Source

- **Modernizing for the future**
- **Process**
 - Improved procedures
 - Quality / first pass yield
- **BAE Systems & the Army Partnering**
 - Modernization
 - Goals/initiatives/objectives

Open Burning Ground Initiatives

- Waste treated at Open Burning Ground has declined from 2015 through 2017 by 22% during a period of increased production - there has been a focused effort on waste reductions at the sources





Radford Army Ammunition Plant

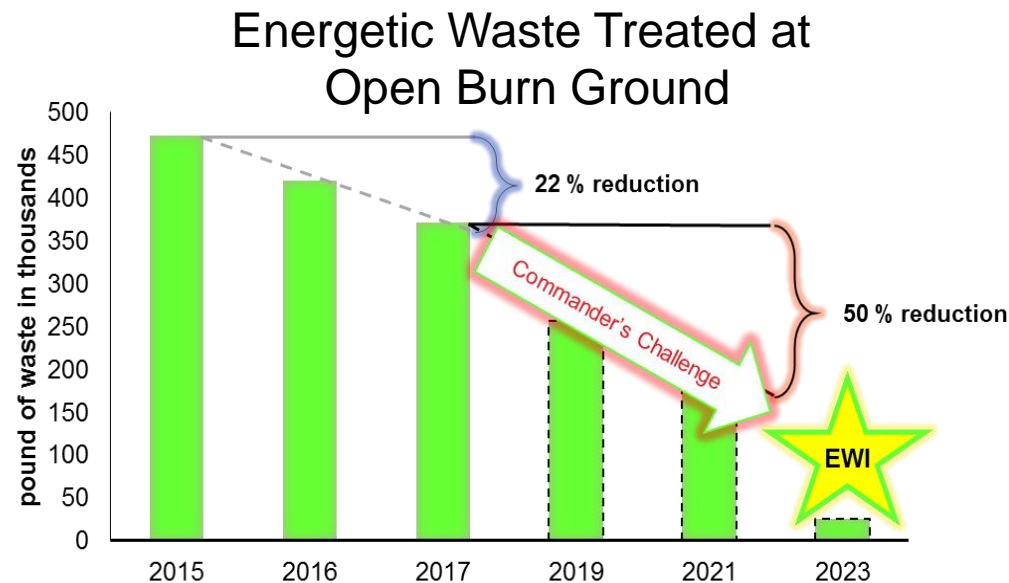
Commander's Environmental Stewardship Challenge

I challenge Team Radford to help us take care of our home, the New River Valley. To continue to preserve the environment and strengthen and maintain transparency with the communities in which we live and work.

To continue to think, innovate, and action beyond compliance.

With specific challenge to:

- ☐ Immediately reduce lead from the open burn ground
- ☐ Reducing waste treated at open burn ground by 50%; New EWI treat 95% of current waste
- ☐ Reduce waste, water, and power consumption as low as reasonably achievable
- ☐ Reduce the amount of nitrates released into the New River



EWI: Energetic Waste Incinerator





Radford Army Ammunition Plant

Commander's Environmental Stewardship Challenge

Reduce Lead from Open Burning Ground

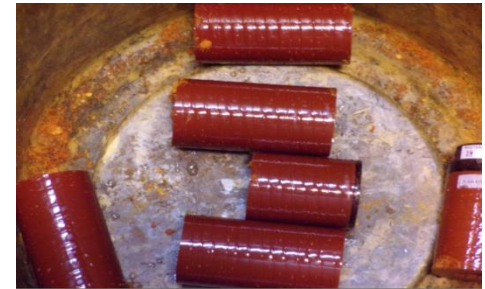
- Will be permitted to send off-spec MK-90 grains (rocket motors) to the incinerator instead of the Open Burning Ground
 - Rejected MK-90 grains will be sawed to fit into the explosive waste incinerator
- Continuing programs to reduce rocket or propellant waste generation at the source



Rejected MK-90 grains



MK-90 grains being sawed



Sawed MK-90 pieces going to incinerator instead of open burning ground



Radford Army Ammunition Plant

Commander's Environmental Stewardship Challenge

Reduce waste, water and power

- Switched from 1940's coal-fired plant to new natural gas energy center
- Project to replace and repair water infrastructure including mains and valves
- Procedures to limit use of water for freeze protection
- Continuing efforts to reduce waste
 - rocket motor wrappings

Nitrate Reduction

- Modernizing production to increase efficiencies
- Evaluating potential to use nitrogen-laden wastewater as a feedstock for biofuels and as an ammonium nitrate byproduct.

- = *Success achieved*
- = *Progressing towards goal*
- = *Developing viable way ahead*



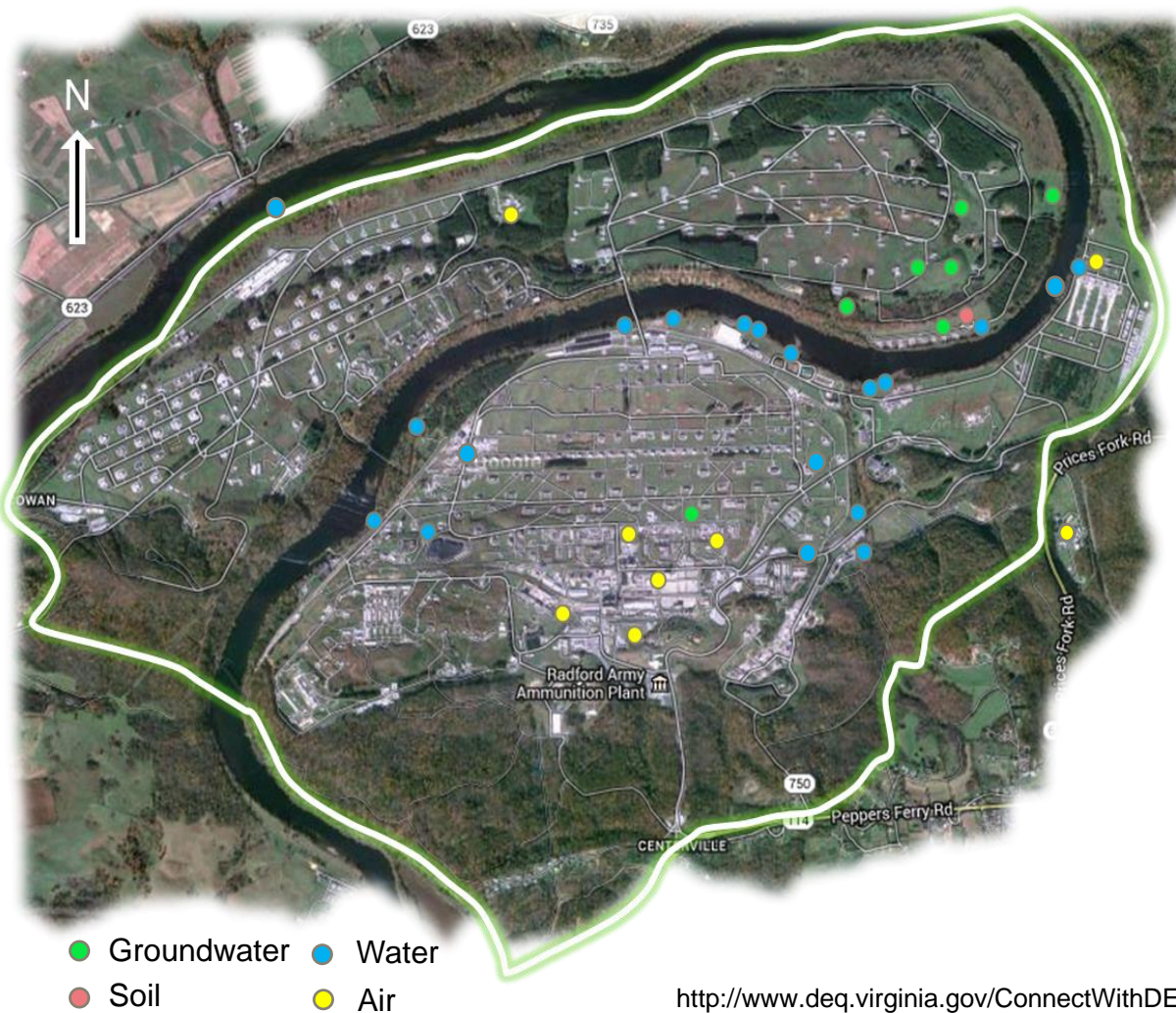


UNCLASSIFIED

Radford Army Ammunition Plant

Environmental Monitoring and Sampling

Current Monitoring & Sampling Locations



Project Path Forward:

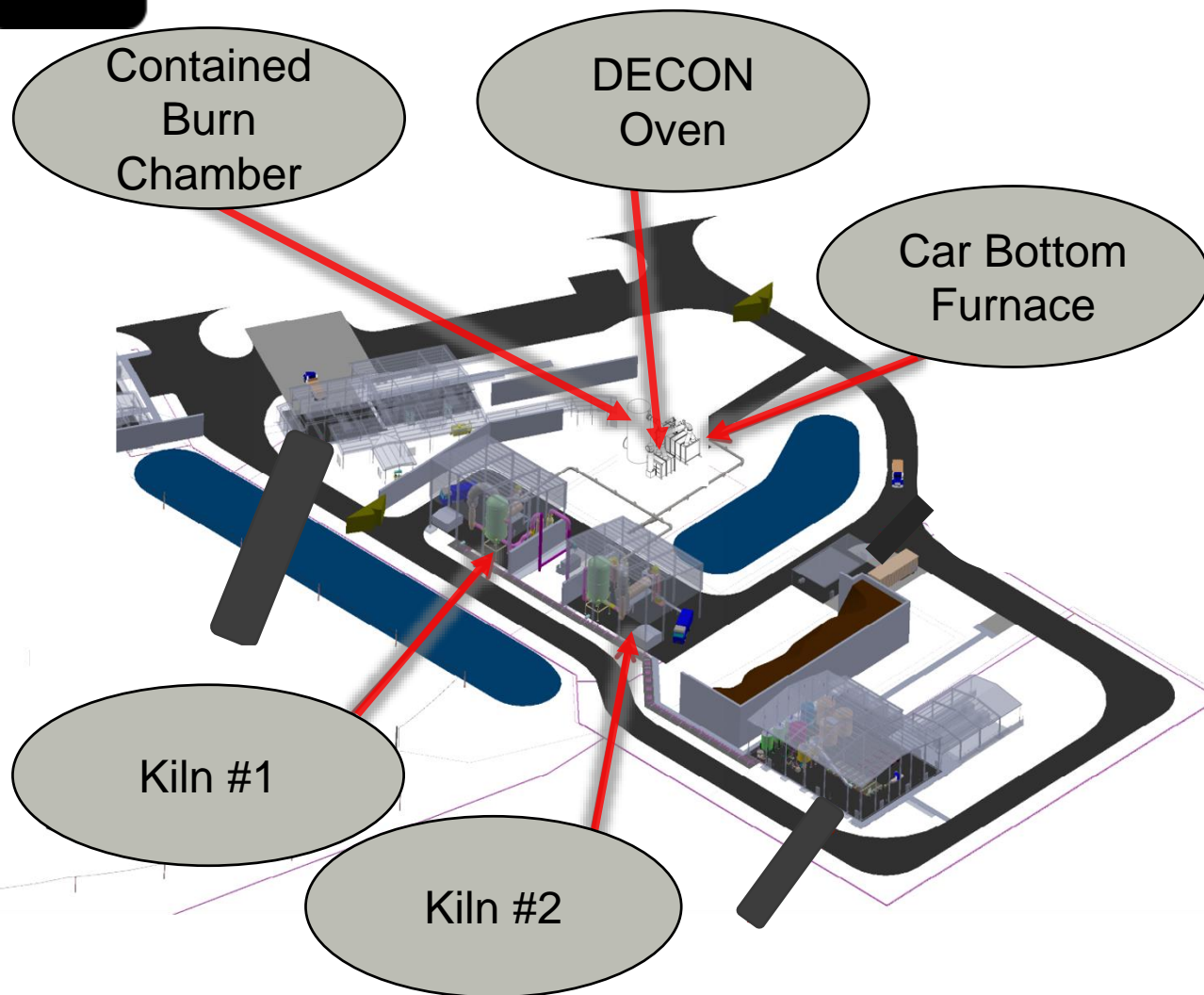
- Collaborating with Virginia Tech
- PM 2.5 / Lead Air Monitoring

<http://www.deq.virginia.gov/ConnectWithDEQ/EnvironmentalInformation/RadfordArmyAmmunitionPlant/RAAPAirEmissions.aspx>





Energetic Waste Incinerator Project



Project Path Forward:

- Government/Contractor review of 90% design 22 March 2018.
- Submittal of environmental permit applications to DEQ Spring 2018.
- Estimate for construction \$75-\$150 Million.
- Construction scheduled to be completed within 34 months after contract award and obtaining permits.





Radford Army Ammunition Plant

Next Community Meeting

- ~ 21 June
- On plant with a short tour
- By invitation only



- Focus is you...the teammates and partners that have been on this journey with us





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 questions of our personnel.

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

Twitter: Follow us at [@Radford_AAP](#)

Charlie Saks

Public Affairs Officer

Radford AAP

540.731.5785

charles.e.saks3.civ@mail.mil

Justine Barati

Director of Public & Congressional Affairs

Joint Munitions Command

309.782.7649

justine.a.barati.civ@mail.mil

www.jmc.army.mil

Christopher Finley

Communications Manager

BAE Systems

540.639.7709

chris.finley@baesystems.com

www.baesystems.com

