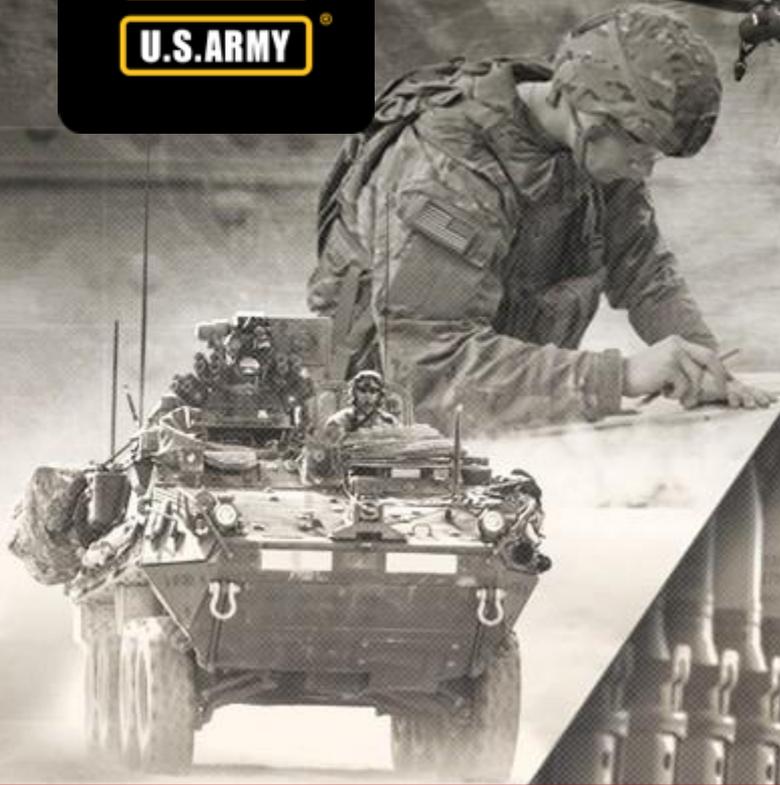


UNCLASSIFIED



U.S. ARMY



Holston Army Ammunition Plant

Community Meeting 26 February 2020

ETSU Allandale Campus

UNCLASSIFIED



INTRODUCTIONS



U.S. Army

COL Luis Ortiz

Commander,
Pine Bluff Arsenal

Joe Kennedy

Commander's Representative
Holston Army Ammunition Plant

Laura Peters

Environmental Engineer
Holston Army Ammunition Plant

Justine Barati

Director of Public &
Congressional Affairs
Joint Munitions Command

BAE Systems

William Shelton

Environmental Manager
Holston

Mike McCarthy

Claire Powell

Media and Public Relations



AGENDA



- **3 Jan 2019 incident closure**
- **PFAS**
- **Open burning diversion**
- **Flashing Furnace**
- **ASA (IEE) Memo**
- **Oversized Shipment**
- **Next Meeting**



JANUARY 2019 INCIDENT



- **Roof fire:**
 - plywood and shingles, similar to home
- **Overhang fell on parked semi trailer**
 - plywood and metal
- **Explosives on the trailer**
 - Caught fire and subsequently detonated.
 - 1/2 permitted 5,000 lbs. daily exp. burn limit
- **Production resumed June 2019**
 - Running smoothly





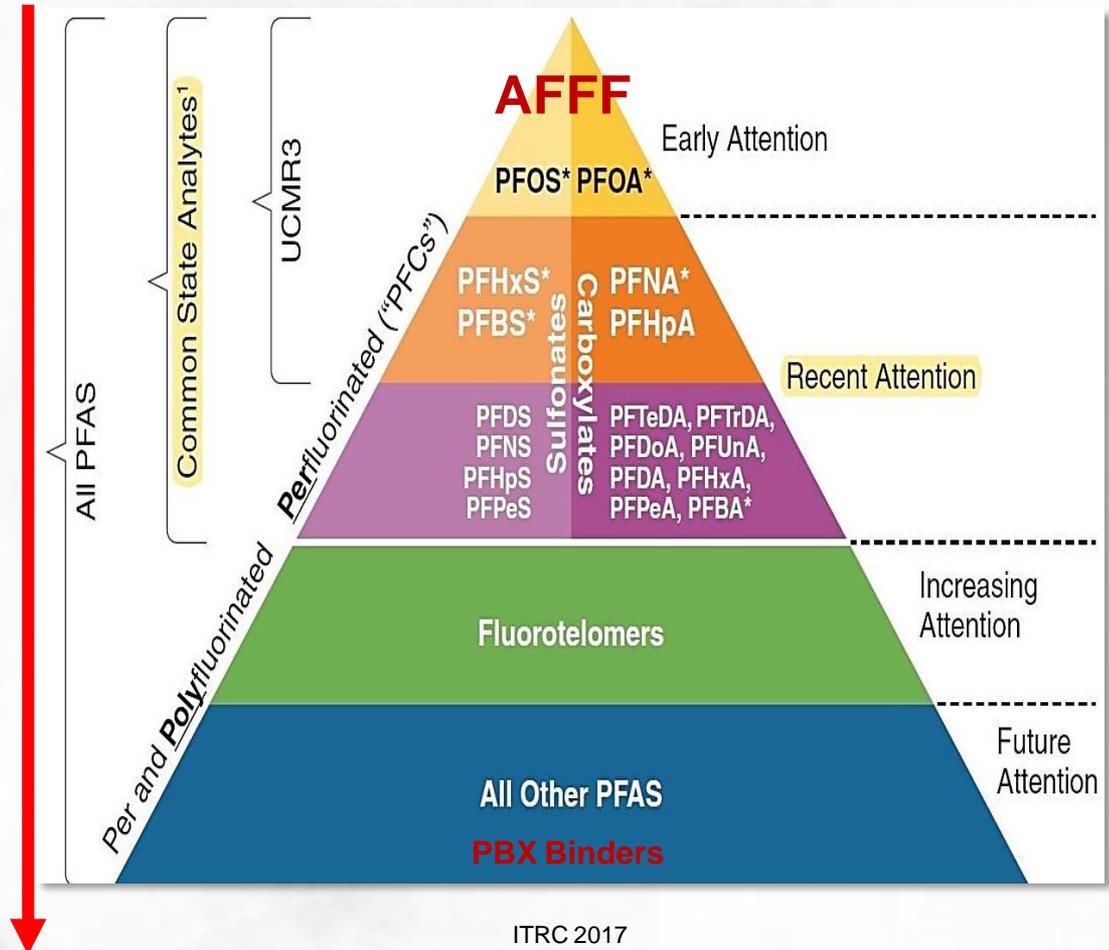
PER-AND POLYFLUOROALKYL SUBSTANCES

"PFAS"



Knowledge

- **Ground Water Wells**
 - Below Criteria
- **Drinking Water**
 - N/A
- **TRI 172 Chemicals**
 - None
- www.defense.gov/pfas
- www.denix.osd.mil/army-pfas/home/





OPEN BURNING WASTE DIVERSION

Interim Measures



- **DODI 4140.62 MPPEH Implementation**
- **Implementing a complete program to divert waste from burning grounds to on-site landfill disposal**
- **Program is a deliberate process evaluating candidate waste**
 - Over 80% of production buildings completed
 - 200 secured sort/segregation containers
 - Trained 250 production personnel
- **Waste Diversion**
 - 25% bag liners at incorporation bldg. diverted due to process change
 - Building modernization project 98% specific building debris diverted
 - Demo 4 project – 4 buildings anticipate 95% diversion

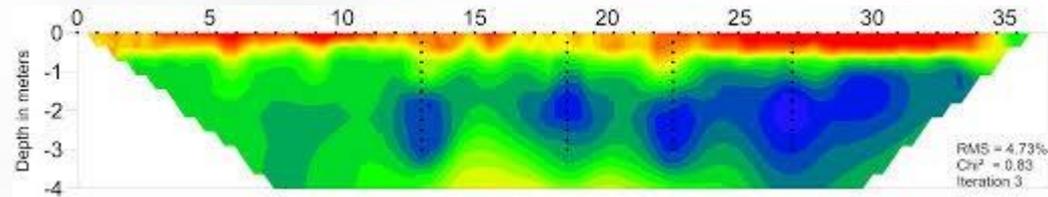


IMPLEMENTATION OF OPEN BURNING ALTERNATIVES



- **Awarded the site survey in January 2020**

- Prioritized ahead of design
- Expedites design by confidence in locational design requirements
- Electrical Resistivity Tomography (ERT)
- Geologic
- Hydrogeological
- Topographic



- **Flashing Furnace Continuing to Move Ahead**

- Design award later this quarter
- Completion Targets: Design 2021, Construction 2024.

- **NEPA report spring 2020**

- **Moving Bed Reactor technical study still ongoing.**



ASSISTANT SECRETARY OF THE ARMY

For Installation, energy & environment



- **New memo 26 Nov 2019**
- **Rescinds and replaces 1 November 2018 memo**
- **Evaluate types of materials (Phase 1) & reduce or eliminate (continuous)**
- **MPPEH in place – expert knowledge**
- **Terminate use of OB for solid waste not contaminated with explosives – Not done at HSAAP**
- **Sawn or rough cut lumber / wooden pallets (clean wood) to meet thermal decontamination requirement & authorized by permit**
 - Minimum 3 hours at 600 degrees Fahrenheit
- **Evaluate technologies (Phase 2)**
- **Timeline to procure & implement (Phases 3 &4)**
- **Technology in place and operational NLT 1 October 2026**



OVERSIZE SHIPMENTS

Arrival of Industrial Boilers at HSAAP



UPDATE: Gas-fired steam plan modernization

- **Key component of modernization effort**
 - Gas-fired steam plant replacing coal plant
 - Reduces emissions and environmental footprint
 - Helps meet future needs to support the Warfighter

- **Four massive industrial boilers arriving at HSAAP**

- First one arrived Feb. 24; three more planned for March 9, 23 and April 6
- Will keep public updated on timeframes



- **For updates**

- Holston Facebook page
- www.baesystems.com/en-us/product/Holston-army-ammunition-plant



HOLSTON ARMY AMMUNITION PLANT

Next Community Engagement



- **Commander's Community Meeting July 8, 2020**



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 [Holston Army Ammunition Plant](#)

Homepage: <http://www.jmc.army.mil/installations.aspx?id=Holston>

Justine Barati

Director of Public & Congressional Affairs
Joint Munitions Command
(309) 782-7649
justine.a.barati.civ@mail.mil
www.jmc.army.mil

Mike McCarthy

External Communications Manager
BAE Systems
(703) 907-8414
mikemccarthy2@baesystems.com
www.baesystems.com



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Questions