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U.S. ARMY



Holston Army Ammunition Plant

Community Meeting

03 FEB 2022

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Agenda

- Welcome, Introductions, Opening Comments
- Wounded Warrior Hunt
- Natural Gas Fired Steam Plant
- Open Burning Alternatives
- Waste Diversion
- PFAS
- Regulatory Inspections
- Upcoming Meetings
- Questions and Discussion





Introductions

U.S. Army

LTC Scott Carpenter

Commander

Holston Army Ammunition Plant

Daniel Reed

Environmental Protection Specialist

Holston Army Ammunition Plant

BAE Systems

Billy Shelton

Environmental Manager

Holston Army Ammunition Plant





Opening Comments

Thank you to our community partners for recent preparedness and planning activities and exercises

September 2021:

- Exercise conducted with City of Kingsport Police Department K-9 Units
- Coordination with Mt. Carmel on fireworks display for Fall Festival

October 2021:

- Coordination with Church Hill Police for use of qualification range
- Coordination with Kingsport Police for Emergency Vehicle Operations Course
- Coordination with Kingsport Police for Crash Investigation Course





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HSAAP Inaugural Wounded Warrior Hunt

25 Sept 2021

Hunts like this help veterans who may otherwise have difficulty navigating hunting blinds and tracking deer to participate. If you or someone you know has incurred injuries as a result of military service and would like to join the next event, please contact Holston AAP via our Facebook Page.



U.S. Army veteran Marlon Bounds



U.S. Navy veteran Chip Suchman





Natural Gas-fired Steam Facility

- 100% operational
- Full replacement for legacy coal-fired steam facility (which ran from 1943 – 2021)
- Notification given to TDEC for official cease of operations of coal facility on 3 Nov 2021
- Part of an on-going sustainability strategy to reduce air emissions and support expansion
- Uses Best Available Control Technology (BACT) in minimizing emissions
- A big step forward in progress towards Presidential Executive Order (EO 14057 - December 2021), “*Catalyzing Clean Energy Industries and Jobs Through Federal Sustainability*” addressing climate change.

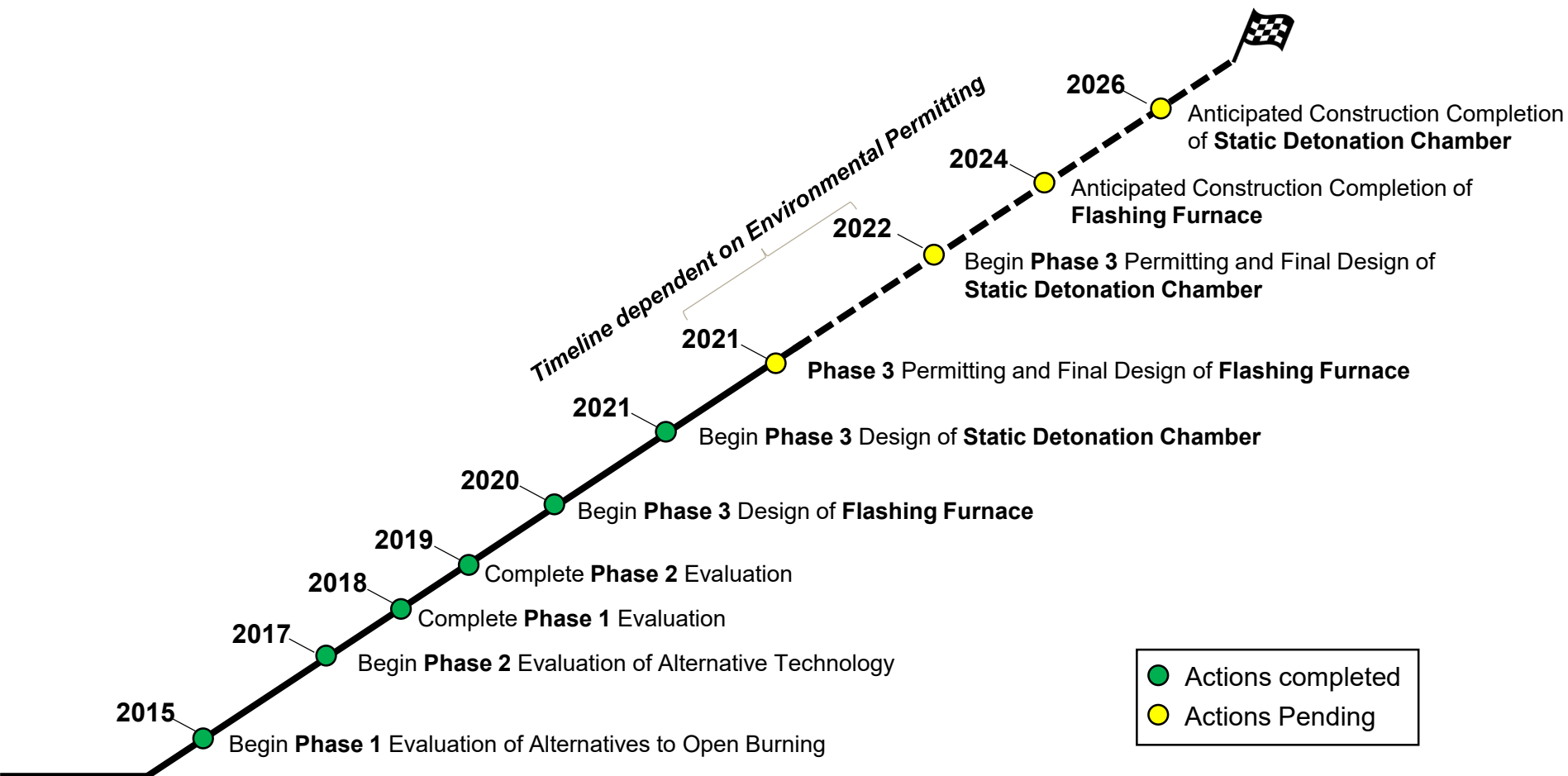




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Open Burning Alternative Technology Development

Deliberate, Planned, Phased Approach



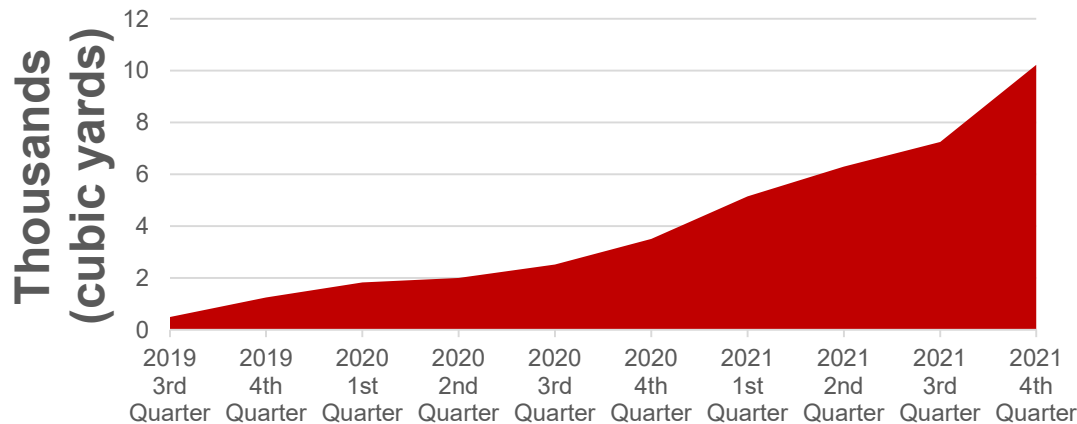
Permitting is a schedule driver





Metrics for Waste Reduction and Diversion

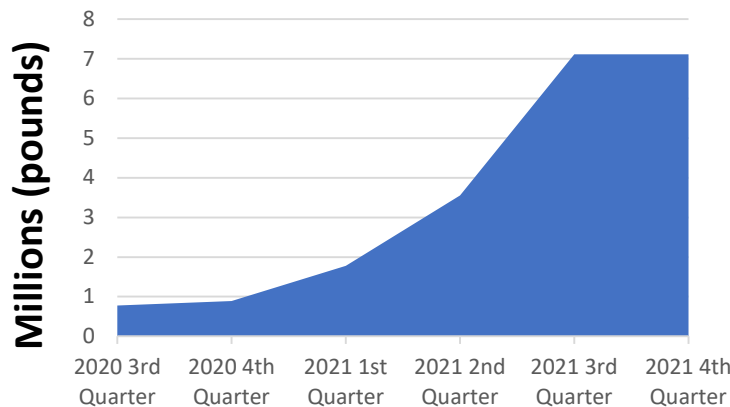
Production Waste Diverted



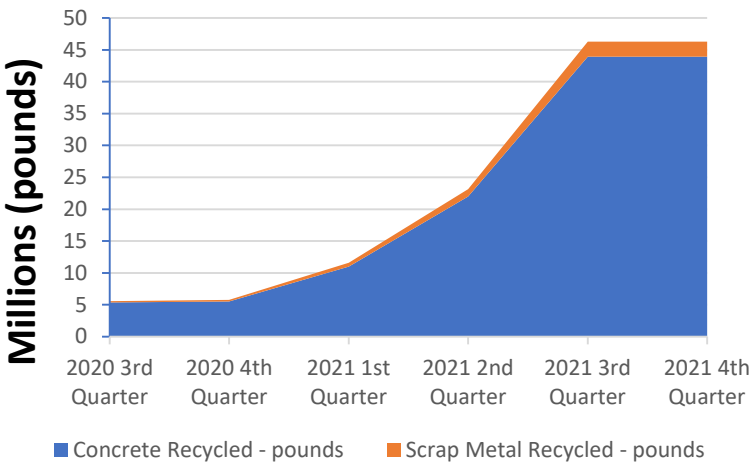
- **10,000+ Cubic Yards** of Production Waste
- **7,000,000 lbs** of Building Debris Diverted
- **45,000,000 lbs** of Concrete and Metal Recycled

Demolition Waste Diverted and Recycled

Building Debris Diverted (C&D Landfill)



Concrete & Metal Diverted and Recycled





PFAS Updates

PFAS: Per and Polyfluoroalkyl Substances

- **HSAAP does not use any of the 179 PFAS containing compounds of concern** released by the EPA. However, we will continue to monitor the EPA list of PFAS compounds of concern.
- The Army task force for PFAS inspections is requiring additional sampling before completion of the HSAAP assessment for a comprehensive evaluation.
- The task force has not informed HSAAP when the final report will be available.

Once finalized, the report will be available at local libraries and at www.denix.osd.mil/army-pfas/home/





Regulatory Inspections Summary - 2021

Date	Agency	Inspection	Outcome
May 28 – present (~2x month)	Tennessee Department of Environment and Conservation	Landfill Expansion Construction Inspections	No findings of noncompliance
August 26, 2021 October 26, 2021	Tennessee Department of Environment and Conservation	Quarterly CY2021 Class II Landfill Compliance Inspections	No findings of noncompliance
September 14, 2021	Tennessee Department of Environment and Conservation	Area-A NPDES Wastewater Compliance Inspections	No findings of noncompliance
Initiated: October 1, 2021	Tennessee Department of Environment and Conservation	Area-B NPDES Wastewater Compliance Inspection (ongoing)	TBD
December 15-16 2021	Tennessee Department of Environment and Conservation	Area-B Air Compliance Inspection (pending final report)	TBD

3rd party ISO 50001 (Energy) and ISO 14001 Environmental Management System (EMS) Surveillance Audits

Date	Registrar	Audit	Outcome
November 10, 2021	Lloyd's Registrar	ISO 50001 (Energy) Transition and Surveillance Audit	Recommended to transition to 2018 standards
November 17, 2021	NFS International	ISO 14001 (Environmental Management Systems) EMS Surveillance	Recommended for continued certification





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Opportunities for Community Engagement & Upcoming Permit Participation Events

Recently Held Event

Event/Permit Application	What	Why
Pre-Application meeting for the Flashing Furnace RCRA Permit (14 Oct 2021 – 5:30-7:00pm) – Included Notice of Intent to Comply with the Hazardous Waste Combustor Control Technology	Initial public notification that HSAAP will be pursuing an operating permit for the Flashing Furnace	Alternative technology with advanced air pollution control equipment that we want to use for explosives contaminated solid wastes and off specification explosives

Anticipated Future Events

Event/Permit Application	What	Why
HSAAP Community Meetings	These meetings are open to the public, and are an opportunity to learn about HSAAP Modernization and Environmental Projects	Commitment to strong relationship with the community
RCRA Subpart X Draft Permit by the Tennessee Department of Environment & Conservation	Renewal of existing open burning permit (in process) <u>to include the Flashing Furnace addition</u>	Safe thermal destruction of waste explosives, off-specification explosives, and contaminated solids wastes
Static Detonation Chamber Permit Meetings	Initial public notification that HSAAP will be pursuing an operating permit for the Static Detonation Chamber	Alternative technology with advanced air pollution control equipment for waste explosives

We are committed to keeping you up to date.

Please follow the Holston Army Ammunition Plant Facebook page for updates.





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 team.

Resources

Facebook: Like us at **Holston Army Ammunition Plant**

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

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Questions

