



Team Radford Commander's Public Meeting

12 MAY 2016

6:30-8:00 p.m.

Christiansburg Library

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Agenda



- 6:30 – 6:40: Welcome, Introductions, Guidelines
- 6:40 – 7:30: RFAAP Project Updates, Permits, Sampling, Recent Accomplishments, Community Involvement
- 7:30 – 8:00: Wrap Up, Questions, Action Items

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Introductions



US Army

LTC Alicia Masson

Commander, Radford Army
Ammunition Plant (RFAAP)

Rob Davie

Chief, Operations Team, US Army,
RFAAP

Justine Barati

Director of Public and Congressional
Affairs, Joint Munitions Command,
Army

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Jay Stewart

Environmental Manager, Radford

Bill Hendon

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

Christopher Finley

Communications Manager, Radford

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Participant Guidelines



In order to ensure that the time invested in these events is productive for all parties, the following guidelines will be adhered to by all participants:

- 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.

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Participant Guidelines



Failure to comply with these guidelines will result in the following course of action:

- 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.





Participant Guidelines



Recording Devices

- Under Virginia law 2.2-3707, attendees have the legal right to film a meeting held by a public body. However, attendees do not have the right to be disruptive during the proceedings. As such, the following rules will be observed when using recording devices.





Participant Guidelines



Recording Devices

- Notification of intent to record, photograph or film must be stated before the start of the meeting.
- The individual filming must sit or stand at the side or back of the room, in order to ensure minimal disruption or inconvenience to other participants.
- Using the recording for commercial purposes without explicit consent from the filmed party is strictly prohibited and subject to legal ramification.



Project Updates



New Natural Gas Fired Package Boilers



Cost



Schedule



Design & LL Equip
Const & Commission

Dec15 – Mar17
Dec15 – Mar17

Percent Design Complete			
Design	60%	Construction	0%
LLE	50%	Prove Out	0%

* Proposed Cost, proceeding under UCA

Project Description / Objectives :

- Provide natural gas fired package boiler facility to supply plant steam demands
- Facility to be operational by MACT compliance deadline 31st Jan17
- Execute design-build subcontract including complete commissioning of facility
- Install required Continuous Emissions Monitoring Systems
- Fully integrate package boiler facility into existing power house including utilization of existing turbines

Performance / Benefits:

- Six (6) gas-fired boilers

Contractor Name / Contract Type:

- Major Subcontractor: Rentech (Abilene, TX) - Boilers
- Major Subcontractor: Horiba (Moon Twp. PA) - CEMS
- Major Subcontractor: Fluor (Greenville, SC) – Design & Construction

Major Accomplishments:

- Comments on Shop drawings back to Rentech 15th Feb16
- UCA for Construction received 7th Mar16
- 30% Design Review with Gov. 29th Mar16
- All boiler drums received by Rentech 15th Apr16
- 60% Design Review with Gov. 2nd May16
- Preliminary PHA complete 6th May16

Planned Activities :

- SWPPP Approval 13th May16
- Begin site work 18th May16
- Issue contract to Atmos Energy Corp 27th May16
- 90% Design Review 28th Jun16
- Final PHA 29th Jun16

Issues:

- Schedule concern given delay in SWPPP approval

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Project Updates



Combined EWI/CWP Facility – Design Phase



Cost 

Schedule 

Contract Value: \$6.9M

22 months

Percent Schedule Complete

Design	0%	Construction	0%
LLE	0%	Prove-Out	0%

Project Description / Objectives:

- To design a fully modernized combined Energetic Waste Incinerator and Contaminated Waste Processor (EWI/CWP), allowing a centralized, air-pollution controlled facility to handle all energetic waste (EW) and energetic contaminated waste (ECW) generated at RFAAP

Performance / Benefits:

- Modernized facility capable of handling all material created/utilized at RFAAP
- Reduce the open burning ground requirement to less than \approx 5% utilization
- Meet 2020 MACT compliance for emissions
- Reliable facility infrastructure for continual operations

Contractor Name / Contract Type:

- BAE Systems / FFP
- Major Subcontractor: Project Integration

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Status / Major Accomplishments:

- Internal Kickoff: 26th April
- Project Integration Award: 28th April

Planned Activities (180-Day Look Ahead):

- Government Kickoff: 11th May
- Confirmation of Baseline Schedule and Program Plan: 8th June
- Design Down Select: 15th June
- Process Flow Diagram Development: 15th July
- Completion of Plant Resource Study: 15th Aug
- Critical Spares Identification: 25th Oct
- 30% Design Complete: 23rd Dec
- 90% Design Complete: 10th Aug 17

Issues:

- None at this time





Project Updates



Aerostat Sampling at OBG

- Led by a USEPA Research and Development Team from NC
- Team includes members from U of Dayton and NASA
- Final funding/logistics are arranged
- Testing to occur 19-30 Sep 2016 at RFAAP OBG



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Questions



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Permits



RFAAP Environmental Permits

Air - RFAAP is a Title V Major (for Hazardous Air Pollutants) Facility. In addition to the Title V Permit, there are five New Source Review Permits under which the facility operates. These permit requirements span all manufacturing operating areas of the plant – in addition to governing ancillary activities such as the Powerhouse, wastewater treatment, and maintenance functions.

– *Q&A period will follow completion of permits discussion.*

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Permits



RFAAP Environmental Permits

Water - activities include Waterworks Permit PWSID 1121643 to Operate the Drinking Water Plant Bldg. 419 and Membrane Filtration Drinking Water Plant in Montgomery County- Bldg. 474 by the Virginia Department of Health (VDH); Authorization to discharge (wastewater and storm water) under the Virginia Pollutant Discharge Elimination System and The Virginia State Water Control Law-Permit No. VA0000248 by the Virginia Department of Environmental Quality (DEQ);

Authorization to discharge under the General VPDES Permit for Discharges of Stormwater from Construction Activities for the new NC Facility Construction and Select Bldg. Demo by DEQ; Grandfathered Permit for Water Withdrawal from the New River by DEQ-annual report submitted on withdrawal.

– *Q&A period will follow completion of permits discussion.*





Permits



RFAAP Environmental Permits

Waste - activities include RCRA Permit for the Treatment of Hazardous Waste at the Explosive Waste Incinerator; RCRA Permit for the Treatment of Hazardous Waste at the Open Burning Ground; RCRA Permit for Groundwater and Soil Sampling at Old Hazardous Waste Sites; Site wide RCRA Permit for Managing Risk and Developing Cleanup Plans for Waste Sites. Any material being removed from the facility is tested to determine it's characteristics before it is disposed.

Waste determinations are use to direct the material to the appropriate waste disposal facility. The Radford Plant is a Large Quantity Generator of Hazardous Waste and is regulated by the Virginia DEQ. The facility has on-site landfills that are inspected quarterly and has a Corrective Action Permit for site remediation issued by the Virginia DEQ.

– *Q&A period will follow completion of permits discussion.*

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Questions



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Sampling



RFAAP Environmental Sampling Programs

Air – Radford has permits with requirements for Continuous Emissions Monitoring Systems: including Nitrocellulose Production (NO_x); Two Explosive Waste Incinerators (CO, O₂); Breakthrough Monitoring for Solvent Propellant Production (VOCs), and soon, SIX New Natural Gas-Fired Boilers (one each for NO_x). This is a total of TEN CEMS systems collecting permit data, which then needs to be analyzed to determine compliance with both the permits and the QA/QC requirements under 40 CFR 60.

– *Q&A period will follow completion of sampling discussion.*

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Sampling



RFAAP Environmental Sampling Programs

Water- Radford has two drinking water plants that must comply with Waterworks regulations regarding continuous monitoring of water flowing through both plants 419 and 474. An average of 660 samples are analyzed internally at both drinking water plants. A minimum of two samples are analyzed in our off-plant lab each month. Radford has 8 industrial outfalls that require continuous, weekly, and/or monthly monitoring and analysis requirements. Each month we analyze a minimum of 194 samples at these outfalls while maintaining continuous monitoring for pH, excursion time, flow, and temperature. There are additional quarterly, semi- annual, and annual sampling requirements at these outfalls as well as stormwater outfalls.

– *Q&A period will follow completion of sampling discussion.*

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Sampling



RFAAP Environmental Sampling Programs

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Questions



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Recent Accomplishments



Anniversary

Radford Army Ammunition Plant turns 75 years old!



Safety

- Team Radford has achieved 2.0 million hours and celebrated one year without a lost workday incident on April 1.
- Team Radford is trending at 0.99 recordable incident rate - the lowest in the company's history!



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RFAAP Community Involvement



- Supported **NRV CARES** Annual Auction to fund their programs including Court Appointed Special Advocates, Parenting Young Children courses, Circle of Parents support groups, Hugs and Kisses, and Stewards of Children.
- In honor of **National Military Appreciation Month**, Team Radford is creating 75 care packages for local troops deployed to hot, dry regions overseas.
- Supported two Fishing Rodeos for **Wounded Warriors** and **Intellectual Disabilities Agency of the New River Valley**.
- **Adopt-a-Highway** – Over 3 miles of roadside cleanup conducted on Belspring and Gate 10 Roads.



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Save-the-Date



Team Radford Commander's Public Meeting

18 AUGUST 2016

6:30-8:00 p.m.

Location TBD

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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 questions of our personnel.

Resources

https://www.facebook.com/Radford-Army-Ammunition-Plant-168050963267011/timeline/?ref=br_tf

Usarmy.Radford.peo-eis.list.rfaap-public-affairs@mail.mil

<http://www.rfaap.army.mil/Default.aspx>

www.radfordaapirp.org

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