



Restoration News

Iowa Army Ammunition Plant Quarterly Restoration Newsletter

Iron Bioreactor Treatability Study Update

The last few months Jacobs has been collaborating with Engineering Research & Development Center (ERDC) to evaluate the Iron Bioreactor treatment system from the south tributary at Line 1 to Brush Creek. Winter activities concluded with construction completion during January and February. Spring activities include a final backfill and site restoration planned for late April, and the Phase 1 drum-scale testing is planned for early May. Summer activities include a Phase 2 tank-scale treatability test that is planned for June. Stay tuned for more updates!



Winter construction included the weir installation



More Iron Bioreactor pictures on page 3



Website

Looking for other issues of *Restoration News*? You can find them at:

www.IAAPrestoration.com

RAB Meetings

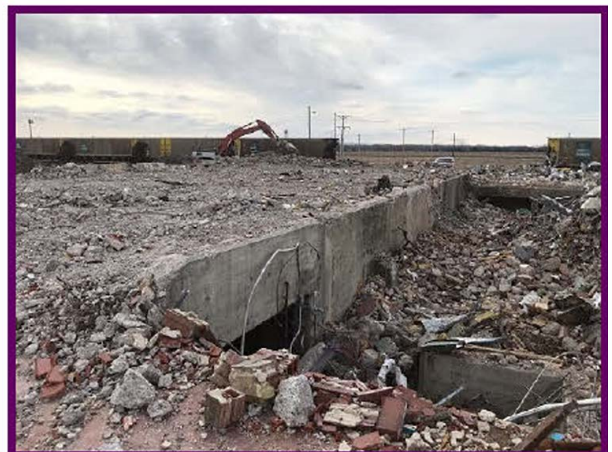
Upcoming Restoration Advisory Board (RAB) Meetings:

- July 21, 9-10:30 am
West Burlington City Hall
- October 20, 9-10:30 am
West Burlington City Hall
- January 12, 9-10:30 am
West Burlington City Hall

IAAAP Building Demolition Status

Building Demos to Date:	322	SQFT:	621,516
Phase	# of Facilities	Area (SQFT)	
PHASE 1 Complete	84	91,380	
PHASE 2 Complete	75	89,780	
PHASE 3 Complete	21	61,844	
PHASE 4 Complete	42	73,630	
PHASE 5 100% Complete	40	160,662	
PHASE 6 20% Complete	78	114,369	
PHASE 7 1% Complete	40	51,980	
PHASE 8 75% Complete	34	121,448	
Total Funded to Date:	424 Facilities	831,073 SQFT	
PHASE 9 Planning Phase (Line 3A)	52	253,081	
Total Scheduled:	476 Facilities	1,084,154 SQFT	
24.88 Acres			

Progress



Iron Bioreactor Pictures *continued from page 1*



Above: Phase 1 Drum-Scale Testing

Below: Phase 2 Bioreactor System

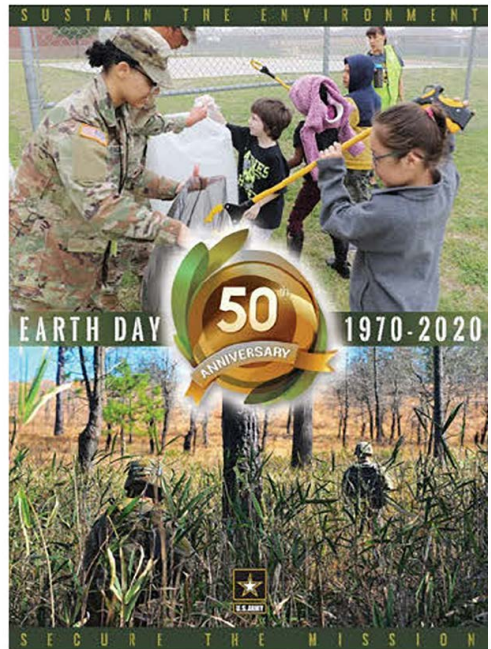


Did You Know?

The Earth Day 50th Anniversary is on Wednesday, April 22. Each year the Army joins the nation in celebrating Earth Day by highlighting environmental successes and helping people understand how sound environmental stewardship not only supports the quality of Soldier training, but also the quality of life of families that live on Army installations, Army Soldiers, civilians and contractors that work on Army installations, and neighboring communities (AEC, 2020).

To learn more about what the Army is doing for Earth Day 2020 visit:

<https://aec.army.mil/index.php/earth-day>



Commander's Corner

The IAAAP will be investigating for a new contaminate called PFAS. Per- and polyfluoroalkyl substances (PFAS) are a group of man-made chemicals that include Perfluorooctanoic acid (PFOA) and Perfluorooctanesulfonic acid (PFOS). These chemicals are typically found in products such as food packaging, Teflon, and waterproofing chemicals. In the military, they are most commonly found in Class B firefighting foam (i.e., aqueous film-forming foam [AFFF]) at airfields on military bases.

The United States Army Corps of Engineers, Baltimore District, contracted Arcadis U.S., Inc. to conduct preliminary assessments (PAs) for the U.S. Army Environmental Command on the current or potential historical use of PFAS at U.S. Army Installations nationwide. The focus of the Army's PA program for PFAS is to identify the locations at installations where AFFF was used and if a suspected release occurred at each location. This includes locations where AFFF was stored or used.

From this PA, three areas of potential interest (AOPIs) were identified at the IAAAP. This identification has warranted a Site Investigation (SI) at IAAAP. Before the SI can begin, the Environmental Protection Agency (EPA) has to approve a work plan known as a Uniform Federal Policy-Quality Assurance Project Plan (UFP-QAPP). Data gathered during the implementation of this plan will be used to evaluate whether or not there is PFAS contamination. If the SI indicates a release has occurred, either an expanded SI or Remedial Investigation (RI) will be conducted to refine the nature and extent of contamination.

As more information becomes available, it will be shared at the IAAAP Restoration Advisory Board (RAB) Meetings.



LTC Eric J. Schilling
Commander
Iowa Army Ammunition Plant

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Restoration News is an unofficial publication sent quarterly to inform the public of on-going and upcoming restoration events at the Iowa Army Ammunition Plant. Contents of *Restoration News* are unofficial and are not necessarily endorsed by the Joint Munitions and Lethality Life Cycle Management Command, the Department of the Army, the Department of Defense, or any other U.S. Government agency.

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