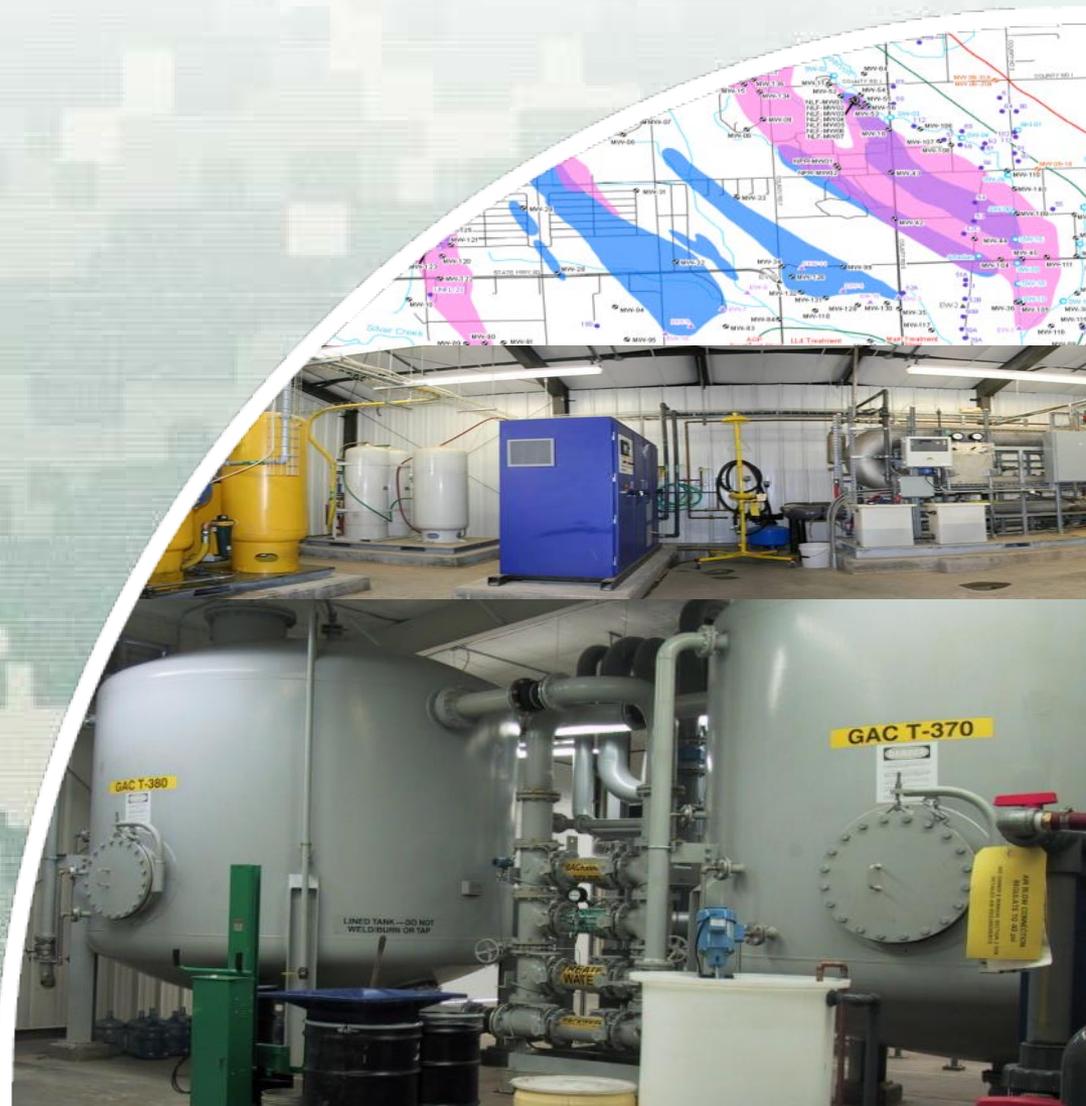


Former Nebraska Ordnance Plant Status of On-Going Work

US Army Corps of Engineers

April 17, 2013



New Extraction Well EW-17

- Proposed as a supplementary containment well for the Load Line 1 plume.
- Modeling predicted Load Line 1 TCE plume to migrate southeast of EW-13 at some time in the future.
- EW-17 was constructed to mitigate the predicted plume shift.
- EW-17 was installed northeast of the Load Line 1 Groundwater Treatment Plant in April 2013.
- EW-17 will operate at a flow rate of 275 gallons per minute.
- Groundwater from EW-17 will be treated through the Load Line 1 Groundwater Treatment Plant.



FEW-11 Pipeline Replacement

- The 2010 Energy Audit showed that FEW-11 accounts for 16% of the total energy used at the former Nebraska Ordnance Plant.
- New 10-inch pipeline from FEW-11 to a point on the existing 8-inch pipeline was installed to reduce pressure at the FEW-11 pump house and utility usage costs.
- Field work was completed in July/August 2012.
- Based upon utility usage comparison, a cost reduction of approximately 20% was achieved.



NEW FEW-11 Pipeline



Monitoring Well Network Optimization

- To optimize our RDX and TCE well network across the site, 36 monitoring wells were installed during November 2012.
- 47 monitoring wells which no longer contributed to the delineation of RDX and TCE plumes or provided relevant data were abandoned during November 2012.



Summary of Operable Unit 3

- Operable Unit 3 includes a former on-site landfill and former unidentified waste disposal areas not previously identified. Operable Unit 3 also includes vapor intrusion and surface water.
- Supplemental Remedial Investigation Report completed in January 2012.
- A Proposed Plan was submitted for public review with a recommendation of No Further Action for Operable Unit 3.
- Public Meeting conducted on November 14, 2012.
- A Record of Decision is scheduled to be finalized with the No Further Action recommendation in April/May 2013.

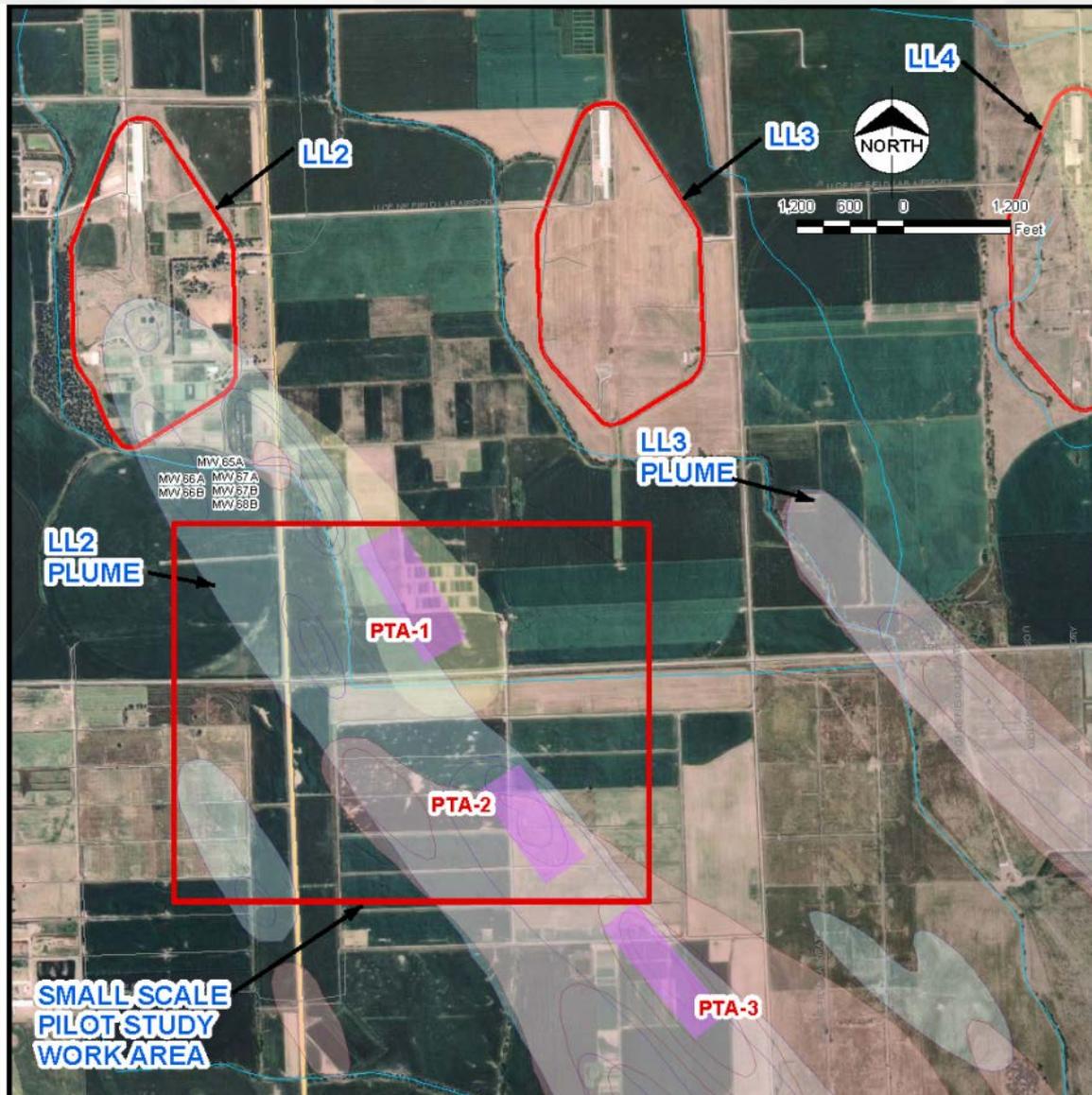


Pilot Study at Load Line 2 Plume

- **Preliminary Treatment Area-1 TCE Plume:** (Zero Valent Iron and Enhanced Bio-Reduction using sodium lactate).
 - Zero Valent Iron wall operational Nov 2012
 - Sodium lactate injections to continue until May 2013
 - Performance monitoring will continue during 2013
- **Preliminary Treatment Area-2 RDX Plume:** (Enhanced Bio-Reduction treatment using sodium acetate).
 - Sodium acetate injections conducted continuously from an automated treatment system trailer
 - Performance monitoring will continue during 2013



Preliminary Treatment Areas



Questions

WE THE PEOPLE
insure domestic Tranquillity, provide for the common
and our Posterity, do ordain
and establish this Con

