



DEFENSE LOGISTICS AGENCY

THE NATION'S COMBAT LOGISTICS SUPPORT AGENCY



Airport Hydrant Systems and Field Constructed Tanks

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WARFIGHTER FIRST

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Agenda



- Background
 - DLA
 - Leak Detection
 - Operator Training
- Collaborative Process
- Implementation of Revised Underground Storage Tank (UST) Rule
 - Applicability Study
- Challenges
- What We Learned
- Conclusion



Background



- DLA and the Services (Air Force, Army, Navy, Marines)
- Leak Detection Program
 - Established in 2006
 - Encompasses over 260 Installations/Bases
 - Bulk storage tanks; transfer and distribution piping; hydrant systems; military service stations; and ground fuel facilities.
- UST Operator Training
 - Established in 2010
 - Encompasses 58 Installations operated by DLA Energy contractors
 - Services provide training for remaining sites





Collaborative Process

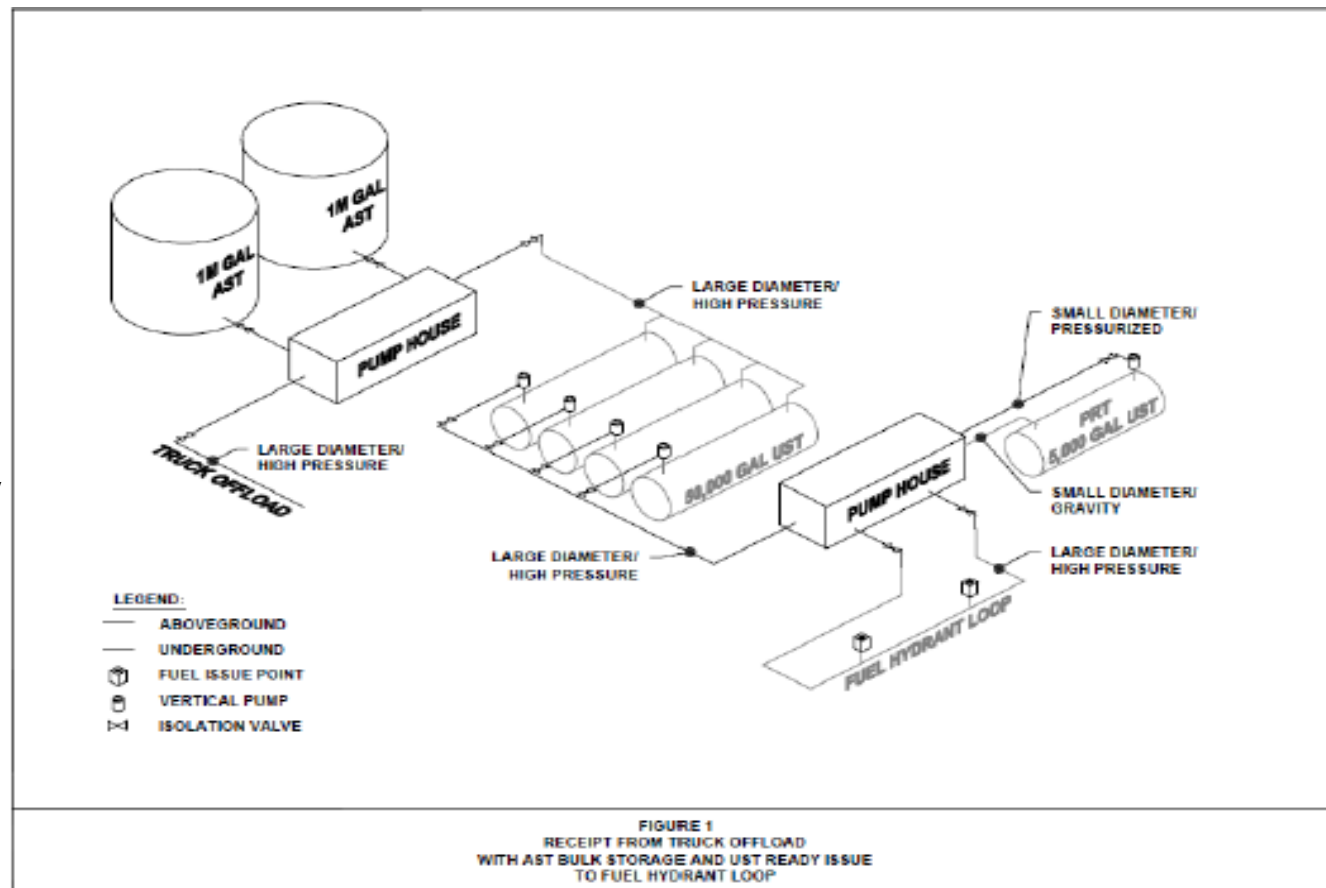


- DoD and EPA collaboration and information exchange
 - Technical Compendium: Airport Hydrant Systems related to DOD Facilities
<https://www.epa.gov/ust/underground-storage-tank-ust-technical-compendium-about-2015-ust-regulations#ahs>

**Aboveground Capacity:
2 Million Gallons**

**Underground (UG) Capacity:
50,000 x 4 = 200,000 gallons
5,000 gallon UG PRT tank
100,000 UG piping capacity
305,000 Gallons Total UG capacity**

**10% capacity is underground,
therefore system is regulated
under 40 CFR 280**





Implementation of Revised UST Rule



- Conducted Regulatory Applicability Study
 - 216 Sites (multiple fuel systems) over 3-Year Period
 - 323 Systems Reviewed
 - 26 Regulated by UST Rule
- Owners/Operators Make One Time Notification
 - If unchanged status; verify notification
- UST Operator Training



Challenges



- Implementing UST Calculation
- Increased Resources
 - Manpower (Inspections, Training, Recordkeeping)
- Increased Testing Frequency
 - Coordination with Mission
- Repair of FCTs and Appropriate Post Repair Testing
 - <https://www.epa.gov/ust/underground-storage-tank-ust-technical-compendium-about-2015-ust-regulations>



What We Learned



- Additional Training
- Fewer Systems/Pipeline Sections
- Availability of Testing and Repair Contractors
 - Sump/Secondary Containment



Conclusion



- Less Impact on DLA Sites
- Overseas Environmental Baseline Guidance Document
 - Incorporating 40 CFR 280
- Continue Collaboration with Regulators
- Continue Leak Detection Program
 - Continual Facility Support

