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Corps of Engineers
St. Louis District



Gateway to Excellence

IOWA Army Ammunition Plant RESTORATION ADVISORY BOARD

FUSRAP Update

22 April 2008



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FUSRAP Progress Report



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- **Draft Remedial Investigation Report Under Review by Regulators**

- **Draft RI Report published February 8, 2008**
- **RI Report covers:**
 - **Firing Sites Area**
 - **Yard C**
 - **Yard G**
 - **Yard L**
 - **Yard E (portion)**
 - **Yard F (portion)**
 - **Warehouse 3-01**
 - **Area west of Line 5B**



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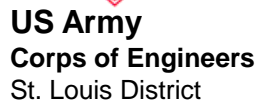
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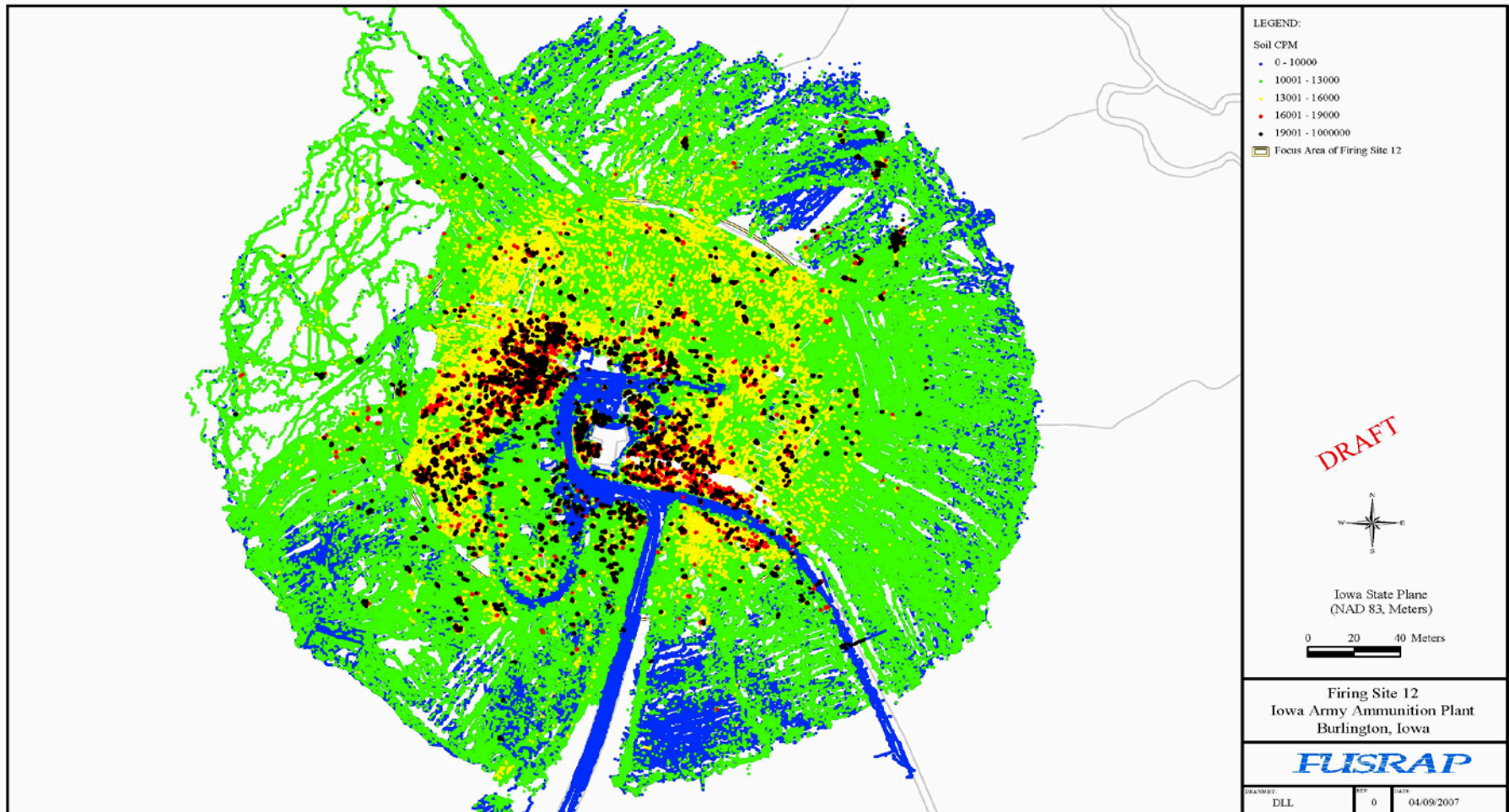
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Remedial Investigation Preliminary Findings

- Yard L – Sampling complete; no further action planned.
- Yard G – Sampling complete; no further action planned.
- Yard C – Sampling complete; no further action planned.
- Warehouse 301 - Survey complete; no further action planned.
- Yard E (portion) -- Sampling complete; no further action planned.
- Yard F (portion) -- Sampling complete; no further action planned.
- Area West of Line 5b - Sampling complete; no further action planned.
- Firing Site 1 & 2 – Radiological contamination identified adjacent to the road; further evaluation required.
- Firing Site 3, 4, & 5 – Radiological contamination identified adjacent to the loading dock at FS-5; further evaluation required.
- Firing Site 6, 7, & 8 – Radiological, explosive, and metals contamination identified; further evaluation required.
- Firing Site 12 – Radiological contamination identified; further evaluation required.



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IAAAP Firing Site 12 Gamma Walkover Survey

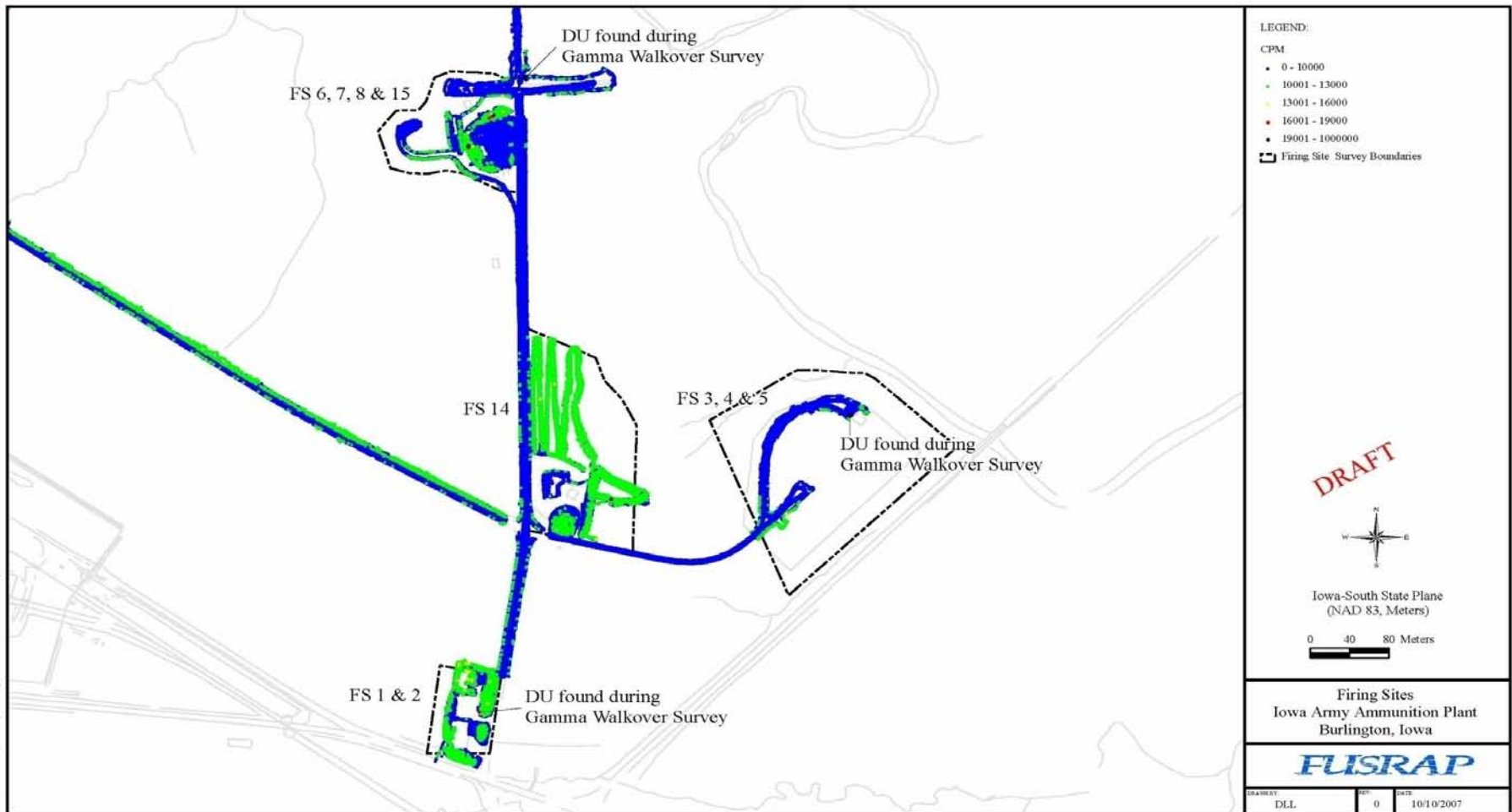


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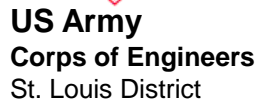
Isolated DU Locations at Firing Sites



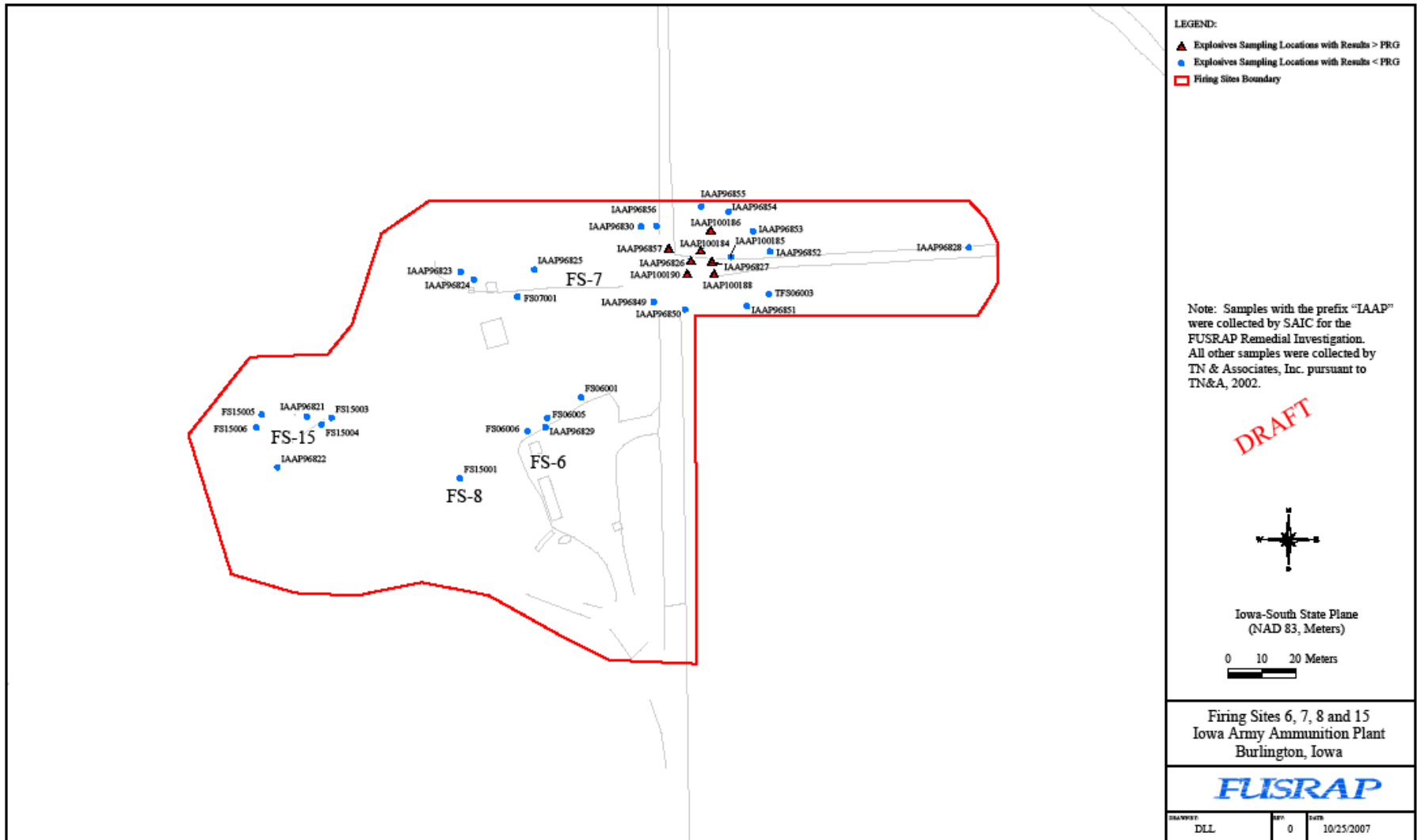
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IAAAP Firing Sites 1-6 Gamma Walkover Survey



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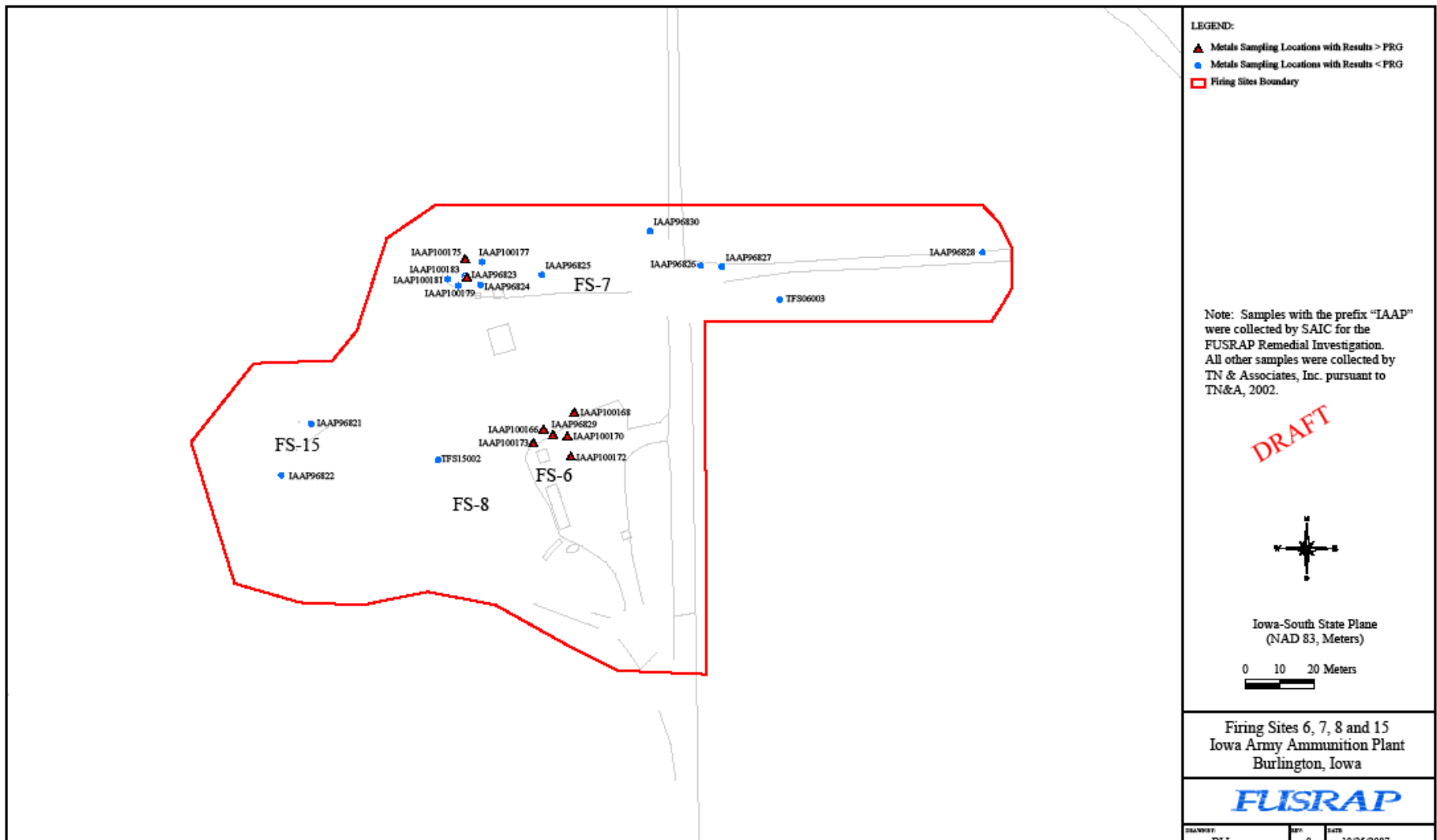


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Metals Constituents at FS-6 Area



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RI Preliminary Summary



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- **No DU found at:**
 - Yard C
 - Yard G
 - Yard L
 - Yard E (portion)
 - Yard F (portion)
 - Area west of Line 5b
 - Warehouse 3-01
- **Isolated DU pieces found in soil at:**
 - FS 1 & 2
 - FS-5
 - FS-6 Area
- **Widespread DU pieces found in soil at:**
 - FS-12
- **Chemical constituents (metals and explosives) at levels above PRGs were found in soils at:**
 - FS-6 Area (FS-6, 7, 8)



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Line 1 and WBP (South)



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- Remedial design underway
 - Line 1: No DU in soil. Found metals, explosives, SVOCs and PCBs at levels greater than ROD RGs.
 - WBP (South): No DU in soil. Found metals and explosives at levels greater than ROD RGs.

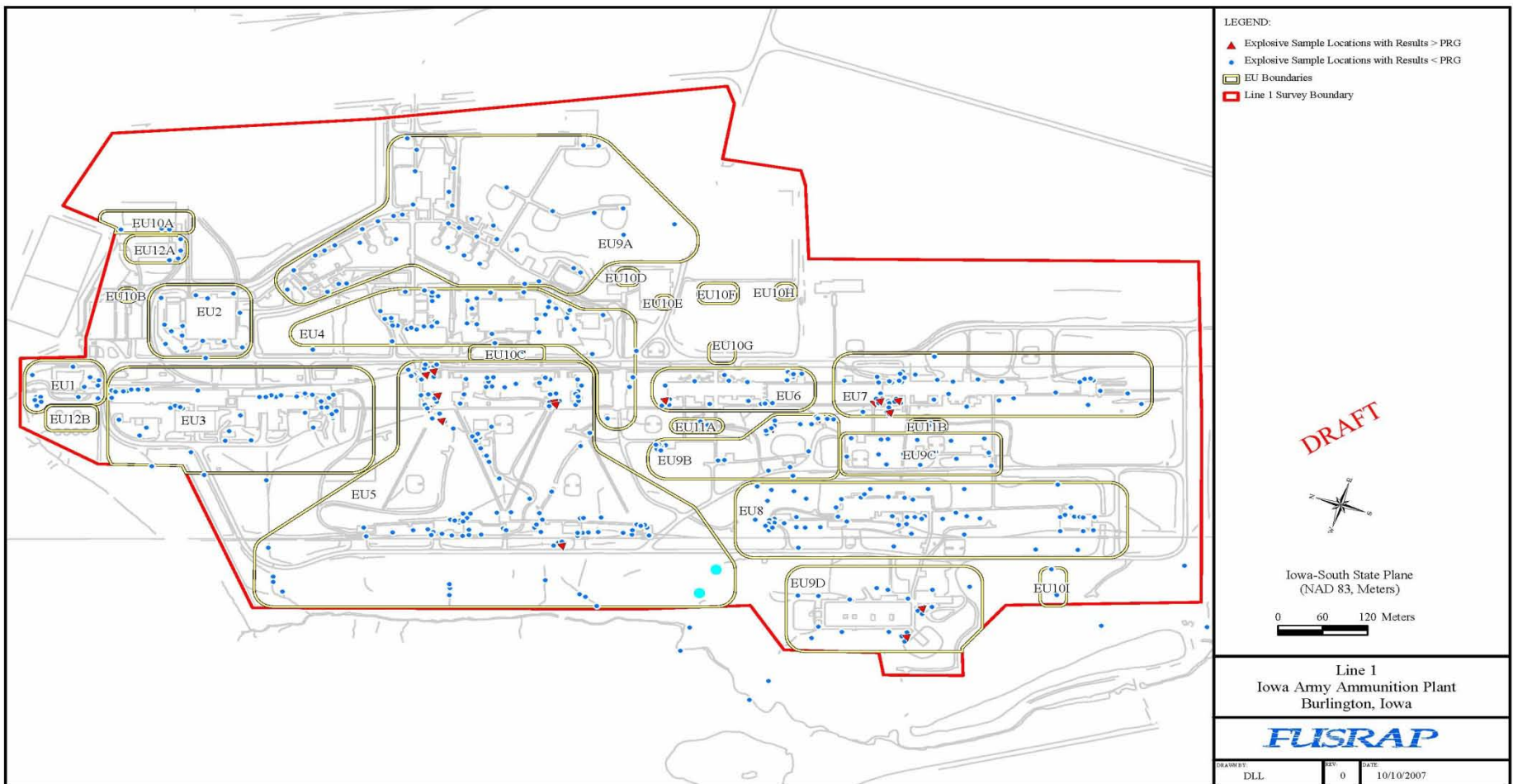


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Line 1 Explosives



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IAAAP Line 1 Explosive Sample Locations

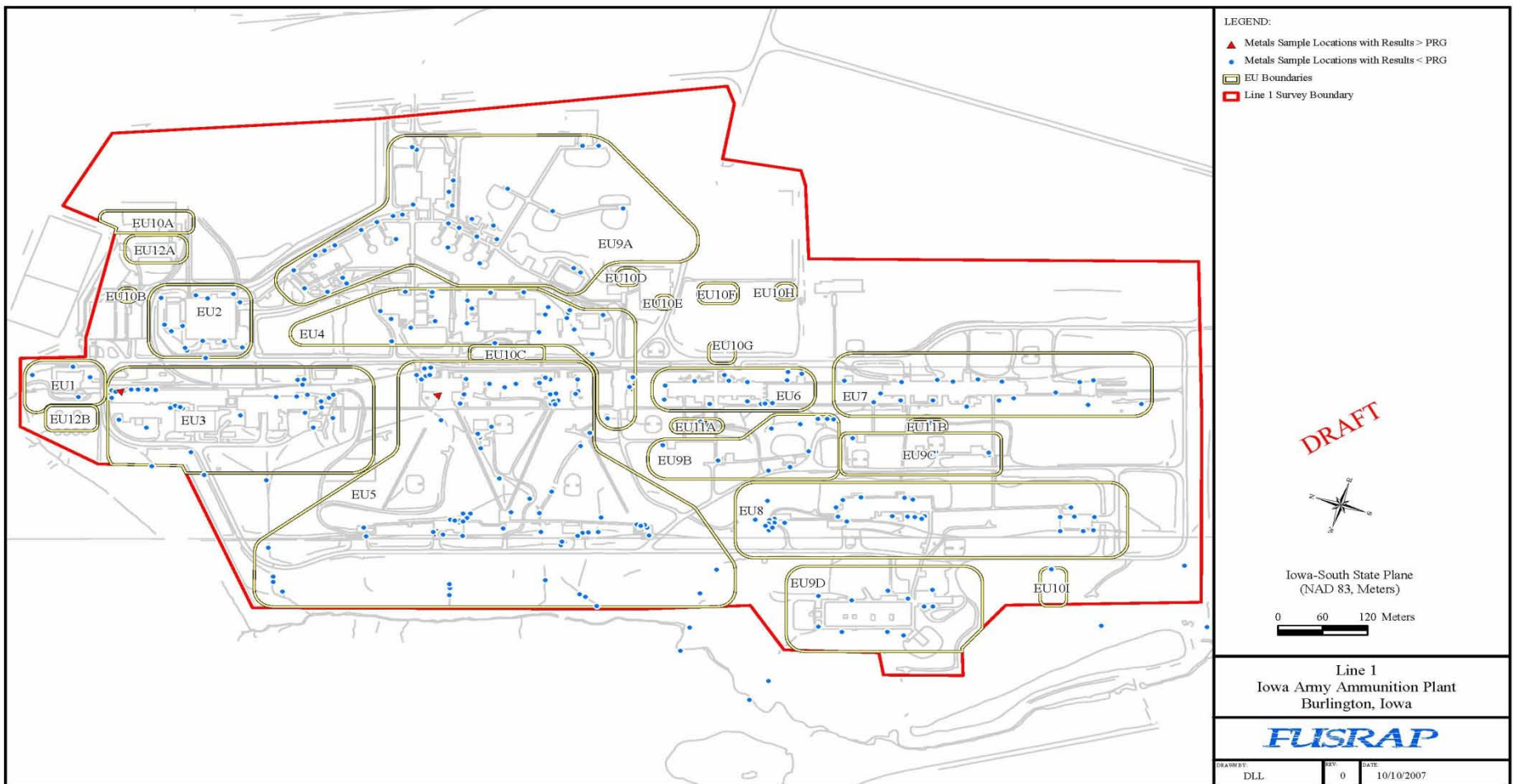


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Line 1 Metals



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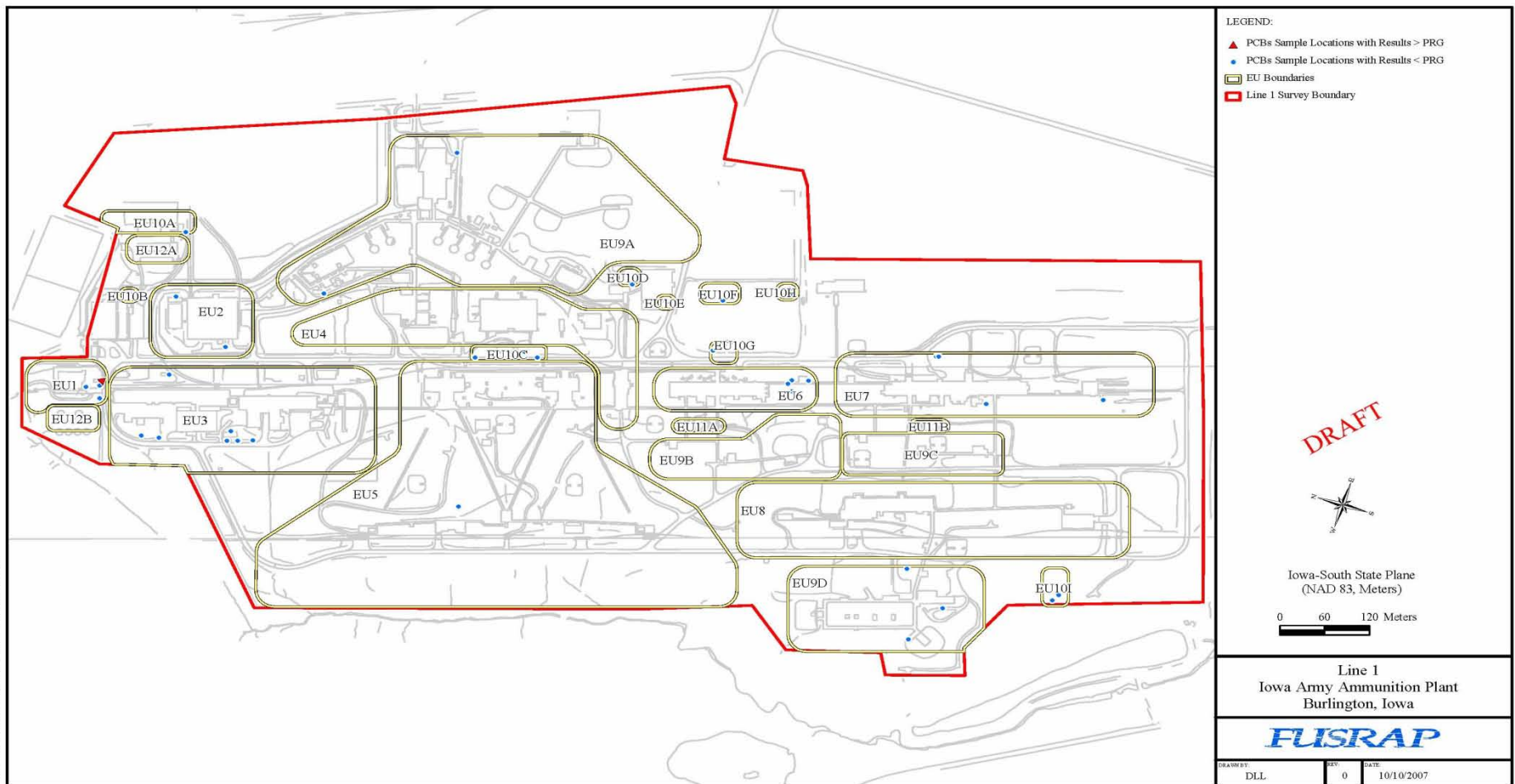


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Line 1 PCBs



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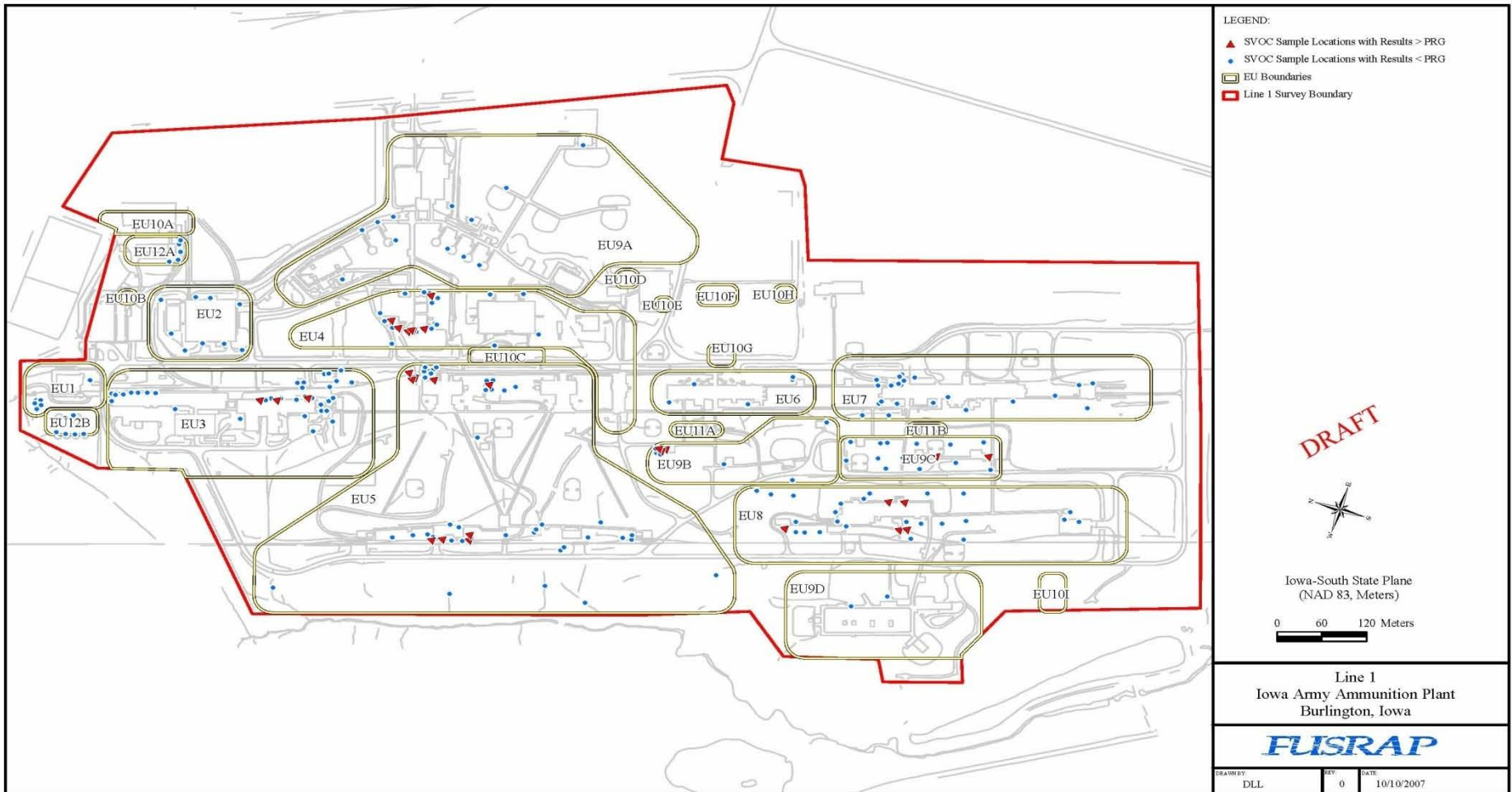


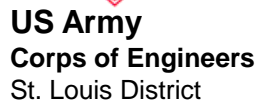
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Line 1 SVOCs

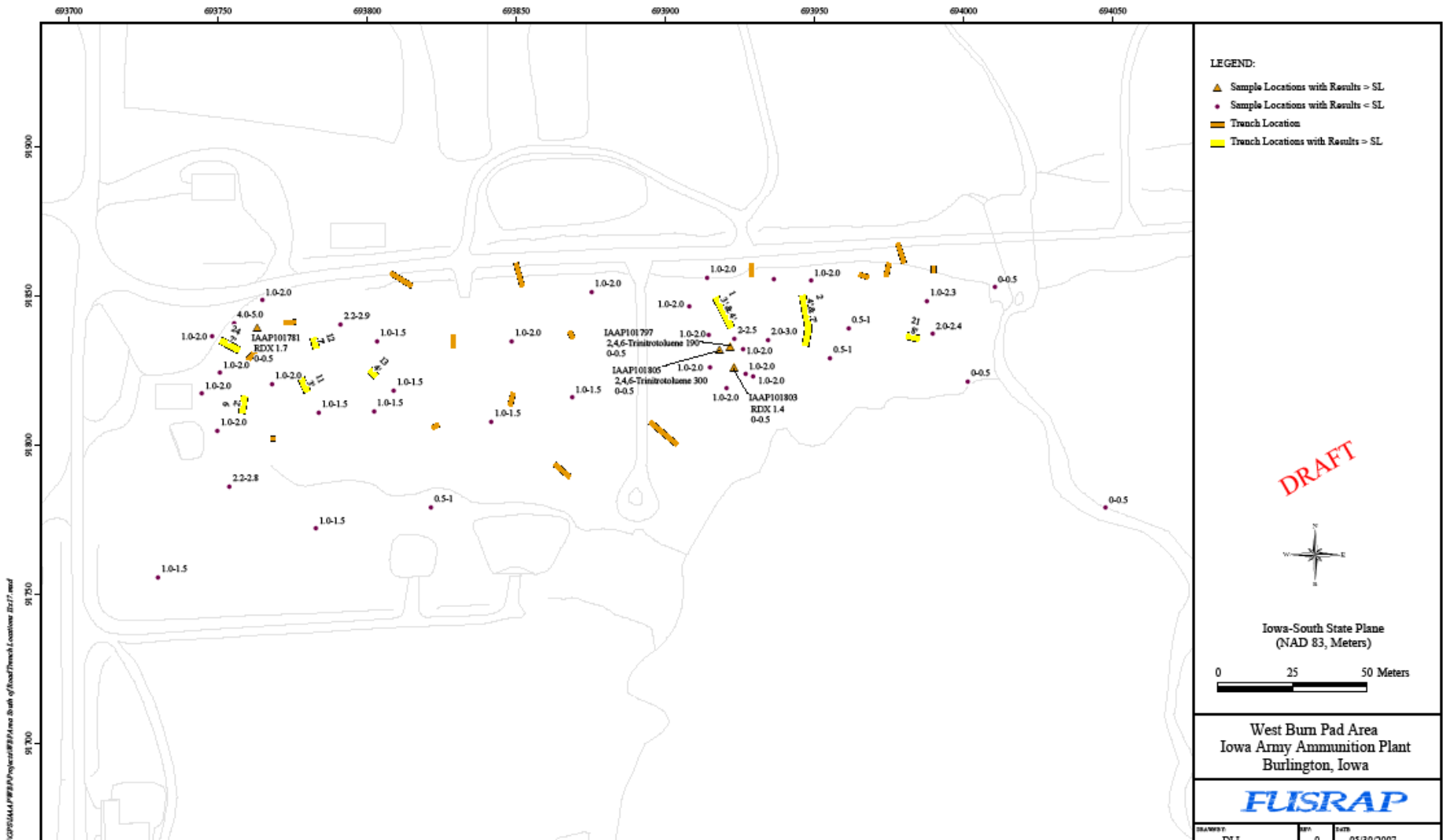


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FUSRAP Progress Report



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Work Planned for Next Three Months

- Receive/resolve regulator comments on Draft RI Report.
- Submit Draft Remedial Design for regulator review



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Questions



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Questions? Questions? Questions?

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