

DUGWAY PROVING GROUND, UTAH

**Restoration Advisory Board/
Technical Review Committee
UPDATE**

RCRA FACILITY INVESTIGATION

12 February 2001

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Parsons Engineering Science**

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Technical Review Committee - RFI SITES

UPDATE OF RFI

- Groundwater Investigation at Priority 1A SWMUs will be completed by April
- Phase II RFI Field Work Ongoing for Priority 2A/3A SWMUs completed by July



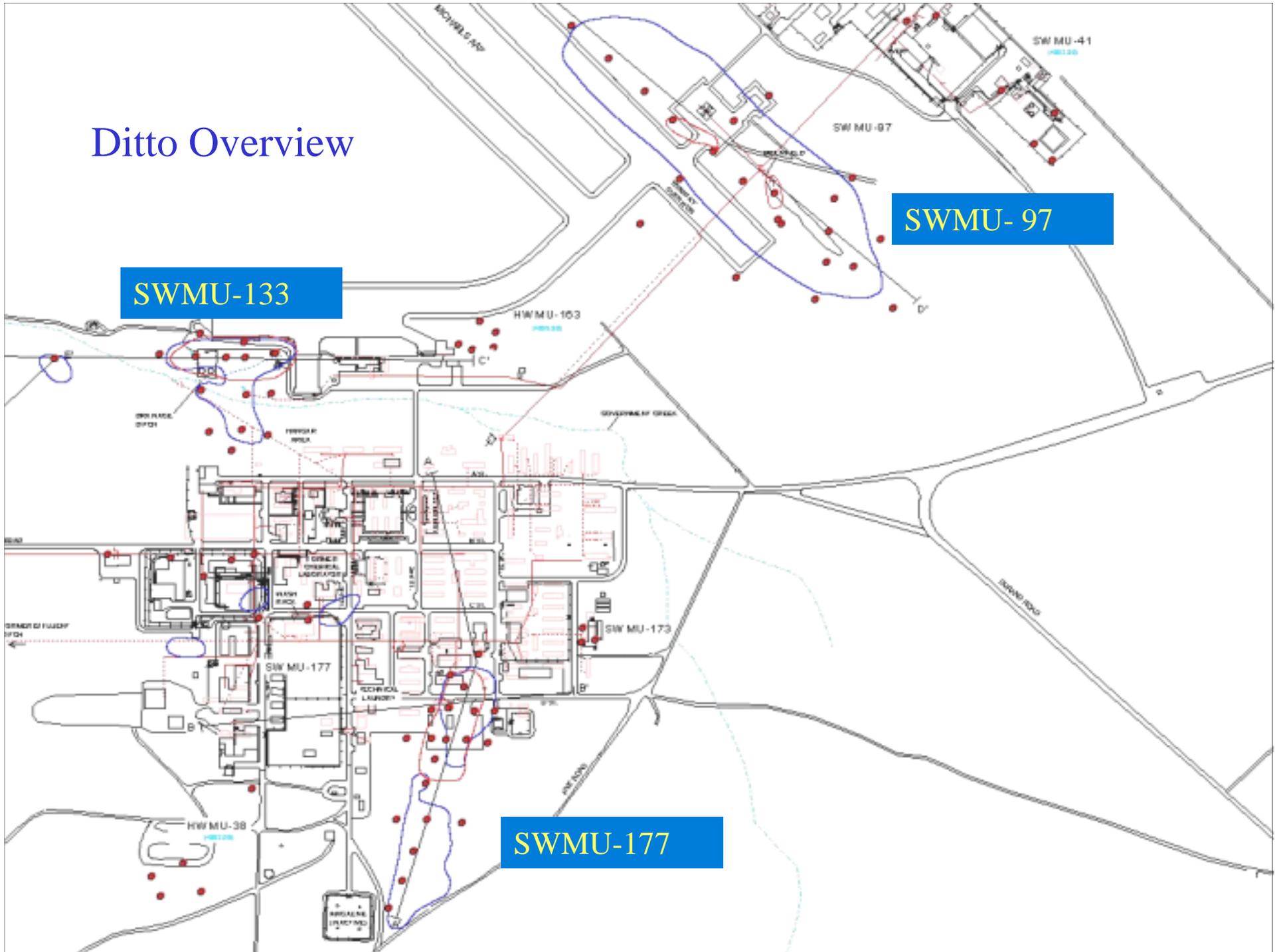
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GROUNDWATER INVESTIGATION

- Chlorinated Solvent Results from Ditto SWMUs
 - SWMU-97
 - 25 wells
 - SWMU-133
 - 14 wells



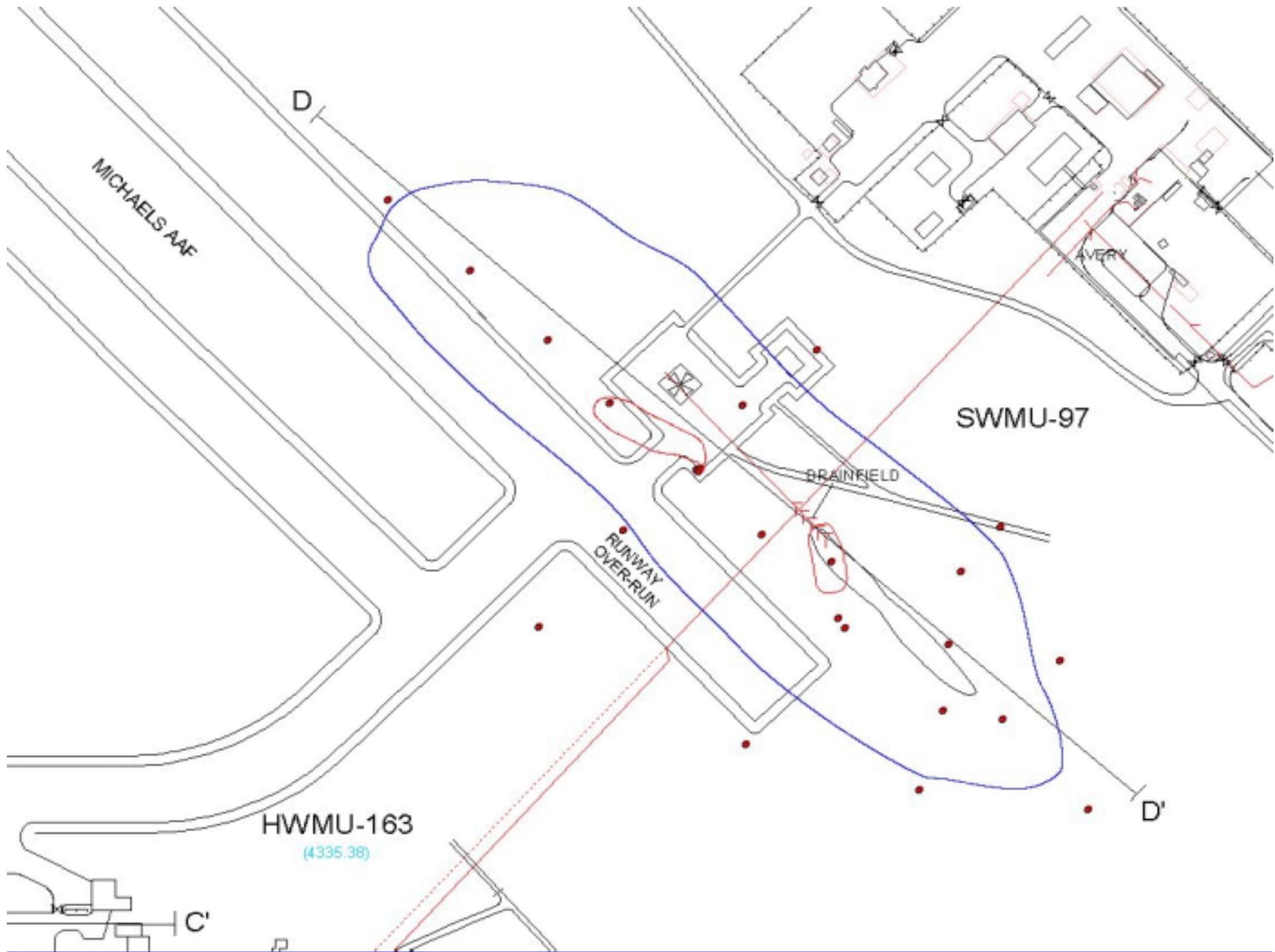
Ditto Overview

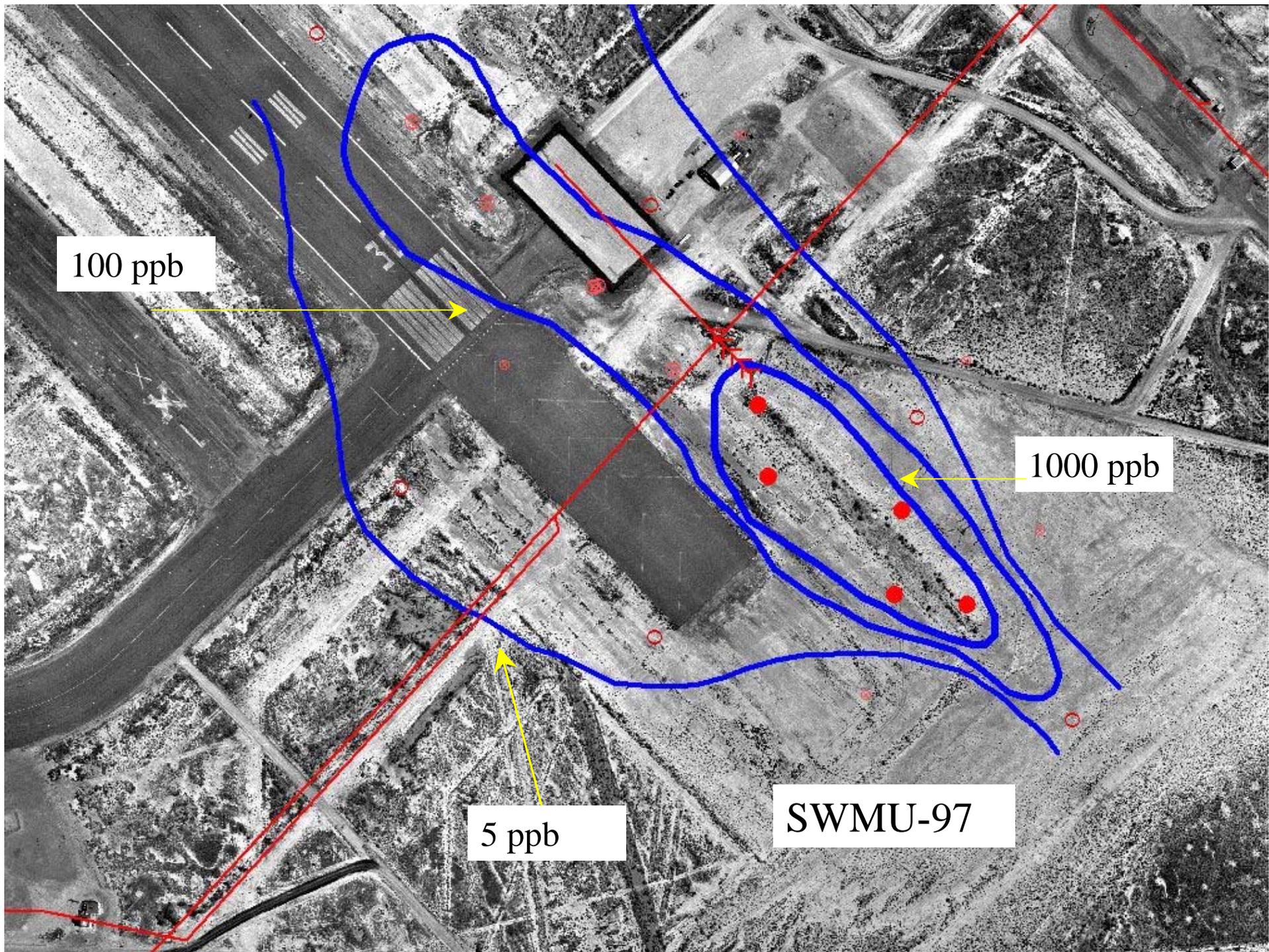


SWMU-133

SWMU-97

SWMU-177





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GROUNDWATER SUMMARY

- SWMU-97
 - Trichloroethene (TCE) is the main contaminant
 - Concentrations exceed drinking water standards ~ 5 mg/L
 - Average TDS values 42,000 mg/L
Class V - Saline

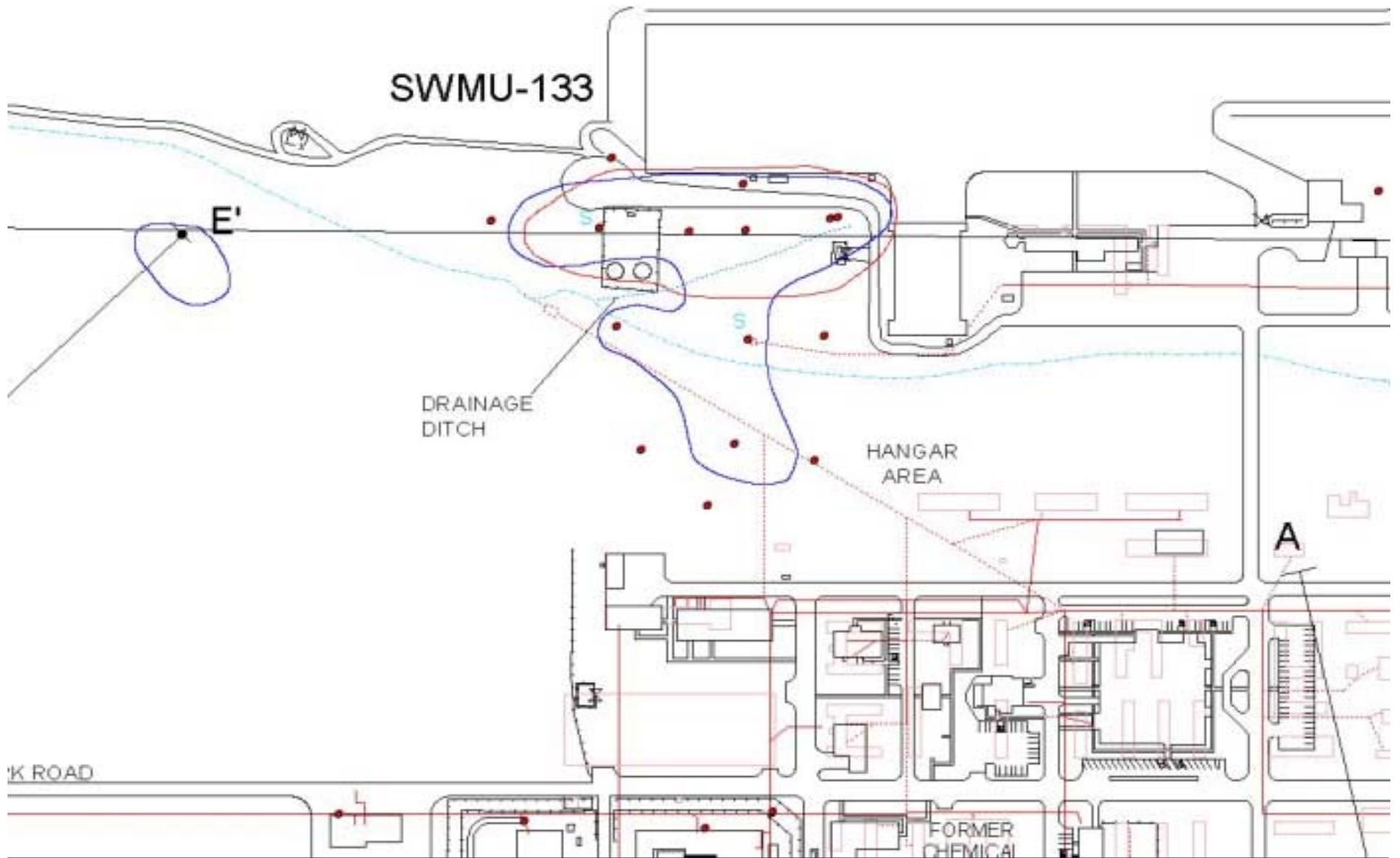
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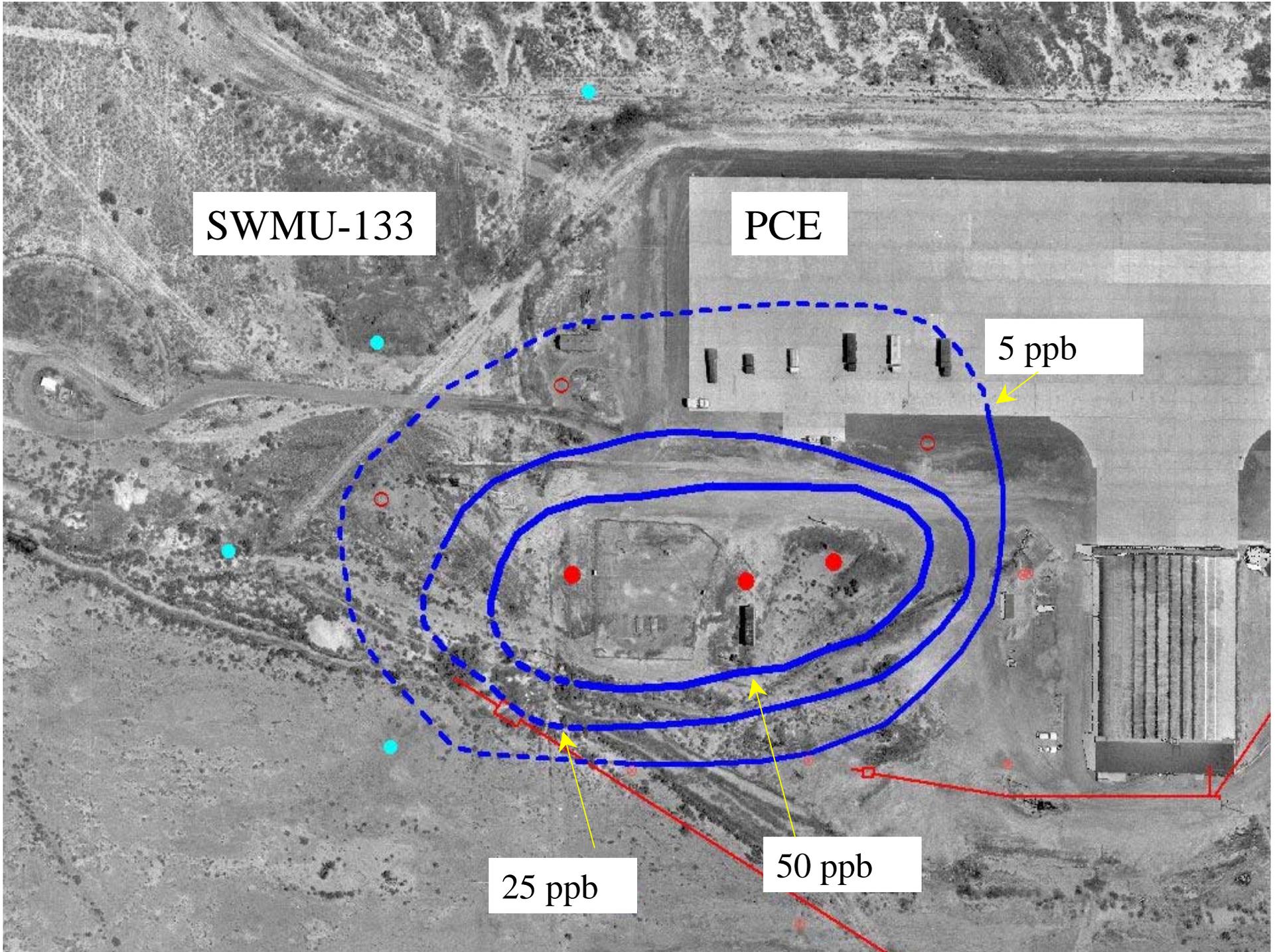












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GROUNDWATER SUMMARY

- SWMU-133
 - Tetrachloroethene (PCE) is the main contaminant
 - Concentrations exceed drinking water standards ~ 5 mg/L
 - Average TDS values 26,400 mg/L
Class V - Saline

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**Phase II RFI at 2A/3A SWMUs
Work Completed Since last RAB**

- Field Investigations at 18 SWMUs
 - Soil Gas - 49 locations
 - Hydropunch - 123 locations
 - Surface Soil Samples - 66 samples
 - Soil Borings - 14 borings
 - Microwells - 8 wells

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Phase II RFI - Future Work Work to be Completed

- Field Investigations
 - Surface Soil Samples ~ 70 samples
 - Soil Borings ~ 30 borings
 - Groundwater Sampling ~ 35 wells
 - Test Pits ~ 36 locations



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Phase II RFI - Future Work Work to be Completed

- Reports
 - Risk Assumptions Document
 - Background Inorganic Documents
 - Phase II RFI Report
 - Corrective Measures Study



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RFI Issues to be Resolved

- Resolve Background Inorganic Soil and Groundwater Concentrations
- Resolve Risk Assessment Methods

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