



Restoration Advisory Board Presentation

OU 10

September 11, 2006

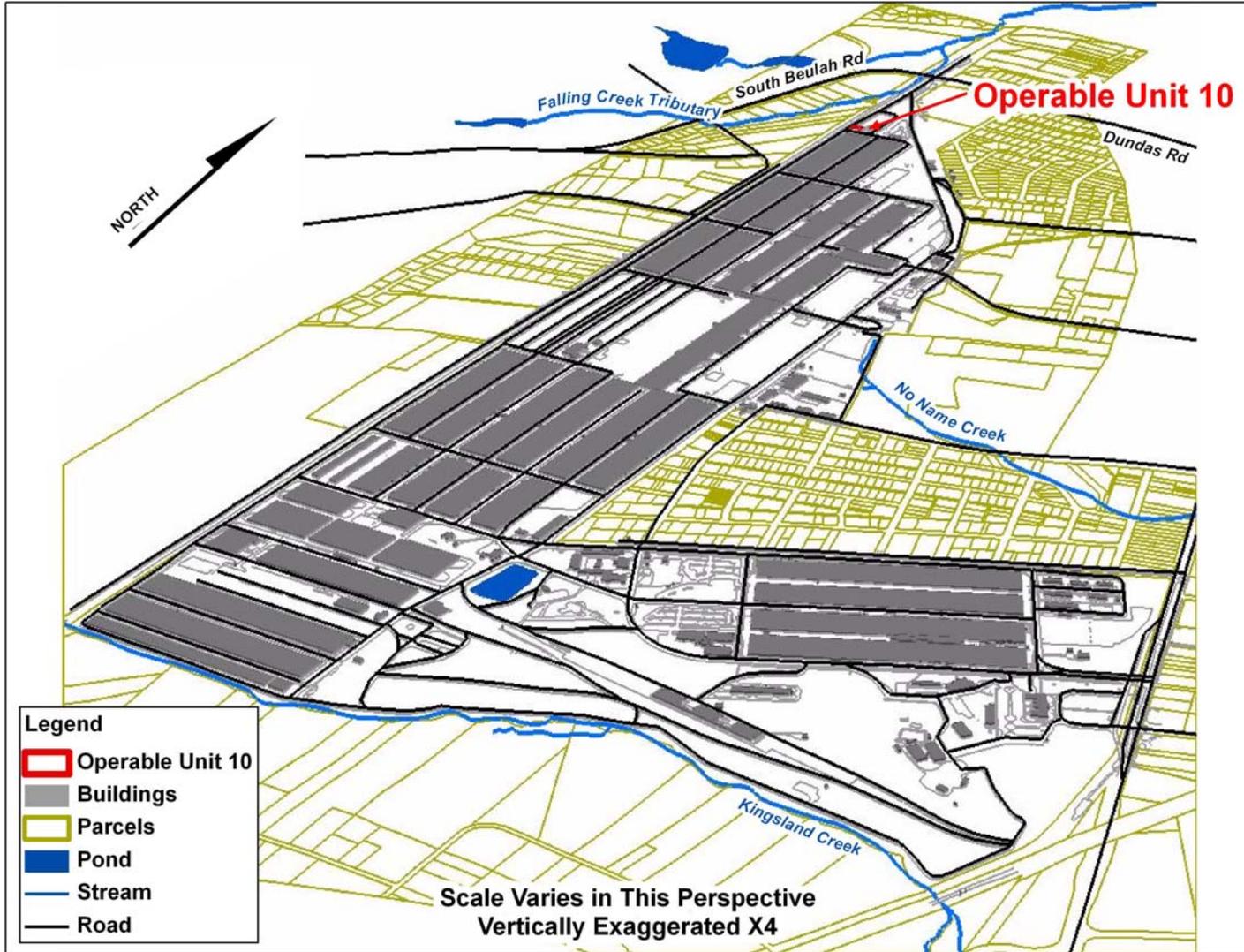


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Operable Unit 10 Site Map

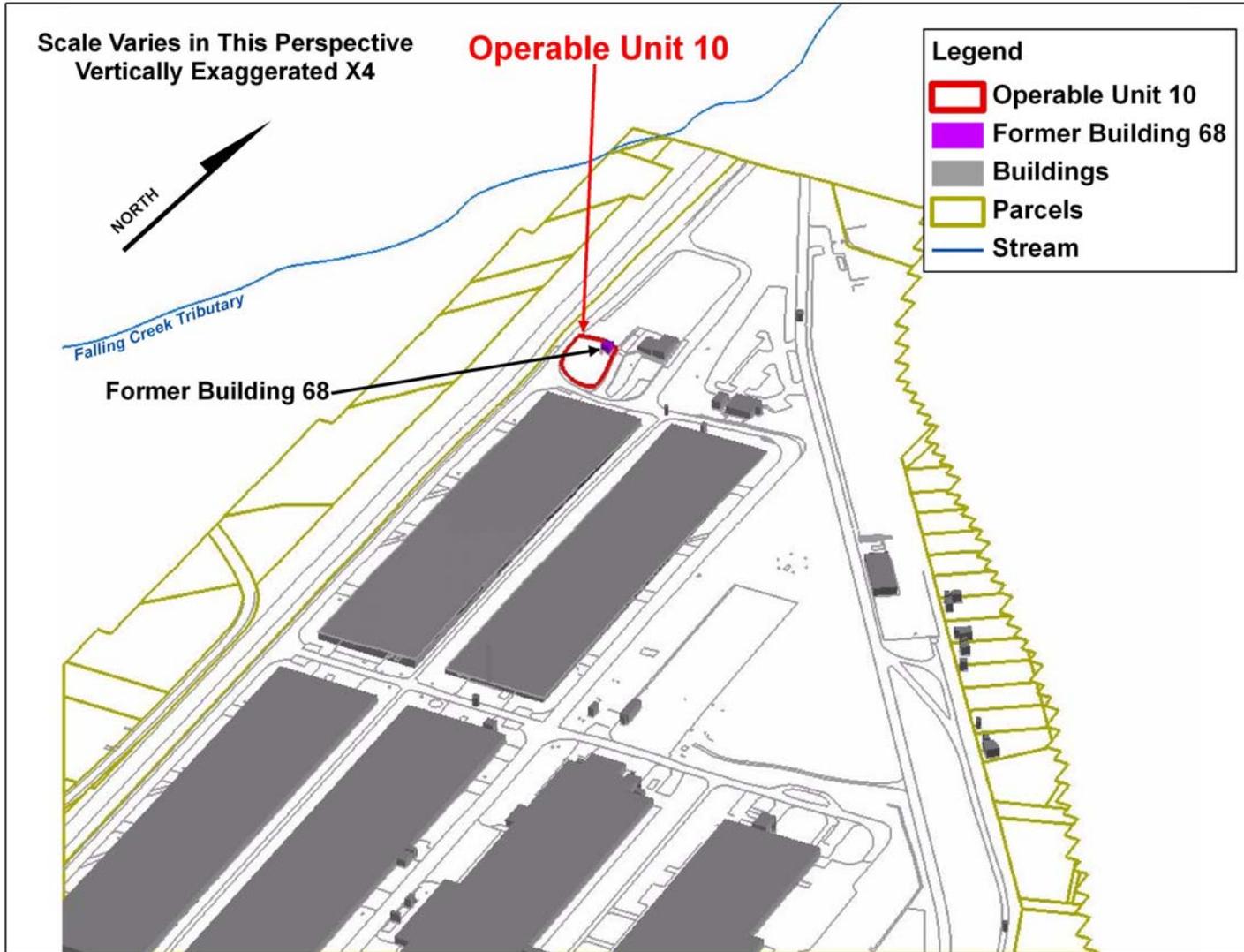
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Operable Unit 10

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OU 10 View



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View of OU 10 looking North



Document Submittals and EPA Response

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- **Draft Final Focused Feasibility Study (FS), 2000**
- **Draft Final Proposed Plan, 2001**
- **Draft Final ROD, 2001**
- **EPA comments focused on:**
 - **Soil migration to the storm sewer and to Falling Creek Tributary**



To Address Agency Comments

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- **Storm sewer cleaning and repair, 2005**
- **Creeks Human Health Baseline Risk Assessment (HHBRA), 2006**
- **Three-Year Creeks Monitoring Program conducted.**
- **OU 10 HHBRA Revised, 2006**
- **Addendum to Focused FS, 2006**



Revised Risk Assessment, 2006

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Exposure Scenario Summary

- **Receptors included:**
 - **Current and future industrial workers**
 - **Future construction workers**
- **Noncarcinogenic Risk: \leq EPA threshold value or hazard index (HI) of 1**
- **Carcinogenic Risk : within EPA acceptable range**
- **Groundwater constituents $<$ Virginia Maximum Contaminant Levels (MCLs) for drinking water**



Addendum to the Focused FS Remedial Alternatives Evaluated

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- **Alternative 1: No Action**
- **Alternative 2: Institutional Controls**
 - **Deed restriction for residential property use**
 - **Deed restriction for potable groundwater use on the installation**
 - **Regulatory agency notification of major land use changes at OU 10**
 - **Annual reviews, preconstruction assessments, cover maintenance, and 5 year statutory reviews**



Summary

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- **Alternative 2, Institutional Controls are recommended for soils**
- **Institutional controls include maintenance of cover, annual inspections, and 5 year regulatory reviews**
- **Groundwater is not a media of concern**