

Eastland Woolen Mill Superfund Site Partial Deletion



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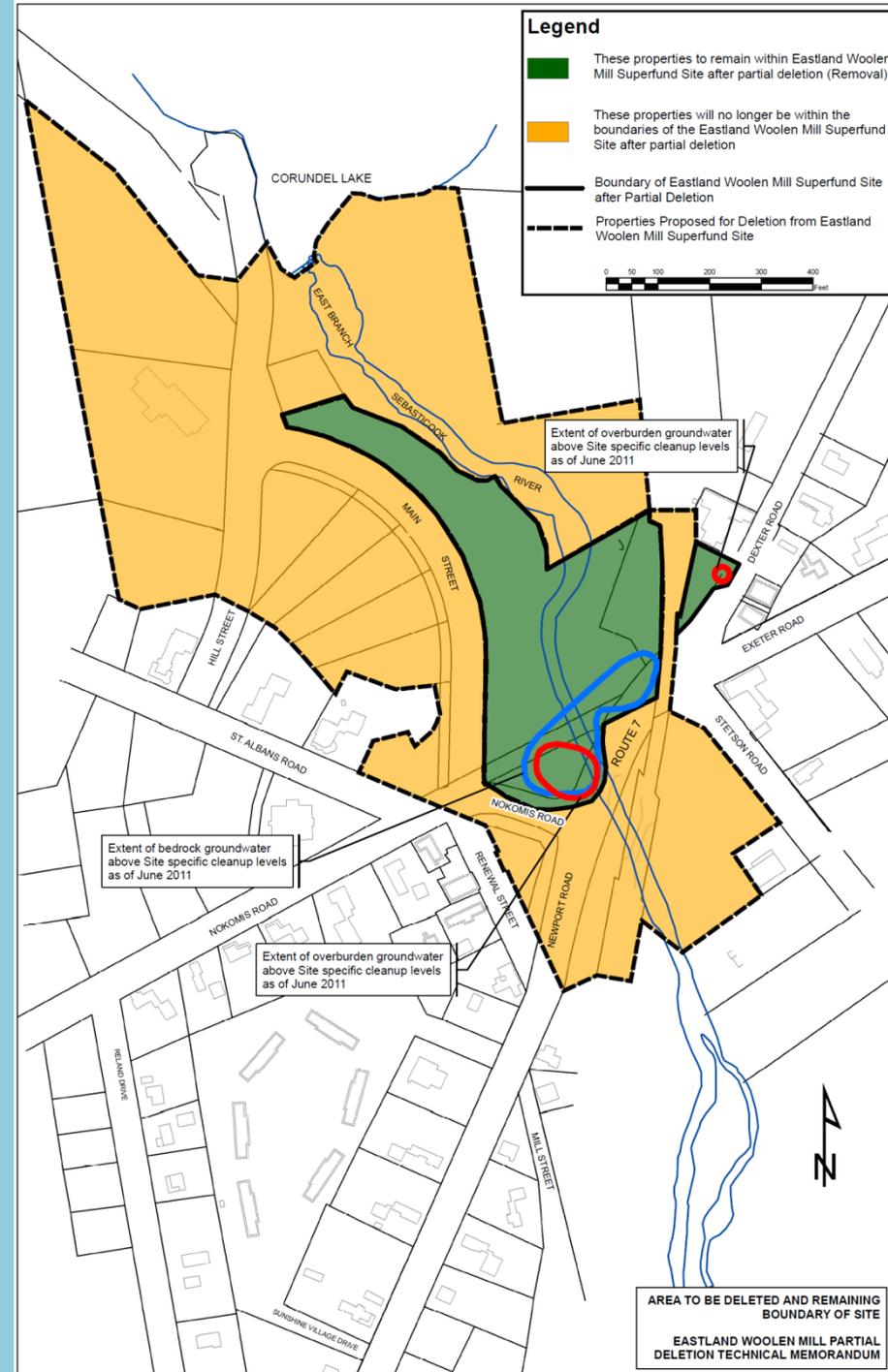
- Meeting Agenda
 - Proposed Partial Deletion
 - Background
 - Update of Site Activities

Eastland Woolen Mill Superfund Site Partial Deletion

- The formal process for partial delisting:
 - EPA will be posting two notices in the Federal Register (FR):1) a notice of intent to delete the site; appears in the “Proposed Rules” section, and 2) direct final notice of deletion appears in the “Rules and Regulations” section.
 - The direct final deletion notice indicates the effective date of deletion and explains the direct final deletion process.
 - If no adverse comments are received, the direct final deletion notice will become effective 30 days from the end of the comment period.
 - If adverse comments are received then the partial delisting will be withdrawn.

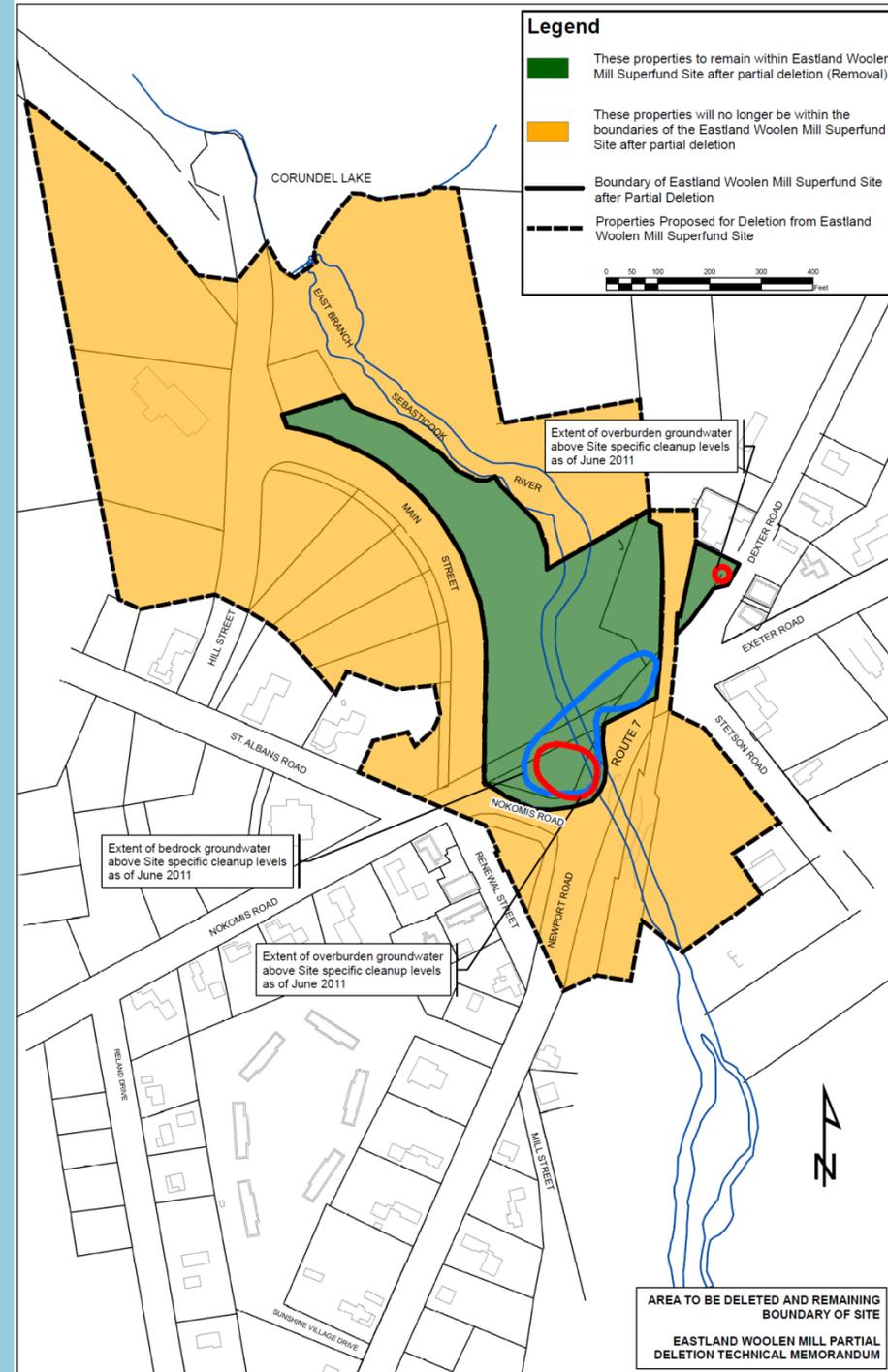
Eastland Woolen Mill Superfund Site Partial Deletion

- EPA and Maine DEP have determined that all of the necessary cleanup actions are complete for the properties proposed for deletion.
- EPA is proposing to remove all the areas shown on the map in the gold color from the Superfund Site.
- Only the areas shown in green will remain within the official boundaries of the Superfund Site.
- The areas in white are not part of the official boundaries of the Superfund site.



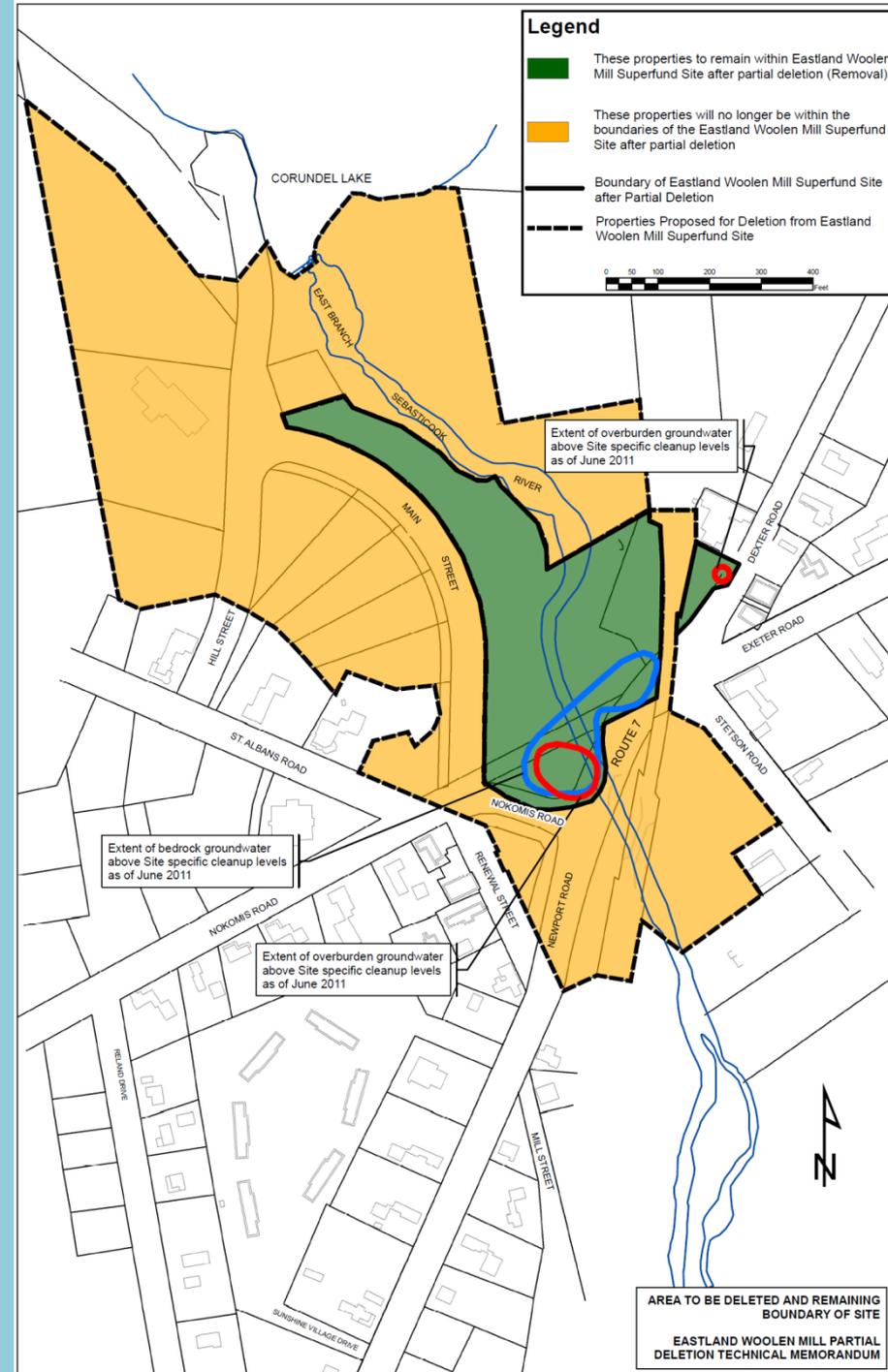
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- EPA will publish a notice of the intent to delete these properties from the Superfund Site in the Federal Register.
- A 30 day comment period will begin with the publishing of the notice.
- If no adverse comments are received, then the deletion will become final about 30 days after the end of the comment period.
- If adverse comments are received, then EPA may withdraw the deletion.



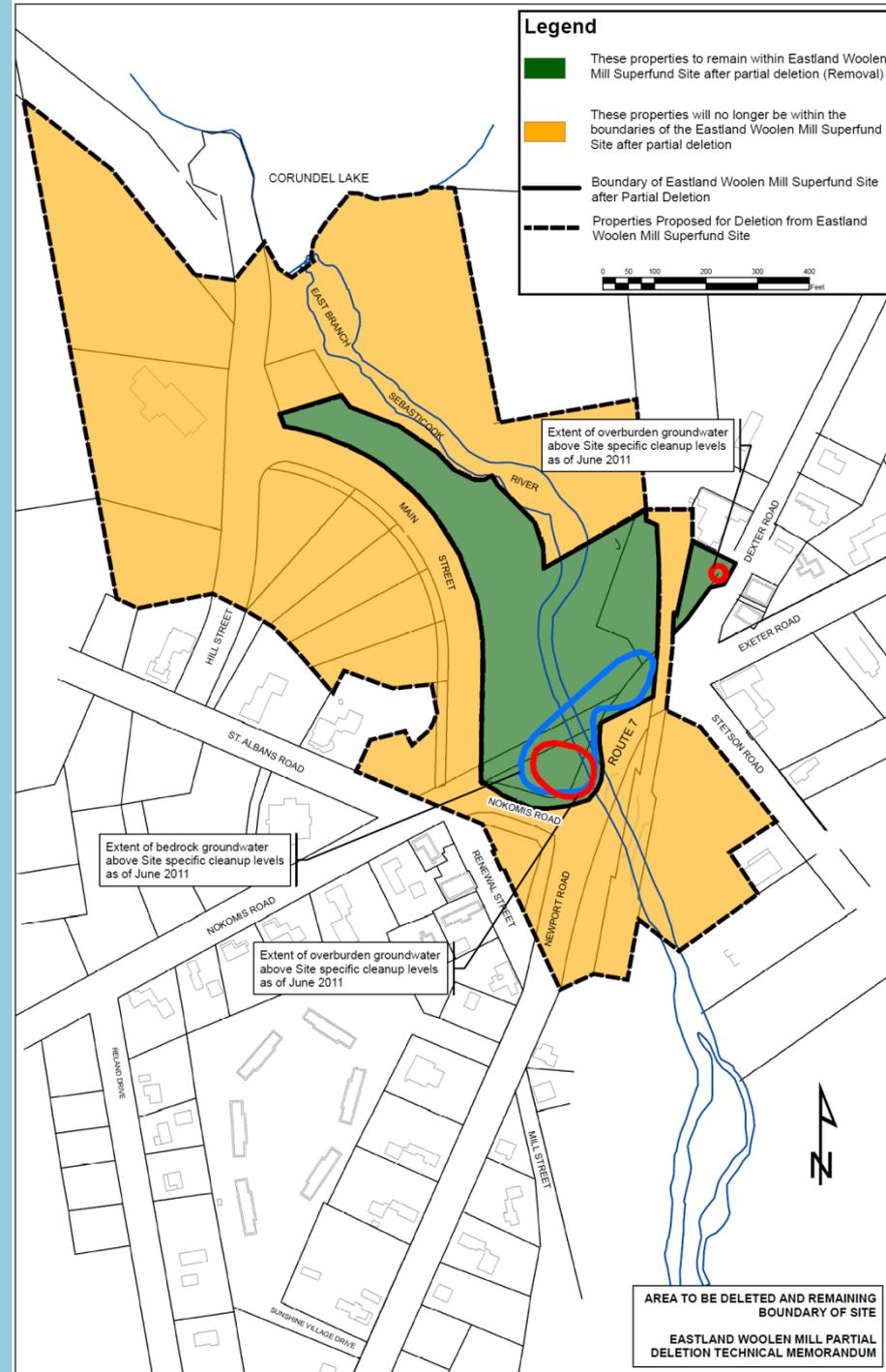
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- The deletion does not end EPA and Maine DEP involvement for these properties.
- The land use restrictions that prevent use of the groundwater will remain in effect.
- EPA and Maine DEP will continue to inspect and monitor the groundwater and compliance with the land use restriction.
- The cleanup work for the area that remains with the Site is not yet complete.



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- EPA and Maine DEP will also evaluate the Site, including the deleted areas and other surrounding areas as part of the five-year review process.
 - EPA evaluates every cleanup action every five years to confirm whether the cleanup remains protective of human health and the environment.
 - Additional cleanup activities can be implemented, even for areas that have been removed from the Site boundaries, if there is a finding that the cleanup is not protective of human health and the environment.



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- Submit your comments, identified by Docket ID no. EPA-HQ-SFUND-1999-0010, by one of the following methods:
- <http://www.regulations.gov> . Follow on-line instructions for submitting comments.
- Email: hathaway.ed@epa.gov
- Fax: 1-617-918-0372
- Mail:

Edward Hathaway
U.S. EPA Remedial Project Manager
5 Post Office Square (OSRR07-1)
Boston, MA 02109-3912

Eastland Woolen Mill Superfund Site
Partial Deletion

- The *Notice of Intent to Partially Delete* and the *Notice of Partial Deletion* are also available on EPA's web page at the following web address:
www.epa.gov/region1/superfund/sites/eastland.
- Publicly available docket materials are also available at the EPA Record Center and the Site information repository at the locations listed below:

EPA Region 1 Record Center
5 Post Office Square
Boston, MA 02109
Phone: 1-617-918-1440
Hours: Mon - Fri 8:00 am to 5:00 pm

- Stewart Free Library
8 Levi Stewart Drive
Corinna, ME 04928
Phone: 1-207-278-2454
Hours: Tuesday, 9 a.m. – 2 p.m.; Wednesday 1 p.m. – 7 p.m.; Thursday 1 p.m. – 7 p.m.; Friday 9:00 a.m. – 2 p.m.

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Background Information

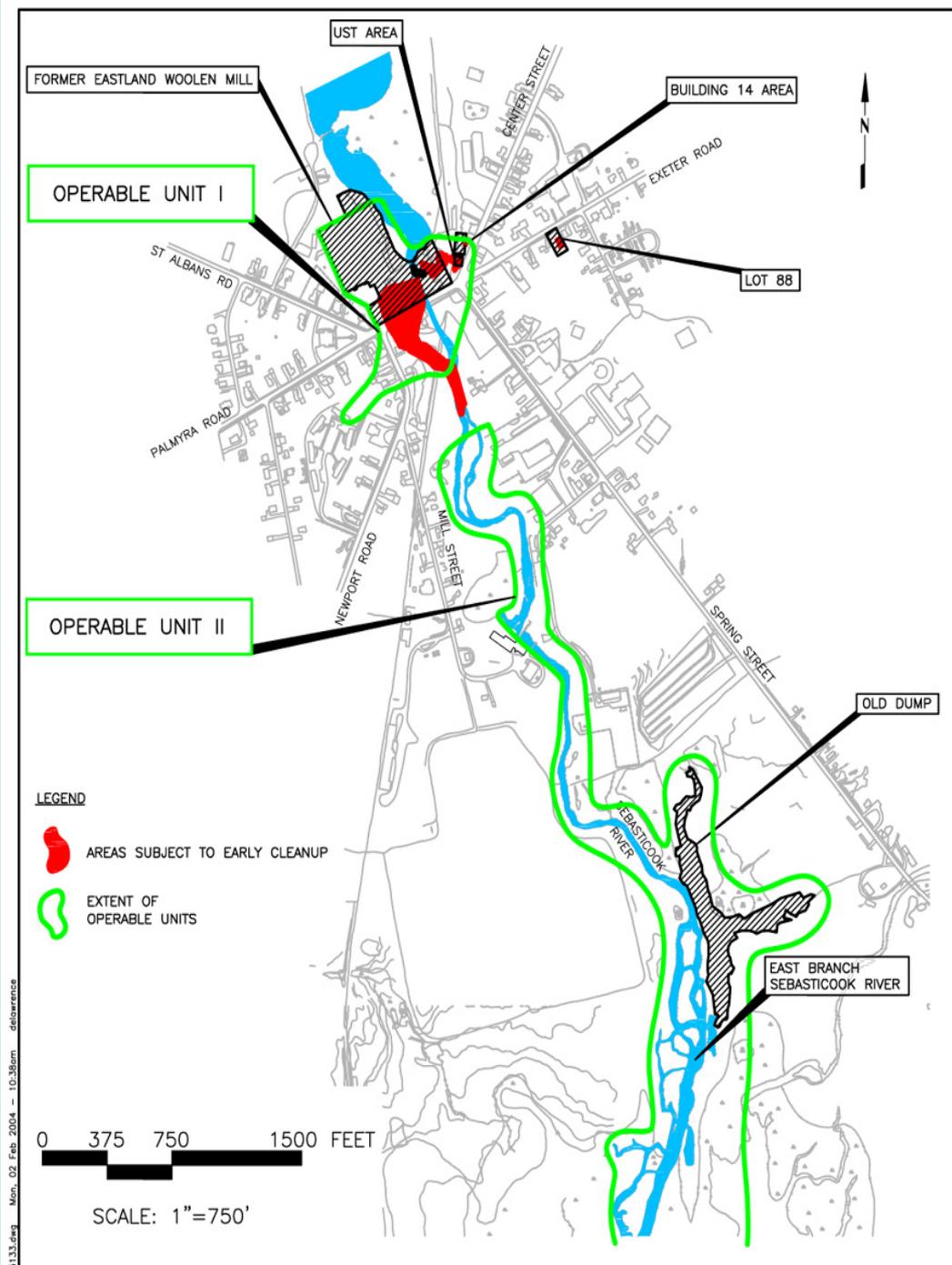
- Former Eastland Woolen Mill operated from 1906 to 1995.
- Mill operations resulted in extensive groundwater, soil, surface water, and sediment contamination.
- Facility abandoned mill in 1995.
- Maine DEP and Eastland Woolen Mill performed initial investigation and cleanup actions during 1980's and 1990's.
- Town and Maine DEP sought EPA involvement in 1998.



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Site Background- EPA

- EPA began investigation activities at the Eastland Woolen Mill in 1998.
- Non-Time-Critical Removal Action (NTCRA) cleanup decision was signed in July 1999
- Groundwater Cleanup Decision (Operable Unit 1) signed in September 2002
 - This cleanup decision was amended in 2006
- Operable Unit 2 (downstream sediments, floodplain soil, and Old Dump) cleanup decision in 2004 – No Further Action



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NTCRA

- Demolition of the former Eastland Woolen Mill.
- Excavation of contaminated soil and treatment on-site.
- Restoration of areas subject to excavation:
 - Re-alignment of Route 7.
 - Highway Bridge and Recreational Bridge.
 - Removal of Mill dam and restoration of the Mill pond to a free-flowing river through a newly constructed river channel.

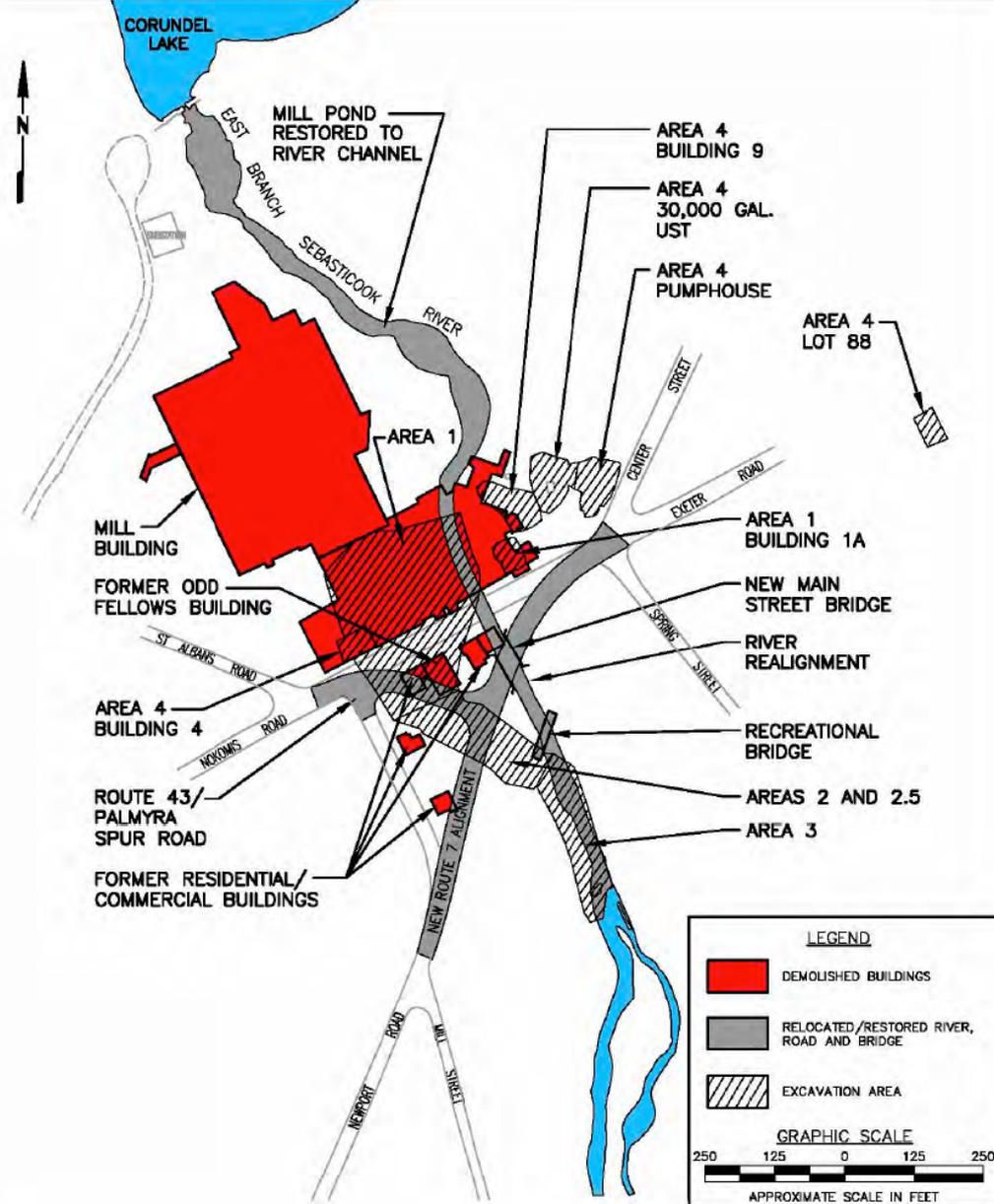


FIGURE 8
LOCATION OF MAJOR NTCRA ACTIVITIES

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NTCRA

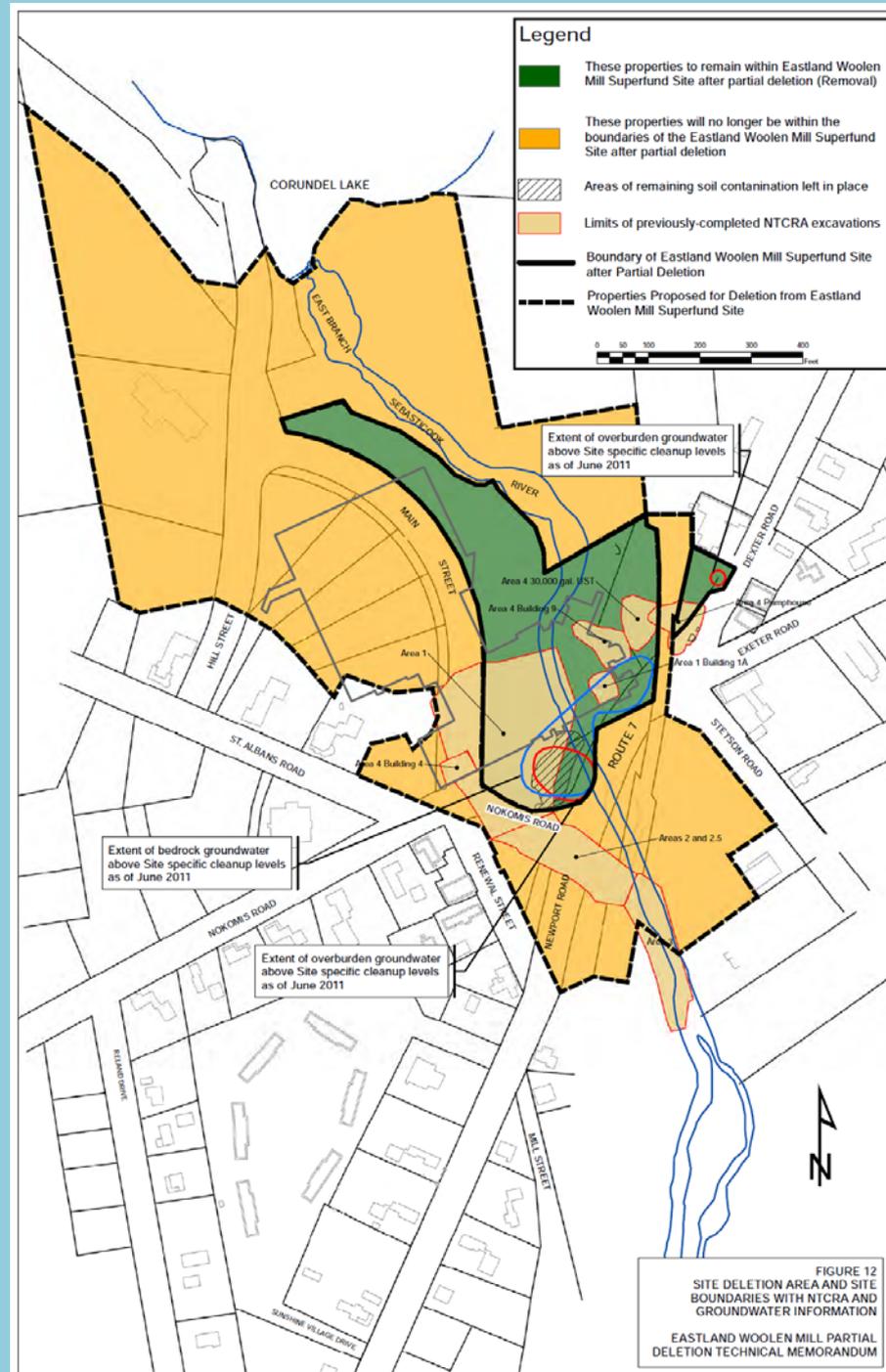
- On-site low temperature thermal treatment (LTTT) of nearly 90,000 tons of contaminated soil, of which 82,000 tons were treated to below cleanup goals and backfilled on site .
- In-situ chemical oxidation of contaminated soil that was not accessible to excavation.
- Site restoration.



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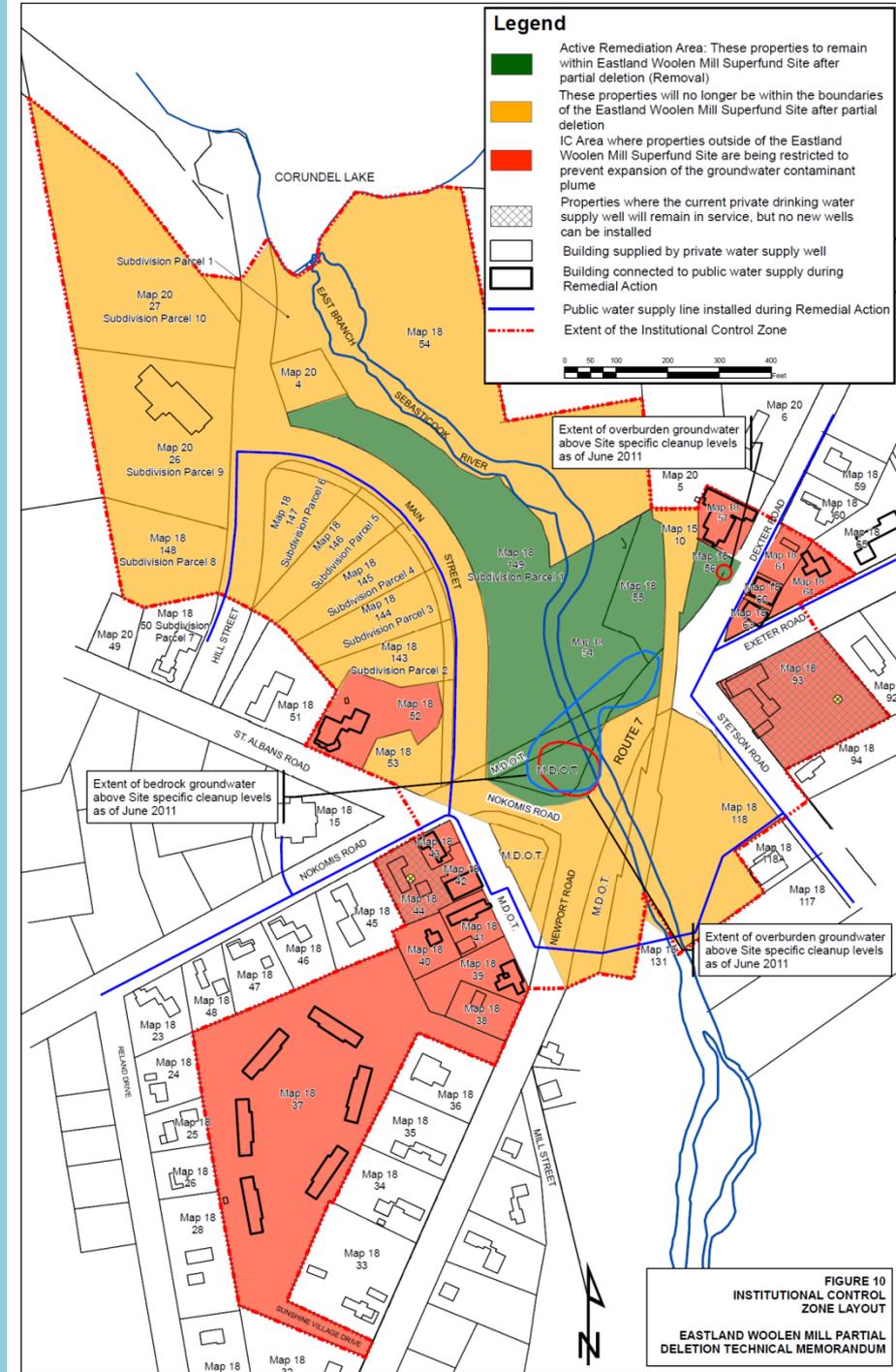
Remedial Action

- Continued in-situ chemical oxidation program.
- Connected several residences to water line.
- Long-term monitoring and five-year reviews.
- Defined area in need of land-use restriction.
- Will transfer to Maine DEP in 2018.



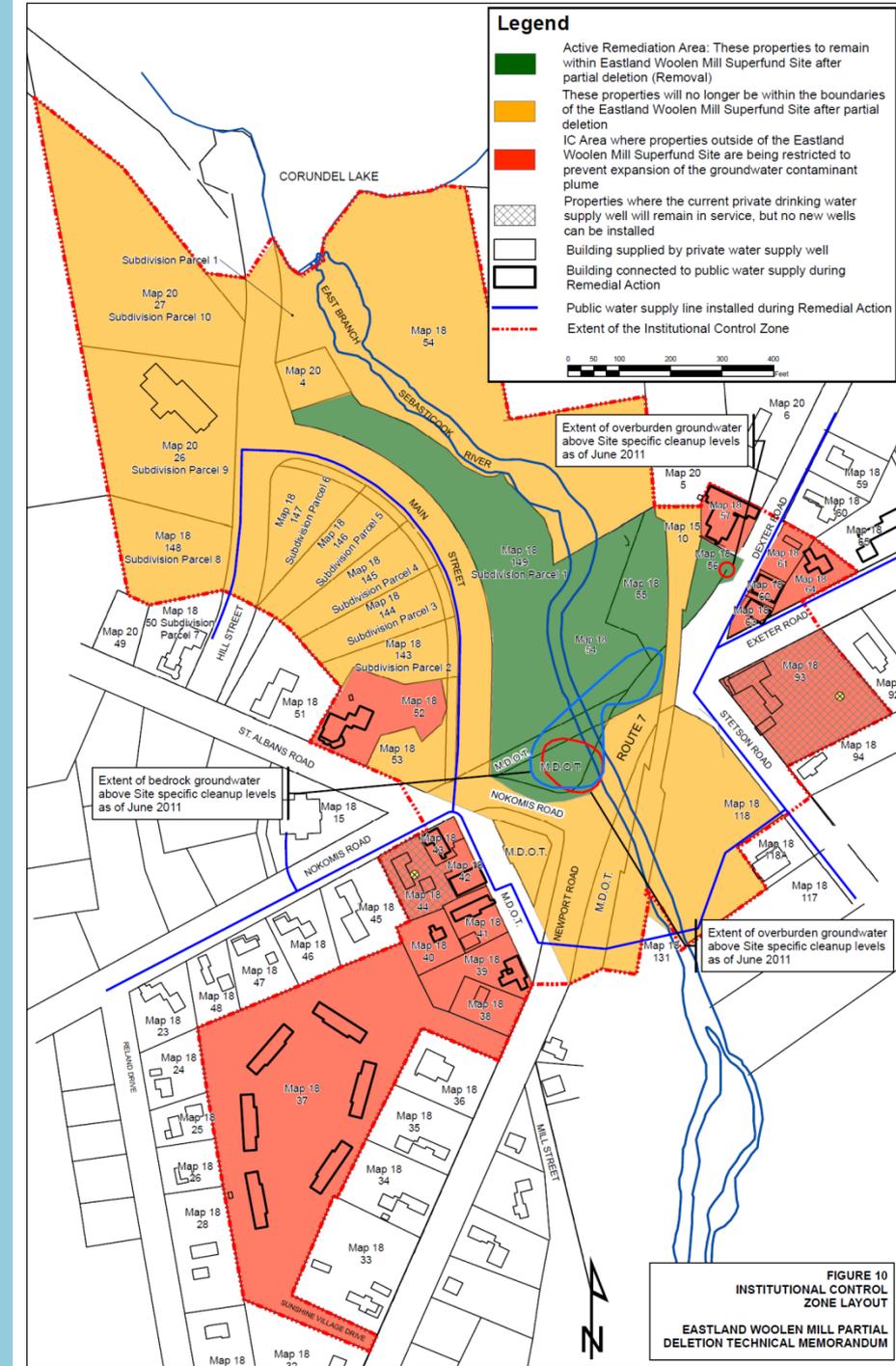
Eastland Woolen Mill Superfund Site Partial Deletion

- What is left to do at the Site?
 - Long-term monitoring and inspections.
 - Five-year reviews.
- EPA and Maine DEP are still evaluating whether additional in-situ treatment of the groundwater is necessary.



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- What is left to do at the Site?
 - Complete the land use restrictions.
 - The remaining land use restrictions will be implemented to prevent the groundwater contamination from expanding.



Why do we need land use restrictions?

Figure below shows extent of groundwater contamination before the cleanup. Groundwater contamination in 2012 extends over a much smaller area than 2002 because of the cleanup and water line (eliminates pumping wells) that pull the contamination.

Land use restriction are necessary for properties where groundwater use could expand the area of groundwater contamination.

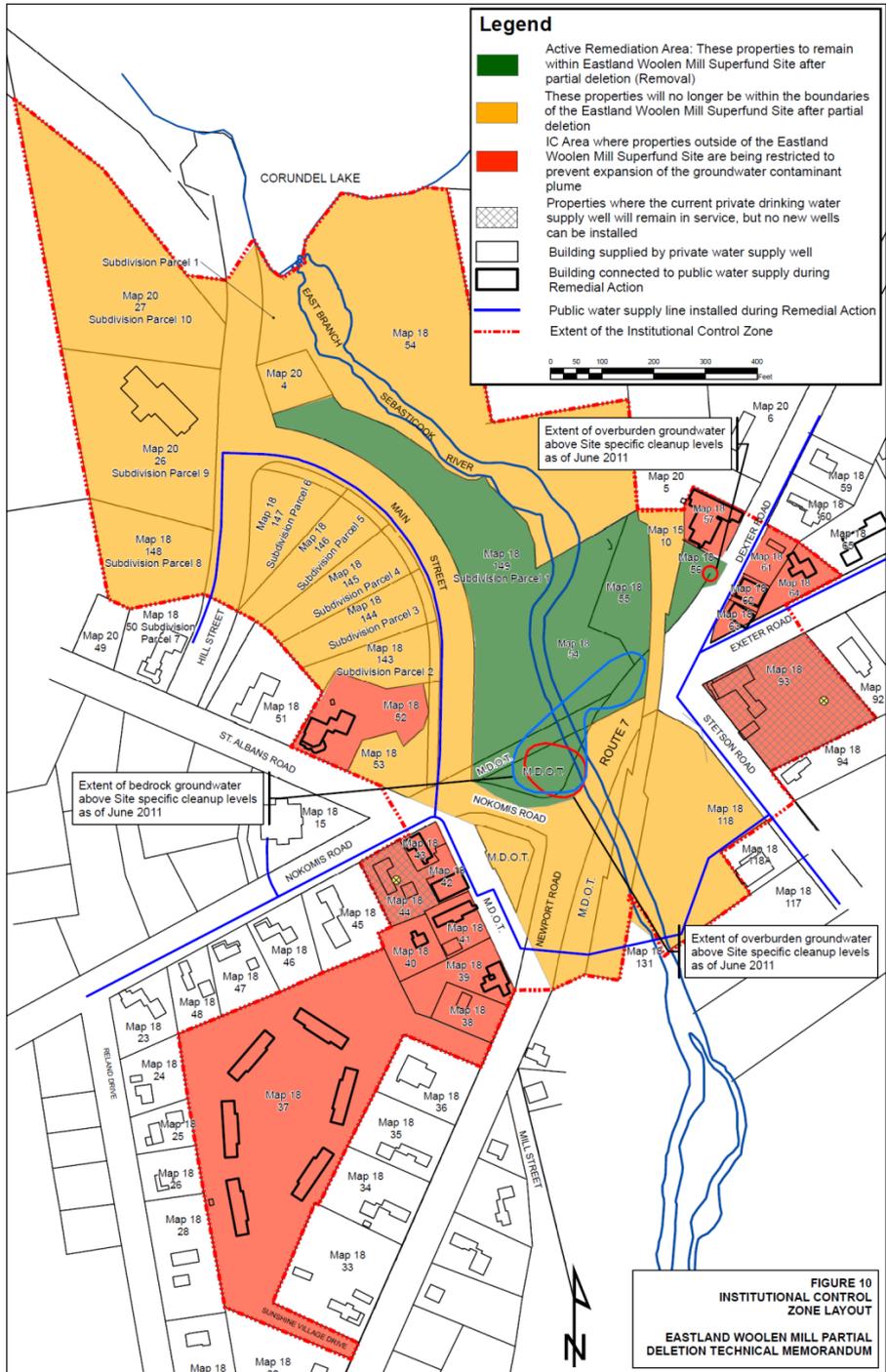
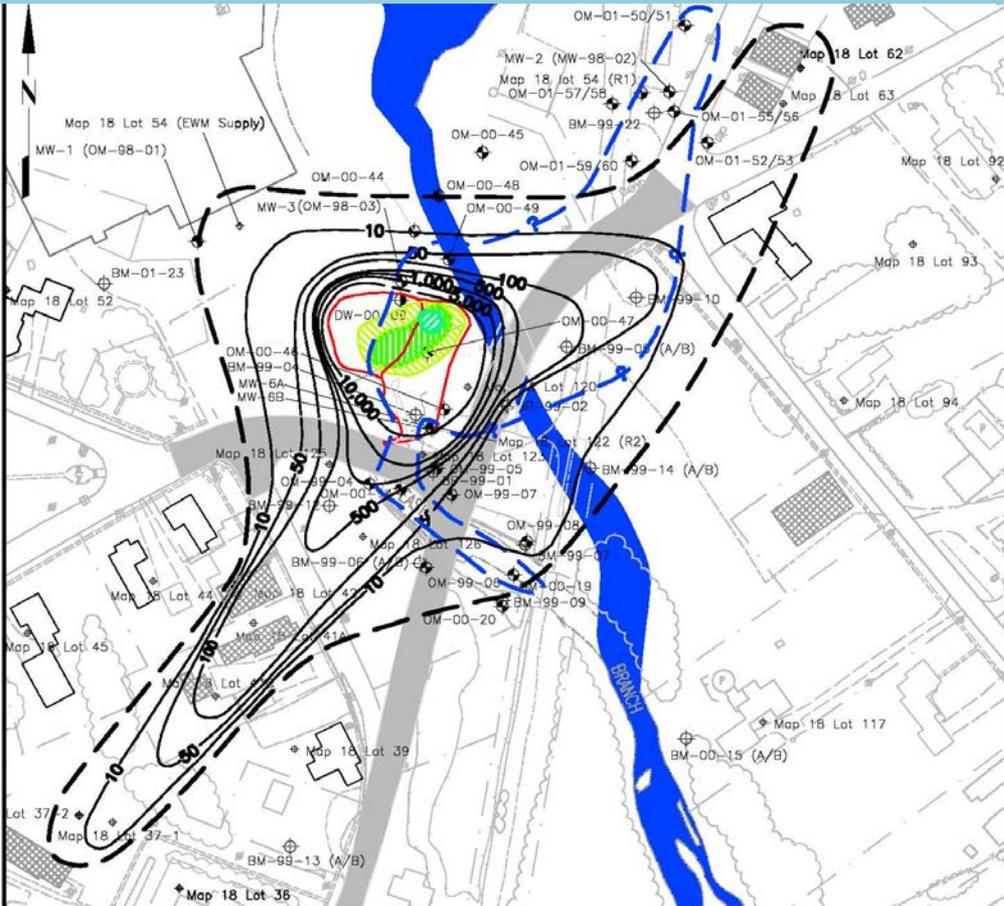
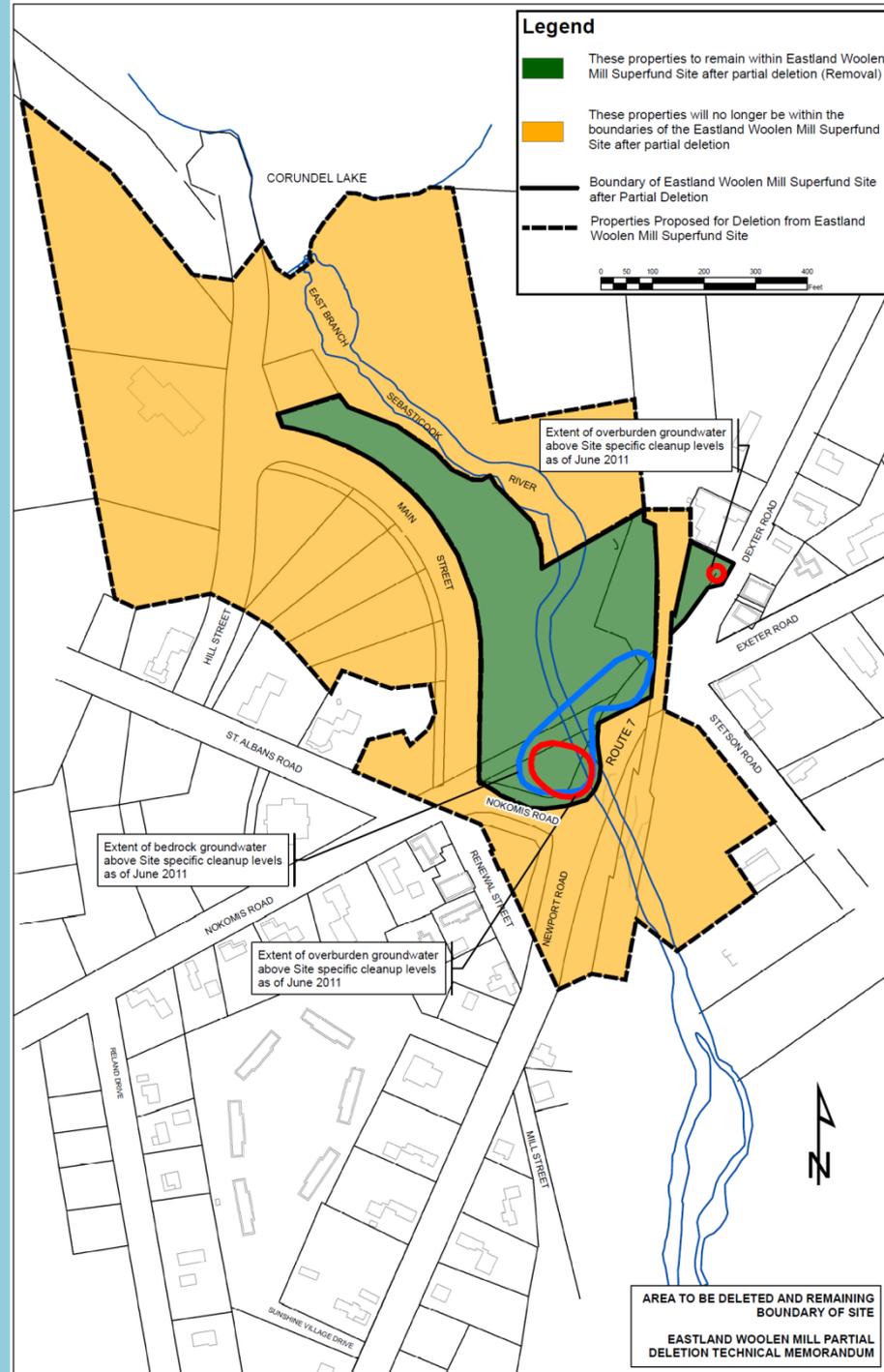


FIGURE 10
INSTITUTIONAL CONTROL
ZONE LAYOUT
EASTLAND WOOLEN MILL PARTIAL
DELETION TECHNICAL MEMORANDUM

Eastland Woolen Mill Superfund Site Partial Deletion

Summary

- EPA is proposing to reduce the size of the Eastland Woolen Mill Superfund Site.
- The properties proposed for deletion are ready for reuse.
- 30 day comment period.
- The major cleanup activities are complete.
- Long-term monitoring and five-year reviews will be focus of activity at the Site.
- EPA and Maine DEP are evaluating whether additional in-situ chemical oxidation injections are necessary.



Questions