

Vermont Railway Shelburne Transload Facility Environmental/Permitting Considerations

Presented by:

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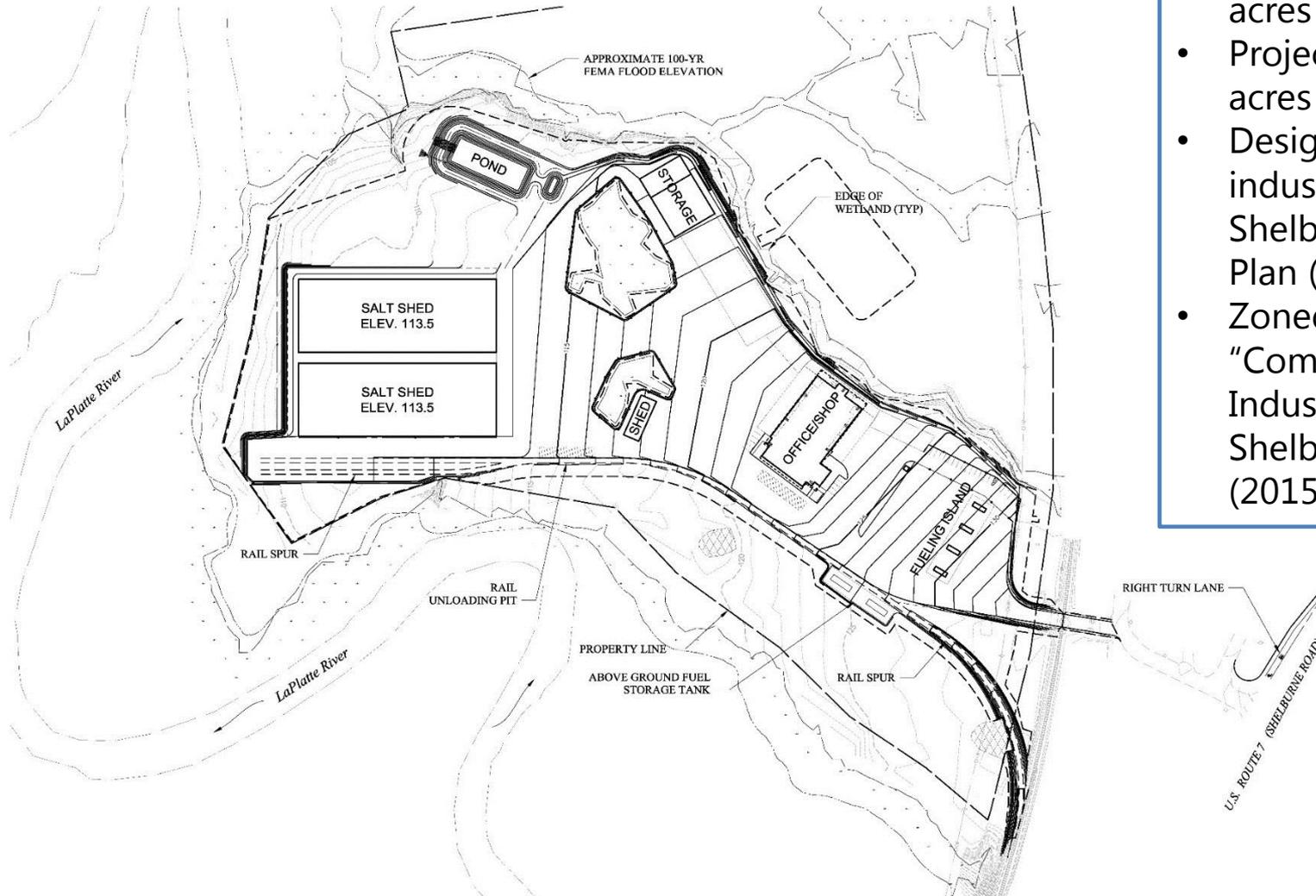


February 10, 2016

Orthophoto Map



Post-Construction Site Plan



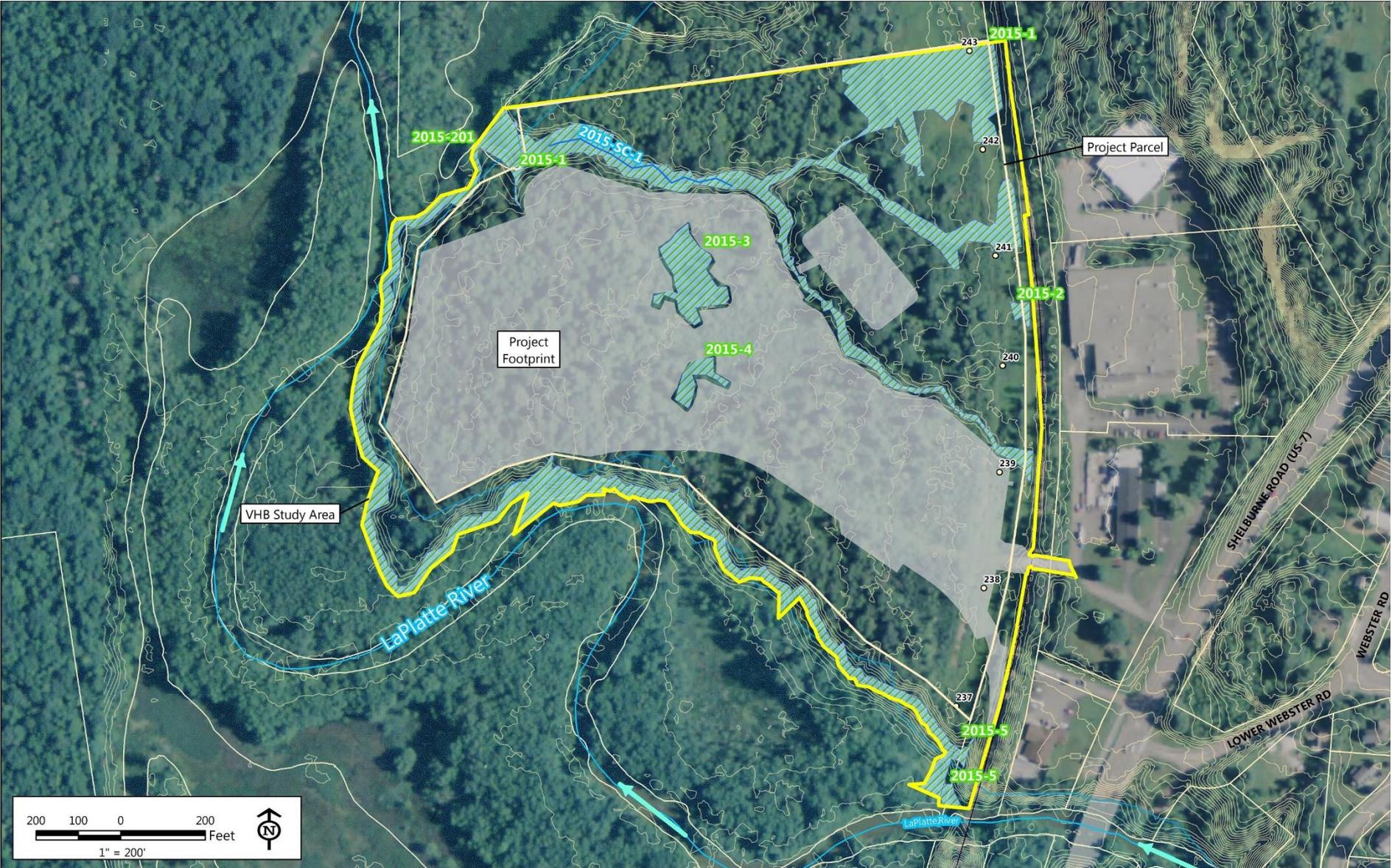
Site Facts:

- Parcel Area: 33 acres (+/-)
- Project Area: 19 acres (+/-)
- Designated for industrial use in Shelburne Town Plan (2014)
- Zoned for "Commerce and Industry" in Shelburne Zoning (2015)

Environmental Resources Evaluated

- Wetlands
- Streams
- Vernal Pools
- Threatened and Endangered Species –
Plant/Animal
- Floodplains
- River Corridors

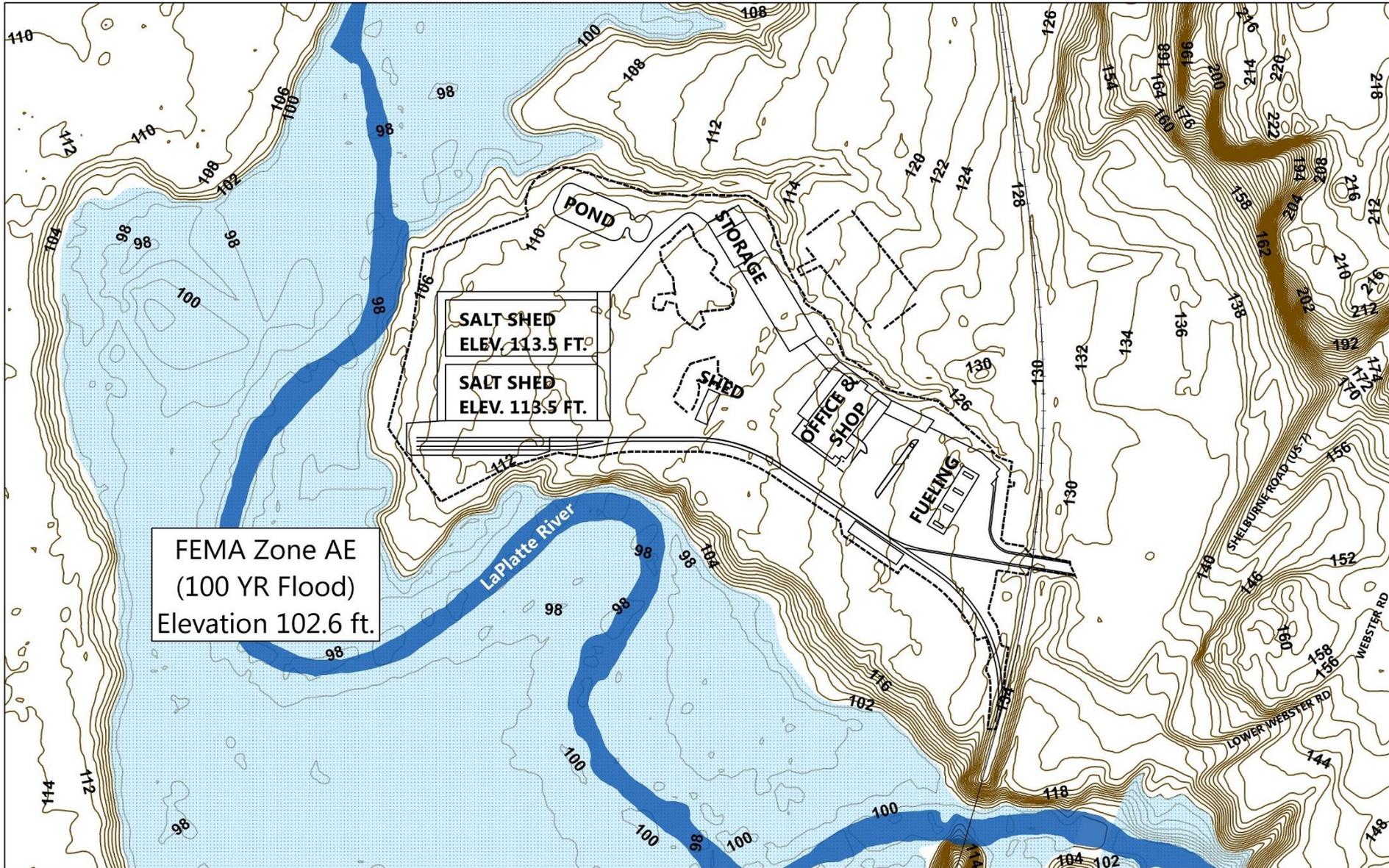
Natural Resources Map



Floodplain and River Corridor



Flood Elevation Map



Required Regulatory Reviews

- **Waters and Wetlands:** US Army Corps of Engineers through CWA Section 404
- **Construction Stormwater:** NPDES Construction Stormwater Discharge Permit (GP 3-9020), administered by Vermont DEC
- **Operational Phase Stormwater:** NPDES Multi-Sector General Permit (GP 3-9003), administered by Vermont DEC

Construction Stormwater General Permit 3-9020 Application Components

- Notice of Intent (NOI)
- Appendix A (risk evaluation)
- Erosion Prevention and Sediment Control (EPSC) Plan, Narrative, Notes, and Details

Construction Stormwater General Permit 3-9020

Approach to Water Quality Protection

- EPSC Plan is based on use of Best Management Practices (BMPs), including:
 - Structural Measures:
 - Silt fences
 - Stabilized construction entrance
 - Erosion control blankets
 - Non-Structural Measures:
 - Phased construction
 - Restriction on concurrent earth disturbance
 - Prompt stabilization/revegetation

Multi-Sector General Permit(MSGP) Overview

- Federal NPDES Program delegated to VT DEC (GP 3-9003)
- Regulates Operational Phase Stormwater Runoff from certain Industrial Facilities
- Requires the preparation of a Stormwater Pollution Prevention Plan (SWPPP) and implementation of Control Measures

MSGP, continued

- Stormwater Pollution Prevention Plan (SWPPP)
 - Facility information, site description, and site map
 - Description of receiving waters
 - Inventory of potential pollutant sources, exposed materials, and past spills/leaks
 - Non-Stormwater discharges
 - Best Management Practices (BMPs) identification and implementation
 - Monitoring requirements and effluent limitations

MSGP, continued

- Required Control Measures, including:
 - Minimize exposure
 - Good housekeeping
 - Maintenance
 - Spill prevention and response
 - Management of runoff
 - Employee training
 - Vehicle or equipment washing

Current Project Permitting Status

- Project avoids all impacts to **Waters and Wetlands**
- Project avoids all impacts to **Flood prone areas** including LaPlatte River floodplain and river corridor
- Project has filed for a **Construction Stormwater** permit including an Erosion Prevention and Sediment Control Plan that meets Vermont DEC criteria
- Project is preparing a Stormwater Pollution Prevention Plan for coverage under the Multi-Sector General Permit, and a stormwater basin design that voluntarily meet Vermont Stormwater Management Manual criteria for **Operational Phase Stormwater** management from the site