Presentation to North Attleborough Conservation Commission

Mt. Hope Street MGP Remediation Project

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Liberty Utilities

September 24, 2019

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Presentation Objectives

- Project history
- Regulatory status
- Proposed remediation
- What to expect during construction
- Anticipated project schedule

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About Liberty Utilities

24
Provinces and States

764,000
Utility Customers

2,200
Employees

32
Customer Service Centers

9,029
miles of Gas Distribution Lines

1,874
miles of Water Distribution Mains

2,900
MW Installed Electric Generation Capacity

687
Wind Turbines

59
Hydroelectric Generators

494,046
Solar Panels

12,694
miles of Electric Distribution Lines

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Commitment to Community

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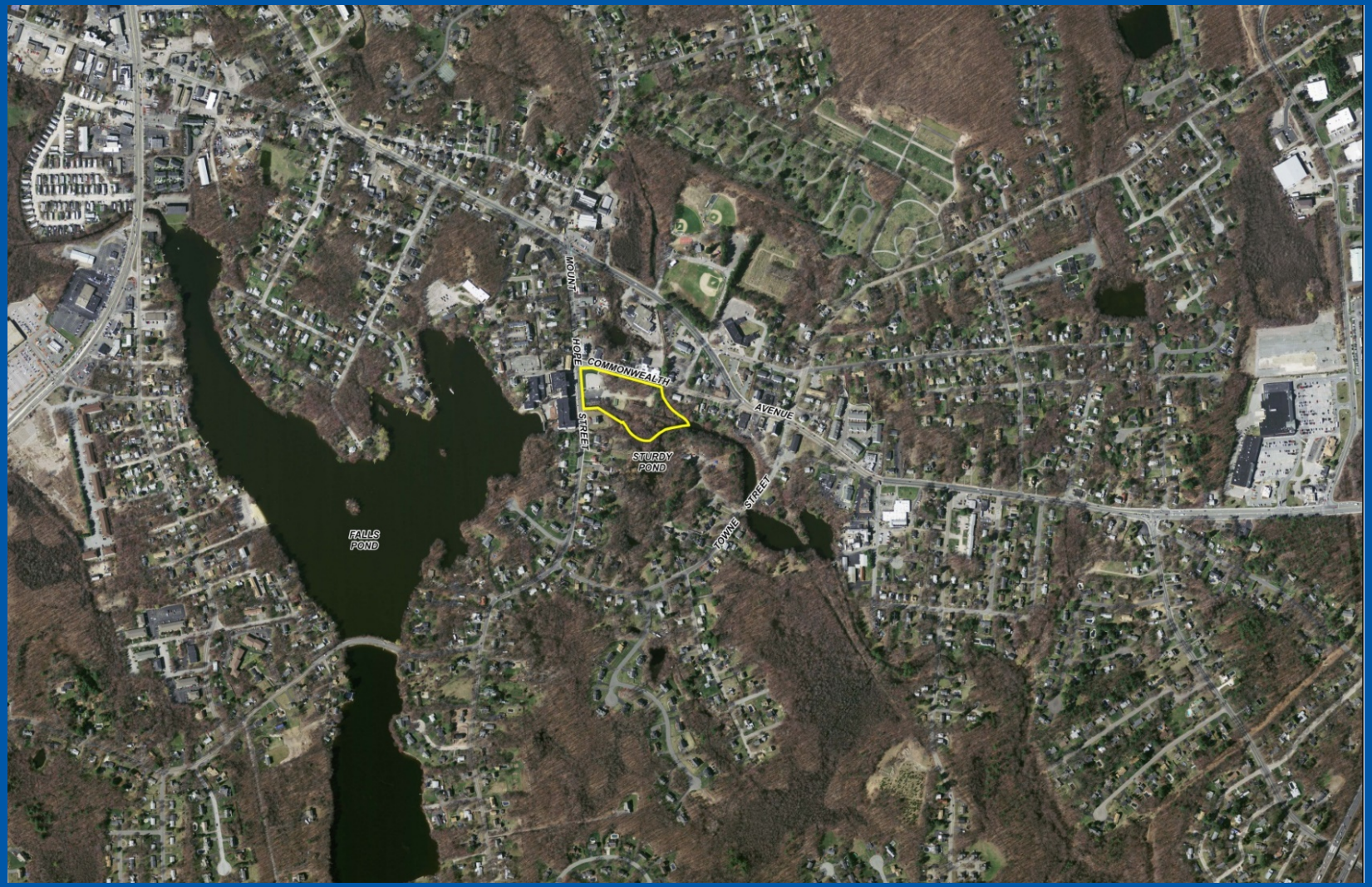
Site Location



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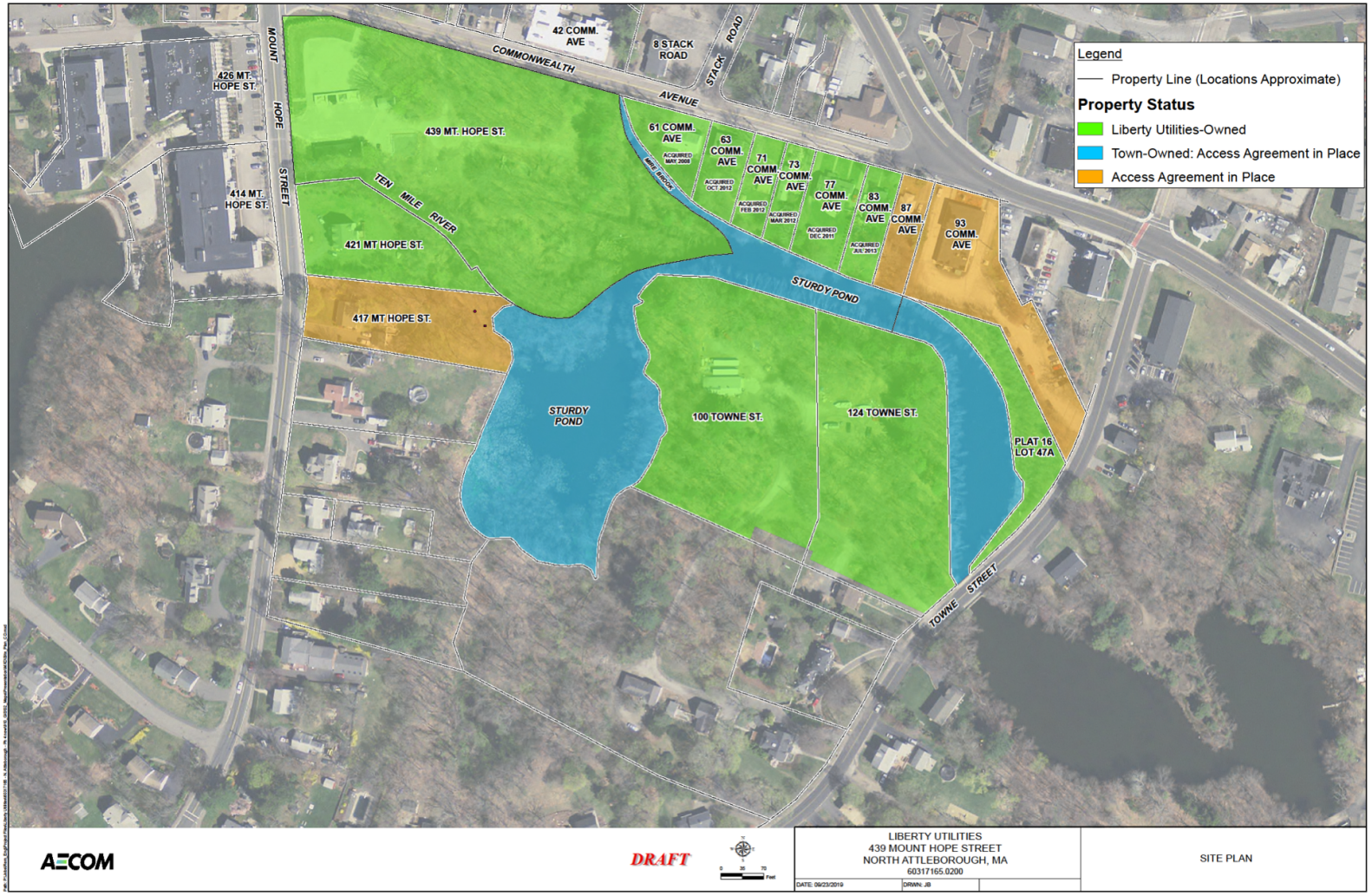
Site Location



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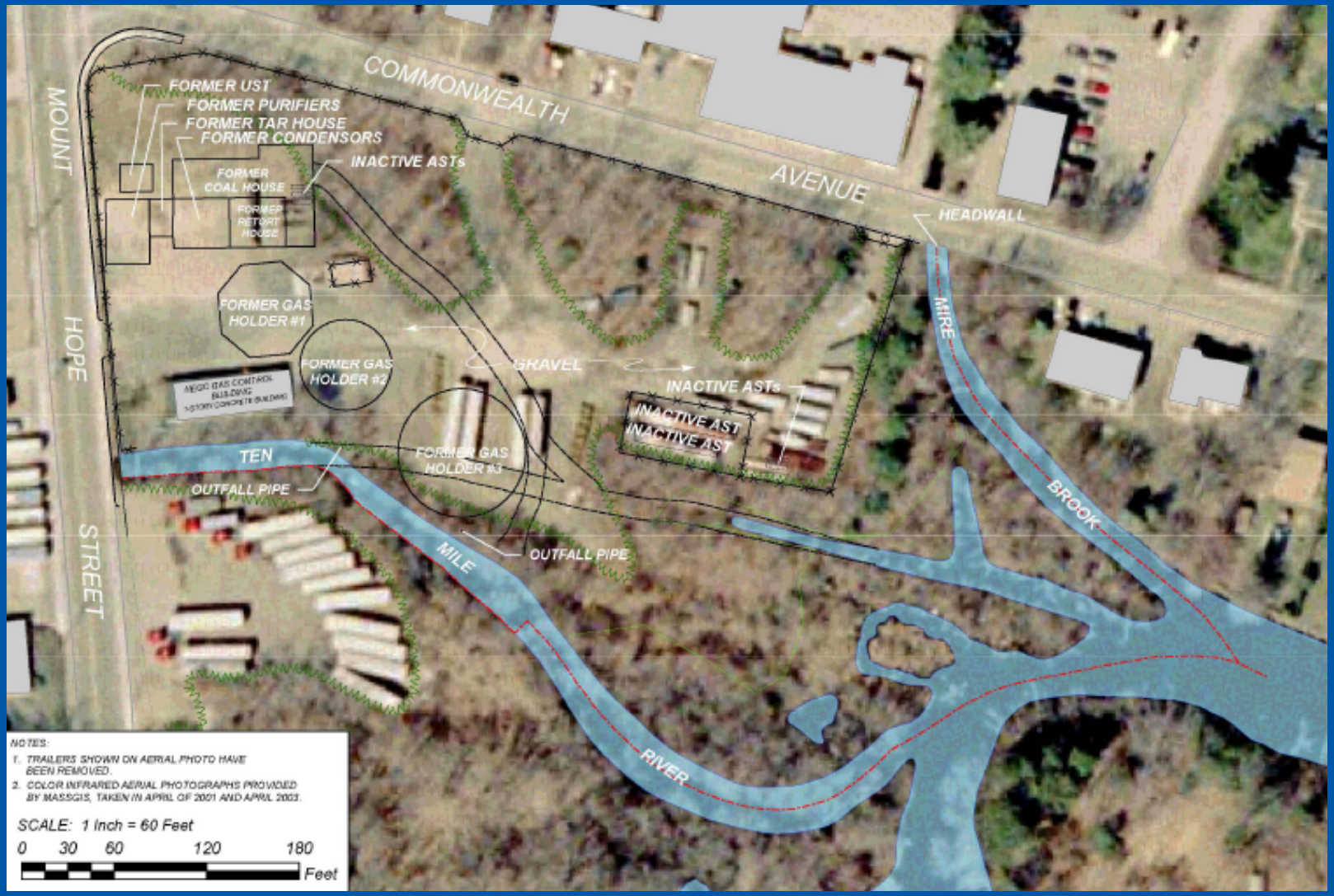
What is “Manufactured Gas”?



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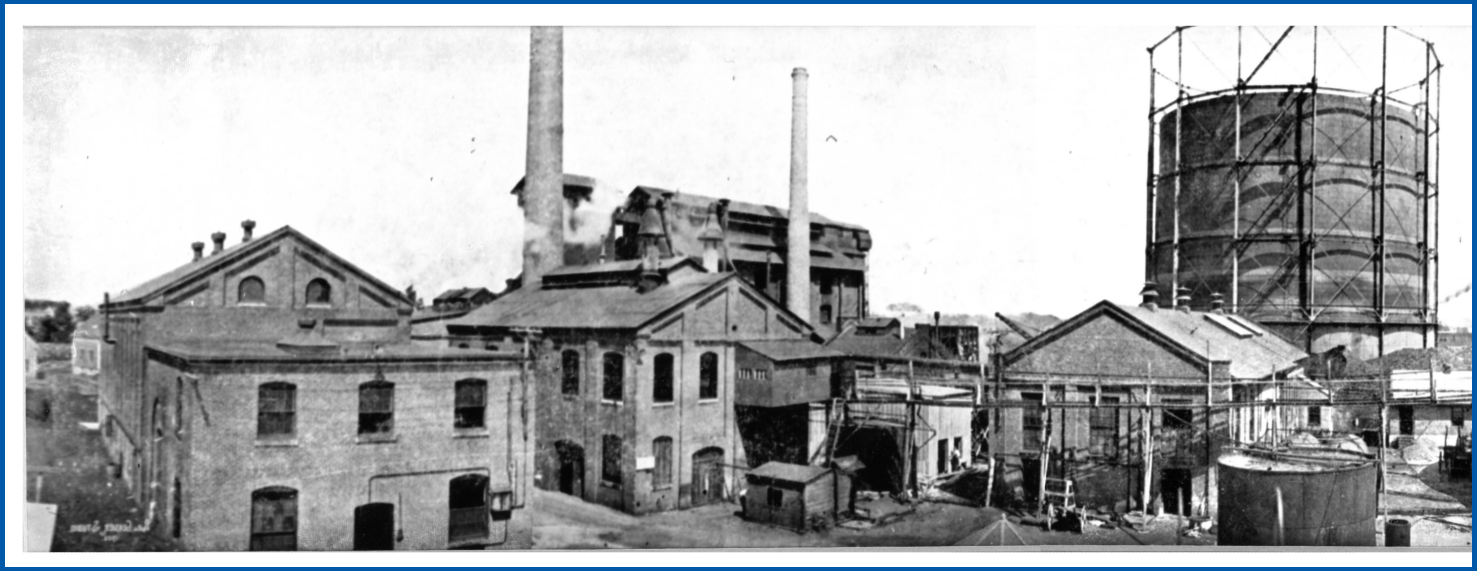
Mt. Hope Street former MGP History



Mid-1800s-1928: Manufactured gas

1928-1953: Gas transfer (gas manufactured in Taunton)

1953-present: Natural gas distribution

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Environmental Remediation Regulatory Process

Permitting Agencies:

MassDEP

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

US Army Corps of Engineers®

TOWN OF NORTH ATTLEBOROUGH, INCORPORATED 1887.

Project Engineer and Licensed Site Professional:

AECOM

Project History and MCP Status

2002-2005
- Phase I and II Investigations – Liberty property
- Phase III Alternatives Evaluation – Liberty Property

2005-2009
- Phase II and III Investigations (off-site property areas)
- Partial Phase IV remediation completed on Liberty property

2010-2019
- Supplemental Phase III
- Submittal of Permit Applications
  Note: Town reviewed documentation including draft 2011 NOI
- Negotiation of off-site access and property acquisitions

2019
- Submit Phase IV Remedy Implementation Plan (RIP)
- Submit Revised Environmental Permit Applications

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2008 Partial Remediation - Before and After

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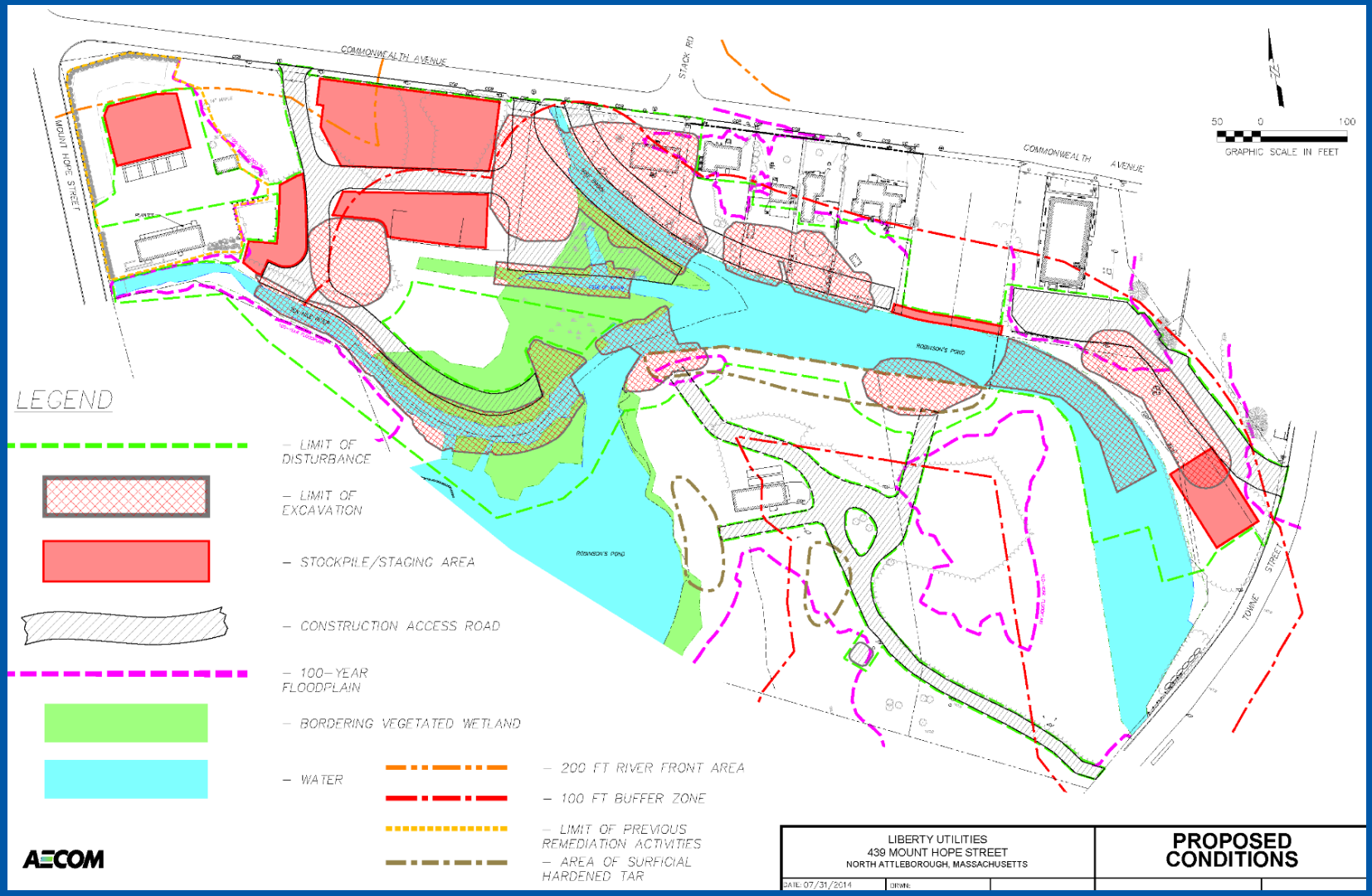
Remediation Activities Plan



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Environmental Remediation: Project Elements

- Clear brush and vegetation in work areas
- Construct temporary access roads and staging areas
- Construct temporary water treatment system
- Construct temporary cofferdams/diversions and bypass pumping systems
- Remove impacted soil and sediment
- De-water excavation/dredge areas
- Stockpile, process, load and transport soil and sediment to licensed treatment/disposal facility
- Backfill and restore excavations, wetlands, yards, and river banks
- Periodic inspection to verify restoration success

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Project Controls and What to Expect

Work Areas

- Security fencing with privacy screening
- Water diversion features
- Temporary water treatment facility

Equipment

- Construction equipment (excavators, loaders, bulldozers, etc.)
- Sound (diesel engines, backup alarms during working hours)

Truck Traffic

- Increased truck traffic entering/exiting site (dump/haul trucks)
- Traffic controls/signs and flaggers for public safety

Air Quality

- Air monitoring (measured at fence-line during construction)
- Dust suppression

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Example Sediment Remediation Project

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Example Sediment Remediation Project

Cofferdam

Restoration

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Example Riverbank Restoration- Before and After

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Next Steps/Schedule
(Approximate based on current status and approvals)

Fall 2019 – pre-construction activities
- Notice of Project Change (MEPA) – MassDEP (completed)
- Notice of Intent - NA Conservation Commission (submitted)
- Chapter 91 License and Dredge Permit – MassDEP (submitted)
- Contractor solicitation (in process)

Winter 2019/2020
- Award construction contract
- Contractor submits implementation plans and obtains final permits

Spring 2020
- Remedial construction (~6 to 9 months)
- Initiate post-construction monitoring

December 2021
- File closure documentation with MassDEP

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Detailed Bidding Schedule - 2020

Feb 1

- Issue RFP to qualified vendors
- Mandatory pre-bid site walk on Feb 10
- Bidder Q&A

Mar 13

- Contractor bids due
- Interviews with select bidders on Mar 27
- Begin coordination with Field Ops/Facilities for site disruptions during remediation

Apr 1

- Target bid award date
- Work to finalize environmental services agreement(s)
- Signature approval(s) will be required (contract value >$5MM)

May 19

- Contractor mobilization and remediation construction (6 to 9 month remediation)

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Discussion and Questions

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