



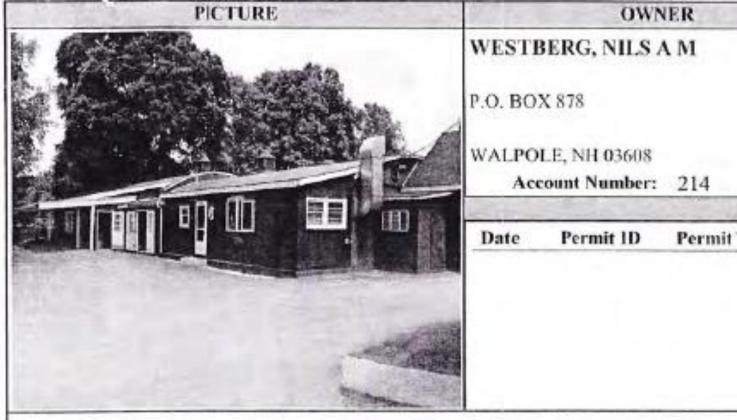






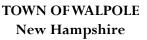
Former Central Plating Facility















Outline

- Brownfields Identification & Assessment
- Cleanup Funding
- Cleanup Implementation
- Restoration & Reuse









Identification & Assessment













SWRPC - Site Selection Criteria - Tier 1

- Municipal Ownership
- Level of Threat to Public Health and Safety
- Level of Other Environmental Risk
- Readiness of Reuse/Redevelopment Plans
- Does Reuse fit with Municipal Zoning and Master Plan?
 - Reuse/Development Potential
 - Transportation access to the site
 - Availability of off-site public/private utilities and public services
 - Clean-up cost relative to post-development value
 - Soundness of utilities, buildings, other structures, drainage
 - Feasibility/probability of remediation
 - Suitability of site as public greenspace









SWRPC - Site Selection Criteria - Tier 2

- Job Creation by Redevelopment
- Participation by other Funders toward Clean-Up and Redevelopment
- Magnitude of Value added to Property Value by the use of Brownfields Funds
- On-Site and Neighborhood Historic Preservation Benefits of Redevelopment
- Environmental Justice Benefits of Redevelopment
- Housing Benefits of Redevelopment









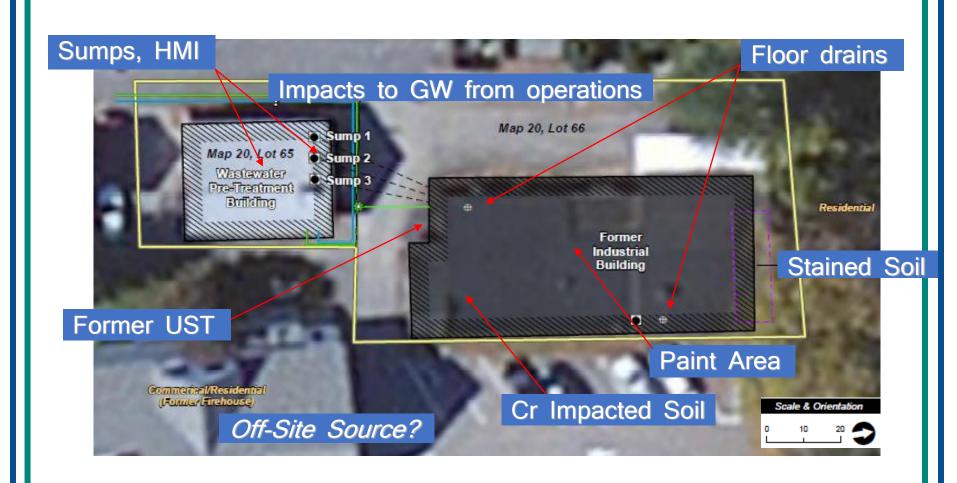










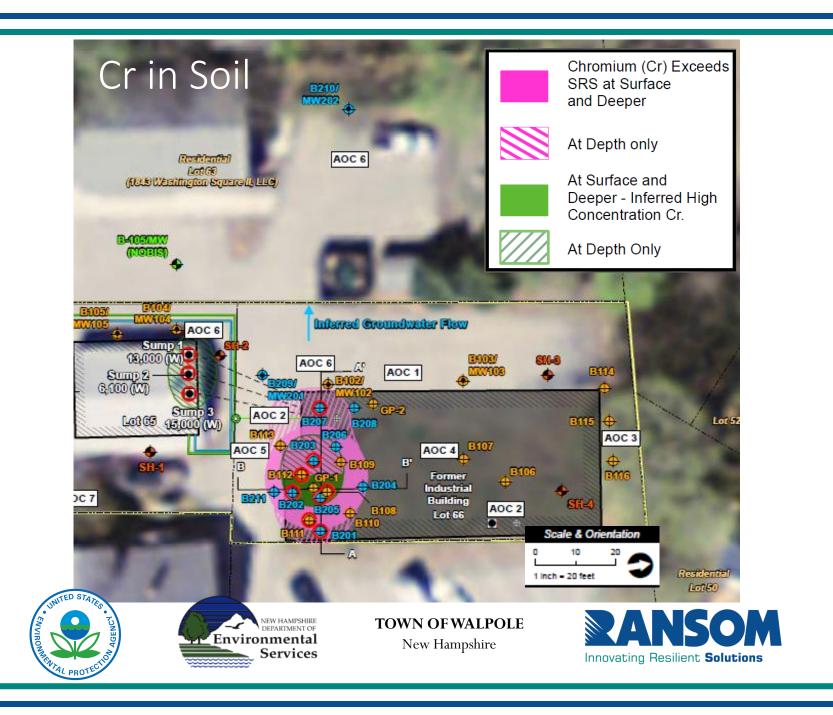


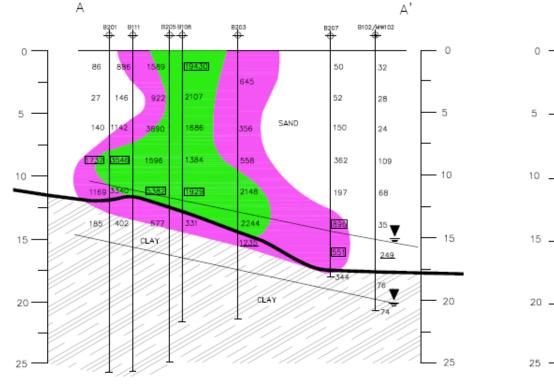


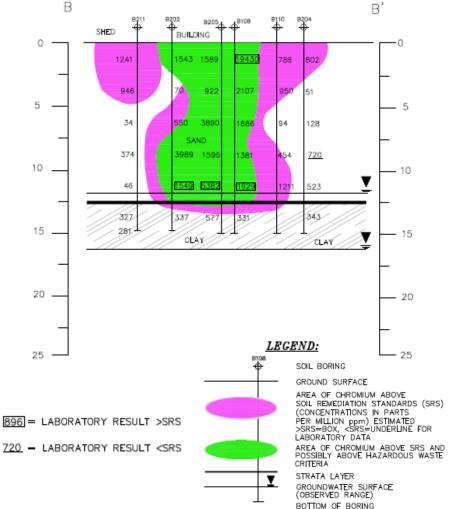






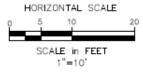


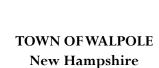




NOTES:

- SITE PLAN BASED ON MEASUREMENTS AND OBSERVATIONS MADE BY RANSOM CONSULTING, LLC.
- 2. SOME FEATURES ARE APPROXIMATE IN LOCATION AND SCALE.



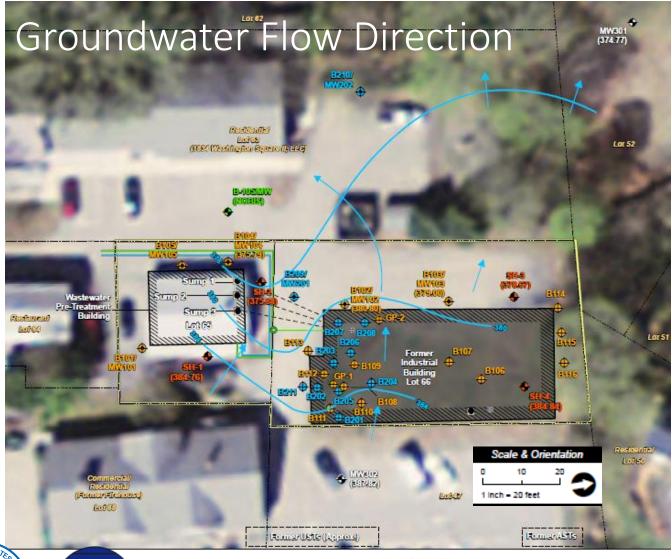










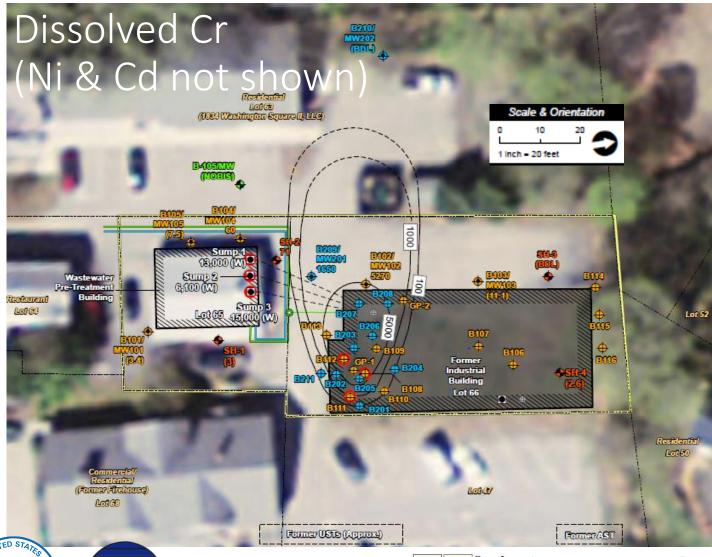




















Project Stalled, the Town Took it on: Potential Relief for Village Parking Woes











Additional Investigations: PFAS in Groundwater

Per- and Poly-Fluorinated Alkyl Substances (PFAS) in Groundwater

п			AOC 2			AOC 6			LOT 52	LOT 47
Loc	ATION		MW102	MW103	MW105	SH-2	SH-3	MW202	MW301	MW302
PFAS Analyte	SAMPLING DATE	AGQS				Concentration	ons in μg/L			
Perfluorohexanesulfonic Acid (PFHxS)	7/17&18/2017	0.018	0.237	NA	NA	0.234	NA	NA	NI	NI
	9/21/2017	1	0.140	NA	0.196	NA	0.806	0.00255	NI	NI
	1/3/2018		NA	0.165	NA	NA	NA	NA	0.00278	0.0576
Perfluorooctanoic Acid (PFOA)	7/17&18/2017	0.012	0.0802	NA	NA	0.070	NA	NA	NI	NI
	9/21/2017]	0.0444	NA	0.0368	NA	1.070	0.0258	NI	NI
	1/3/2018		NA	0.0662	NA	NA	NA	NA	0.00413	0.00816
Perfluorononanoic Acid (PFNA)	7/17&18/2017	0.011	0.00037	NA	NA	0.0006	NA	NA	NI	NI
	9/21/2017	1	nd (0.00172)	NA	nd (0.00178)	NA	nd (0.00454)	nd (0.00178)	NI	NI
	1/3/2018]	NA	nd (0.00185)	NA	NA	NA	NA	nd (0.00178)	nd (0.00185)
Perfluorooctane sulfonate (PFOS)	7/17&18/2017	0.015	7.08	NA	NA	1.62	NA	NA	NI	NI
	9/21/2017]	3.130	NA	0.0274	NA	0.0904	0.00582	NI	NI
	1/3/2018		NA	0.915	NA	NA	NA	NA	0.00357	nd (0.00185)









Remedial Alternatives Rankings

		DECISION CRITERIA							
		Overall Protection of Human Health and the Environmental	Technical Practicality	Ability to Implement	Reduction of Toxicity, Mobility, and Volume	Short Term Effectiveness	Resiliency to Climate Change Conditions	Preliminary Costs	
	ALTERNATIVES		DECISION CRITERIA WEIGHTING FACTOR						
		4	3	3	3	3	1	3	TOTALS
1.	Monitored Natural Attenuation (with surface soils removal for paving)	2	5	5	2	3	5	4	70
2.	Excavate and Dispose of Soils with SRS Exceedances	5	3	4	5	5	5	2	82
	Excavate and Dispose of Soils to Reduce Leaching Potential, Manage Soils in Place	3	2	2	3	4	5	3	59

*ABCA/RAP included caveats regarding PFAS (regulatory and cost uncertainties)









Selected Alternative Remedial Cost Estimate

Excavate and Dispose of Soils with SRS Exceedances	Number	Units	Unit Cost	Total
HBM Abatement & Demolition				
Design, abatement, materials removal/disposal, demolition, and oversight	1	LS	\$62,500	\$62,500
Soil Excavation				
Excavation, disposal, and backfilling	1	LS	\$211,350	\$211,350
Monitoring				
Assumes 15 years of monitoring (cannot be funded through EPA clean-up grants)	1	LS	\$81,697	\$81,697
Engineering				
Design, oversight, RPI lab analyses and closure report, Groundwater Management Permit	1	LS	\$62,516	\$62,516
Programmatic Costs for grant-funded projects, assuming two grants, if applicable.	1	LS	\$30,000	\$30,000
			Subtotal:	\$448,063
		Conti	ngency 20%:	\$89,613
TOTAL				\$537,676

Notes:

- 1. HBM = Hazardous Building Materials, LS = Lump Sum, RPI = Remedial Plan Implementation
- Costs for Hazardous Building Materials Remediation assumes that all asbestos, lead-based paint, and universal wastes are abated and removed from the site. Sumps and area cleaned and wastes disposed of. Building demolished.
- 3. Costs to construct a parking lot are not included nor are costs for possible PFAS investigations, former Teflon tank areas soil excavation and disposal, and monitoring other than 5 wells, periodically, under "Monitoring".
- 4. See basis calculations in Appendix C for general assumptions. All costs are engineering order-of-magnitude estimates for the purpose of alternatives comparison based on information available at the time of this report. Actual bid costs may deviate from the estimates provided herein.
- 5. If all Site soils budgeted for excavation are disposed as hazardous and contain PFAS, then estimated disposal cost increases by \$160,000.
- Cost shown for monitoring is a present-worth estimate assuming 3% inflation, 5% return on investment, and no permit fees (i.e., municipally owned).









Funding











Property Purchase (Escrow \$175K)

Book:3052 Page:79

Upon Recording Return to: Frasca No.293

01/03/2019 10:21:42 AM Page 1 of 4 E Doc # 1900054 Register of Deeds, Cheshire County Book 3052 Page 79

LCHIP

RSA 78-B:2, I - Exception to Real Estate Transfer Tax \$0.00 EXEMPT

KNOW ALL MEN BY THESE PRESENTS That I, Marianne Westberg, of 500 Cromwell Court, County of Middlesex and State of Connecticut, 06475, Administrator of the Estate of Nils A. Westberg, by License, Order, and the power conferred by the 8th Circuit - Probate Division - Cheshire County, Docket #313-2015-ET-00514, and by every other power, for consideration paid, grants to The Town of Walpole, a political subdivision of the State of New Hampshire, acting by and through its duly authorized Selectboard, with an address of 34 Elm Street, Walpole, County of Cheshire and State of New Hampshire 03608, WITH Quitclaim Covenants, the following described three tracts (3) tracts or parcels of land situated in Walpole, Cheshire County, New Hampshire, more particularly described as follows:

A certain tract of land, with the buildings thereon, situate in Walpole, County of Cheshire TRACT 1:

and State of New Hampshire, bounded and described as follows: eginning at an iron pin situated in the easterly line of land now or formerly of Boynton at Company of other land now or formerly of Galloway, being the southwest corner of the

Environmental OF WALPOLE

Services

New Hampshire







NH DES Grant Application

NHDES-S-02-016



BROWNFIELDS PROGRAM CLEANUP GRANT APPLICATION **Brownfields Revolving Loan Fund**



The New Hampshire Department of Environmental Services (NHDES) currently administers a Brownfields Revolving Loan Fund (RLF) for the purpose of providing financial support for the cleanup and redevelopment of contaminated properties. In our continuing effort to get Brownfield sites cleaned up and positioned for redevelopment, NHDES is making available \$400,000 for two or more cleanup grants and is hereby soliciting applications from interested eligible entities. Individual grants will be limited to no more than \$200,000 per site. Priority consideration will be given to projects that are ready or near ready for cleanup and redevelopment plans have, at a minimum, been conceptualized.

Mailing Address: P.O. Box 729 City/Town: Walpole	state: NH Zip Code: 03608 E-mail: sdowning@walpolenh.us Title: Chair, Select Board
Telephone No.: 603-756-3672 Contact Person: Peggy Pschirrer Contact's Telephone No.: 603-756-4138	E-mail: 605andersonpl@gmail.com
Check applicable box: Local government Quasi-governmental entity Regional council	 □ Redevelopment agency □ Tribal government □ Non-profit organization □ Other, describe:









NH DES Conditional Award (\$100K) The State of New Hampshire SERVICES





DEPARTMENT OF ENVIRONMENTAL SERVICES



Robert R. Scott, Commissioner

EMAIL ONLY

January 8, 2019

Peggy Pschirrer, Selectboard Chair Town of Walpole PO Box 729 Walpole, NH 03608

Subject:

Walpole - Central Plating Site, 12 Westminster Street

DES Site #199806071, Project #38111

Brownfields Revolving Loan Fund - Cleanup Grant

Dear Ms. Pschirrer:

The New Hampshire Department of Environmental Services (NHDES) is pleased to inform the Town of Walpole of our intent to award a cleanup grant from New Hampshire's Brownfields Revolving Loan Fund (RLF). NHDES intends to award up to \$100,000 for the purpose of funding a portion of the remediation of the Central Plating Site located in Walpole, New Hampshire. Specifically, the funding will be used for contaminated soil transportation and

Please note that this grant is contingent upon obtaining funding for the balance of the cleanup project from alternative sources (e.g., an EPA Brownfields Cleanup Grant). Furthermore, disposal. NHDES' grant is intended to fill any funding gaps for this project. As such, should the Town of Walpole be successful in being awarded an EPA Brownfields Cleanup Grant, those funds shall be expended first before requesting the disbursement of funds from NHDES.











U.S. EPA Brownfields Cleanup Grant

EPA New England FY2019 Brownfields Grant Guidelines Workshop

DECEMBER 6, 2018 – CHELMSFORD, MA
DECEMBER 10, 2018 – MANCHESTER, NH
DECEMBER 11, 2018 – EAST HARTFORD, CT
DECEMBER 12, 2018 – PROVIDENCE, RI
DECEMBER 13, 2018 – PORTLAND, ME
DECEMBER 17, 2018 – MONTPELIER, VT











Key Ingredients + Communication + Adhering to the EPA's Guidelines

Are you teetering on the edge? How do I get started?

2



Brownfield success is about people. The most successful localities establish brownfields project teams, led by strong leaders from local government. Project teams should include:

- Prominent local leaders
- Brownfields "champions"
- Developers/Potential Funders
- Environmental Consultants
- Regional Planning Commissions
- Local Citizens –buy in, what do they want their community to look like in the future?
- Who else may be interested in this space?

- Source: Mindy Bubier - NH DES Presentation











Public Meeting: Grant Application / ABCA / Comments & Responses



603-352-7040

603-352-7040

on-site RECs were confirmed that will require source reduction and groundwater monitoring and management; and (3) offsite sources of groundwater impacts were characterized. The confirmed on-site RECs include two areas of chromium (both hexavalent, i.e., carcinogenic, and trivalent) impacted soils: one estimated 550 ton mass of soils beneath the Former Industrial Building chromium and nickel plating areas that extends from the ground surface to over 17 feet below grade on Lot 66; and one estimated 215 ton mass of soils beneath several wastewater sumps under the Wastewater Pre-Treatment Building on Lot 65. For exposed dirt (i.e., the soils beneath the former plating area slab), contaminant concentrations of chromium were generally highest near the ground surface and are a human exposure risk through dust inhalation (if disturbed), dermal contact and ingestion. Contaminant concentrations in these near surface soils are more than 10 times higher than risk-based exposure standards. Groundwater impacts above regulatory standards (notably for chromium, nickel, cadmium and PFAS) were documented in groundwater samples from on Site monitoring wells and the plumes are inferred to extend off-site onto the west-abutting residential property. Two primary groundwater sources of PFAS are inferred, one of which is co-located with metals impacted soils in the former plating area, and the second in the area of the former aboveground Teflon storage tank, both on Lot 66.



uto/Boat

ound ads are







Grant Application Preparation & Submittal TOWN OF WALPOLE

New Hampshire OFFICE OF THE SELECTBOARD

NARRATIVE INFORMATION SHEET - FY19 GUIDELINES FOR BROWNFIELDS CLEANUP

GRANTS, RFP No. EPA-OLEM-OBLR-18-07

1. APPLICANT IDENTIFICATION

Town of Walpole Selectboard PO Box 729 Walpole, NH 03608

2. FUNDING REQUESTED

The Grant is being sought for Single Site Clean-up. The Site is comprised of two small contiguous lots with common land use, ownership, and contaminant sources.

- Federal Funds Requested

 - ii. We are requesting a cost share waiver. i. \$500,000
- Contamination

Contamination is Hazardous Substances.

Town of Walpole, Cheshire County, New Hampshire

4. PROPERTY INFORMATION

entral Plating Site (Lot 65 and 66 on Map 20)

Westmenster Street

Environmental Services







Implementation











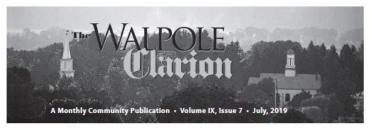












"A Great Day for Walpole!"

Walpole Receives \$500,000 Grant from EPA



On June 5, Walpole was one of 149 communities selected by the United States Environmental Protection Agency (EPA) to receive one of its grant awards that this year totaled \$564,623,535 for Brownfields funding through the Multipurpose, Assessment, and Cleanup (MAC) Grant Programs. Walpole was one of four New Hampshire communities to receive a grant, and the only New Hampshire town to receive funds for cleanup work. A check for \$500,000 was presented to Walpole at a ceremony in Nashua. Grants to New Hampshire totalen

Walpole Historical Society Summer Festival

The Walpole Historical Society will open its doors and lawn Saturday, July 20, from 10:00 AM to 4:00 PM for its first Summer Festival.

Starting with early morning coffee, there will be a round-table discussion with a group of longtime Walpoleans, sharing memories of Walpole's 'good old days'. Tours will be conducted through the Museum's collections with historian and author Ron Patch, and tours of the architectural highlights of downtown Walpole will be led by author Bill Rapauro.

Continued on Page 2

The Central Plating Plant structures still live on in Google Earth. The now vacant property is the focus of the EPA grant.

July 4th Town Closings

- Selectboard Office (weekly board meeting, 8AM, July 3
 - Town Clerk's Office
 Town Library
 - Recycling Center

1th

51,400,000. Besides the \$500,000 to Walpole, Assessment Grants of \$300,000 each were awarded to the Nashua Regional Planning Commission; the Strafford Regional Planning Commission, and the Upper Valley Lake Sunapee Regional Planning Commission.

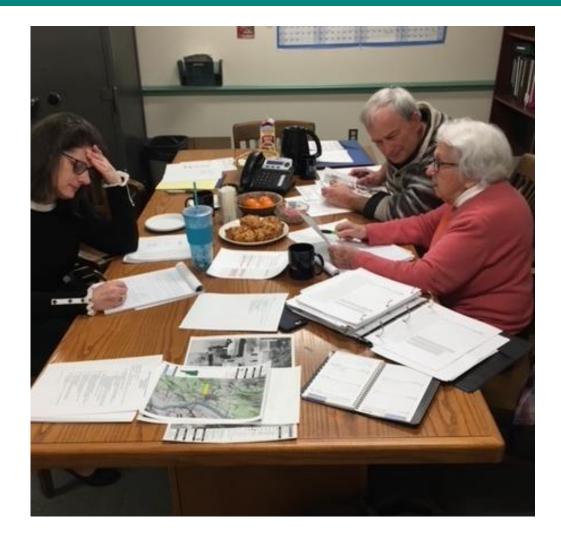
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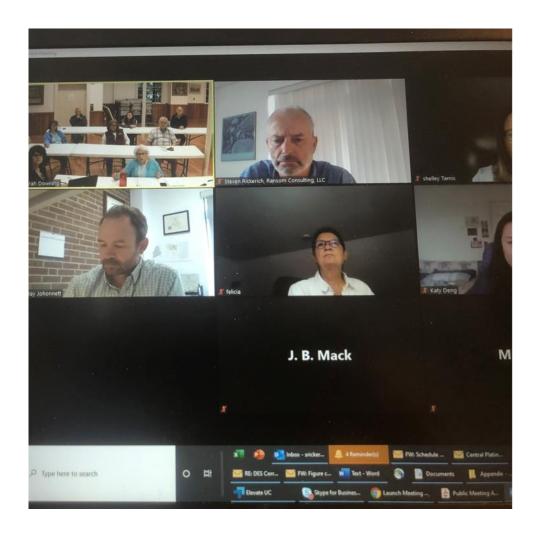








Zooming Through COVID -Public Outreach



















































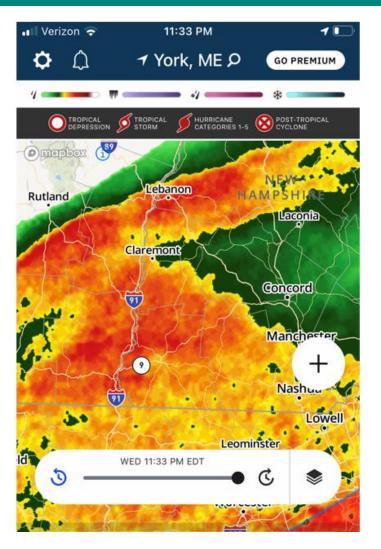


















































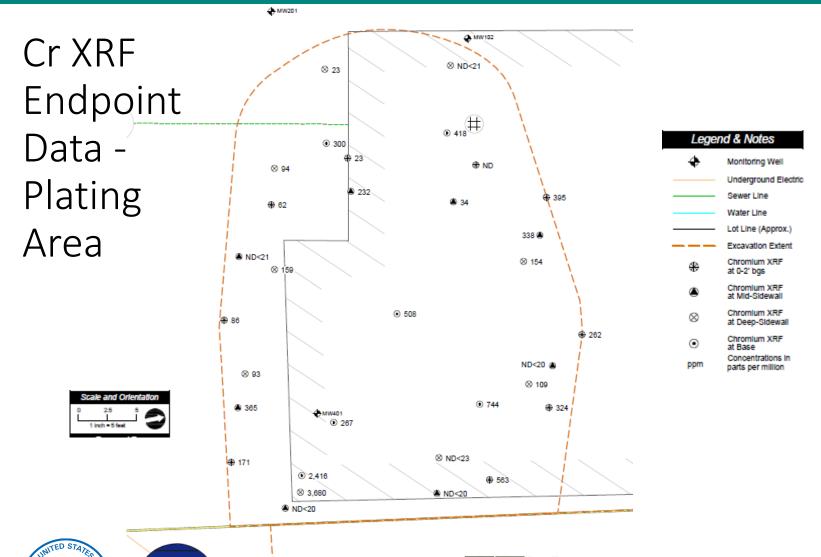










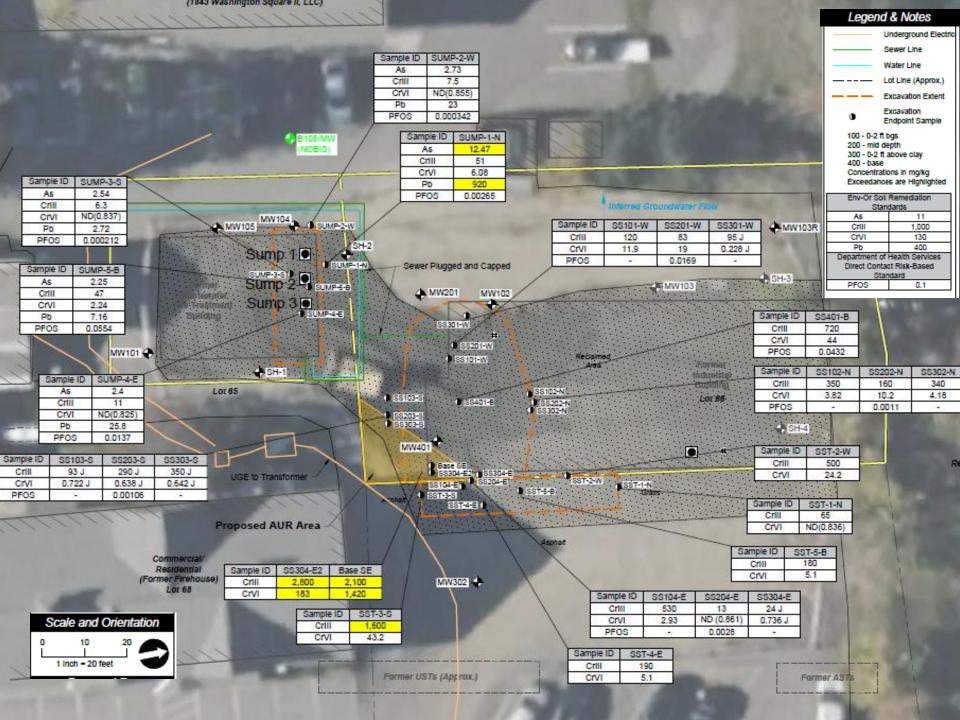










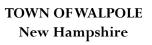


Restoration/Reuse













Restoration Discussions with Stakeholders

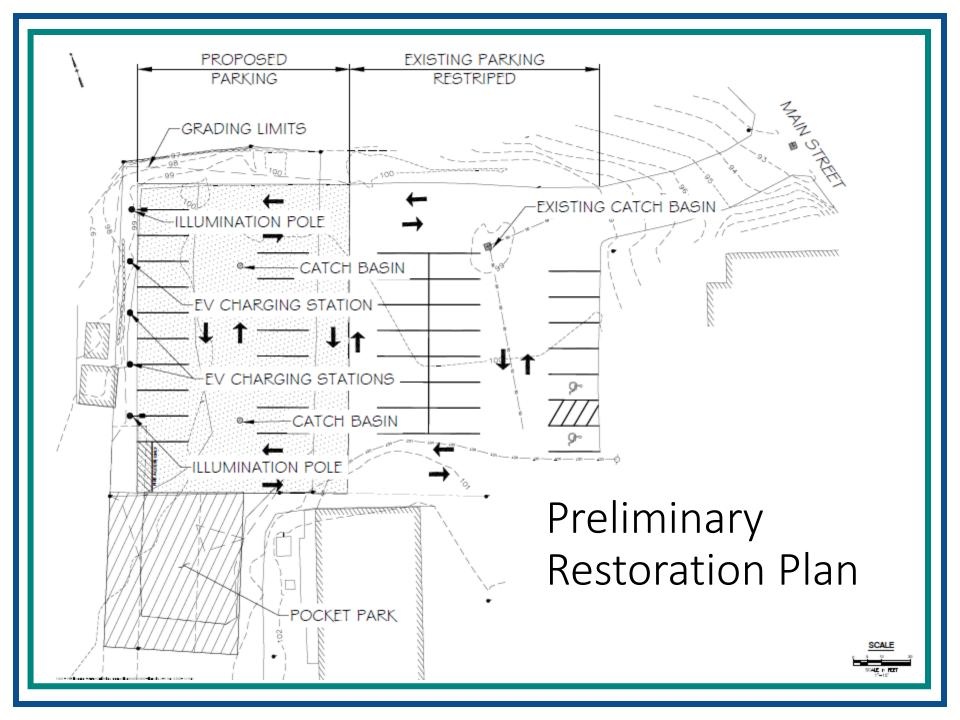












Planned Completion: Summer 2022

Questions for Mike, Peggy, J.B., or Steve?







