

DeeAar Holdings, LLC

Current Projects Using AgroRemed/VaporRemed

Dinkar Ganti

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February 17, 2021

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- ▶ Current, active projects
- ▶ Past projects
- ▶ Appendix - Reports

Site location



Figure: Site: An Abandoned Gas Station

Background

Tank

2 x 3000 gallon leaded gasoline

1 x 1000 gallon kerosene UST

1 x 2000 gallon leaded gasoline UST

2 x 8000 gallon UST

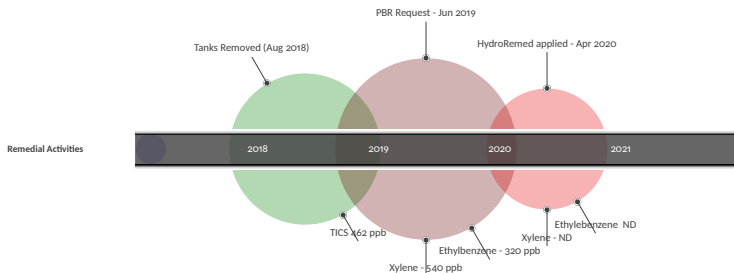
- ▶ The gas station has been abandoned for over ten (10) years.
- ▶ At the time of cleanup, the team could arrive at an estimated gas tanks.
- ▶ Tanks were removed in 2018.
- ▶ Contamination baselines were established in 2019.
- ▶ HydroRemed was added to site in April 2020.
- ▶ The hydrocarbon contamination levels have been non-detect (ND) for two samples.
- ▶ Secondary contamination has been detected and is being addressed.

Current State : The monitoring for levels of secondary contamination is continuing.

Mays Landing - Remediation Timeline contd.

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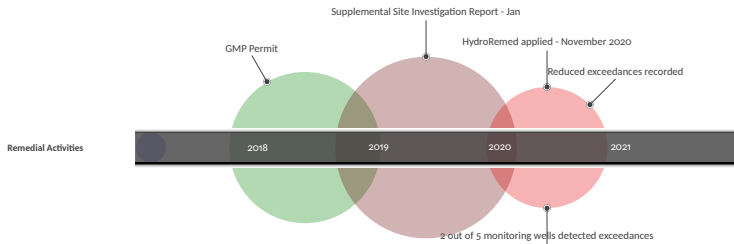


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Antrim NH - Remediation Timeline contd.

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Past Projects using AgroRemed/HydroRemed



- ▶ UST decommissioning and complex soil-only risk-based cleanup, Portland OR

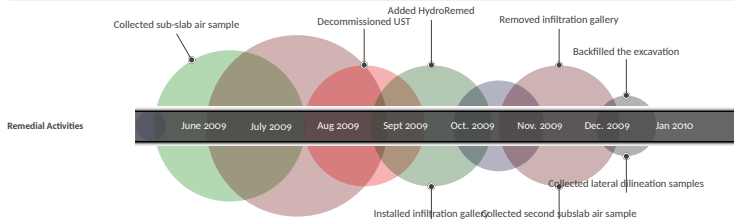
UST Decommissioning and Complex Soil-only Risk-based Cleanup

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... As suggested by the results of the second sub-slab air sample, the microbes were particularly successful in degrading the plume beneath the basement slab.

[Please click on this link for details.](#)



References from [Sarva Bio Remed's online shop](#), with their permission.

- ▶ Cleanup of contaminated soil at ANA Shipyard, 2006
- ▶ Corrective Action Plan VDEQ PC#911427
- ▶ Corrective Action Plan - VDEQ PC#972073
- ▶ Corrective Action Plan VDEQ PC# 055074
- ▶ PADEP closure report documenting removal of one 500-gallon tank and two 1000-gallon tanks

Our group specializes in bioremediation of contaminated properties such as,

- ▶ abandoned gas stations;
- ▶ and properties contaminated with TCE/PCE.

We strive reduce the time-to-market for contaminated properties to realize value to our clients.

- ▶ - Dinkar Ganti, Lead Developer, DeeAar Holdings, LLC.



ANALYTE	CAS	SAMPLE ID		TIME-1		
		LAB ID		L180100-01		
		COLLECTION DATE		12/17/2018		
		SAMPLE DEPTH		WATER		
		N11 PL (PQL)				
		(g/g)	Cont	Q	ML	ML
MICROEXTRACTABLES BY GC						
VOLATILE ORGANICS BY GC/MS						
Acetone	71-43-3	1	ND	0.5	0.16	
Butane	108-98-3	1	ND	0.16	0.2	
Chloroform	67-66-3	2	ND	0.5	0.17	
Diethyl ether	105-106-8	1	ND	1	0.13	
Hexane	110-52-7	2	ND	5	0.33	
Isobutane	109-66-7	1	2.05	3	0.33	
Octane	87-02-1	10	3.5	3	1.5	
Carbon disulfide	75-13-5	1	ND	1	0.2	
Trichloroethene	79-06-9	2	ND	1	1.9	
VOLATILE ORGANICS BY GC/MS-TIC						
Total VOC Compounds		-	-	-	-	-
BASE/NEUTRAL EXTRACTABLES BY GC/MS- WESTBROOK LAB						
Acetophenone	91-20-3	10	ND	2	0.65	
Acetone	67-59-5	7	1.9	3	0.68	
Methylcyclopentadiene	121-45-7	3	2.6	2	1.5	
Phenol	108-95-2	1	ND	2	0.63	
Phenylacetylene	85-01-6	1	ND	2	0.33	
Styrene	103-68-6	1	ND	2	0.5	
2-Methylcyclopentadiene	81-57-4	1	ND	2	0.65	
1,4-Dioxane	107-11-9	1	ND	2	0.68	
BASE/NEUTRAL EXTRACTABLES BY GC/MS- WESTBROOK LAB-TIC						
Total VOC Compounds		162	3	0	0	0
BASE/NEUTRAL EXTRACTABLES BY GC/MS-SM						
Benzo[a]anthracene	96-10-3	0.1	0.1	0.1	0.02	
Benzo[a]pyrene	50-12-6	0.1	0.09	2	0.02	
Benzo[b]fluoranthene	205-99-3	0.1	0.19	0.1	0.02	
Benzo[b]fluoranthene	207-08-6	0.1	0.09	2	0.02	
Benzo[k]fluoranthene	79-70-9	0.1	0.1	1	0.02	
Indeno[1,2,3-cd]pyrene	183-39-5	0.2	0.09	2	0.02	

* Comparison is not performed on parameters with non-detectable criteria.

Eight Wastepack Clinic, Westbrook, ME 02153-0153
 208-896-6220 • fax: 208-896-6243 800-824-6220
 www.eightwastepack.com

Figure: Concentration Levels, ML : Dec 2018

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Figure: Concentration Levels, ML : Jun 2019

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Eight Walkup Drive, Westborough, MA 01581-1019
508-866-6220 (Fax) 508-866-6292 800-624-6220 -
www.strohlab.com

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June 24, 2020

Permits Coordinator
CR Remediation and Compliance Bureau
New Hampshire Department of Environmental Services
28 Hazen Drive, P.O. Box 95
Concord, NH 03302-0095

Subject: April 2020 Groundwater Management Permit Data Submit, Dissolved
Contaminant Plume Delineation Report, and 2019 Periodic Summary Report: Mr. Mike's
Arrest, 74 Main Street, Arden, New Hampshire (NHDES #18060414, LUST Project
#0006764)

Dear Coordinator:

Groundwater sampling was completed at the Mr. Mike's Arrest site on April 6, 2020, following the
expansion of the groundwater monitoring well network on March 11 & 18, 2020. This report
contains the following three parts:

1. An April 2020 Groundwater Management Permit (GMP) Data Submit, which
authorizes sampling results for three pre-existing and one newly-installed onsite
monitoring wells (MWs) and three newly-installed offsite MWs, located at adjacent
properties to the north and south of the site;
2. A Dissolved Contaminant Plume Delineation Report, which includes a summary of recent
monitoring well installations, as requested by NHDES in the April 23, 2019 reply letter to
MGA's Supplemental Site Investigation Report, submitted January 26, 2019; and
3. A Periodic Summary Report, which includes a presentation of groundwater quality data
for the period 2017-2020, groundwater data trends, groundwater gradients, petroleum
contaminant distributions, human exposure information, an updated conceptual site
model, and recommendations for further site activities.

Figure: Snapshot of the report submitted in June 2020, AN

This document presents a high-level overview. Details are available for review.



Thank you for your time!