

## **Environmental Remediation Group**

Olin Corporation 490 Stuart Road NE Cleveland, TN 37312 ETBowen@olin.com Phone: 203-887-4353

February 13, 2025

Ms. Melanie Morash and Mr. Christopher Kelly U. S. Environmental Protection Agency (USEPA), Region 1 5 Post Office Square, Suite 100 Mail Stop OSRR07-4, Boston, MA 02109-3912

RE: DAPL & Groundwater Hot Spot Pre-Design Investigation Schedule

Olin Chemical Superfund Site 51 Eames Street, Wilmington, MA

Dear Ms. Morash & Mr. Kelly:

Enclosed is the DAPL & Groundwater Hot Spot Pre-Design Investigation (PDI) schedule for the Olin Chemical Superfund Site (the Site) in Wilmington, MA. The schedule was developed pursuant to requirements of the September 28, 2023 United States District Court, District of Massachusetts Consent Decree (CD) and Statement of Work (SOW), and summarizes field work and reporting activities described in the DAPL & Groundwater Hot Spot PDI Work Plan submitted on February 4, 2025.

If you have questions about the attached schedule or would like to discuss, please contact me by phone at (203) 887-4353 or via email at <a href="mailto:ETBowen@Olin.com">ETBowen@Olin.com</a>.

Sincerely,

**OLIN CORPORATION** 

Elizabeth T. Bowen

Principal, Environmental Remediation

**Enclosure:** 

**DAPL & Groundwater Hot Spot Pre-Design Investigation Schedule** 

Cc: Garry Waldeck – Massachusetts Department of Environmental Protection

Seth Schofield – Commonwealth of Massachusetts Office of the Attorney General

James Cashwell – Olin Corporation
John Rice, Nelson Walter – WSP USA

DAPL and Groundwater Hot Spots Predesign Investigation Schedule Olin Chemical Superfund Site 51, Eames Street, Wilmington, MA																	
Task Name   Final PDI Work Plan Submittal	Duration 1 day	Predecessors	Start Tue 2/4/25	Finish Tue 2/4/25	Quarter -1	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 5	Quarter 6	Quarter 7	Quarter 8	Quarter 9	Quarter 10	Quarter 11	Quarter 12
2 USEPA Final Approval	42 days	1	Wed 2/5/25	Wed 3/19/25			<b>—</b>										
3 PDI PREPARATION ACTIVITIES	2.71 mons		Thu 3/20/25	Thu 6/12/25			EPARATION A	CTIVITIES									
4 PDI Field Preparation, Procurement, Contracting	60 days	2	Thu 3/20/25	Sun 5/18/25													
5 Property Access Agreements	80 days	2	Mon 3/24/25	Thu 6/12/25				<b>-</b>									
6 PDI PROGRAM	23 mons		Fri 6/13/25	Fri 6/25/27		PDI PROGRAM 23 ma											
7 Well Installation & Development	3.19 mons		Fri 6/13/25	Mon 9/22/25			Well	Installation & Dev	velopment								
8 Utility Locates and Predrilling Activities	23 days	5	Fri 6/13/25	Mon 7/7/25				<b>)</b>									
9 Monitoring Well (GW-500 M/D, GW-501 M/D, GW-502 M/D) NDMA Characterization, USEPA Concurrence, Well Installation and Development	42 days	8	Tue 7/8/25	Mon 8/18/25				<b>*</b>									
Multiport Well Installation and Development	9 days	9SS+35 days	Tue 8/12/25	Wed 8/20/25													
Induction Logging Well Installation (ILW-3, ILW-4, ILW-5, ILW-6, ILW-7, ILW-8)	14 days	-	Fri 8/15/25	Thu 8/28/25				<b>—</b>									
12 Pilot Borings (HTW-1, HTW-2, EW-2, HEW-1, HEW-2), Grain Size Analysis, Well Design Confirmation, USEPA Concurrence, and Procurement	42 days	8	Tue 7/8/25	Mon 8/18/25													
DAPL Hydraulic Testing Well (HTW-1, HTW-2, EW-2) Installation and Development	20 days	12	Tue 8/19/25	Mon 9/8/25					I								
Hot Spot Groundwater Well (HEW-1, HEW-2) Installation and Development	21 days	13SS+13 days	Tue 9/2/25	Mon 9/22/25													
15 Hydraulic Testing - Slug Tests, Step Drawdown Tests	6.23 mons		Tue 9/23/25	Tue 4/14/26				Hydr	aulic Testing - SI	lug Tests, Step Dra	awdown Tests						
16 Hot Spot Groundwater Step Drawdown Tests	7 days	14	Tue 9/23/25	Mon 9/29/25													
17 DAPL Step Drawdown Tests	72 days	16	Tue 9/30/25	Sun 12/14/25						<b>I</b> h							
MMB Slug Test (after Site Wide Monitoring Sampling), Data Review, and USEPA Approval	22 days		Mon 3/2/26	Mon 3/23/26							<b>I</b>						
19 MMB Step Drawdown Tests	22 days	18	Tue 3/24/26	Tue 4/14/26							<b>→</b>						
20 Hydraulic Testing - Constant Rate Tests	9 mons		Tue 9/8/26	Fri 6/25/27									Hydraulic	Testing - Consta	nt Rate Tests	-	
21 Hot Spot Groundwater Constant Rate Tests	14 days	31SS	Tue 9/8/26	Mon 9/21/26													
DAPL Constant Rate Tests	8.55 mons	21	Tue 9/22/26	Fri 6/25/27													
23 Pilot Operations	9 mons		Tue 9/8/26	Fri 6/25/27										Pilot Operation	s	-	
Pilot Operations	279 days	31SS	Tue 9/8/26	Fri 6/25/27									0				
25 TREATMENT SYSTEM PDI PROGRAM	22.97 mons	s	Fri 6/13/25	Thu 6/24/27						TRI	EATMENT SYS	FEM PDI PRO	GRAM			_	
Pilot Test Design & Work Plan Development	168 days	5	Fri 6/13/25	Thu 12/4/25				<b>)</b>	J-								
Finalize Design Based on Hydraulic Testing Data and Submit Work Plan to USEPA	60 days	17	Mon 12/15/25	Thu 2/19/26						<b>)</b>							
28 USEPA Review and Approval	45 days	27	Fri 2/20/26	Sun 4/5/26							<u> </u>						
Pilot Test Initial Procurement & Contracting	115 days	26	Fri 12/5/25	Sun 4/5/26					<b>\</b>								
30 Pilot System Construction	150 days	29,28	Tue 4/7/26	Sun 9/6/26									h				
31 Pilot System Operations	278 days	30	Tue 9/8/26	Thu 6/24/27								Ţ	1			<b>—</b>	
32 DATA ANALYSIS AND REPORTING	3.39 mons		Fri 6/25/27	Sat 10/9/27											DATA A	ANALYSIS AND	REPORTING
Data Analysis and Reporting	105 days	31	Fri 6/25/27	Sat 10/9/27												<b>)</b>	
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Geosyntec Consultants Inc.

Final Work Plan