

Daily Application Log for Spring Lake, MI Alum Application - 2025

Alum Target Dose (gal)	Gallons Remaining	% Complete
526,500	-326	100.06
SA Target Dose (gal)	Gallons Remaining	% Complete
263,225	-427	100.16
Target Acres		
650		

					Small Barge				Large Barge				Total (Small Barge + Large Barge)				Notes
Date	Lake	Hours of Application	Alum Truck Deliveries	SA Truck Deliveries	Alum Applied (gal)	SA Applied (gal)	Alum to SA Ratio	Acres Covered (ac)	Alum Applied (gal)	SA Applied (gal)	Alum to SA Ratio	Acres Covered (ac)	Alum Applied (gal)	SA Applied (gal)	Alum to SA Ratio	Acres Covered (ac)	
4/28/25	Spring	8:25 - 20:45	5	3	12,803	6,432	1.99	47.1	0	0		0.0	12,803	6,432	1.99	47.1	First day of application
4/29/25	Spring	17:20 -21:20	5	3	6,401	3,199	2.00	23.5	0	0		0.0	6,401	3,199	2.00	23.5	Application delayed due to high wind speeds
4/30/25	Spring	7:25 - 20:45	5	3	30,020	15,025	2.00	110.5	0	0		0.0	30,020	15,025	2.00	110.5	
5/1/25	Spring	7:35 - 17:40	3	1	15,073	7,505	2.01	56.5	0	0		0.0	15,073	7,505	2.01	56.5	
5/2/25	Spring	7:35 - 18:15	5	3	16,904	8,472	2.00	63.0	0	0		0.0	16,904	8,472	2.00	63.0	
5/3/25	Spring	7:35 - 18:40	5	3	15,433	7,689	2.01	57.1	0	0		0.0	15,433	7,689	2.01	57.1	
5/4/25	Spring	7:25 - 21:00	3	1	17,923	8,952	2.00	66.3	0	0		0.0	17,923	8,952	2.00	66.3	
5/5/25	Spring	7:25 - 16:55	5	4	9,441	4,707	2.01	35.0	10,881	5,454	2.00	26.9	20,322	10,161	2.00	61.9	
5/6/25	Spring	7:20 - 17:00	5	3	11,506	5,753	2.00	42.0	18,135	9,090	2.00	44.0	29,641	14,843	2.00	86.0	
5/7/25	Spring	7:30 - 17:15	6	4	6,870	3,450	1.99	25.3	7,984	3,997	2.00	19.4	14,854	7,447	1.99	44.7	
5/8/25	Spring	7:15 - 20:15	7	3	13,740	6,880	2.00	50.7	23,587	11,794	2.00	57.3	37,327	18,674	2.00	108.0	
5/9/25	Spring	7:15 -18:45	8	4	8,015	4,011	2.00	29.6	24,016	11,995	2.00	58.6	32,031	16,006	2.00	88.2	
5/10/25	Spring	8:10 - 19:45	7	4	8,026	4,015	2.00	29.8	24,032	12,025	2.00	58.4	32,058	16,040	2.00	88.2	
5/11/25	Spring	7:20 - 17:20	4	3	6,525	3,265	2.00	24.0	15,996	7,999	2.00	39.1	22,521	11,264	2.00	63.1	
5/12/25	Spring	7:15 - 19:20	7	4	6,926	3,465	2.00	25.5	24,041	12,025	2.00	58.6	30,967	15,490	2.00	84.1	
5/13/25	Spring	7:15 - 19:40	8	4	6,856	3,428	2.00	25.4	20,014	10,001	2.00	48.6	26,870	13,429	2.00	74.0	
5/14/25	Spring	6:55 - 18:45	8	4	6,892	3,428	2.01	25.5	24,031	12,020	2.00	58.7	30,923	15,448	2.00	84.2	
5/15/25	Spring	7:00 - 17:55	8	4	10,305	5,165	2.00	37.9	20,508	10,199	2.01	50.0	30,813	15,364	2.01	87.9	
5/16/25	Spring	6:40 - 14:35	8	4	4,580	2,292	2.00	17.0	20,080	10,012	2.01	48.9	24,660	12,304	2.00	65.9	Application stopped early due to high wind speeds
5/17/25	Spring		0	0	0	0		0.0	0	0		0.0	0	0		0.0	No application due to high wind speeds
5/18/25	Spring	7:15 - 18:55	8	4	9,114	4,545	2.01	33.4	24,116	12,050	2.00	58.9	33,230	16,595	2.00	92.3	
5/19/25	Spring	6:55 - 19:45	3	4	2,290	1,146	2.00	8.5	24,076	12,033	2.00	58.6	26,366	13,179	2.00	67.1	
5/20/25	Spring	7:55 - 12:05	3	0	0	0		0.0	7,950	4,125	1.93	19.8	7,950	4,125	1.93	19.8	Application stopped early due to high wind speeds
5/21/25	Spring	7:30 - 13:55	1	0	0	0		0.0	11,736	6,009	1.95	28.7	11,736	6,009	1.95	28.7	Application completed
Total			127	70	225,643	112,824	2.00	833.6	301,183	150,828	2.00	734.5	526,826	263,652	2.00	1,568.1	