

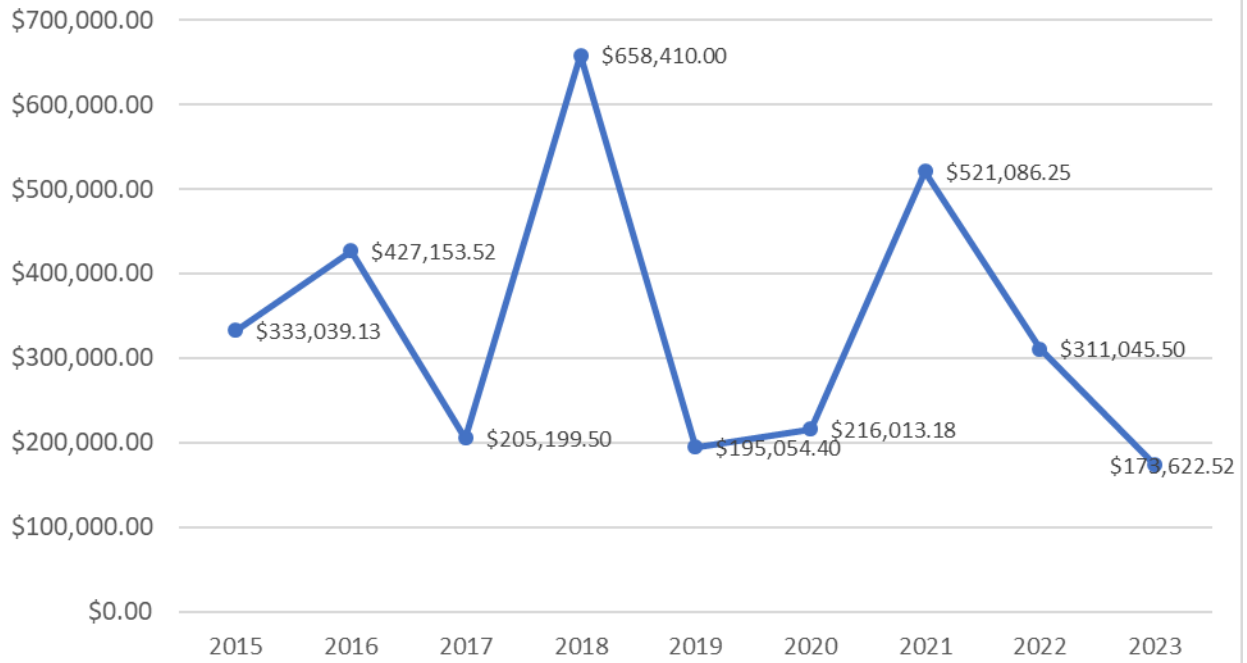
Houghton Lake Treatment History

Year	Date	Product	target species	Rate/Acre	unit	Acre s	Total Product	unit	% active ingredi-ent	Total active used	unit	
2023	15-Jun	Aquathal K	CLP/EWM	1.5	gals	74.67	11.5	gals	40.30%	4.6	gals	
		Flumioxazin	EWM/SSW	1.33	lbs	62	82.5	lbs	51%	42	lbs	
		Diquat	EWM/CLP	1.42	gal	68.52	89	gals	37.30%	33.9	gals	
	29-Jun	Diquat	EWM	1	gal	0.25	0.25	gals	37.30%	0.09	gals	
	18-Jul	ProcellaCOR	EWM	54.42	oz	27.5	1496.39	oz	2.70%	40.4	oz	
		Renovate 3	EWM	4.5	gals	309	1410	gals	44.40%	626.04	gals	
		Flumioxazin	SSW/EWM	3	lbs	6.6	20	lbs	51%	10.2	lbs	
	9-Aug	SeClear G	Pl. Algae	20	lbs	9	180	lbs	58.90%	106	lbs	
	2022	23-Jun	Flumioxazin	EWM	1.26	lbs	55	70	lbs	51%	35.7	lbs
		Diquat	EWM	1	gal		55	gal	37.30%	20.51	gal	
29-Jun		Flumioxazin	EWM	1.5	lbs	2.6	4	lbs	51%	2.04	lbs	
		Diquat	EWM	1.5	gal		4	gal	37.30%	1.49	gal	
14-Jul		Renovate 3	EWM	1	gal	107	321	gal	44.40%	142.5	gal	
		Renovate 3	EWM	1.334	gal	349	1396	gal	44.40%	619.82	gal	
		Renovate 3	EWM	1.667	gal	95	475	gal	44.40%	210.9	gal	
16-Aug		Flumioxazin	EWM	3	lbs	1.167	3.5	lbs	51%	1.78	gal	
		Diquat	EWM	1	gal	0.25	0.25	gal	37.30%	0.093	gal	
		Renovate 3	EWM	6	gal	215	1290	gal	44.40%	572.76	gal	
23-Aug		Renovate 3	EWM	5	gal	27	135	gal	44.40%	59.94	gal	
		Sculpin G	EWM	200	lbs	5	1000	lbs	20%	200	lbs	
2021		15-Jun	Flumioxazin	EWM	3	lbs	14.5	64	lbs	51%	32.64	lbs
			Diquat	EWM	1	gal	14.5	14.5	gal	37.30%	5.4	gal
			SeClear G	SSW/Algae	20	lbs	2.5	50	lbs	58.90%	29.45	lbs
	16-Jun	Flumioxazin	EWM	3	lbs	3.34	10	lbs	51%	5.1	lbs	
		Renovate 3	EWM	5	gal	100	500	gal	44.40%	222	gals	
		Renovate 3	EWM	4	gal	400	1600	gal	44.40%	710.4	gals	
		Diquat	EWM	0.5	gal	500	250	gal	37.30%	93.25	gals	
		Diquat	EWM	1	gal	1.5	1.5	gal	37.30%	0.55	gals	
	24-Jun	Flumioxazin	EWM	3	lbs	6	18	lbs	51%	9.18	gals	
		Diquat	EWM	1.5	gal	5	7.5	gal	37.30%	2.79	gals	
	8-Jul	Flumioxazin	EWM	3	lbs	2.67	8	lbs	51%	4	lbs	
		Diquat	EWM	1	gals	2.5	2.5	gal	37.30%	0.93	gal	
		Phoslock	Phosphorus	45.5	lbs	24.8	1127.5	lbs				
	14-Jul	Sculpin G	EWM	240	lbs	50	12000	lbs	20%	2400	lbs	
		SeClear G	Algae	20	lbs	3.25	65	lbs	58.90%	38.28	lbs	
	2-Aug	Phoslock	Phosphorus	45.5	lbs	24.8	1127.5	lbs				
	24-Aug	Flumioxazin	EWM	2.3	lbs	0.75	1.75	lbs	51%	0.89	lbs	
		Sculpin G	EWM	240	lbs	65	15600	lbs	20%	3120	lbs	
		Diquat	EWM	1	gal	0.75	0.75	gal	37.30%	0.27	gals	
31-Aug	Renovate 3	EWM	5	gal	490	2450	gal	44.40%	1087.8	gals		
	Diquat	EWM	0.5	gal	490	241	gal	37.30%	89.89	gals		
16-Sep	Flumioxazin	EWM	3	lbs	1.5	1.5	lbs	51%	0.76	gals		

Year	Date	Product	target species	Rate/ Acre	unit	Acres	Total Product	unit	% active ingredi-ent	Total active used	unit
2020	24-Jun	Flumioxazin	EWM	3.2	lbs	15	48	lbs	51%	24.48	gals
		Sculpin G	EWM	240	lbs	74	17760	lbs	20%	3552	gals
		Diquat	EWM	1	gal	15	15	gal	37.30%	5.59	gals
	29-Jun	ProcellaCOR	EWM	12.68	oz	55	697.4	oz	2.70%	18.8	oz
		Flumioxazin	EWM	3.15	lbs	37.5	118	lbs	51%	60.18	lbs
		Diquat	EWM	1	gal	32.5	32.5	gal	37.30%	12.12	gals
	27-Jul	Flumioxazin	EWM	3.2	lbs	5.8	18.5	lbs	51%	9.43	lbs
		SeClear G	SSW	50	lbs	5.7	285	lbs	58.9%	167.8	lbs
		Diquat	EWM	1	gal	4	4	gals	37.30%	1.49	gals
	30-Jul	Flumioxazin	EWM	3	lbs	2.4	7.2	lbs	51%	3.67	lbs
		Renovate OTF	EWM	80	lbs	20.5	1640	lbs	14%	229.6	lbs
		Sculpin G	EWM	240	lbs	66.67	16000	lbs	20%	3200	lbs
		Diquat	EWM	1.5	gals	2.4	3.6	gals	37.30%	1.34	gals
	3-Aug	SeClear G	SSW	50	lbs	2	100	lbs	58.90%	58.9	lbs
	1-Sep	ProcellaCOR	EWM	12.68	oz	7	88.76	oz	2.70%	23.96	oz
		Sculpin G	EWM	240	lbs	12.5	30120	lbs	20%	6024	lbs
		Diquat	EWM	1	gal	7	7	gals	37.30%	2.611	gals
2019	20-Jun	Flumioxazin	EWM	3.15	lbs	7.7	24.15	lbs	51%	12.31	lbs
	26-Jun	ProcellaCOR	EWM	15.85	oz	16	1521.6	oz	2.70%	42.14	oz
		ProcellaCOR	EWM	10.018	oz	147	7367.08	oz	2.70%	198.91	oz
		Sculpin G	EWM	240	lbs	145	34800	lbs	20%	6960	lbs
		Flumioxazin	EWM	3.12	lbs	2.5	7.8	lbs	51%	3.97	lbs
		Diquat	EWM	1.52	gals	2.5	3.8	gals	37.30%	1.41	gals
	31-Jul	Flumioxazin	EWM	3.15	lbs	3.85	12	lbs	51%	6.12	lbs
		Sculpin G	EWM	200	lbs	109	21800	lbs	20%	4360	lbs
2018	31-Jul	Flumioxazin	SSW	6.37	lbs	3.2	20	lbs	51%	10.2	lbs
		Sculpin G	EWM	220	lbs	8.7	1920	lbs	20%	384	lbs
		Diquat	EWM	1.5	gal	18	27	gal	37.30%	10.07	gals
	1-Aug	Sculpin G	EWM	200	lbs	439.8	87960	lbs	20%	17592	lbs
		Sculpin G	EWM	240	lbs	20	4800	lbs	20%	960	lbs
	8-Aug	Sculpin G	EWM	240	lbs	9	2160	lbs	20%	432	lbs
		ProcellaCOR	EWM	19.31	oz	289	5580.66	oz	2.70%	150.67	oz
		ProcellaCOR	EWM	28.53	oz	118	3366.54	oz	2.70%	90.89	oz
	14-Aug	Flumioxazin	EWM	5.99	lbs	1.67	10	lbs	51%	5.1	lbs
		Diquat	EWM	1.52	gals	3.3	5	gals	37.30%	1.865	gals
2017	9-Aug	Renovate 3	EWM	2	gals	36	71.75	gals	44.40%	31.85	gals
		Diquat	EWM	2	gals	5.38	10.75	gals	37.30%	4	gals
	9-Aug	Renovate OTF	EWM	81	lbs	50	4050	lbs	14%	567	lbs
		Renovate OTF	EWM	108	lbs	50.8	5450	lbs	14%	763	lbs
		Renovate OTF	EWM	135	lbs	100	13500	lbs	14%	1890	lbs
		Sculpin G	EWM	250	lbs	24	6000	lbs	20%	1200	lbs
	15-Aug	Flumioxazin	EWM	4	lbs	0.25	1	lb	51%	0.51	lbs
	12-Sep	Flumioxazin	EWM	3	lbs	0.033	0.1	lb	51%	0.05	lbs
	2-Oct	Sculpin G	EWM	200	lbs	210	42000	lbs	20%	8400	lbs

Year	Date	Product	target species	Rate/Acre	unit	Acres	Total Product	unit	% active ingredient	Total active used	unit
2016	7-Sep	Flumioxazin	SSW	3.15	lbs	46	145	lbs	51%	73.95	lbs
		Renovate OTF	EWM	82	lbs	63.5	5160	lbs	14%	722.4	lbs
		Sculpin G	EWM	200	lbs	41	8200	lbs	20%	1640	lbs
	14-Sep	Flumioxazin	SSW	3.15	lbs	403.9	1272.5	lbs	51%	648.97	lbs
		Renovate OTF	EWM	81	lbs	224	18144	lbs	14%	2540	lbs
		Renovate OTF	EWM	200	lbs	9.28	1856	lbs	14%	259	lbs
		Sculpin G	EWM	200	lbs	161	32200	lbs	20%	6440	lbs
	20-Sep	Renovate OTF	EWM	202	lbs	7.33	1480	lbs	14%	207	lbs
2015	10-Jun	Flumioxazin	EWM	4.77	lbs	64	101.75	lbs	51%	51.89	lbs
		Renovate OTF	EWM	180	lbs	0.88	160	lbs	14%	22.4	lbs
		Diquat	EWM	1	gal	64	64	gals	37.30%	23.87	lbs
	29-Jul	Flumioxazin	EWM	3.6	gals	0.5	0.6	lbs	51%	0.3	lbs
	6-Sep	Renovate OTF	EWM	200	lbs	100	20000	lbs	14%	2800	lbs
		Sculpin G	EWM	200	lbs	300	60000	lbs	20%	12000	lbs
	9-Sep	Sculpin G	EWM	200	lbs	200	40000	lbs	20%	8000	lbs

Cost of Treaments (with permit)



Acres of Nonnative Plants Treated Annually

