

Groundwater Analytical Results
Gold Star Mothers Park
Cambridge, MA 02141

Sample ID					MW-1	MW-1I	MW-F10	MW-C5
Sampled By								
Sample Collection Date					10/22/2025 14:00	10/22/2025 12:15	10/22/2025 12:00	10/22/2025 16:00
Laboratory Order Number					620-30542-1	620-30542-2	620-30542-3	620-30542-4
Parameter	Units	GW1	GW3	RCGW1				
Semivolatiles by 8270D								
1-Methylnaphthalene	ug/l	NA	NA	NA	< 0.0472	< 0.0463	0.349	0.0469 J
2-Methylnaphthalene	ug/l	10	20000	10	< 0.0472	0.0267 J	< 0.0481	< 0.0472
Acenaphthene	ug/l	20	10000	20	< 0.0472	< 0.0463	7.49	0.336
Acenaphthylene	ug/l	40	40	40	< 0.0472	< 0.0463	0.19	< 0.0472
Anthracene	ug/l	100	30	30	< 0.0472	< 0.0463	0.0425 J	< 0.0472
Benzo[a]anthracene	ug/l	1	1000	1	< 0.0472	< 0.0463	< 0.0481	< 0.0472
Benzo[a]pyrene	ug/l	0.2	500	0.2	< 0.0472	< 0.0463	< 0.0481	< 0.0472
Benzo[b]fluoranthene	ug/l	1	400	1	< 0.0472	< 0.0463	< 0.0481	< 0.0472
Benzo[g,h,i]perylene	ug/l	50	20	20	< 0.0472	< 0.0463	< 0.0481	< 0.0472
Benzo[k]fluoranthene	ug/l	1	100	1	< 0.0472	< 0.0463	< 0.0481	< 0.0472
Chrysene	ug/l	2	70	2	< 0.0472	< 0.0463	< 0.0481	< 0.0472
Dibenz[a,h]anthracene	ug/l	0.5	40	0.5	< 0.0472	< 0.0463	< 0.0481	< 0.0472
Fluoranthene	ug/l	90	200	90	< 0.0472	< 0.0463	0.143	0.0399 J
Fluorene	ug/l	40	40	40	< 0.0472	< 0.0463	0.227	< 0.0472
Indeno[1,2,3-cd]pyrene	ug/l	0.5	100	0.5	< 0.0472	< 0.0463	< 0.0481	< 0.0472
Naphthalene	ug/l	140	20000	140	< 0.0472	< 0.0463	0.154	< 0.0472
Phenanthrene	ug/l	50	10000	50	< 0.0472	< 0.0463	< 0.0481	0.0423 J
Pyrene	ug/l	70	20	20	< 0.0472	< 0.0463	0.166	0.0396 J
GC Semivolatiles by 8082								
PCB-1016	ug/l	0.5	10	0.5	< 0.385	< 0.385	< 0.385	< 0.400
PCB-1221	ug/l	0.5	10	0.5	< 0.385	< 0.385	< 0.385	< 0.400
PCB-1232	ug/l	0.5	10	0.5	< 0.385	< 0.385	< 0.385	< 0.400
PCB-1242	ug/l	0.5	10	0.5	< 0.385	< 0.385	< 0.385	< 0.400
PCB-1248	ug/l	0.5	10	0.5	< 0.385	< 0.385	< 0.385	< 0.400
PCB-1254	ug/l	0.5	10	0.5	< 0.385	< 0.385	< 0.385	< 0.400
PCB-1260	ug/l	0.5	10	0.5	< 0.385	< 0.385	< 0.385	< 0.400
PCB-1262	ug/l	0.5	10	0.5	< 0.385	< 0.385	< 0.385	< 0.400
PCB-1268	ug/l	0.5	10	0.5	< 0.385	< 0.385	< 0.385	< 0.400
Metals by 6020B								
Antimony, Dissolved	ug/l	6	8000	6	0.517 J	0.0810 J	0.320 J	0.237 J
Arsenic, Dissolved	ug/l	10	900	10	4.84	5.04	4.38	5.58
Barium, Dissolved	ug/l	2000	50000	2000	58.6	31.5	161	35.7
Beryllium, Dissolved	ug/l	4	200	4	< 0.400	< 0.400	< 0.400	< 0.400
Cadmium, Dissolved	ug/l	5	8	5	< 1.00	< 1.00	0.157 J	< 1.00
Chromium, Dissolved	ug/l	100	300	100	< 2.00	< 2.00	1.49 J	< 2.00
Lead, Dissolved	ug/l	15	10	10	0.74	0.0915 J	1.81	0.408 J
Nickel, Dissolved	ug/l	100	200	100	4.07	< 2.00	10.3	4.49
Selenium, Dissolved	ug/l	50	50	50	0.476 J	< 1.25	< 1.25	< 1.25
Silver, Dissolved	ug/l	100	7	7	< 1.00	< 1.00	< 1.00	< 1.00
Thallium, Dissolved	ug/l	2	3000	2	< 2.00	< 2.00	< 2.00	< 2.00
Vanadium, Dissolved	ug/l	30	4000	30	1.81 J	0.533 J	0.772 J	< 2.00
Zinc, Dissolved	ug/l	5000	900	900	28.9	< 8.00	733	61.6
Metals by 7470A								
Mercury, Dissolved	mg/l	0.002	0.02	0.002	< 0.000200	< 0.000200	< 0.000200	< 0.000200

Notes:

BOLD - result detected above laboratory reporting limits

< # - result not detected above reporting limit shown

mg/l - milligrams per liter

ug/l - micrograms per liter

J - Result is less than the reporting limit but greater than or equal to the MDL and the concentration is an approximate value.

GW1 - Concentrations based on the use of groundwater as drinking water, either currently or in the foreseeable future.

GW3 - Concentrations based on the potential environmental effects resulting from contaminated groundwater discharging to surface water.

RC - Reportable Concentration