

**Groundwater Analytical Result Summary**  
**Gold Star Mothers Park, Cambridge MA**  
**Additional Soil Testing Data**

O or HM Released	CAS Number, if known	O or HM	Maximum Detected Concentration	Average Detected Concentration	GW-1 Concentration <sup>1</sup>	GW-3 Concentration <sup>2</sup>	Units
Antimony, Dissolved	07440-36-0	HM	0.32	0.213	6	8000	µg/L
Arsenic, Dissolved	07440-38-2	HM	5.48	4.96	10	900	µg/L
Barium, Dissolved	07440-39-3	HM	161	71.7	2000	50000	µg/L
Cadmium, Dissolved	07440-43-9	HM	0.157	0.157	5	8	µg/L
Chromium, Dissolved	07440-47-3	HM	1.49	1.49	100	300	µg/L
Lead, Dissolved	07439-92-1	HM	1.81	0.762	15	10	µg/L
Nickel, Dissolved	07440-02-0	HM	10.3	6.29	100	200	µg/L
Selenium, Dissolved	07782-49-2	HM	0.476	0.476	50	50	µg/L
Vanadium, Dissolved	07440-62-2	HM	1.81	1.04	30	4000	µg/L
Zinc, Dissolved	07440-66-6	HM	733	274.5	5000	900	µg/L
1-Methylnaphthalene	00090-12-0	HM	0.349	0.349	NA	NA	µg/L
2-Methylnaphthalene	00091-57-6	HM	0.0267	0.0267	10	20000	µg/L
Acenaphthene	00090-12-0	HM	7.49	3.913	20	10000	µg/L
Acenaphthylene	00083-32-9	HM	0.19	0.19	40	40	µg/L
Anthracene	00208-96-8	HM	0.0425	0.0425	100	30	µg/L
Fluoranthene	00206-44-0	HM	0.143	0.09145	90	200	µg/L
Fluorene	00086-73-7	HM	0.227	0.227	40	40	µg/L
Naphthalene	00091-20-3	HM	0.154	0.154	140	20000	µg/L
Phenanthrene	00085-01-8	HM	0.0423	0.0423	50	10000	µg/L
Pyrene	00129-00-0	HM	0.166	0.166	70	20	µg/L

NOTES:

- 1 - Concentrations based on the use of groundwater as drinking water, either currently or in the foreseeable future. Does not apply to Gold Star Mothers Park, but presented for reference.
- 2 - Concentrations based on the potential environmental effects resulting from contaminated groundwater discharging to surface water.