

APPENDIX IV
TOTAL RECOVERABLE METALS LIMITATIONS (ug/l) AT SELECTED DILUTION RANGES AND
TECHNOLOGY BASED CEILING LIMITATIONS FOR FACILITIES LOCATED IN NEW HAMPSHIRE
(for discharges to freshwater at H = 25 mg/L CaCO₃) ¹

PARAMETER	DILUTION RANGE CONCENTRATION					
	0 - 5	5 -10	10 - 50	50 - 100	>100	CEILING VALUE ²
1. Antimony	5.6	30	60	141	141	141 ³
2. Arsenic	10	50	100	500	540	540 ⁴
3. Cadmium	0.8	4.0	8.0	16.0	32.0	260
4. Chromium ^{III} (Trivalent)	27.7	138	277	1,385	1,710	1,710
5. Chromium ^{VI} (Hexavalent)	11.4	57	114	570	1,140	1,710 ⁵
6. Copper	2.9	14.5	29	142	285	2,070
7. Lead	0.5	2.5	5	27	55	430
8. Mercury	0.9	2.3	2.3	2.3	2.3	2.3 ⁶
9. Nickel	16.1	80.5	161	807	1,614	2,380
10. Selenium	5.0	25	50	250	408	408 ⁷
11. Silver	0.4	2	4	17	35	240
12. Zinc	37	185	370	1,480	1,480	1,480
13. Iron	1,000	5,000	5,000	5,000	5,000	5,000

1. Based on 7Q10 Flow.

2. The Ceiling Value is a Technology Based Value; Unless otherwise indicated it represents the “Best Available Control Technology” (BAT) for the Metal Finishing Industry, 40 CFR Section 433.14 (monthly average concentration).

3. Based on 40 CFR 437.42, “The Centralized Waste Treatment Point Source Category - Subpart D - Multiple Wastestreams - Best Practicable Control Technology” (BPT) daily maximum for Antimony

4. Based on 40 CFR 445.11, “RCRA Subtitle C Landfill Best Practicable Control Technology” (BPT) for Arsenic.

5. Assumes Hexavalent Chromium reduced to Tri-valent Chromium in treatment.

6. Based on 40 CFR 437.42, “The Centralized Waste Treatment Point Source Category - Subpart D - Multiple Wastestreams - Best Practicable Control Technology” (BPT) daily maximum for Mercury

7. Based on 40 CFR 437.42, “The Centralized Waste Treatment Point Source Category - Subpart D - Multiple Wastestreams - Best Practicable Control Technology” (BPT) daily maximum for Selenium