

NDEP PROFILE III TABLE OF LITERATURE AND METHOD REFERENCES

Profile III Constituent¹ (all in mg/L unless noted)	Profile III Reference Value	Literature Reference	Method Reference²
Alkalinity, Bicarbonate (as CaCO ₃)	–	–	SM2320
Alkalinity, Total (as CaCO ₃)	–	–	SM2320
Aluminum	4.47 - WT Deer	Oak Ridge	200.7
Antimony	0.29 - WT Deer	Oak Ridge	200.8
Arsenic	0.20	NAC 445A.1236	200.8
Barium	23.1 - WT Deer	Oak Ridge	200.7
Beryllium	2.83 - WT Deer	Oak Ridge	200.8
Boron	5.0	NAC 445A.1236	200.7
Cadmium	0.05	NAC 445A.1236	200.8
Calcium	–	–	200.7
Chloride	–	–	300.0
Chromium	1.0	NAC 445A.1236	200.7, 200.8
Copper	0.5	NAC 445A.1236	200.7, 200.8
Fluoride	2.0	NAC 445A.1236	300.0
Iron	–	–	200.7
Lead	0.10	NAC 445A.1236	200.8
Lithium	40.3 – WT Deer	Oak Ridge	200.7
Magnesium	–	–	200.7
Manganese	377 – WT Deer	Oak Ridge	200.7
Mercury	0.010	NAC 445A.1236	245.1
Molybdenum	0.60 – WT Deer	Oak Ridge	200.7
Nickel	171 – WT Deer	Oak Ridge	200.7
Nitrate + Nitrite (as N)	100	Blue Book	300.0
Nitrogen, Total (as N)	100	Blue Book	SM4500-N
pH (± 0.1 SU)	6.5 - 8.5	–	SM4500-H ⁺
Phosphorus	–	–	SM4500-P
Potassium	–	–	200.7
Selenium	0.05	NAC 445A.1236	200.8
Sodium	2000	Green Book	200.7
Strontium	1127	Green Book	200.7
Sulfate	–	–	300.0
Thallium	0.032 - WT Deer	Oak Ridge	200.8
Tin	29.2 - Swallow	Oak Ridge	200.7, 200.8
Total Dissolved Solids	7000	Blue Book	SM2540C
Total Suspended Solids	–	–	SM2540D
Uranium	6.995 - WT Deer	Oak Ridge	200.8
Vanadium	0.1 - Green Book	Oak Ridge	200.7
Zinc	25.0	NAC 445A.1236	200.7

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Table notes:

1. All analyses are for total recoverable fraction (unfiltered).
2. This is the suggested analytical method only. The laboratory will determine the most applicable method.