

APPENDIX 12D: AMMONIACAL NITROGEN CONVERSION CALCULATIONS

NOT PROTECTIVELY MARKED

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Conversion from Ammoniacal Nitrogen (mg/l as N) to Ammonium (mg/l as NH₄⁺)

Leachability Data

Location	sWS32
pH	8.6
Ammoniacal nitrogen (mg/l as N)	82.0
Temp (degrees C)	10
Ammonium (mg/l as NH ₄ ⁺)	105.4

Groundwater Data

Location	sBH4	sWS9	sWS29
pH	7.7	7.5	12.0
Ammoniacal nitrogen (mg/l as N)	1.3	5.0	350.0
Temp (degrees C)	10	10	10
Ammonium (mg/l as NH ₄ ⁺)	1.7	6.4	450.0