



NAAPT Program
North American Proficiency Testing

2005 North American Proficiency Testing Program

2nd Quarter Report August 17, 2005



Laboratory ID
6002

Water Sample 2005-304

Sample 2005-305

Sample 2005-306

Analysis	Units	Sample 2005-304		Sample 2005-305		Sample 2005-306		
		Median	Lab	Median	Lab	Median	Lab	
pH	Unit	46	8.30	0.20	7.95	0.14	7.98	0.15
EC	ds/m	43	0.40	0.011	0.40	0.010	0.56	0.025
Cations								
Ca	mmol/L	41	0.010	0.008	2.87	0.09	3.64	0.32
Mg	mmol/L	41	0.002	0.002	1.09	0.05	1.72	0.08
Na	mmol/L	40	4.21	0.14	0.37	0.03	0.60	0.04
K	mmol/L	41	0.00	0.00	0.05	0.002	0.10	0.005
NH ₄ -N	mmol/L	21	0.131	0.019	0.001	0.001	0.001	0.001
Sum Cations	mmol/L	24	4.29	0.18	4.42	0.10	6.2	0.28
SAR	value	24	44.8	20.049	0.27	0.03	0.39	0.03
Adj-SAR	value	7	8.12	8.12	0.45	0.05	0.72	0.08
Anions								
HCO ₃	mmol/L	28	4.04	0.22	3.24	0.16	4.49	0.36
CO ₃	mmol/L	20	0.080	0.080	0.000	0.000	0.000	0.00
Cl	mmol/L	35	0.028	0.028	0.14	0.03	0.39	0.03
NO ₃	mmol/L	45	0.002	0.002	0.000	0.010	0.083	0.017
SO ₄	mmol/L	34	0.00	0.00	0.86	0.06	0.95	0.07
Sum Anions	mmol/L	21	4.19	0.15	4.33	0.25	6.09	0.22
Cation-Anion Difference		24	0.18	0.44	0.25	0.52	0.42	0.65
Boron	mg/L	26	0.003	0.003	0.021	0.009	0.057	0.007
PO ₄ -P - Spec	mg/L	16	0.007	0.007	0.010	0.008	0.006	0.006
P - ICP (Total)	mg/L	19	0.040	0.040	0.034	0.0228	0.021	0.020
TKN	mg/L	7	2.00	0.14	0.29	0.09	0.26	0.26
Nitrogen Combustion	mg/L	3	2.28	0.18	0.24	0.002	1.22	0.06
Total Organic Carbon	mg/L	3	1.8	0.83	4.4	1.10	1.0	0.27

1 - Values flagged exceed Warning Limits " * " 2.5 x MAD (Median Absolute Deviation) and Control Limits " * * " 4 x MAD. "<" and "ND" values not recorded.