

Leewood Water Bore Analytical Testing 23Oct2013 - GAB

LOC_NAME	SAMPLE_DATE	MATRIX_CODE	LAB_SAMPLE_ID	LAB_MATRIX_CODE	ANALYTIC_METHOD	CHEMICAL_NAME	REPORT_RESULT_TEXT	REPORT_RESULT_UNIT
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500150	WATER	APHA_2540_C	Total Dissolved Solids @180°C	145	mg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500128	WATER	APHA_2510_B	Electrical Conductivity @ 25°C	234	µS/cm
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500122	WATER	APHA_1030F	Total Anions	2.34	meq/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500122	WATER	APHA_1030F	Total Cations	1.72	meq/L
LEEGWUPS04	23/10/2013	WATER	AL2ES13230450015	WATER	APHA_2320_B	Carbonate Alkalinity as CaCO3	< 1	mg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES13230450015	WATER	APHA_2320_B	Bicarbonate Alkalinity as CaCO3	66	mg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES13230450015	WATER	APHA_2320_B	Total Alkalinity as CaCO3	66	mg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES13230450015	WATER	APHA_2320_B	Hydroxide Alkalinity as CaCO3	< 1	mg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500138	WATER	APHA_3112_CV_FIMS	Mercury	< 0.0001	mg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500158	WATER	APHA_3112_CV_FIMS	Mercury	< 0.0001	mg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500140	WATER	APHA_3120	Magnesium	4	mg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500140	WATER	APHA_3120	Potassium	18	mg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500140	WATER	APHA_3120	Sodium	18	mg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500140	WATER	APHA_3120	Calcium	3	mg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500140	WATER	APHA_3120	Total Hardness as CaCO3	24	mg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500160	WATER	APHA_3120_SAR	Sodium Adsorption Ratio	1.60	-
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500159	WATER	APHA_4110	Bromide	0.141	mg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500151	WATER	APHA_4500_CI	Chloride	34	mg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500129	WATER	APHA_4500_CI_G	Free Chlorine	< 0.02	mg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500125	WATER	APHA_4500_F_C	Fluoride	< 0.1	mg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES13230450012	WATER	APHA_4500_H_B	pH - Lab	6.71	pH Unit
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500136	WATER	APHA_4500_NH3_G	Ammonia as N	0.09	mg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500157	WATER	APHA_4500_NO2_B	Nitrite as N	< 0.01	mg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500137	WATER	APHA_4500_NO3_F	Nitrate as N	< 0.01	mg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500123	WATER	APHA_4500_NORG+NO3	Total Nitrogen as N	0.2	mg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500156	WATER	APHA_4500_NORG_D	Total Kjeldahl Nitrogen as N	0.2	mg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500124	WATER	APHA_4500_NOX_F	Nitrite + Nitrate as N	< 0.01	mg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500146	WATER	APHA_4500_P_E	Reactive Phosphorus as P	< 0.01	mg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500145	WATER	APHA_4500_P_H	Total Phosphorus as P	0.03	mg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500164	WATER	APHA_4500_S2-H	Unionized Hydrogen Sulfide	< 0.1	mg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500144	WATER	APHA_4500_SIO2	Silicon as SiO2	25.1	mg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500127	WATER	APHA_4500_SO4_E	Sulfate as SO4 2-	3	mg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500155	WATER	APHA_5310_B_DOC	Dissolved Organic Carbon	< 1	mg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500135	WATER	APHA_5310_B_TOC	Total Organic Carbon	2	mg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500131	WATER	APHA_CO2-D	Free Carbon Dioxide as CO2	26	mg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500131	WATER	APHA_CO2-D	Total Carbon Dioxide as CO2	84	mg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500153	WATER	AS_4276.3.1	Heterotrophic Plate Count (22°C)	21	cfu/mL
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500153	WATER	AS_4276.3.1	Heterotrophic Plate Count (36°C)	20	cfu/mL
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500120	WATER	BL_NOT_NATA_SRB	Sulfate Reducing Bacteria	23	cfu/mL
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500174	WATER	EN67-B02	Electrical Conductivity - Field	238	µS/cm
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500174	WATER	EN67-B02	Dissolved Oxygen - Field	3.1	mg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500174	WATER	EN67-B02	pH - Lab	6.39	pH Unit
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500174	WATER	EN67-B02	Redox Potential	-17.20	mV
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500174	WATER	EN67-B02	Field Ambient Temperature	25.2	°C
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500143	WATER	IN HOUSE_ALCOHOLS	Ethanol	< 50	µg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500178	WATER	SUBCON_ISOTOPES	C13 Isotope	-14.500	per mil
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500163	WATER	IN_HOUSE_HSGCFID	n-Butane	< 10	µg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500163	WATER	IN_HOUSE_HSGCFID	Propene	< 10	µg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500163	WATER	IN_HOUSE_HSGCFID	Butene	< 10	µg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500163	WATER	IN_HOUSE_HSGCFID	Methane	< 10	µg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500163	WATER	IN_HOUSE_HSGCFID	Ethane	< 10	µg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500163	WATER	IN_HOUSE_HSGCFID	Ethene	< 10	µg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500163	WATER	IN_HOUSE_HSGCFID	Propane	< 10	µg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500161	WATER	RESIDUAL_ALKALI	Residual Alkali	0.84	meq/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500148	WATER	USEPA_6020	Aluminium	< 0.01	mg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500148	WATER	USEPA_6020	Iron	8.83	mg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500148	WATER	USEPA_6020	Lead	0.002	mg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500148	WATER	USEPA_6020	Lithium	0.008	mg/L

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LEEGWUPS04	23/10/2013	WATER	AL2ES132304500148	WATER	USEPA_6020	Manganese	0.313	mg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500148	WATER	USEPA_6020	Molybdenum	< 0.001	mg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500148	WATER	USEPA_6020	Nickel	0.006	mg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500148	WATER	USEPA_6020	Strontium	0.097	mg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500148	WATER	USEPA_6020	Tin	< 0.001	mg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500148	WATER	USEPA_6020	Arsenic	< 0.001	mg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500148	WATER	USEPA_6020	Barium	0.361	mg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500148	WATER	USEPA_6020	Beryllium	< 0.001	mg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500148	WATER	USEPA_6020	Boron	< 0.05	mg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500148	WATER	USEPA_6020	Cadmium	< 0.0001	mg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500148	WATER	USEPA_6020	Chromium	< 0.001	mg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500148	WATER	USEPA_6020	Cobalt	< 0.001	mg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500148	WATER	USEPA_6020	Copper	< 0.001	mg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500148	WATER	USEPA_6020	Uranium	< 0.001	mg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500148	WATER	USEPA_6020	Vanadium	< 0.01	mg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500148	WATER	USEPA_6020	Zinc	0.016	mg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500148	WATER	USEPA_6020	Selenium	< 0.01	mg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500141	WATER	USEPA_8015	>C10 - C16 Fraction minus Naphthalene (F2)	< 100	µg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500141	WATER	USEPA_8015	C10 - C14 Fraction	< 50	µg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500141	WATER	USEPA_8015	>C10 - C16 Fraction	< 100	µg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500141	WATER	USEPA_8015	C10 - C36 Fraction (sum)	< 50	µg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500141	WATER	USEPA_8015	>C10 - C40 Fraction (sum)	< 100	µg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500141	WATER	USEPA_8015	C15 - C28 Fraction	< 100	µg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500141	WATER	USEPA_8015	>C16 - C34 Fraction	< 100	µg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500141	WATER	USEPA_8015	C29 - C36 Fraction	< 50	µg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500141	WATER	USEPA_8015	>C34 - C40 Fraction	< 100	µg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500132	WATER	USEPA_8260	Ethylbenzene	< 2	µg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500132	WATER	USEPA_8260	Toluene	< 2	µg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500132	WATER	USEPA_8260	Total Xylenes	< 2	µg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500132	WATER	USEPA_8260	Benzene	< 1	µg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500132	WATER	USEPA_8260	Naphthalene	< 5	µg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500132	WATER	USEPA_8260	ortho-Xylene	< 2	µg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500132	WATER	USEPA_8260	Sum of BTEX	< 1	µg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500132	WATER	USEPA_8260	C6 - C10 Fraction	< 20	µg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500132	WATER	USEPA_8260	C6 - C10 Fraction minus BTEX (F1)	< 20	µg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500132	WATER	USEPA_8260	C6 - C9 Fraction	< 20	µg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500132	WATER	USEPA_8260	meta- & para-Xylene	< 2	µg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500133	WATER	USEPA_8270B_PAH	Anthracene	< 1.0	µg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500133	WATER	USEPA_8270B_PAH	Pyrene	< 1.0	µg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500133	WATER	USEPA_8270B_PAH	Benzo(g,h,i)perylene	< 1.0	µg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500133	WATER	USEPA_8270B_PAH	Indeno(1.2.3.cd)pyrene	< 1.0	µg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500133	WATER	USEPA_8270B_PAH	Benzo(b)fluoranthene	< 1.0	µg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500133	WATER	USEPA_8270B_PAH	Fluoranthene	< 1.0	µg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500133	WATER	USEPA_8270B_PAH	Benzo(k)fluoranthene	< 1.0	µg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500133	WATER	USEPA_8270B_PAH	Acenaphthylene	< 1.0	µg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500133	WATER	USEPA_8270B_PAH	Chrysene	< 1.0	µg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500133	WATER	USEPA_8270B_PAH	Benzo(a)pyrene	< 0.5	µg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500133	WATER	USEPA_8270B_PAH	Dibenz(a,h)anthracene	< 1.0	µg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500133	WATER	USEPA_8270B_PAH	Benzo(a)anthracene	< 1.0	µg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500133	WATER	USEPA_8270B_PAH	Acenaphthene	< 1.0	µg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500133	WATER	USEPA_8270B_PAH	Phenanthrene	< 1.0	µg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500133	WATER	USEPA_8270B_PAH	Fluorene	< 1.0	µg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500133	WATER	USEPA_8270B_PAH	Naphthalene	< 1.0	µg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500133	WATER	USEPA_8270B_PAH	Benzo(a)pyrene TEQ (zero)	< 0.5	µg/L
LEEGWUPS04	23/10/2013	WATER	AL2ES132304500133	WATER	USEPA_8270B_PAH	Sum of polycyclic aromatic hydrocarbons (PAHs)	< 0.5	µg/L
LEEGWUPS04	30/06/2014	WG			FIELD MEASURE	Standing Water Level - Field	17.05	mbgl