

**Depth (m)**

	Sep-04	Sep-05	Sep-06	Sep-07	Sep-08	Sep-09	Sep-10	Sep-11	Sep-12	Sep-13	Aug-14
Bore Hole 1									3.750	4.05	5.50
Bore Hole 2	10.5								1.850	4.22	5.90
Bore Hole 3									2.800	5.27	5.94
Bore Hole 4	10.5								2.000	4.83	6.10

**pH**

	Sep-04	Sep-05	Sep-06	Sep-07	Sep-08	Sep-09	Sep-10	Sep-11	Sep-12	Sep-13	Aug-14
Bore Hole 1				6.7	6.9	6.9	6.9	6.76	7.09	6.82	7.24
Bore Hole 2	7.2			7.0	7.1	7.1	7.0	6.82	7.26	7.15	7.23
Bore Hole 3				6.8	0.0	0.0	0.0	0.00	7.33	6.90	7.29
Bore Hole 4	7.2			7.0	7.1	6.9	7.0	7.18	7.87	7.04	7.30

**Alkalinity (mg/L)**

	Sep-04	Sep-05	Sep-06	Sep-07	Sep-08	Sep-09	Sep-10	Sep-11	Sep-12	Sep-13	Aug-14
Bore Hole 1				1,270	865	1,158	820	748	615	843.00	535.00
Bore Hole 2	764.0			956	780	752	741	838	754	743.00	776.00
Bore Hole 3				1,447	0	0	0	0	615	1,110.00	875.00
Bore Hole 4	553.0			724	561	551	538	560	330	592.00	514.00

**Fluoride (mg/L)**

	Sep-04	Sep-05	Sep-06	Sep-07	Sep-08	Sep-09	Sep-10	Sep-11	Sep-12	Sep-13	Aug-14
Bore Hole 1				1.500	6.120	2.390	0.480	0.500	1.000	0.50	0.50
Bore Hole 2	1.10			1.600	7.340	0.540	0.850	0.600	1.100	1.10	1.30
Bore Hole 3				1.600	0.000	0.000	0.000	0.000	0.700	0.80	1.00
Bore Hole 4	1.40			1.600	6.870	1.570	1.100	1.100	0.800	1.30	1.60

**Chloride (mg/L)**

	Sep-04	Sep-05	Sep-06	Sep-07	Sep-08	Sep-09	Sep-10	Sep-11	Sep-12	Sep-13	Aug-14
Bore Hole 1				11,440	9,093	10,816	10,100	8,770	4,470	10,100.00	10,800.00
Bore Hole 2	9400			10,075	9,080	10,417	9,780	8,050	6,420	6,940.00	8,750.00
Bore Hole 3				7,030	0	0	0	0	2,350	7,370.00	7,600.00
Bore Hole 4	12000			13,430	11,722	13,225	12,700	11,300	997	8,630.00	10,300.00

**Sulphate (mg/L) SO4**

	Sep-04	Sep-05	Sep-06	Sep-07	Sep-08	Sep-09	Sep-10	Sep-11	Sep-12	Sep-13	Aug-14
Bore Hole 1				6,410	6,200	5,940	5,508	4,900	1,850	5,970.00	6,210.00
Bore Hole 2	8300			7,980	7,300	7,360	6,725	6,090	5,500	5,990.00	7,380.00
Bore Hole 3				5,450	0	0	0	0	1,310	5,000.00	5,170.00
Bore Hole 4	7100			9,200	3,600	6,060	5,398	6,050	205	3,830.00	5,200.00

**Conductivity (uS/cm)**

	Sep-04	Sep-05	Sep-06	Sep-07	Sep-08	Sep-09	Sep-10	Sep-11	Sep-12	Sep-13	Aug-14
Bore Hole 1				35,600	3,530	33,700	34,800	27,800	15,800	34,200.00	35,900.00
Bore Hole 2	34000			35,000	3,560	35,200	35,800	32,900	25,000	26,700.00	33,300.00
Bore Hole 3				25,700	0	0	0	0	9,990	26,300.00	28,000.00
Bore Hole 4	39000			39,800	3,970	38,900	39,000	41,400	4,050	28,100.00	34,700.00

**Suspended.Solid (mg/L)**

	Sep-04	Sep-05	Sep-06	Sep-07	Sep-08	Sep-09	Sep-10	Sep-11	Sep-12	Sep-13	Aug-14
Bore Hole 1				0.000	0.000	0.000	415.000		69	149.00	93.00
Bore Hole 2	260			0.000	0.000	0.000	16.000		20	130.00	30.00
Bore Hole 3				0.000	0.000	0.000	0.000		62	264.00	509.00
Bore Hole 4	200			0.000	0.000	0.000	35.000		10	192.00	81.00

**Total Org Carbon-filt (mg/L)**

	Sep-04	Sep-05	Sep-06	Sep-07	Sep-08	Sep-09	Sep-10	Sep-11	Sep-12	Sep-13	Aug-14
Bore Hole 1				120	66	27	2	19	25.000	14.00	10.00
Bore Hole 2	3			70	48	8	2	11	10.000	9.00	5.00
Bore Hole 3				135	0	0	0	0	27.000	17.00	11.00
Bore Hole 4	3			45	1	9	127	5	10.000	7.00	5.00

**Total Phenol (mg/L)**

	Sep-04	Sep-05	Sep-06	Sep-07	Sep-08	Sep-09	Sep-10	Sep-11	Sep-12	Sep-13	Aug-14
Bore Hole 1				0.01	0.05	0.05		10.00	1.00	1.00	1.00
Bore Hole 2	2			0.01	0.05	0.05		10.00	1.00	1.00	1.00
Bore Hole 3				0.01	0.00	0.00	0.00	0.00	1.00	1.00	1.00
Bore Hole 4	1			0.01	0.05	0.05		1.00	1.00	1.00	1.00



**Dissolved Iron (mg/L)**

	Sep-04	Sep-05	Sep-06	Sep-07	Sep-08	Sep-09	Sep-10	Sep-11	Sep-12	Sep-13	Aug-14
Bore Hole 1				0.790	9.500	3.800	6.260	5.840	2.620	1.50	0.72
Bore Hole 2	0.01			0.005	0.570	0.900	0.290	5.740	0.340	0.21	0.50
Bore Hole 3				0.005	0.000	0.000	0.000	0.000	1.790	1.16	14.00
Bore Hole 4	0.01			0.005	0.012	0.400	0.460	0.050	0.340	0.30	0.74

**Dissolved Manganese (mg/L)**

	Sep-04	Sep-05	Sep-06	Sep-07	Sep-08	Sep-09	Sep-10	Sep-11	Sep-12	Sep-13	Aug-14
Bore Hole 1				6.900	5.350	5.700	4.200	3.240	0.627	3.73	3.56
Bore Hole 2	0.025			0.010	0.010	0.020	0.010	6.670	0.011	0.02	0.05
Bore Hole 3				0.720	0.000	0.000	0.000	0.000	0.333	2.24	2.06
Bore Hole 4	0.006			0.010	0.001	0.010	0.010	0.004	0.209	0.37	0.40

**Dissolved Calcium (mg/L)**

	Sep-04	Sep-05	Sep-06	Sep-07	Sep-08	Sep-09	Sep-10	Sep-11	Sep-12	Sep-13	Aug-14
Bore Hole 1				740	1,360	750	770	524	266	714.00	735.00
Bore Hole 2	660			650	750	630	640	403	442	472.00	597.00
Bore Hole 3				400	0	0	0	0	128	421.00	441.00
Bore Hole 4	820			880	880	740	930	620	82	480.00	634.00

**Dissolved Magnesium (mg/L)**

	Sep-04	Sep-05	Sep-06	Sep-07	Sep-08	Sep-09	Sep-10	Sep-11	Sep-12	Sep-13	Aug-14
Bore Hole 1				1,530	2,690	1,420	1,530	1,120	518	1,510.00	1,490.00
Bore Hole 2	1400			1,510	1,800	1,440	1,520	1,140	765	916.00	1,200.00
Bore Hole 3				1,050	0	0	0	0	282	1,070.00	1,040.00
Bore Hole 4	1600			1,870	1,900	1,440	1,935	1,310	94	917.00	1,160.00

**Dissolved Potassium (mg/L)**

	Sep-04	Sep-05	Sep-06	Sep-07	Sep-08	Sep-09	Sep-10	Sep-11	Sep-12	Sep-13	Aug-14
Bore Hole 1				75	77	86	75	60	47	90.00	81.00
Bore Hole 2	69			80	79	82	70	46	61	66.00	72.00
Bore Hole 3				56	0	0	0	0	33	57.00	62.00
Bore Hole 4	69			85	75	73	80	1	13	61.00	66.00

**Dissolved Sodium (mg/L)**

	Sep-04	Sep-05	Sep-06	Sep-07	Sep-08	Sep-09	Sep-10	Sep-11	Sep-12	Sep-13	Aug-14
Bore Hole 1				6,640	7,080	6,510	6,350	4,850	2,530	6,680.00	6,232.00
Bore Hole 2	6800			7,650	8,110	7,600	7,150	5,110	4,700	5,550.00	6,190.00
Bore Hole 3				5,450	0	0	0	0	1,630	5,190.00	4,940.00
Bore Hole 4	7600			9,200	10,300	7,390	9,300	6,310	545	5,580.00	6,230.00

**Ammonia (as N) (mg/L) N**

	Sep-04	Sep-05	Sep-06	Sep-07	Sep-08	Sep-09	Sep-10	Sep-11	Sep-12	Sep-13	Aug-14
Bore Hole 1				0.01	0.34	0.49	0.51	0.34	0.05	0.94	0.45
Bore Hole 2	0.12			0.01	0.06	0.40	0.42	0.02	0.09	0.08	0.06
Bore Hole 3				0.01	0.00	0.00	0.00	0.00	0.05	0.18	0.15
Bore Hole 4	0.04			0.01	0.05	0.44	0.46	0.01	0.04	0.09	0.05

**Total Oxidised Nitrogen (as N) (mg/L)**

	Sep-04	Sep-05	Sep-06	Sep-07	Sep-08	Sep-09	Sep-10	Sep-11	Sep-12	Sep-13	Aug-14
Nitrate											
Bore Hole 1				0.12	0.17	0.02	0.09	0.25	0.51	0.13	0.05
Bore Hole 2	1.20			1.70	1.97	1.85	1.30	0.02	16.20	6.78	2.60
Bore Hole 3				0.16	0.00	0.00	0.00	0.00	41.40	2.13	0.11
Bore Hole 4	2.40			2.50	2.05	2.64	1.50	2.37	0.48	0.15	1.02

**Volatile Organics (ug/L)**

	Sep-04	Sep-05	Sep-06	Sep-07	Sep-08	Sep-09	Sep-10	Sep-11	Sep-12	Sep-13	Aug-14
Bore Hole 1				0.001	0.000	0.000	0.000	50.000	50.000	50.00	50.00
Bore Hole 2	1.0			0.001	0.000	0.000	0.000	50.000	50.000	50.00	50.00
Bore Hole 3				0.001	0.000	0.000	0.000	0.000	50.000	50.00	50.00
Bore Hole 4	1.0			0.001	0.000	0.000	0.000	50.000	50.000	50.00	50.00

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