

New Berrima Water Sampling Results

Sample Taken: 31.5.17

		EPA Approved Sampling Points							
Sampling Parameters	Units	WS1	WS2	WS3	WS4	WS5	WS6	WS7	WS8
pH		No water to sample	6.9	7	No water to sample	No water to sample	No water to sample	No water to sample	7.3
Conductivity	uS/cm		255	970					225
Sodium Na+	mg/L		20	80					19
Potassium K+	mg/L		4.7	17					4.1
Calcium Ca++	mg/L		18	86					17
Magnesium Mg++	mg/L		8.1	28					7.6
Chloride Cl-	mg/L		35	190					32
Sulphate SO4--	mg/L		28	43					18
Bicarbonate HC03-	mg/L		58	250					67
Phosphate P04-P	mg/L		<0.1	<0.1					<0.1
Fluoride F-	mg/L		0.14	0.17					0.12
Nitrate N03-N	mg/L		0.59	0.3					0.47
Ammonia (Total)	mg/L		0.2	0.1					0.1
Total Nitrogen	mg/L		1	1.5					0.8
Total Phosphorus	mg/L	<0.1	<0.1	<0.1					
Suspended Solids	mg/L	14	20	5					
Turbidity	NTU	35	28	18					

New Berrima Water Sampling Results

Sample Taken: 30.6.17

		EPA Approved Sampling Points							
Sampling Parameters	Units	WS1	WS2	WS3	WS4	WS5	WS6	WS7	WS8
pH		No water to sample	6.9	7	No water to sample	6.4	No water to sample	No water to sample	7.1
Conductivity	uS/cm		185	810		120			150
Sodium Na+	mg/L		17	76		17			13
Potassium K+	mg/L		3.4	17		2.1			2.4
Calcium Ca++	mg/L		11	70		3.9			9.5
Magnesium Mg++	mg/L		6.7	24		2.3			6.2
Chloride Cl-	mg/L		30	195		37			27
Sulphate SO4--	mg/L		13	24		<2			10
Bicarbonate HC03-	mg/L		55	190		12			38
Phosphate P04-P	mg/L		<0.1	0.24		0.12			<0.1
Fluoride F-	mg/L		<0.1	0.17		<0.1			<0.1
Nitrate N03-N	mg/L		1.9	0.89		<0.1			1.6
Ammonia (Total)	mg/L		<0.1	0.3		<0.1			<0.1
Total Nitrogen	mg/L		1.3	5.7		1.7			1
Total Phosphorus	mg/L		<0.1	1.1		0.84			<0.1
Suspended Solids	mg/L		14	280		290			11
Turbidity	NTU	17	130	180	16				

New Berrima Water Sampling Results

Sample Taken: 31.7.17

		EPA Approved Sampling Points							
Sampling Parameters	Units	WS1	WS2	WS3	WS4	WS5	WS6	WS7	WS8
pH		No water to sample	7	6.8	No water to sample	6.7	No water to sample	No water to sample	7.1
Conductivity	uS/cm		265	365		135			250
Sodium Na+	mg/L		27	10		18			23
Potassium K+	mg/L		4.6	5.3		4.8			4.7
Calcium Ca++	mg/L		15	53		4.6			15
Magnesium Mg++	mg/L		8.7	8.6		2.8			8.6
Chloride Cl-	mg/L		39	42		35			39
Sulphate SO4--	mg/L		23	25		<2			22
Bicarbonate HC03-	mg/L		77	135		21			65
Phosphate P04-P	mg/L		<0.1	0.1		<0.1			<0.1
Fluoride F-	mg/L		<0.1	<0.1		<0.1			<0.1
Nitrate N03-N	mg/L		0.32	<0.1		<0.1			0.3
Ammonia (Total)	mg/L		0.2	0.3		0.3			0.2
Total Nitrogen	mg/L		1.3	16		1.5			1.2
Total Phosphorus	mg/L		<0.1	0.39		0.21			<0.1
Suspended Solids	mg/L		34	32		61			8
Turbidity	NTU	20	5.5	80	7.2				

New Berrima Water Sampling Results

Sample Taken: 31.8.17

		EPA Approved Sampling Points							
Sampling Parameters	Units	WS1	WS2	WS3	WS4	WS5	WS6	WS7	WS8
pH		No water to sample	6.9	7	No water to sample	No water to sample	No water to sample	No water to sample	7.2
Conductivity	uS/cm		290	590					280
Sodium Na+	mg/L		20	19					20
Potassium K+	mg/L		4.9	4.5					4.5
Calcium Ca++	mg/L		16	81					16
Magnesium Mg++	mg/L		8.7	12					8.2
Chloride Cl-	mg/L		39	54					39
Sulphate SO4--	mg/L		22	28					21
Bicarbonate HC03-	mg/L		61	235					54
Phosphate P04-P	mg/L		0.17	<0.1					<0.1
Fluoride F-	mg/L		0.18	0.15					0.18
Nitrate N03-N	mg/L		0.44	<0.1					0.45
Ammonia (Total)	mg/L		1.6	0.1					0.1
Total Nitrogen	mg/L		3.8	0.6					1.1
Total Phosphorus	mg/L		0.49	0.18					0.12
Suspended Solids	mg/L		23	19					12
Turbidity	NTU	18	2.6	10					

New Berrima Water Sampling Results

Sample Taken: 29.9.17

		EPA Approved Sampling Points							
Sampling Parameters	Units	WS1	WS2	WS3	WS4	WS5	WS6	WS7	WS8
pH		No water to sample	6.8	6.9	No water to sample	No water to sample	No water to sample	No water to sample	7.2
Conductivity	uS/cm		290	510					275
Sodium Na+	mg/L		25	19					23
Potassium K+	mg/L		7.2	7.6					6.5
Calcium Ca++	mg/L		17	71					20
Magnesium Mg++	mg/L		9.6	11					8.7
Chloride Cl-	mg/L		45	55					44
Sulphate SO4--	mg/L		30	32					28
Bicarbonate HC03-	mg/L		60	195					59
Phosphate P04-P	mg/L		<0.1	0.1					<0.1
Fluoride F-	mg/L		0.11	<0.1					0.1
Nitrate N03-N	mg/L		2.1	0.49					2.1
Ammonia (Total)	mg/L		0.9	0.2					<0.1
Total Nitrogen	mg/L		2.4	1.5					0.9
Total Phosphorus	mg/L		0.18	0.33					<0.1
Suspended Solids	mg/L		19	89					8
Turbidity	NTU	36	30	12					

New Berrima Water Sampling Results

Sample Taken: 30/10/17

Sampling Parameters	Units	EPA Approved Sampling Points							
		WS1	WS2	WS3	WS4	WS5	WS6	WS7	WS8
pH		No water to sample	7.5	7	No water to sample	No water to sample	No water to sample	No water to sample	7.2
Conductivity	uS/cm		325	505					320
Sodium Na+	mg/L		32	31					31
Potassium K+	mg/L		6	5.7					5.8
Calcium Ca++	mg/L		18	66					20
Magnesium Mg++	mg/L		11	11					9.3
Chloride Cl-	mg/L		48	51					50
Sulphate SO4--	mg/L		37	26					36
Bicarbonate HC03-	mg/L		77	225					67
Phosphate P04-P	mg/L		<0.1	<0.1					<0.1
Fluoride F-	mg/L		0.13	0.11					0.13
Nitrate N03-N	mg/L		1.9	0.13					1.6
Ammonia (Total)	mg/L		0.01	0.5					<0.1
Total Nitrogen	mg/L		1.1	5.7					1
Total Phosphorus	mg/L		<.1	0.69					<0.1
Suspended Solids	mg/L		22	340					11
Turbidity	NTU	18	120	11					

New Berrima Water Sampling Results

Sample Taken: 01.12.17

Sampling Parameters	Units	EPA Approved Sampling Points							
		WS1	WS2	WS3	WS4	WS5	WS6	WS7	WS8
pH		No water to sample	6.9	6.8	No water to sample	No water to sample	No water to sample	No water to sample	7.1
Conductivity	uS/cm		270	755					245
Sodium Na+	mg/L		27	51					21
Potassium K+	mg/L		5	17					4.9
Calcium Ca++	mg/L		17	83					17
Magnesium Mg++	mg/L		8.4	13					7.9
Chloride Cl-	mg/L		39	99					39
Sulphate SO4--	mg/L		21	84					22
Bicarbonate HC03-	mg/L		77	195					61
Phosphate P04-P	mg/L		<0.1	1.3					<0.1
Fluoride F-	mg/L		0.13	0.17					0.15
Nitrate N03-N	mg/L		1.2	0.13					1.2
Ammonia (Total)	mg/L		0.2	0.8					<0.1
Total Nitrogen	mg/L		1.2	2.8					0.9
Total Phosphorus	mg/L		<.1	0.52					<0.1
Suspended Solids	mg/L		25	80					12
Turbidity	NTU	24	26	9.5					

New Berrima Water Sampling Results

Sample Taken: 02.01.18

		EPA Approved Sampling Points							
Sampling Parameters	Units	WS1	WS2	WS3	WS4	WS5	WS6	WS7	WS8
pH		No water to sample	6.8	6.8	No water to sample	No water to sample	No water to sample	No water to sample	7.2
Conductivity	uS/cm		275	770					260
Sodium Na+	mg/L		25	53					25
Potassium K+	mg/L		6.2	26					6.1
Calcium Ca++	mg/L		19	87					19
Magnesium Mg++	mg/L		8.8	15					8.7
Chloride Cl-	mg/L		43	120					42
Sulphate SO4--	mg/L		24	33					24
Bicarbonate HC03-	mg/L		69	280					74
Phosphate P04-P	mg/L		<0.1	0.12					<0.1
Fluoride F-	mg/L		0.36	0.34					0.35
Nitrate N03-N	mg/L		<0.1	<0.1					<0.1
Ammonia (Total)	mg/L		0.2	3.3					0.1
Total Nitrogen	mg/L		0.7	17					0.06
Total Phosphorus	mg/L		<0.1	1.6					<0.1
Suspended Solids	mg/L		25	190					6
Turbidity	NTU	19	180	3.5					

New Berrima Water Sampling Results

Sample Taken: 01.02.18

		EPA Approved Sampling Points							
Sampling Parameters	Units	WS1	WS2	WS3	WS4	WS5	WS6	WS7	WS8
pH		No water to sample	7.4	7.7	No water to sample	No water to sample	No water to sample	No water to sample	7.6
Conductivity	uS/cm		330	660					325
Sodium Na+	mg/L		37	36					30
Potassium K+	mg/L		8.5	15					8.1
Calcium Ca++	mg/L		19	83					22
Magnesium Mg++	mg/L		9.5	13					9.4
Chloride Cl-	mg/L		48	72					48
Sulphate SO4--	mg/L		82	285					81
Bicarbonate HC03-	mg/L		35	17					31
Phosphate P04-P	mg/L		<0.1	<0.1					<0.1
Fluoride F-	mg/L		<0.1	<0.1					<0.1
Nitrate N03-N	mg/L		0.19	0.17					0.18
Ammonia (Total)	mg/L		<0.1	<0.1					<0.1
Total Nitrogen	mg/L		1.3	2.3					1.3
Total Phosphorus	mg/L		<0.1	0.3					0.17
Suspended Solids	mg/L		17	40					250
Turbidity	NTU	14	10	45					

New Berrima Water Sampling Results

Sample Taken: 28/02/2018

		EPA Approved Sampling Points							
Sampling Parameters	Units	WS1	WS2	WS3	WS4	WS5	WS6	WS7	WS8
pH		No water to sample	7.0	6.8	No water to sample	No water to sample	No water to sample	No water to sample	7.1
Conductivity	uS/cm		225	785					250
Sodium Na+	mg/L		22	46					29
Potassium K+	mg/L		5.7	12					3.1
Calcium Ca++	mg/L		13	90					16
Magnesium Mg++	mg/L		5.8	12					6.0
Chloride Cl-	mg/L		29	82					34
Sulphate SO4--	mg/L		27	125					34
Bicarbonate HC03-	mg/L		48	185					55
Phosphate P04-P	mg/L		<0.1	0.58					<0.1
Fluoride F-	mg/L		<0.1	<0.1					<0.1
Nitrate N03-N	mg/L		1.1	<0.1					1.2
Ammonia (Total)	mg/L		0.1	0.2					<0.1
Total Nitrogen	mg/L		0.9	8.3					1.3
Total Phosphorus	mg/L		<0.1	1.3					<0.1
Suspended Solids	mg/L		19	370					13
Turbidity	NTU	20	55	14					

New Berrima Water Sampling Results

Sample Taken: 31/03/2018

		EPA Approved Sampling Points							
Sampling Parameters	Units	WS1	WS2	WS3	WS4	WS5	WS6	WS7	WS8
pH		No water to sample	7.4	7.2	No water to sample	No water to sample	No water to sample	No water to sample	7.4
Conductivity	uS/cm		250	350					220
Sodium Na+	mg/L		29	23					25
Potassium K+	mg/L		6.2	5.5					5.8
Calcium Ca++	mg/L		15	42					15
Magnesium Mg++	mg/L		6.1	6.8					5.7
Chloride Cl-	mg/L		37	39					35
Sulphate SO4--	mg/L		27	27					25
Bicarbonate HC03-	mg/L		71	130					61
Phosphate P04-P	mg/L		<0.1	<0.1					<0.1
Fluoride F-	mg/L		<0.1	<0.1					<0.1
Nitrate N03-N	mg/L		<0.1	<0.1					<0.1
Ammonia (Total)	mg/L		0.1	<0.1					<0.1
Total Nitrogen	mg/L		0.6	0.4					0.6
Total Phosphorus	mg/L		<0.1	<0.1					<0.1
Suspended Solids	mg/L		13	12					11
Turbidity	NTU	16	3.7	7.9					

New Berrima Water Sampling Results

Sample Taken: 01.05.18

		EPA Approved Sampling Points							
Sampling Parameters	Units	WS1	WS2	WS3	WS4	WS5	WS6	WS7	WS8
pH		No water to sample	7.6	7.8	No water to sample	No water to sample	No water to sample	No water to sample	7.5
Conductivity	uS/cm		270	505					260
Sodium Na+	mg/L		31	41					35
Potassium K+	mg/L		7.0	6.9					6.7
Calcium Ca++	mg/L		14	62					14
Magnesium Mg++	mg/L		5.6	9.5					5.6
Chloride Cl-	mg/L		37	48					38
Sulphate SO4--	mg/L		28	17					29
Bicarbonate HC03-	mg/L		71	250					76
Phosphate P04-P	mg/L		<0.1	<0.1					<0.1
Fluoride F-	mg/L		<0.1	<0.1					<0.1
Nitrate N03-N	mg/L		<0.1	<0.1					<0.1
Ammonia (Total)	mg/L		<0.1	<0.1					<0.1
Total Nitrogen	mg/L		0.7	1.2					0.5
Total Phosphorus	mg/L		<0.1	<0.1					0.12
Suspended Solids	mg/L		4	<2					9
Turbidity	NTU	7.2	1.8	7.7					

New Berrima Water Sampling Results

Sample Taken: 30/05/2018

Sampling Parameters	Units	EPA Approved Sampling Points							
		WS1	WS2	WS3	WS4	WS5	WS6	WS7	WS8
pH		No water to sample	7.2	8.0	No water to sample	No water to sample	No water to sample	No water to sample	7.5
Conductivity	uS/cm		315	490					310
Sodium Na+	mg/L		34	24					35
Potassium K+	mg/L		8.6	6.0					8.1
Calcium Ca++	mg/L		17	67					19
Magnesium Mg++	mg/L		7.7	12					7.2
Chloride Cl-	mg/L		39	56					40
Sulphate SO4--	mg/L		40	15					36
Bicarbonate HC03-	mg/L		72	220					79
Phosphate P04-P	mg/L		<0.1	<0.1					<0.1
Fluoride F-	mg/L		0.28	0.20					0.24
Nitrate N03-N	mg/L		1.4	<0.1					0.84
Ammonia (Total)	mg/L		<0.1	0.3					<0.1
Total Nitrogen	mg/L		1.4	1.2					1.1
Total Phosphorus	mg/L		<0.1	0.11					<0.1
Suspended Solids	mg/L	11	5	6					
Turbidity	NTU	12	6.8	9.0					

New Berrima Water Sampling Results

Sample Taken: 29/06/2018

		EPA Approved Sampling Points							
Sampling Parameters	Units	WS1	WS2	WS3	WS4	WS5	WS6	WS7	WS8
pH		No water to sample	7.2	7.8	No water to sample	No water to sample	No water to sample	No water to sample	7.4
Conductivity	uS/cm		285	650					280
Sodium Na+	mg/L		32	34					29
Potassium K+	mg/L		7.3	5.5					7.4
Calcium Ca++	mg/L		15	92					17
Magnesium Mg++	mg/L		6.2	12					6.3
Chloride Cl-	mg/L		32	50					32
Sulphate SO4--	mg/L		48	57					40
Bicarbonate HC03-	mg/L		61	275					49
Phosphate P04-P	mg/L		0.25	<0.1					0.31
Fluoride F-	mg/L		0.21	0.13					0.21
Nitrate N03-N	mg/L		4.0	<0.1					3.5
Ammonia (Total)	mg/L		<0.1	<0.1					0.1
Total Nitrogen	mg/L		2.0	0.5					1.6
Total Phosphorus	mg/L		<0.1	<0.1					<0.1
Suspended Solids	mg/L		9	2					10
Turbidity	NTU	17	0.6	15					

New Berrima Water Sampling Results

Sample Taken: 31/07/2018

		EPA Approved Sampling Points							
Sampling Parameters	Units	WS1	WS2	WS3	WS4	WS5	WS6	WS7	WS8
pH		No water to sample	7.3	7.9	No water to sample	No water to sample	No water to sample	No water to sample	7.7
Conductivity	uS/cm		255	460					255
Sodium Na+	mg/L		28	22					26
Potassium K+	mg/L		6.6	6.5					6.8
Calcium Ca++	mg/L		14	59					15
Magnesium Mg++	mg/L		5.8	9					6.0
Chloride Cl-	mg/L		32	41					32
Sulphate SO4--	mg/L		30	35					40
Bicarbonate HC03-	mg/L		56	175					58
Phosphate P04-P	mg/L		<0.1	<0.1					<0.1
Fluoride F-	mg/L		0.22	0.16					0.17
Nitrate N03-N	mg/L		3.5	<0.1					3.6
Ammonia (Total)	mg/L		<0.1	<0.1					<0.1
Total Nitrogen	mg/L		1.7	0.7					1.6
Total Phosphorus	mg/L		<0.1	<0.1					<0.1
Suspended Solids	mg/L		13	2					15
Turbidity	NTU	18	2.0	19					

New Berrima Water Sampling Results

Sample Taken: 31/08/18

		EPA Approved Sampling Points							
Sampling Parameters	Units	WS1	WS2	WS3	WS4	WS5	WS6	WS7	WS8
pH		No water to sample	7.2	8.0	No water to sample	No water to sample	No water to sample	No water to sample	7.3
Conductivity	uS/cm		255	515					245
Sodium Na+	mg/L		29	34					28
Potassium K+	mg/L		8.1	4.9					7.8
Calcium Ca++	mg/L		16	74					17
Magnesium Mg++	mg/L		6.0	9.8					6.0
Chloride Cl-	mg/L		36	60					36
Sulphate SO4--	mg/L		42	33					39
Bicarbonate HC03-	mg/L		45	225					51
Phosphate P04-P	mg/L		<0.1	<0.1					<0.1
Fluoride F-	mg/L		0.19	0.13					0.20
Nitrate N03-N	mg/L		4.6	<0.1					3.9
Ammonia (Total)	mg/L		0.1	<0.1					0.2
Total Nitrogen	mg/L		2.1	0.6					2.0
Total Phosphorus	mg/L		<0.1	0.10					0.11
Suspended Solids	mg/L		11	15					14
Turbidity	NTU	16	2.7	10					

New Berrima Water Sampling Results

Sample Taken: 02/10/18

		EPA Approved Sampling Points							
Sampling Parameters	Units	WS1	WS2	WS3	WS4	WS5	WS6	WS7	WS8
pH		No water to sample	7.8	7.4	No water to sample	No water to sample	No water to sample	No water to sample	7.3
Conductivity	uS/cm		275	350					270
Sodium Na+	mg/L		30	23					27
Potassium K+	mg/L		8.6	8.4					8.6
Calcium Ca++	mg/L		16	42					17
Magnesium Mg++	mg/L		6.0	7.2					6.2
Chloride Cl-	mg/L		36	37					35
Sulphate SO4--	mg/L		41	40					41
Bicarbonate HC03-	mg/L		51	120					52
Phosphate P04-P	mg/L		<0.1	<0.1					<0.1
Fluoride F-	mg/L		0.20	0.17					0.18
Nitrate N03-N	mg/L		2.9	0.27					3.2
Ammonia (Total)	mg/L		<0.1	<0.1					<0.1
Total Nitrogen	mg/L		1.7	0.9					1.6
Total Phosphorus	mg/L		<0.1	0.19					<0.1
Suspended Solids	mg/L	11	26	4					
Turbidity	NTU	15	18	7.1					

