

Wamberal Lagoon

		374050	377628
		04-Jul-08	04-Aug-08
		Wamberal Lagoon	Wamberal Lagoon
BOD (5-Day)	mg/L	<2	<2
Chlorophyll a	µg/L	1	<1
Entrance Condition		Closed	Closed
Enterococci	CFU/100mL	9	<10
Thermotolerant Coliforms	CFU/100mL	<10	<10
Ammonia Nitrogen as N	mg/L	0.22	0.01
NOx	mg/L	0.08	0.03
Total Kjeldahl Nitrogen	mg/L	0.7	0.3
Total Nitrogen as N (TKN + NOx)	mg/L	0.8	0.3
Ortho-Phosphate (as P)	mg/L	<0.07	<0.03
Total Phosphorus	mg/L	<0.07	<0.03
Temperature	°C	12.6	12.9
pH	pH Units	7.7	7.9
Conductivity	mS/cm	13.1	13.9
Salinity	PSS	7.4	7.9
Dissolved Oxygen	mg/L	9.5	10.5
Turbidity	NTU	21.3	17.6
Date and Time of Sampling		4/07/2008 10:20	4/08/2008 11:00
Total Suspended Solids (@ 105°C)	mg/L	4	4

381017	384679
02-Sep-08	01-Oct-08
Wamberal Lagoon	Wamberal Lagoon
<2	<2
<1	1
Closed	Closed
36	8
74	2
0.02	<0.01
0.01	0.04
0.4	0.3
0.4	0.3
0.01	<0.01
0.01	0.01
16.6	22.1
8.4	8.5
17.1	33.6
8.1	21
9.9	6.5
16.4	1.5
2/09/2008 10:55	1/10/2008 10:25
<1	3

Terrigal Lagoon

		374049 4-Jul-08 Terrigal Lagoon	377627 4-Aug-08 Terrigal Lagoon	381016 2-Sep-08 Terrigal Lagoon
BOD (5-Day)	mg/L	<2	<2	<2
Chlorophyll a	µg/L	1	<1	1
Entrance Condition		Closed		Closed
Enterococci	CFU/100mL	91	<2	18
Thermotolerant Coliforms	CFU/100mL	<10	36	11
Ammonia Nitrogen as N	mg/L	0.03	0.02	0.01
NOx	mg/L	0.04	0.01	0.04
Total Kjeldahl Nitrogen	mg/L	0.2	0.3	0.3
Total Nitrogen as N (TKN + NOx)	mg/L	0.2	0.3	0.3
Ortho-Phosphate (as P)	mg/L	<0.07	<0.03	<0.03
Total Phosphorus	mg/L	<0.07	<0.03	<0.03
Temperature	°C	12.8	13.4	16.3
pH	pH Units	7.5	7.8	8.1
Conductivity	mS/cm	35.6	23.5	18.9
Salinity	PSS	22	14	11.1
Dissolved Oxygen	mg/L	8.3	10.5	8.9
Turbidity	NTU	3.7	17.1	19.7
Date and Time of Sampling		4/07/2008 10:30	4/08/2008 11:20	2/09/2008 11:05
Total Suspended Solids (@ 105°C)	mg/L	2	6	3

384678
1-Oct-08
Terrigal Lagoon
<2
2
Closed
5
7
<0.01
0.05
0.1
0.2
<0.01
0.02
22.4
7.7
34.2
21.4
6.4
4.4
1/10/2008 10:45
3

Cockrone Lagoon

		374046	377624
		4-Jul-08	4-Aug-08
		Cockrone Lagoon	Cockrone Lagoon
BOD (5-Day)	mg/L	<2	<2
Chlorophyll a	µg/L	1	<1
Entrance Condition		Closed	Closed
Enterococci	CFU/100mL	9	64
Thermotolerant Coliforms	CFU/100mL	<10	9
Ammonia Nitrogen as N	mg/L	0.07	0.02
NOx	mg/L	0.04	0.02
Total Kjeldahl Nitrogen	mg/L	0.5	0.3
Total Nitrogen as N (TKN + NOx)	mg/L	0.5	0.3
Ortho-Phosphate (as P)	mg/L	<0.01	<0.01
Total Phosphorus	mg/L	<0.01	<0.01
Temperature	°C	12.6	13.2
pH	pH Units	7.9	8
Conductivity	mS/cm	48	41.5
Salinity	PSS	30.7	26
Dissolved Oxygen	mg/L	8.2	11.7
Turbidity	NTU	46.4	30.2
Date and Time of Sampling		4/07/2008 12:15	4/08/2008 12:20
Total Suspended Solids (@ 105°C)	mg/L	7	4

381013	384675
2-Sep-08	1-Oct-08
Cockrone Lagoon	Cockrone Lagoon
<2	<2
<1	1
Closed	Closed
36	164
<2	2
0.03	<0.01
0.01	0.03
0.3	0.5
0.3	0.5
<0.03	<0.01
<0.03	0.01
16.9	21.6
9.2	8.9
37	26.6
23.1	16.2
10.5	7.5
12.3	2.1
2/09/2008 12:15	1/10/2008 11:30
4	2

Avoca Lagoon

		374047	377626	381015
		4-Jul-08	4-Aug-08	2-Sep-08
		Avoca Lagoon	Avoca Lagoon	Avoca Lagoon
BOD (5-Day)	mg/L	<2	<2	<2
Chlorophyll a	µg/L	1	<1	<1
Entrance Condition		Closed	Closed	Closed
Enterococci	CFU/100mL	100	27	7
Thermotolerant Coliforms	CFU/100mL	<10	<10	2
Ammonia Nitrogen as N	mg/L	0.07	0.05	0.06
NOx	mg/L	0.04	0.02	0.02
Total Kjeldahl Nitrogen	mg/L	0.2	0.1	0.2
Total Nitrogen as N (TKN + NOx)	mg/L	0.2	0.1	0.2
Ortho-Phosphate (as P)	mg/L	<0.03	<0.01	<0.03
Total Phosphorus	mg/L	<0.03	<0.01	<0.03
Temperature	°C	12	12.5	16.3
pH	pH Units	7.8	8	8.3
Conductivity	mS/cm	50.4	41.8	37.5
Salinity	PSS	32.4	26.3	23.5
Dissolved Oxygen	mg/L	7.4	11.3	8.3
Turbidity	NTU	18.9	19.1	19
Date and Time of Sampling		4/07/2008 10:45	4/08/2008 11:30	2/09/2008 11:30
Total Suspended Solids (@ 105°C)	mg/L	3	4	5

384677
1-Oct-08
Avoca Lagoon
 <2
 1
 Closed
 7
 <2
 0.06
 0.04
 0.4
 0.4
 <0.01
 0.01
 21.6
 7.4
 26.1
 15.9
 4.7
 2
1/10/2008 11:00
 1

Kincumber Creek

		374048	377625
		4-Jul-08	4-Aug-08
		Kincumber Creek	Kincumber Creek
BOD (5-Day)	mg/L	<2	<2
Chlorophyll a	µg/L	4	<1
Enterococci	CFU/100mL	<10	45
Thermotolerant Coliforms	CFU/100mL	<10	<10
Ammonia Nitrogen as N	mg/L	0.01	0.06
NOx	mg/L	0.02	0.04
Total Kjeldahl Nitrogen	mg/L	0.2	<0.1
Total Nitrogen as N (TKN + NOx)	mg/L	0.2	<0.1
Ortho-Phosphate (as P)	mg/L	<0.03	<0.01
Total Phosphorus	mg/L	<0.03	<0.01
Temperature	°C	11.8	13.3
pH	pH Units	7.9	7.9
Conductivity	mS/cm	44.1	48.4
Salinity	PSS	27.8	30.9
Dissolved Oxygen	mg/L	8.9	10.8
Turbidity	NTU	36.3	30.4
Date and Time of Sampling		4/07/2008 11:10	4/08/2008 12:00
Total Suspended Solids (@ 105°C)	mg/L	11	10

381014	384676
2-Sep-08	1-Oct-08
Kincumber Creek	Kincumber Creek
<2	<2
<1	2
13	15
<2	<2
0.01	<0.01
<0.01	0.05
<0.1	<0.1
<0.1	<0.1
<0.03	<0.01
<0.03	0.03
17.6	21.8
8.4	7.8
51.3	50.2
33.4	32.7
8.6	7.2
2.1	3.8
2/09/2008 12:00	1/10/2008 11:15
11	9

Erina Creek

		374051	377629	381018	384680
		4-Jul-08	4-Aug-08	2-Sep-08	1-Oct-08
		Erina Creek	Erina Creek	Erina Creek	Erina Creek
BOD (5-Day)	mg/L	<2	<2	<2	<2
Chlorophyll a	µg/L	1	2	1	1
Enterococci	CFU/100mL	27	36	11	21
Thermotolerant Coliforms	CFU/100mL	<10	<10	<2	2
Ammonia Nitrogen as N	mg/L	0.03	0.02	0.01	<0.01
NOx	mg/L	0.05	0.04	<0.01	0.04
Total Kjeldahl Nitrogen	mg/L	0.2	<0.1	<0.1	<0.1
Total Nitrogen as N (TKN + NOx)	mg/L	0.3	<0.1	<0.1	<0.1
Ortho-Phosphate (as P)	mg/L	<0.03	<0.03	0.01	0.01
Total Phosphorus	mg/L	<0.03	<0.03	0.01	0.03
Temperature	°C	13.4	12.6	15.4	19.3
pH	pH Units	8	8	8.4	7.8
Conductivity	mS/cm	44.2	46.3	51	49.4
Salinity	PSS	28	29.4	32.9	32
Dissolved Oxygen	mg/L	7.7	9	8.8	6.8
Turbidity	NTU	1.7	0.8	25.3	2.6
Date and Time of Sampling		4/07/2008 10:00	4/08/2008 10:35	2/09/2008 10:30	1/10/2008 10:10
Total Suspended Solids (@ 105°C)	mg/L	6	7	4	4

Narara Creek

		374052	377630	381019	384681
		4-Jul-08	4-Aug-08	2-Sep-08	1-Oct-08
		Narara Creek	Narara Creek	Narara Creek	Narara Creek
BOD (5-Day)	mg/L	<2	<2	3	<2
Chlorophyll a	µg/L	1	<1	12	7
Enterococci	CFU/100mL	18	73	75	100
Thermotolerant Coliforms	CFU/100mL	<10	9	34	5
Ammonia Nitrogen as N	mg/L	0.31	0.13	0.05	0.08
NOx	mg/L	0.09	0.07	0.04	0.06
Total Kjeldahl Nitrogen	mg/L	0.4	<0.1	0.3	0.2
Total Nitrogen as N (TKN + NOx)	mg/L	0.5	<0.1	0.3	0.3
Ortho-Phosphate (as P)	mg/L	<0.03	<0.03	0.01	0.01
Total Phosphorus	mg/L	<0.03	<0.03	0.03	0.03
Temperature	°C	13	11.7	14.6	18.7
pH	pH Units	7.5	7.2	7.9	7.1
Conductivity	mS/cm	38	41.2	40.7	41.2
Salinity	PSS	23.7	25.8	25.5	26.1
Dissolved Oxygen	mg/L	8.1	7.9	7.8	5.1
Turbidity	NTU	7.2	22.5	25.4	1.5
Date and Time of Sampling		4/07/2008 9:45	4/08/2008 10:15	2/09/2008 10:15	1/10/2008 9:50
Total Suspended Solids (@ 105°C)	mg/L	7	34	9	2

Woy Woy Creek

		374053	377631	381020
		4-Jul-08	4-Aug-08	2-Sep-08
		Woy Woy Creek	Woy Woy Creek	Woy Woy Creek
BOD (5-Day)	mg/L	<2	<2	<2
Chlorophyll a	µg/L	<1	<1	1
Enterococci	CFU/100mL	45	18	16
Thermotolerant Coliforms	CFU/100mL	<10	<10	<2
Ammonia Nitrogen as N	mg/L	0.01	<0.01	0.01
NOx	mg/L	0.05	0.02	<0.01
Total Kjeldahl Nitrogen	mg/L	0.1	<0.1	0.1
Total Nitrogen as N (TKN + NOx)	mg/L	0.2	<0.1	0.1
Ortho-Phosphate (as P)	mg/L	<0.03	<0.03	<0.01
Total Phosphorus	mg/L	<0.03	<0.03	<0.01
Temperature	°C	14.2	14.3	16.7
pH	pH Units	8.1	8.2	8.4
Conductivity	mS/cm	45.1	49.1	51
Salinity	PSS	28.7	31.5	33
Dissolved Oxygen	mg/L	8.6	8.9	8.8
Turbidity	NTU	31.2	24.1	6.2
Date and Time of Sampling		4/07/2008 13:10	4/08/2008 13:15	2/09/2008 13:10
Total Suspended Solids (@ 105°C)	mg/L	4	4	10

384682
1-Oct-08
Woy Woy Creek
<2
3
28
<2
0.1
<0.01
<0.1
<0.1
0.01
0.03
22
7.8
49.2
32
6.9
3.5
1/10/2008 12:25
4

Cockle Creek

		374045	377623	381012
		4-Jul-08	4-Aug-08	2-Sep-08
		Cockle Creek	Cockle Creek	Cockle Creek
BOD (5-Day)	mg/L	<2	<2	<2
Chlorophyll a	µg/L	<1	<1	<1
Enterococci	CFU/100mL	136	18	51
Thermotolerant Coliforms	CFU/100mL	<10	<10	20
Ammonia Nitrogen as N	mg/L	0.02	<0.01	0.01
NOx	mg/L	0.03	0.02	<0.01
Total Kjeldahl Nitrogen	mg/L	0.3	<0.1	0.3
Total Nitrogen as N (TKN + NOx)	mg/L	0.3	<0.1	0.3
Ortho-Phosphate (as P)	mg/L	<0.03	<0.03	<0.03
Total Phosphorus	mg/L	<0.03	<0.03	<0.03
Temperature	°C	14.5	14.1	18.1
pH	pH Units	8.2	8.2	8.4
Conductivity	mS/cm	47.7	51.6	52.2
Salinity	PSS	30.5	33.4	34
Dissolved Oxygen	mg/L	9.9	10.2	9
Turbidity	NTU	33.8	24.1	1.3
Date and Time of Sampling		4/07/2008 12:40	4/08/2008 12:40	2/09/2008 12:30
Total Suspended Solids (@ 105°C)	mg/L	7	6	8

384674
1-Oct-08
Cockle Creek
<2
1
48
2
<0.01
0.04
<0.1
<0.1
<0.01
0.02
21.1
7.9
51.5
33.6
7.5
3.7
1/10/2008 11:50
5

Booker Bay

		374044	377622	381011
		4-Jul-08	4-Aug-08	2-Sep-08
		Booker Bay	Booker Bay	Booker Bay
BOD (5-Day)	mg/L	<2	<2	<2
Chlorophyll a	µg/L	1	<1	1
Enterococci	CFU/100mL	36	9	5
Thermotolerant Coliforms	CFU/100mL	<10	<10	<2
Ammonia Nitrogen as N	mg/L	0.02	0.01	0.02
NOx	mg/L	0.04	0.02	<0.01
Total Kjeldahl Nitrogen	mg/L	0.2	<0.1	0.2
Total Nitrogen as N (TKN + NOx)	mg/L	0.2	<0.1	0.2
Ortho-Phosphate (as P)	mg/L	<0.03	<0.03	<0.03
Total Phosphorus	mg/L	<0.03	<0.03	<0.03
Temperature	°C	15.3	13.8	15.7
pH	pH Units	8.2	8.1	8.5
Conductivity	mS/cm	51.6	52.9	54
Salinity	PSS	33.3	34.2	35.1
Dissolved Oxygen	mg/L	7.7	9.3	8.5
Turbidity	NTU	17.1	20.6	19.3
Date and Time of Sampling		4/07/2008 12:55	4/08/2008 12:55	2/09/2008 12:50
Total Suspended Solids (@ 105°C)	mg/L	6	29	4

384673
1-Oct-08
Booker Bay
 <2
 3
 3
 <2
 <0.01
 0.03
 <0.1
 <0.1
 <0.01
 0.02
 18.2
 8
 53.5
 34.8
 7.9
 3
1/10/2008 12:15
 8

Piles Creek

		374043	377621	381010
		4-Jul-08	4-Aug-08	2-Sep-08
		Piles Creek	Piles Creek	Piles Creek
BOD (5-Day)	mg/L	<2	<2	<2
Chlorophyll a	µg/L	<1	<1	<1
Enterococci	CFU/100mL	36	100	3900
Thermotolerant Coliforms	CFU/100mL	<10	127	610
Ammonia Nitrogen as N	mg/L	0.02	0.05	0.05
NOx	mg/L	2.8	0.62	0.73
Total Kjeldahl Nitrogen	mg/L	0.4	0.3	0.5
Total Nitrogen as N (TKN + NOx)	mg/L	3.2	0.9	1.2
Ortho-Phosphate (as P)	mg/L	<0.07	0.01	0.02
Total Phosphorus	mg/L	<0.07	0.01	0.03
Temperature	°C	9.1	9.4	12.5
pH	pH Units	7.7	7.2	7
Conductivity	mS/cm	0.2	0.2	0.2
Salinity	PSS	0.1	0.1	0.1
Dissolved Oxygen	mg/L	11.6	11.1	10.7
Turbidity	NTU	41.6	35.3	28.3
Date and Time of Sampling		4/07/2008 9:15	4/08/2008 9:45	2/09/2008 9:45
Total Suspended Solids (@ 105°C)	mg/L	7	3	8

384672
1-Oct-08
Piles Creek
 <2
 <1
 44
 28
 0.02
 2
 0.4
 2.4
 <0.03
 <0.03
 16.8
 7
 0.2
 0.1
 7.5
 5.2
1/10/2008 9:30
 3

Trip Blank

		374054	377632	381021	384683
		4-Jul-08	4-Aug-08	2-Sep-08	1-Oct-08
		Trip Blank	Trip Blank	Trip Blank	Trip Blank
Enterococci	CFU/100mL	<1	<10	<2	<2
Thermotolerant Coliforms	CFU/100mL		<10	<2	<2

Field Blank

		374055	377633	381022
		4-Jul-08	4-Aug-08	2-Sep-08
		Field Blank - Narara Creek	Field Blank - Erina Creek	Wamberal Lagoon - Field Blank
Enterococci	CFU/100mL	<10	<10	<2
Thermotolerant Coliforms	CFU/100mL		<10	<2

384684
1-Oct-08
Terrigal Lagoon - Field Blank
<2
<2

Information

		374056	377634	381023	384685
		4-Jul-08	4-Aug-08	2-Sep-08	1-Oct-08
		Information	Information	Information	Information
High Tide Level	m	2.05	1.45	1.53	1.62
High Tide Time		0 21:17:00	0 10:23:00	0 09:47:00	0 09:12:00
Rainfall For Preceding 48 Hours	mm	0.4	0	0.2	0
Rainfall For Preceding 7 Days	mm	1	12	17	0