

Measurement Report with Limits 3/26/10

MELBOURNE WATER & SEWER AR0020036, Expiration: 8/31/10

001A

AFIN 33-00026

BOD, carbonaceous, 05 day, 20 C 80082 Monitoring Location = 1

Limit Start Date = 05/01/2000 Limit End Date = 04/30/2005
Season 0 (-May--Jun--Jul--Aug--Sep--Oct-)

	34	10	15
	lb/d Q1	mg/L C2	mg/L C3
	MO AVG	MO AVG	7 DA AVG
5/31/05	2.5	2	2
6/30/05	1.7	2	2
7/31/05	3.1	3	3
8/31/05	2.9	3	4

Limit Start Date = 09/01/2005 Limit End Date = 08/31/2010
Season 0 (-May--Jun--Jul--Aug--Sep--Oct-)

	34	10	15
	lb/d Q1	mg/L C2	mg/L C3
	MO AVG	MO AVG	7 DA AVG
9/30/05	3.6	3	4
10/31/05	2.56	2	2
5/31/06	3.1	3	3
6/30/06	1.7	2	2
7/31/06	2.7	3	3
8/31/06	2	<2	<2
9/30/06	4.4	3	3
10/31/06	Not Received	Not Received	Not Received
5/31/07	3.2	4	4
6/30/07	3.4	2	3
7/31/07	2.4	2	2
8/31/07	3	3	4
9/30/07	1.4	2	2
10/31/07	Not Received	Not Received	Not Received
5/31/08	6	6	7
6/30/08	5.1	5	5
7/31/08	1.5	2	3
8/31/08	6.5	4	5
9/30/08	2.8	2	2
10/31/08	5	3	3
5/31/09	4.4	<2	<2
6/30/09	3	<2	<2
7/31/09	2.8	3	4
8/31/09	3.6	4	5
9/30/09	2.3	3	3
10/31/09	Not Received	Not Received	Not Received

CBOD 5
No violations

Limit Start Date = 05/01/2000 Limit End Date = 04/30/2005
Season 1 (-Jan--Feb--Mar--Apr--Nov--Dec-)

	103	30	45
	lb/d Q1	mg/L C2	mg/L C3
	MO AVG	MO AVG	7 DA AVG
3/31/05	4.4	2	3
4/30/05	6.1	4	4

Limit Start Date = 09/01/2005 Limit End Date = 08/31/2010
Season 1 (-Jan--Feb--Mar--Apr--Nov--Dec-)

MELBOURNE WATER & SEWER AR0020036. Expiration: 8/31/10

	85 lb/d Q1 MO AVG	25 mg/L C2 MO AVG	40 mg/L C3 7 DA AVG
11/30/05	3.4	3	4
12/31/05	4.4	4	5
1/31/06	3.3	2	3
2/28/06	3.9	2	3
3/31/06	4	2	2
4/30/06	2.2	2	2
11/30/06	3.6	2	3
12/31/06	5.4	4	4
1/31/07	6.6	3	4
2/28/07	4.9	3	5
3/31/07	4.1	3	3
4/30/07	5.1	5	5
11/30/07	3.6	3	3
12/31/07	4.2	3	3
1/31/08	5.5	4	4
2/29/08	6.6	5	5
3/31/08	11.1	4	4
4/30/08	Not Received	Not Received	Not Received
11/30/08	2.4	3	3
12/31/08	1.7	2	2
1/31/09	3	3	3
2/28/09	3.6	3	4
3/31/09	3.7	2	3
4/30/09	4.7	2	3
11/30/09	Not Received	Not Received	Not Received
12/31/09	1.8	<2	<2
1/31/10	4.5	3	4
2/28/10	Not Received	Not Received	Not Received

*CBODS
no violations*

Chlorine, total residual 50060 Monitoring Location = 1

Limit Start Date = 05/01/2000 Limit End Date = 04/30/2005
Season 0 (-Jan--Feb--Mar--Apr--May--Jun--Jul--Aug--Sep--Oct--Nov--Dec-)

	.1 mg/L C3 INST MAX
3/31/05	0.09
4/30/05	0
5/31/05	0.01
6/30/05	0.02
7/31/05	0.07
8/31/05	0.03

Limit Start Date = 09/01/2005 Limit End Date = 08/31/2010
Season 0 (-Jan--Feb--Mar--Apr--May--Jun--Jul--Aug--Sep--Oct--Nov--Dec-)

	.1
	mg/L C3
	INST MAX
9/30/05	0.03
10/31/05	0.01
11/30/05	0.02
12/31/05	0.01
1/31/06	0.05
2/28/06	0.04
3/31/06	0.04
4/30/06	0
5/31/06	0
6/30/06	0.01
7/31/06	0
8/31/06	0.1
9/30/06	0
10/31/06	0.05
11/30/06	0.01
12/31/06	0.02
1/31/07	0.01
2/28/07	0.1
3/31/07	0.04
4/30/07	0.03
5/31/07	0.02
6/30/07	0.04
7/31/07	0.05
8/31/07	0.03
9/30/07	0.03
10/31/07	0.1
11/30/07	0.01
12/31/07	0.04
1/31/08	0.04
2/29/08	0.1
3/31/08	0.02
4/30/08	0.04
5/31/08	0
6/30/08	0
7/31/08	0.01
8/31/08	0.02
9/30/08	0.04
10/31/08	0.01
11/30/08	0.23
12/31/08	0.02
1/31/09	0
2/28/09	0.02
3/31/09	0.01
4/30/09	0.05
5/31/09	<0.01
6/30/09	<0.01
7/31/09	0.01
8/31/09	0.01
9/30/09	0.02
10/31/09	Not Received
11/30/09	Not Received
12/31/09	0.03
1/31/10	0.02
2/28/10	Not Received

TPC

Violation

2 reports not received

Coliform, fecal general 74055 Monitoring Location = 1

Limit Start Date = 05/01/2000 Limit End Date = 04/30/2005
 Season 0 (-Apr--May--Jun--Jul--Aug--Sep-)

MELBOURNE WATER & SEWER AR0020036. Expiration: 8/31/10

	200 #/100mL C2 30DA GEO	400 #/100mL C3 7 DA GEO
4/30/05	1	1
5/31/05	1	<2
6/30/05	9	10
7/31/05	1	2
8/31/05	5	12

Limit Start Date = 09/01/2005 Limit End Date = 08/31/2010
Season 0 (-Apr--May--Jun--Jul--Aug--Sep-)

	200 #/100mL C2 30DA GEO	400 #/100mL C3 7 DA GEO
9/30/05	4	14
4/30/06	6	17
5/31/06	3	3
6/30/06	22	249
7/31/06	11	14
8/31/06	21	29
9/30/06	2	5
4/30/07	1	1
5/31/07	5	25
6/30/07	2	3
7/31/07	<1	<1
8/31/07	<1	<1
9/30/07	3	11
4/30/08	62	68
5/31/08	62	212
6/30/08	193	932
7/31/08	32	48
8/31/08	18	39
9/30/08	49	49
4/30/09	8	12
5/31/09	11	116
6/30/09	11	20
7/31/09	14	16
8/31/09	114	272
9/30/09	41	139

FCTB

ONE violation

Limit Start Date = 05/01/2000 Limit End Date = 04/30/2005
Season 1 (-Jan--Feb--Mar--Oct--Nov--Dec-)

	1000 #/100mL C2 30DA GEO	2000 #/100mL C3 7 DA GEO
3/31/05	4	10

Limit Start Date = 09/01/2005 Limit End Date = 08/31/2010
Season 1 (-Jan--Feb--Mar--Oct--Nov--Dec-)

MELBOURNE WATER & SEWER AR0020036, Expiration: 8/31/10

	1000 #/100mL C2 30DA GEO	2000 #/100mL C3 7 DA GEO
10/31/05	16	81
11/30/05	3	4
12/31/05	1	1
1/31/06	3	4
2/28/06	3	10
3/31/06	3	10
10/31/06	1	1
11/30/06	4	5
12/31/06	5	21
1/31/07	<1	<1
2/28/07	<1	<1
3/31/07	<1	<1
10/31/07	3	8
11/30/07	3	6
12/31/07	22	23
1/31/08	9	76
2/29/08	46	67
3/31/08	30	31
10/31/08	29	51
11/30/08	<1	<2
12/31/08	5	14
1/31/09	39	63
2/28/09	7	13
3/31/09	8	9
10/31/09	Not Received	Not Received
11/30/09	Not Received	Not Received
12/31/09	4	20
1/31/10	132	423
2/28/10	Not Received	Not Received

2 not received

Flow, in conduit or thru treatment plant 50050 Monitoring Location = 1

Limit Start Date = 05/01/2000 Limit End Date = 04/30/2005
 Season 0 (-Jan--Feb--Mar--Apr--May--Jun--Jul--Aug--Sep--Oct--Nov--Dec-)

	Req. Mon. Mgal/d Q1 MO AVG	Req. Mon. Mgal/d Q2 DAILY MX
3/31/05	0.162	0.391
4/30/05	0.169	0.331
5/31/05	0.146	0.179
6/30/05	0.145	0.151
7/31/05	0.118	0.222
8/31/05	0.101	0.188

Limit Start Date = 09/01/2005 Limit End Date = 08/31/2010
 Season 0 (-Jan--Feb--Mar--Apr--May--Jun--Jul--Aug--Sep--Oct--Nov--Dec-)

MELBOURNE WATER & SEWER AR0020036. Expiration: 8/31/10

	Req. Mon. Mgal/d Q1 MO AVG	Req. Mon. Mgal/d Q2 DAILY MX
9/30/05	0.1449	0.2752
10/31/05	0.1284	0.1682
11/30/05	0.1173	0.354
12/31/05	0.1423	0.1697
1/31/06	0.1586	0.2721
2/28/06	0.1513	0.209
3/31/06	0.215	0.583
4/30/06	0.1573	0.2026
5/31/06	0.1693	0.4651
6/30/06	0.11	0.172
7/31/06	0.1225	0.2006
8/31/06	0.1206	0.317
9/30/06	0.185	0.435
10/31/06	0.2112	0.426
11/30/06	0.2489	0.7145
12/31/06	0.209	0.596
1/31/07	0.2645	0.6482
2/28/07	0.192	0.402
3/31/07	0.163	0.306
4/30/07	0.172	0.306
5/31/07	0.115	0.176
6/30/07	0.1207	0.2805
7/31/07	0.1306	0.1785
8/31/07	0.131	0.166
9/30/07	0.1188	0.1855
10/31/07	0.153	0.397
11/30/07	0.149	0.199
12/31/07	0.199	0.501
1/31/08	0.1572	0.189
2/29/08	0.1821	0.3163
3/31/08	0.264	0.714
4/30/08	0.205	0.56
5/31/08	0.108	0.248
6/30/08	0.162	0.294
7/31/08	0.173	Not Received
8/31/08	0.178	0.379
9/30/08	0.253	0.794
10/31/08	0.023	0.381
11/30/08	0.122	0.186
12/31/08	0.103	0.1997
1/31/09	0.125	0.574
2/28/09	0.17	0.262
3/31/09	0.2	0.314
4/30/09	0.215	0.336
5/31/09	0.262	0.427
6/30/09	0.177	0.304
7/31/09	0.1163	0.2909
8/31/09	0.098	0.169
9/30/09	0.136	0.388
10/31/09	Not Received	Not Received
11/30/09	Not Received	Not Received
12/31/09	0.1508	0.5856
1/31/10	0.179	0.415
2/28/10	Not Received	Not Received

Nitrogen, ammonia total (as N) 00610 Monitoring Location = 1

Limit Start Date = 05/01/2000 Limit End Date = 04/30/2005
 Season 0 (-May--Jun--Jul--Aug--Sep--Oct-)

	14 lb/d Q1 MO AVG	4 mg/L C2 MO AVG	6 mg/L C3 7 DA AVG
5/31/05	0.12	0.1	0.1
6/30/05	0.08	0.1	0.1
7/31/05	0.1	0.1	0.1
8/31/05	0.35	0.4	0.7

MELBOURNE WATER & SEWER AR0020036, Expiration: 8/31/10

Limit Start Date = 09/01/2005 Limit End Date = 08/31/2010

Season 0 (-Apr--May--Jun--Jul--Aug--Sep--Oct-)

	Req. Mon.	Req. Mon.	3.9
	lb/d Q1	mg/L C2	mg/L C3
	MO AVG	MO AVG	7 DA AVG
9/30/05	0.12	0.1	0.1
10/31/05	0.19	0.15	0.2
4/30/06	0.11	<0.1	<0.1
5/31/06	0.12	<0.1	<0.1
6/30/06	0.08	0.1	0.1
7/31/06	0.09	<0.1	<0.1
8/31/06	0.1	0.1	0.1
9/30/06	0.17	<0.1	<0.1
10/31/06	0.2	0.2	0.2
4/30/07	0.11	0.1	0.1
5/31/07	0.09	<0.1	<0.1
6/30/07	0.27	0.2	0.2
7/31/07	0.12	0.1	0.1
8/31/07	0.19	0.2	0.3
9/30/07	0.07	<0.1	<0.1
10/31/07	0.3	0.2	0.2
4/30/08	0.11	0.1	0.1
5/31/08	0.1	<0.1	<0.1
6/30/08	0.11	<0.1	<0.1
7/31/08	0.06	<0.1	<0.1
8/31/08	0.25	0.2	0.2
9/30/08	0.14	<0.1	<0.1
10/31/08	0.19	<0.1	<0.1
4/30/09	0.19	<0.1	<0.1
5/31/09	0.22	<0.1	<0.1
6/30/09	0.15	<0.1	<0.1
7/31/09	0.09	<0.1	<0.1
8/31/09	0.08	0.1	0.1
9/30/09	0.09	<0.1	<0.1
10/31/09	Not Received	Not Received	Not Received

*NH3-N
no isolations*

Limit Start Date = 05/01/2000 Limit End Date = 04/30/2005

Season 1 (-Jan--Feb--Mar--Apr--Nov--Dec-)

	41	12	18
	lb/d Q1	mg/L C2	mg/L C3
	MO AVG	MO AVG	7 DA AVG
3/31/05	0.19	0.1	0.1
4/30/05	0.17	0.1	0.1

Limit Start Date = 09/01/2005 Limit End Date = 08/31/2010

Season 1 (-Jan--Feb--Mar--Nov--Dec-)

MELBOURNE WATER & SEWER AR0020036. Expiration: 8/31/10

	Req. Mon. lb/d Q1 MO AVG	Req. Mon. mg/L C2 MO AVG	10.3 mg/L C3 7 DA AVG
11/30/05	0.11	<0.1	<0.1
12/31/05	0.54	0.5	0.8
1/31/06	0.14	0.1	0.1
2/28/06	0.16	<0.1	<0.1
3/31/06	0.2	<0.1	<0.1
11/30/06	0.15	0.1	0.1
12/31/06	0.75	0.5	0.8
1/31/07	0.48	0.3	0.4
2/28/07	0.15	<0.1	<0.1
3/31/07	0.14	<0.1	<0.1
11/30/07	0.29	0.2	0.2
12/31/07	0.16	0.1	0.1
1/31/08	0.79	0.6	1.1
2/29/08	0.15	<0.1	<0.1
3/31/08	0.29	<0.1	<0.1
11/30/08	0.09	<0.1	<0.1
12/31/08	0.14	0.2	0.2
1/31/09	0.16	0.2	0.2
2/28/09	0.35	0.3	0.4
3/31/09	0.15	0.1	0.1
11/30/09	Not Received	Not Received	Not Received
12/31/09	0.09	<0.1	<0.1
1/31/10	0.14	0.1	0.1
2/28/10	Not Received	Not Received	Not Received

Handwritten note:
 2/1/3-10
 No maintenance

Oxygen, dissolved (DO) 00300 Monitoring Location = 1

Limit Start Date = 05/01/2000 Limit End Date = 04/30/2005
 Season 0 (-Jan--Feb--Mar--Apr--May--Jun--Jul--Aug--Sep--Oct--Nov--Dec-)

	6 mg/L C1 INST MIN
3/31/05	10.1
4/30/05	7.7
5/31/05	8.1
6/30/05	8.8
7/31/05	7.9
8/31/05	6

Limit Start Date = 09/01/2005 Limit End Date = 08/31/2010
 Season 0 (-Jan--Feb--Mar--Apr--May--Jun--Jul--Aug--Sep--Oct--Nov--Dec-)

MELBOURNE WATER & SEWER AR0020036, Expiration: 8/31/10

	6
	mg/L C1
	MO AV MN
9/30/05	8.5
10/31/05	7.4
11/30/05	9.6
12/31/05	10.1
1/31/06	9.7
2/28/06	10.4
3/31/06	9.1
4/30/06	9
5/31/06	7.8
6/30/06	7.2
7/31/06	6.8
8/31/06	7.6
9/30/06	6.2
10/31/06	8.8
11/30/06	8.4
12/31/06	9.3
1/31/07	9.2
2/28/07	8.8
3/31/07	8.4
4/30/07	7.8
5/31/07	7.2
6/30/07	6.9
7/31/07	6.8
8/31/07	6.5
9/30/07	6.75
10/31/07	9.55
11/30/07	9.6
12/31/07	11.35
1/31/08	12.5
2/29/08	11.3
3/31/08	11.15
4/30/08	10.2
5/31/08	9.1
6/30/08	8
7/31/08	8.35
8/31/08	7.75
9/30/08	8.65
10/31/08	9.35
11/30/08	8.85
12/31/08	10.65
1/31/09	11.15
2/28/09	11.35
3/31/09	10.55
4/30/09	9.5
5/31/09	8.7
6/30/09	8.1
7/31/09	8.1
8/31/09	6.3
9/30/09	8
10/31/09	Not Received
11/30/09	Not Received
12/31/09	9.5
1/31/10	10.8
2/28/10	Not Received

DO
no violations
2 not received

pH 00400 Monitoring Location = 1

Limit Start Date = 05/01/2000 Limit End Date = 04/30/2005
Season 0 (-Jan--Feb--Mar--Apr--May--Jun--Jul--Aug--Sep--Oct--Nov--Dec-)

MELBOURNE WATER & SEWER AR0020036, Expiration: 8/31/10

	6	9
	SU C1	SU C3
	MINIMUM	MAXIMUM
3/31/05	7.33	7.58
4/30/05	7.31	7.49
5/31/05	7.14	7.49
6/30/05	7.3	7.67
7/31/05	7.31	7.39
8/31/05	6.73	7.72

Limit Start Date = 09/01/2005 Limit End Date = 08/31/2010
 Season 0 (-Jan--Feb--Mar--Apr--May--Jun--Jul--Aug--Sep--Oct--Nov--Dec-)

	6	9
	SU C1	SU C3
	MINIMUM	MAXIMUM
9/30/05	7.45	7.56
10/31/05	7.17	7.7
11/30/05	7.38	7.45
12/31/05	7.36	7.42
1/31/06	7.39	7.39
2/28/06	7.43	7.53
3/31/06	7.23	7.51
4/30/06	7.45	7.47
5/31/06	7.18	7.5
6/30/06	7.34	7.7
7/31/06	7.04	7.07
8/31/06	7.4	7.46
9/30/06	6.84	7.38
10/31/06	7.12	7.62
11/30/06	7.35	7.51
12/31/06	7.33	7.47
1/31/07	7.34	7.41
2/28/07	7.16	7.64
3/31/07	7.26	7.43
4/30/07	7.42	7.43
5/31/07	7.13	7.29
6/30/07	7.28	7.61
7/31/07	7.39	7.54
8/31/07	7.31	7.37
9/30/07	7.35	7.55
10/31/07	7.23	7.6
11/30/07	7.28	7.43
12/31/07	7.44	7.66
1/31/08	7.32	7.74
2/29/08	7.37	7.76
3/31/08	7.38	7.42
4/30/08	7.21	7.42
5/31/08	6.98	7.32
6/30/08	7.09	7.49
7/31/08	7.04	7.47
8/31/08	7.03	7.29
9/30/08	7.36	7.51
10/31/08	7.42	7.47
11/30/08	7.06	7.14
12/31/08	7.42	7.64
1/31/09	6.9	7.59
2/28/09	7.09	7.49
3/31/09	7.03	7.37
4/30/09	6.97	7.26
5/31/09	6.97	7.28
6/30/09	7.01	7.4
7/31/09	6.89	7.28
8/31/09	6.01	6.79
9/30/09	6.7	6.9
10/31/09	Not Received	Not Received
11/30/09	Not Received	Not Received
12/31/09	7.33	7.53
1/31/10	7.41	7.63
2/28/10	Not Received	Not Received

pH

No isolations

MELBOURNE WATER & SEWER AR0020036, Expiration: 8/31/10

Solids, total suspended 00530 Monitoring Location = 1

Limit Start Date = 05/01/2000 Limit End Date = 04/30/2005
 Season 0 (-May--Jun--Jul--Aug--Sep--Oct-)

	51 lb/d Q1 MO AVG	15 mg/L C2 MO AVG	23 mg/L C3 7 DA AVG
5/31/05	3.9	3	5
6/30/05	3.7	4	5
7/31/05	1.6	2	2
8/31/05	2.7	3	4

Limit Start Date = 09/01/2005 Limit End Date = 08/31/2010
 Season 0 (-May--Jun--Jul--Aug--Sep--Oct-)

	51 lb/d Q1 MO AVG	15 mg/L C2 MO AVG	23 mg/L C3 7 DA AVG
9/30/05	4.9	4	7
10/31/05	2.58	2	3
5/31/06	6	5	7
6/30/06	5.5	7	7
7/31/06	0.9	1	1
8/31/06	5.6	6	6
9/30/06	2.5	1	2
10/31/06	5.8	4	5
5/31/07	2.1	2	2
6/30/07	6.9	5	5
7/31/07	9.1	8	11
8/31/07	5	5	5
9/30/07	1.1	2	2
10/31/07	6	4	4
5/31/08	24.4	25	61
6/30/08	1.4	1	2
7/31/08	4.4	7	15
8/31/08	3.2	2	3
9/30/08	4.4	3	4
10/31/08	1.9	1	1
5/31/09	6	3	4
6/30/09	3	2	3
7/31/09	2.4	3	4
8/31/09	2.4	3	4
9/30/09	3.8	4	6
10/31/09	Not Received	Not Received	Not Received

2 violations
TSS

Limit Start Date = 05/01/2000 Limit End Date = 04/30/2005
 Season 1 (-Jan--Feb--Mar--Apr--Nov--Dec-)

	103 lb/d Q1 MO AVG	30 mg/L C2 MO AVG	45 mg/L C3 7 DA AVG
3/31/05	10.6	6	9
4/30/05	11.1	7	7

Limit Start Date = 09/01/2005 Limit End Date = 08/31/2010
 Season 1 (-Jan--Feb--Mar--Apr--Nov--Dec-)

MELBOURNE WATER & SEWER AR0020036. Expiration: 8/31/10

	103 lb/d Q1 MO AVG	30 mg/L C2 MO AVG	45 mg/L C3 7 DA AVG
11/30/05	5.8	5	9
12/31/05	6.6	6	10
1/31/06	3.1	2	3
2/28/06	3.3	2	3
3/31/06	7.3	4	5
4/30/06	3.5	3	4
11/30/06	3.5	2	4
12/31/06	9.1	6	6
1/31/07	11.4	6	6
2/28/07	8.9	6	6
3/31/07	3.9	3	5
4/30/07	20.9	19	28
11/30/07	5.3	4	6
12/31/07	8.1	5	11
1/31/08	12.3	9	9
2/29/08	12.4	9	9
3/31/08	47.3	16	20
4/30/08	4.1	4	5
11/30/08	5.1	6	7
12/31/08	3	3	4
1/31/09	8.6	9	15
2/28/09	10	8	9
3/31/09	8.1	6	7
4/30/09	8.4	4	8
11/30/09	Not Received	Not Received	Not Received
12/31/09	4.8	5	6
1/31/10	12.2	9	10
2/28/10	Not Received	Not Received	Not Received

TSS
No Violations