

**Environmental Monitoring Report
Broadwater Sugar Mill
117 Baraang Drive, Broadwater, NSW**



*100%
Locally grown
Australian owned
Certified sustainable*

Licencee NSW Sugar Milling Co-operative Ltd and
Manildra Stockfeeds (Manufacturing) Pty Ltd
Address Suite 1, Level 1, Cnr Martin & River Streets Ballina NSW 2478
EPL No 172 <http://www.epa.nsw.gov.au/prpoeoapp/>

This data is published under section 66(6) of the
Protection of the Environment Operations Act 1997

EPA ENVIRONMENTAL MONITORING SUMMARY REPORT

Last Published: 18/09/2026

Licence: Manildra Harwood Sugars T/As Sunshine Sugar

Location: Broadwater Sugar Mill

Address: 117 Pacific Highway, Broadwater

EPL No: 172

Limits: 90% of sample results must be below the prescribed 90th percentile limit. Max limit is the maximum permissible discharge value. n/a = not applicable

> bgd: The results of the concentrations for the parameters BOD and TSS at point 2 are reported as the level above background. The values are determined by subtracting background monitoring results at point 3 from the values of monitoring at point 4.

Annual Summary Period: 18-Sep-25

18-Sep-26

2023 Season Start Date: 24-Jun-24

2023 End Date:

22-Dec-24

The mill operates seasonally which is typically from June to Dec.

2024 Season Start Date: 16-Jun-25

2024 End Date:

12-Dec-25

No data is reported between seasons as no cooling water discharges occur.

Monitoring Point ID	Source	Parameter	Sampling Frequency	Unit	Samples Required	Limits			Samples Obtained	RESULTS			Exceedances	
						Min	90%	Max		Min	Mean	Max	90%	Max
2	Cooling Water Discharge	BOD ₅	Fortnightly Composite	mg/L	13	n/a	45	50	20	4.9	28.9	125.1	Yes	2
2	Cooling Water Discharge	TSS	Fortnightly Composite	mg/L	13	n/a	20	25	20	-53.0	-6.2	16.0	No	0
2	Cooling Water Discharge	pH	Fortnightly Representative	pH	13	6.5	n/a	8.5	20	6.9	7.2	7.5	-	0
2	Cooling Water Discharge	Temperature	Fortnightly Representative	°C	13	n/a	45	50	20	17.2	32.5	38.6	No	0
2	Cooling Water Discharge	Volume	Continuous	kL/day	Continuous	n/a	n/a	85,000	Continuous	0	49816	101919	-	1
3	River Water - Background	BOD ₅	Fortnightly Composite	mg/L	13	n/a	n/a	n/a	20	0.5	1.9	3.9	-	-
3	River Water - Background	TSS	Fortnightly Composite	mg/L	13	n/a	n/a	n/a	20	8.0	33.1	110.0	-	-
3	River Water - Background	pH	Fortnightly Representative	pH	13	n/a	n/a	n/a	20	7.0	7.5	7.7	-	-
3	River Water - Background	Temperature	Fortnightly Representative	°C	13	n/a	n/a	n/a	20	17.1	23.7	29.3	-	-
4	Mill Torri Drain	BOD ₅	Fortnightly Composite	mg/L	13	n/a	n/a	n/a	20	5.4	30.8	129.0	-	-
4	Mill Torri Drain	TSS	Fortnightly Composite	mg/L	13	n/a	n/a	n/a	20	3.0	26.9	126.0	-	-
4	Mill Torri Drain	pH	Fortnightly Representative	pH	13	n/a	n/a	n/a	20	6.9	7.2	7.5	-	-
4	Mill Torri Drain	Temperature	Fortnightly Representative	°C	13	n/a	n/a	n/a	20	17.2	32.5	38.6	-	-



Sampling Point:

Licencee

Location

EPL No

Parameters Monitored

Frequency & Method

Limit/s

Monitoring Point 2 - Mill Process and Cooling Water Discharge

Manildra Harwood Sugars

117 Pacific Highway, Broadwater

172

Biochemical Oxygen Demand and Total Suspended Solids (mg/L)

Fortnightly Composite

See table

Comments

Pecentile limit

A 90 percentile limit means 90% of results must be below this prescribed value. Maximum limit is the maximum permissible discharge value

> bgd:

Means the concentration of a relevant parmater above background levels over the corresponding parmaters in the discharge. The results are determined from subtracting background monitoring results at point 3 from the results of monitoring at point 4. The values in the table are provided as the level above background

Licence Limits

BOD₅ (mg/L)

TSS (mg/L)

90th Percentile

45>bgd

20>bgd

Maximum

50>bgd

25>bgd

Notes

Date Sampled

Date Results Obtained

Date Published

01-Nov-22

08-Nov-22

11-Nov-22

08-Nov-22

14-Nov-22

16-Dec-22

15-Nov-22

23-Nov-22

16-Dec-22

23-Nov-22

01-Dec-22

16-Dec-22

29-Nov-22

07-Dec-22

16-Dec-22

13-Dec-22

20-Dec-22

16-Jan-23

20-Dec-22

03-Jan-23

16-Jan-23

11-Jan-23

17-Jan-23

17-Feb-23

18-Jan-23

24-Jan-23

17-Feb-23

11-Jul-23

18-Jul-23

10-Aug-23

13-Jul-23

20-Jul-23

10-Aug-23

20-Jul-23

26-Jul-23

10-Aug-23

27-Jul-23

03-Aug-23

10-Aug-23

03-Aug-23

09-Aug-23

10-Aug-23

10-Aug-23

15-Aug-23

14-Sep-23

17-Aug-23

29-Aug-23

14-Sep-23

24-Aug-23

31-Aug-23

14-Sep-23

31-Aug-23

06-Sep-23

14-Sep-23

12-Sep-23

20-Sep-23

13-Oct-23

14-Sep-23

21-Sep-23

13-Oct-23

21-Sep-23

27-Sep-23

13-Oct-23

05-Oct-23

12-Oct-23

15-Dec-23

12-Oct-23

20-Oct-23

15-Dec-23

19-Oct-23

01-Nov-23

15-Dec-23

26-Oct-23

02-Nov-23

15-Dec-23

02-Nov-23

10-Nov-23

15-Dec-23

26-Jun-24

02-Jul-24

23-Jul-24

03-Jul-24

11-Jul-24

23-Jul-24

18-Jul-24

25-Jul-24

16-Aug-24

25-Jul-24

02-Aug-24

16-Aug-24

01-Aug-24

08-Aug-24

16-Aug-24

06-Aug-24

12-Aug-24

18-Sep-24

13-Aug-24

21-Aug-24

18-Sep-24

27-Aug-24

02-Sep-24

18-Sep-24

10-Sep-24

23-Sep-24

18-Oct-24

17-Sep-24

23-Sep-24

18-Oct-24

19-Sep-24

24-Sep-24

18-Oct-24

25-Sep-24

08-Oct-24

18-Oct-24

10-Oct-24

21-Oct-24

21-Nov-24

15-Oct-24

23-Oct-24

21-Nov-24

22-Oct-24

20-Nov-24

21-Nov-24

29-Oct-24

05-Nov-24

21-Nov-24

05-Nov-24

28-Nov-24

20-Dec-24

14-Nov-24

28-Nov-24

20-Dec-24

21-Nov-24

03-Dec-24

20-Dec-24

28-Nov-24

10-Dec-24

20-Dec-24

04-Dec-24

10-Dec-24

20-Dec-24

13-Dec-24

03-Jan-25

14-Jan-25

17-Dec-24

03-Jan-25

14-Jan-25

36.8

40.3

38.2

18.8

35.5

42.4

27.2

27.2

40.0

27.3

18.2

24.0

12.9

19.3

26.0

17.8

21.5

43.0

28.1

32.8

32.3

22.5

24.5

18.3

24.6

19.5

18.7

20.6

14.7

21.5

36.2

17.8

36.5

32.1

30.1

33.8

44.6

28.8

32.4

23.4

18.1

30.5

17.9

14.7

32.5

28.3

21.3

23.0

14.4

-5

4

1

-7

0

0

-8

-16

-19

-10

-2

0

2

-4

1

-4

3

5

1

4

-1

1

-2

-1

-1

-9

5

-8

13

-25

-1

6

-32

-7

2

0

4

-1

-5

-1

-1

-2

2

-30

-20

-13

-24

-3

-2

Shutdown





The logo for Sunshine Sugar, featuring the words "Sunshine" and "Sugar" in a blue, cursive script font, with a large yellow circle behind the text.

			Licence Limits	BOD ₅ (mg/L)	TSS (mg/L)	
Date Sampled	Date Results Obtained	Date Published	90 th Percentile	45>bmgd	20>bmgd	Notes
			Maximum	50>bmgd	25>bmgd	
17-Jun-25	24-Jun-25	11-Jul-25		10.0	11	
24-Jun-25	30-Jun-25	11-Jul-25		42.7	-11	
01-Jul-25	08-Jul-25	15-Aug-25		22.5	-1	
08-Jul-25	15-Jul-25	15-Aug-25		19.2	-2	
15-Jul-25	21-Jul-25	15-Aug-25		22.1	11	
31-Jul-25	06-Aug-25	15-Aug-25		40.4	4	Wet Weather Shutdown
19-Aug-25	27-Aug-25	15-Sep-25		28.9	-20	
28-Aug-25	03-Sep-25	15-Sep-25		56.2	5	Floodwater impacted cane producing high levels of ethanol in vapours - cooling water
02-Sep-25	09-Sep-25	15-Sep-25		40.3	-4	
09-Sep-25	18-Sep-25	09-Oct-25		45.1	-15	
16-Sep-25	25-Sep-25	09-Oct-25		16.5	-22	
30-Sep-25	10-Oct-25	14-Nov-25		56.8	-5	Floodwater impacted cane producing high levels of ethanol in vapours - cooling water
07-Oct-25	16-Oct-25	14-Nov-25		41.0	-53	
14-Oct-25	23-Oct-25	14-Nov-25		32.8	8	
21-Oct-25	31-Oct-25	14-Nov-25		47.7	-42	Investigating options for removing or reducing ethanol from processes and process water streams
28-Oct-25	05-Nov-25	14-Nov-25		125.1	0	Floodwater impacted cane producing high levels of ethanol in vapours - cooling water
04-Nov-25	10-Nov-25	14-Nov-25		31.0	-16	
07-Nov-25	17-Nov-25	12-Dec-25		4.9	16	
13-Nov-25	21-Nov-25	12-Dec-25		34.1	-3	
20-Nov-25	27-Nov-25	12-Dec-25		38.0	-5	
28-Nov-25	09-Dec-25	12-Dec-25		14.7	-6	
02-Dec-25	09-Dec-25	12-Dec-25		11.3	-28	
08-Jul-26	14-Jul-26	20-Aug-26		7.6	5	
14-Jul-26	20-Jul-26	20-Aug-26		20.6	-1	
30-Jul-26	06-Aug-26	20-Aug-26		13.1	5	
02-Aug-26	10-Aug-26	20-Aug-26		5.9	4	
11-Aug-26	17-Aug-26	20-Aug-26		21.8	0	
20-Aug-26	26-Aug-26	18-Sep-26		24.2	3	
28-Aug-26	07-Sep-26	18-Sep-26		14.2	-5	
01-Sep-26	07-Sep-26	18-Sep-26		14.7	0	
08-Sep-26	14-Sep-26	18-Sep-26		18.6	-1	

Sampling Point:	Monitoring Point 2 - Mill Process and Cooling Water Discharge		
Licencee	Manildra Harwood Sugars		
Location	117 Pacific Highway, Broadwater		
EPL No	172		
Parameters Monitored	pH and Temperature (°C)		
Frequency & Method	Fortnightly Representative Sample.		
Limit/s	See table		
Comments	Percentile limits:	A 90 percentile limit means 90% of results must be below this prescribed value. Maximum limit is the maximum permissible discharge value	



Date Sampled	Date Published	Licence Limits	pH	Temperature (°C)	Notes
		90 th Percentile		45	
		Maximum	6.5 - 8.5	50	
1-Nov-22	11-Nov-22		6.7	34	
8-Nov-22	16-Dec-22		6.7	33	
15-Nov-22	16-Dec-22		7.1	35	
23-Nov-22	16-Dec-22		7.2	32	
29-Nov-22	16-Dec-22		7.4	36	
13-Dec-22	16-Jan-23		7.7	34	
20-Dec-22	16-Jan-23		7.4	37	
11-Jan-23	17-Feb-23		7.7	36	
18-Jan-23	17-Feb-23		7.4	37	
11-Jul-23	10-Aug-23		6.9	29	
13-Jul-23	10-Aug-23		7.1	30	
20-Jul-23	10-Aug-23		7.2	32	
27-Jul-23	10-Aug-23		7.3	26	
3-Aug-23	10-Aug-23		7.1	32	
10-Aug-23	14-Sep-23		7.2	31	
17-Aug-23	14-Sep-23		7.3	30	
24-Aug-23	14-Sep-23		7.3	28	
31-Aug-23	14-Sep-23		7.3	32	
12-Sep-23	13-Oct-23		7.2	32	
14-Sep-23	13-Oct-23		7.2	33	
21-Sep-23	13-Oct-23		7.3	39	
5-Oct-23	15-Dec-23		7.3	33	
12-Oct-23	15-Dec-23		7.2	34	
19-Oct-23	15-Dec-23		7.3	32	
26-Oct-23	15-Dec-23		7.4	35	
2-Nov-23	15-Dec-23		7.2	35	
26-Jun-24	23-Jul-24		7.6	28	
3-Jul-24	23-Jul-24		7.4	25	
18-Jul-24	16-Aug-24		7.3	30	
25-Jul-24	16-Aug-24		7.2	30	
1-Aug-24	16-Aug-24		7.2	35	
6-Aug-24	18-Sep-24		7.2	31	
13-Aug-24	18-Sep-24		7.2	25	
27-Aug-24	18-Sep-24		6.6	31	
10-Sep-24	18-Oct-24		7.0	32	
17-Sep-24	18-Oct-24		7.1	34	
19-Sep-24	18-Oct-24		7.1	37	
25-Sep-24	18-Oct-24		7.2	35	
10-Oct-24	21-Nov-24		6.7	30	
15-Oct-24	21-Nov-24		6.9	32	
22-Oct-24	21-Nov-24		7.0	31	
29-Oct-24	21-Nov-24		6.9	31	
5-Nov-24	20-Dec-24		7.2	32	
14-Nov-24	20-Dec-24		7.1	34	
21-Nov-24	20-Dec-24		6.9	32	
28-Nov-24	20-Dec-24		7.1	33	
4-Dec-24	20-Dec-24		6.8	32	
13-Dec-24	14-Jan-25		6.7	38	
17-Dec-24	14-Jan-25		7.1	35	



Sampling Point: Monitoring Point 2 - Mill Process and Cooling Water Discharge
Licencee Manildra Harwood Sugars
Location 117 Pacific Highway, Broadwater
EPL No 172
Parameters Monitored Volume
Frequency & Method Continuous Approved Method
Limit/s 85000 k/L/day

The results in the table provide a fortnightly summary of the minimum, maximum and mean daily volume discharged in kilolitres per day for the period

Comments

MONITORING PERIOD		Volume k/L/day				Notes
Date Start	Date Finish	Date Published	Minimum Daily Discharge	Maximum Daily Discharge	Mean Daily Discharge	
30-Oct-22	5-Nov-22	11-Nov-22	48058.0	54267.0	50592.0	
6-Nov-22	12-Nov-22	16-Dec-22	30920.0	81095.0	50794.0	
13-Nov-22	19-Nov-22	16-Dec-22	51244.0	54124.0	53189.0	
20-Nov-22	26-Nov-22	16-Dec-22	39145.6	58914.3	54196.6	
27-Nov-22	3-Dec-22	16-Dec-22				Wrong sheet printed, data no longer available in FTP folder
4-Dec-22	10-Dec-22	16-Dec-22	48013.0	38251.6	44040.0	
11-Dec-22	17-Dec-22	16-Jan-23	44514.4	48370.8	45942.0	
18-Dec-22	24-Dec-22	16-Jan-23				
25-Dec-22	31-Dec-22	16-Jan-23				Mill stopped Xmas break
1-Jan-23	7-Jan-23	17-Feb-23	0.0	58273.5	34371.3	
8-Jan-23	14-Jan-23	17-Feb-23	44972.6	83553.6	57733.8	
15-Jan-23	21-Jan-23	17-Feb-23	48324.5	57172.6	53790.0	
22-Jan-23	28-Jan-23	17-Feb-23	25819.2	50707.0	40299.5	
2-Jul-23	8-Jul-23	10-Aug-23	0.0	39566.5	23246.2	
9-Jul-23	15-Jul-23	10-Aug-23	0.0	42075.1	28258.0	
16-Jul-23	22-Jul-23	10-Aug-23	0.0	45257.4	28970.0	
23-Jul-23	29-Jul-23	10-Aug-23	0.0	43287.6	28208.0	
30-Jul-23	5-Aug-23	10-Aug-23	0.0	42171.5	33754.4	
6-Aug-23	12-Aug-23	14-Sep-23	0.0	45503.4	28066.9	
13-Aug-23	19-Aug-23	14-Sep-23	0.0	46393.1	30891.9	
20-Aug-23	26-Aug-23	14-Sep-23	0.0	47993.6	29213.0	
27-Aug-23	2-Sep-23	14-Sep-23	0.0	45076.6	30981.5	
3-Sep-23	9-Sep-23	14-Sep-23	0.0	50295.6	31642.1	
10-Sep-23	16-Sep-23	13-Oct-23	0.0	48052.9	29539.8	
17-Sep-23	23-Sep-23	13-Oct-23	0.0	46624.8	43756.2	
24-Sep-23	30-Sep-23	13-Oct-23	0.0	48279.8	32260.7	
1-Oct-23	7-Sep-23	13-Oct-23	0.0	53961.7	44977.2	
8-Oct-23	14-Oct-23	15-Dec-23	0.0	51970.9	34736.4	
15-Oct-23	21-Oct-23	15-Dec-23	0.0	69388.1	34329.6	
22-Oct-23	28-Oct-23	15-Dec-23	0.0	53388.4	48943.1	
23-Jun-24	29-Jun-24	23-Jul-24	0.0	43030.3	28574.4	
30-Jun-24	6-Jul-24	23-Jul-24	0.0	46547.2	33405.3	
7-Jul-24	13-Jul-24	23-Jul-24	0.0	0.0	0.0	zero crush week
14-Jul-24	20-Jul-24	23-Jul-24	0.0	43786.1	37017.2	
21-Jul-24	27-Jul-24	16-Aug-24	0.0	42317.0	28850.6	
28-Jul-24	3-Aug-24	16-Aug-24	0.0	43238.7	34137.7	
4-Aug-24	10-Aug-24	16-Aug-24	36178.3	45007.6	40787.1	
11-Aug-24	17-Aug-24	18-Sep-24	0.0	47135.4	39321.5	
18-Aug-24	24-Aug-24	18-Sep-24	0.0	69583.0	27619.2	
25-Aug-24	31-Aug-24	18-Sep-24	37690.3	68970.2	35286.1	
1-Sep-24	7-Sep-24	18-Oct-24	33752.6	45540.8	41640.0	
8-Sep-24	14-Sep-24	18-Oct-24	43593.9	46340.2	44899.1	
15-Sep-24	21-Sep-24	18-Oct-24	33403.7	49570.0	43688.0	
22-Sep-24	28-Sep-24	18-Oct-24	42390.7	47305.1	44775.3	
29-Sep-24	5-Oct-24	18-Oct-24	0.0	0.0	0.0	zero crush week
6-Oct-24	12-Oct-24	21-Nov-24	0.0	50409.5	39539.6	
13-Oct-24	19-Oct-24	21-Nov-24	0.0	48643.7	29037.6	
20-Oct-24	26-Oct-24	21-Nov-24	40643.3	54346.4	48604.4	
27-Oct-24	2-Nov-24	21-Nov-24	39419.0	51953.8	46387.6	
3-Nov-24	9-Nov-24	21-Nov-24	42112.9	49882.1	45560.6	



Sampling Point: Monitoring Point 2 - Mill Process and Cooling Water Discharge
Licencee Manildra Harwood Sugars
Location 117 Pacific Highway, Broadwater
EPL No 172
Parameters Monitored Volume
Frequency & Method Continuous Approved Method
Limit/s 85000 k/L/day

The results in the table provide a fortnightly summary of the minimum, maximum and mean daily volume discharged in kilolitres per day for the period

Comments

MONITORING PERIOD		Volume k/L/day				Notes
Date Start	Date Finish	Date Published	Minimum Daily Discharge	Maximum Daily Discharge	Mean Daily Discharge	
10-Nov-24	16-Nov-24	21-Nov-24	1647.7	74408.1	45864.5	
17-Nov-24	23-Nov-24	20-Dec-24	0.0	48244.1	45824.7	
24-Nov-24	30-Nov-24	20-Dec-24	0.0	51703.2	38219.6	
1-Dec-24	7-Dec-24	20-Dec-24	41810.2	55715.7	51157.3	
8-Dec-24	14-Dec-24	14-Jan-25	0.0	64774.9	57514.5	
15-Jun-25	21-Jun-25	11-Jul-25	31481.7	50631.2	35343.3	
22-Jun-25	28-Jun-25	11-Jul-25	41449.9	52727.7	47582.1	
29-Jun-25	5-Jul-25	11-Jul-25	0.0	49196.8	24976.5	
6-Jul-25	12-Jul-25	15-Aug-25	42191.9	49533.8	45701.4	
13-Jul-25	19-Jul-25	15-Aug-25	21583.1	50582.8	43137.8	
20-Jul-25	26-Jul-25	15-Aug-25	43164.9	44240.1	43585.0	
27-Jul-25	2-Aug-25	15-Aug-25	37616.1	39890.3	22346.0	
3-Aug-25	9-Aug-25	15-Aug-25	34179.6	46821.2	33784.3	
10-Aug-25	16-Aug-25	15-Sep-25	39253.8	40528.3	39891.1	
17-Aug-25	23-Aug-25	15-Sep-25	28028.4	32525.2	29998.8	
24-Aug-25	30-Aug-25	15-Sep-25	29960.2	49175.6	44606.7	
31-Aug-25	6-Sep-25	15-Sep-25	26149.2	48105.2	42268.0	
7-Sep-25	13-Sep-25	09-Oct-25	26110.8	47741.8	43339.1	
14-Sep-25	20-Sep-25	09-Oct-25	46569.0	72411.2	51921.7	
21-Sep-25	27-Sep-25	09-Oct-25	39760.3	52589.9	49547.6	
28-Sep-25	4-Oct-25	09-Oct-25	18605.3	64666.1	45873.6	
5-Oct-25	11-Oct-25	14-Nov-25	44088.5	51036.6	47173.0	
12-Oct-25	18-Oct-25	14-Nov-25	44592.9	53346.4	49288.4	
19-Oct-25	25-Oct-25	14-Nov-25	48504.8	60448.7	52317.6	
26-Oct-25	1-Nov-25	14-Nov-25	44889.5	79741.4	55577.7	
2-Nov-25	8-Nov-25	14-Nov-25	37047.2	55508.4	48593.5	
9-Nov-25	15-Nov-25	12-Dec-25	36683.0	53036.7	48430.6	
16-Nov-25	22-Nov-25	12-Dec-25	42243.4	50628.6	48053.1	
23-Nov-25	29-Nov-25	12-Dec-25	31941.9	50559.7	44063.8	
30-Nov-25	6-Dec-25	12-Dec-25	37383.5	54837.3	44279.3	
7-Dec-25	13-Dec-25	12-Dec-25	19777.7	43726.2	36069.0	
21-Jun-26	27-Jun-26	16-Jul-26	20231.4	22906.6	21569.0	
28-Jun-26	4-Jul-16	16-Jul-26	0.0	0.0	0.0	zero crush week
5-Jul-26	11-Jul-26	16-Jul-26	27170.0	53177.1	42636.9	
12-Jul-26	18-Jul-26	20-Aug-26	45446.5	101919.2	54999.3	Data incorrect being investigated #7 evaporator sensor error
19-Jul-26	25-Jul-26	20-Aug-26				
26-Jul-26	1-Aug-26	20-Aug-26	10041.0	68273.4	37653.6	
2-Aug-26	8-Aug-26	20-Aug-26	29678.0	53290.2	183106.9	
9-Aug-26	15-Aug-26	18-Sep-26	43324.6	57057.8	50111.0	
16-Aug-26	22-Aug-26	18-Sep-26	23241.4	80919.7	41231.0	
23-Aug-26	29-Aug-26	18-Sep-26	34924.4	67835.4	44670.8	
30-Aug-26	5-Sep-26	18-Sep-26	27325.1	49408.7	41171.3	
6-Sep-26	12-Sep-26	18-Sep-26	55455.5	67464.7	59346.8	

Sampling Point: Monitoring Point 3 - Injection Water Inlet, Background River Water Quality

Licencee Manildra Harwood Sugars
Location 117 Pacific Highway, Broadwater
EPL No 172

Parameters Monitored Biochemical Oxygen Demand and Total Suspended Solids

Frequency & Method Fortnightly Composite

Limit/s Provides background data to determine compliance at monitoring points 4 & 2

Comments Lab Analysis Required



Date Sampled	Date Results Obtained	Date Published	BOD ₅ (mg/L)	TSS (mg/L)	Notes
13-Sep-22	21-Sep-22	19-Oct-22	2.3	40	First sample for 2022 crush
20-Sep-22	28-Sep-22	19-Oct-22	1.7	19	
27-Sep-22	04-Oct-22	19-Oct-22	3.7	47	
07-Oct-22	13-Oct-22	19-Oct-22	2.2	41	
14-Oct-22	20-Oct-22	11-Nov-22	6.5	34	
21-Oct-22	27-Oct-22	11-Nov-22	2.3	33	
01-Nov-22	08-Nov-22	11-Nov-22	3.2	38	
08-Nov-22	14-Nov-22	16-Dec-22	1.4	34	
15-Nov-22	23-Nov-22	16-Dec-22	2.5	23	
23-Nov-22	01-Dec-22	16-Dec-22	4.4	74	
29-Nov-22	07-Dec-22	16-Dec-22	3.1	29	
13-Dec-22	20-Dec-22	16-Jan-23	3.6	39	
20-Dec-22	03-Jan-23	16-Jan-23	3.8	28	
11-Jan-23	17-Jan-23	17-Feb-23	1.1	24	
18-Jan-23	24-Jan-23	17-Feb-23	2.7	22	
11-Jul-23	18-Jul-23	10-Aug-23	1.0	22	
13-Jul-23	20-Jul-23	10-Aug-23	1.9	13	
20-Jul-23	26-Jul-23	10-Aug-23	1.0	9	
27-Jul-23	03-Aug-23	10-Aug-23	1.6	11	
03-Aug-23	10-Aug-23	10-Aug-23	1.0	16	
10-Aug-23	15-Aug-23	14-Sep-23	2.5	11	
17-Aug-23	29-Aug-23	14-Sep-23	1.0	9	
24-Aug-23	31-Aug-23	14-Sep-23	1.5	14	
31-Aug-23	06-Sep-23	14-Sep-23	2.2	17	
12-Sep-23	20-Sep-23	13-Oct-23	2.1	7	
14-Sep-23	21-Sep-23	13-Oct-23	1.0	6	
21-Sep-23	27-Sep-23	13-Oct-23	1.7	10	
05-Oct-23	12-Oct-23	15-Dec-23	1.3	8	
12-Oct-23	20-Oct-23	15-Dec-23	1.9	11	
19-Oct-23	01-Nov-23	15-Dec-23	1.0	15	
26-Oct-23	02-Nov-23	15-Dec-23	1.9	10	
02-Nov-23	10-Nov-23	15-Dec-23	1.0	19	
26-Jun-24	02-Jul-24	23-Jul-24	2.2	15	Shutdown
03-Jul-24	11-Jul-24	23-Jul-24	2.0	21	
18-Jul-24	25-Jul-24	16-Aug-24	2.5	6	
25-Jul-24	02-Aug-24	16-Aug-24	2.2	27	
01-Aug-24	08-Aug-24	16-Aug-24	2.8	16	
06-Aug-24	12-Aug-24	18-Sep-24	1.2	26	
13-Aug-24	21-Aug-24	18-Sep-24	2.6	93	
27-Aug-24	02-Sep-24	18-Sep-24	2.8	28	
10-Sep-24	23-Sep-24	18-Oct-24	1.9	28	
17-Sep-24	23-Sep-24	18-Oct-24	1.4	21	
19-Sep-24	24-Sep-24	18-Oct-24	2.3	20	
25-Sep-24	08-Oct-24	18-Oct-24	2.2	21	
10-Oct-24	21-Oct-24	21-Nov-24	1.7	34	
15-Oct-24	23-Oct-24	21-Nov-24	1.6	37	
22-Oct-24	20-Nov-24	21-Nov-24	1.3	44	
29-Oct-24	05-Nov-24	21-Nov-24	3.1	21	
05-Nov-24	28-Nov-24	20-Dec-24	4.5	45	
14-Nov-24	28-Nov-24	20-Dec-24	4.1	109	
21-Nov-24	03-Dec-24	20-Dec-24	1.0	51	
28-Nov-24	10-Dec-24	20-Dec-24	1.0	51	
04-Dec-24	10-Dec-24	20-Dec-24	1.7	130	
13-Dec-24	03-Jan-25	14-Jan-25	3.6	43	
17-Dec-24	03-Jan-25	14-Jan-25	1.1	66	
17-Jun-25	24-Jun-25	11-Jul-25	1.6	29	Shutdown
24-Jun-25	30-Jun-25	11-Jul-25	2.7	35	
01-Jul-25	08-Jul-25	15-Aug-25	2.7	36	Wet Weather Shutdown
08-Jul-25	15-Jul-25	15-Aug-25	2.9	52	
16-Jul-25	21-Jul-25	15-Aug-25	2.9	31	
31-Jul-25	06-Aug-25	15-Aug-25	3.6	24	
19-Aug-25	27-Aug-25	15-Sep-25	1.9	52	
28-Aug-25	03-Sep-25	15-Sep-25	1.2	22	
02-Sep-25	09-Sep-25	15-Sep-25	2.3	24	
09-Sep-25	18-Sep-25	09-Oct-25	2.9	63	
16-Sep-25	25-Sep-25	09-Oct-25	2.6	31	
30-Sep-25	10-Oct-25	14-Nov-25	2.6	15	
07-Oct-25	16-Oct-25	14-Nov-25	2.1	87	
14-Oct-25	23-Oct-25	14-Nov-25	3.4	13	
21-Oct-25	31-Oct-25	14-Nov-25	2.2	60	
28-Oct-25	05-Nov-25	14-Nov-25	3.9	13	
04-Nov-25	10-Nov-25	14-Nov-25	0.5	29	
07-Nov-25	17-Nov-25	12-Dec-25	0.5	110	
13-Nov-25	21-Nov-25	12-Dec-25	1.5	8	
20-Nov-25	27-Nov-25	12-Dec-25	1.5	66	
28-Nov-25	09-Dec-25	12-Dec-25	2.4	9	
02-Dec-25	09-Dec-25	12-Dec-25	1.0	39	
08-Jul-26	14-Jul-26	20-Aug-26	0.5	16	

Sampling Point: Monitoring Point 3 - Injection Water Inlet, Background River Water Quality

Licencee Manildra Harwood Sugars

Location 117 Pacific Highway, Broadwater

EPL No 172

Parameters Monitored Biochemical Oxygen Demand and Total Suspended Solids

Frequency & Method Fortnightly Composite

Limit/s Provides background data to determine compliance at monitoring points 4 & 2

Comments Lab Analysis Required



Date Sampled	Date Results Obtained	Date Published	BOD ₅ (mg/L)	TSS (mg/L)	Notes
14-Jul-26	20-Jul-26	20-Aug-26	1.2	17	
30-Jul-26	06-Aug-26	20-Aug-26	1.7	31	
02-Aug-26	10-Aug-26	20-Aug-26	3.8	27	
11-Aug-26	17-Aug-26	20-Aug-26	1.2	24	
20-Aug-26	26-Aug-26	18-Sep-26	2.7	21	
28-Aug-26	07-Sep-26	18-Sep-26	1.5	10	
01-Sep-26	07-Sep-26	18-Sep-26	2.8	50	
08-Sep-26	14-Sep-26	18-Sep-26	1.8	17	

Sampling Point: Monitoring Point 3 - Injection Water Inlet, Background River Water Quality

Licencee Manildra Harwood Sugars

Location 117 Pacific Highway, Broadwater

EPL No 172

Parameters Monitored pH & Temperature

Frequency & Method Fortnightly Representative Insitu

Limit/s Provides background data to determine compliance at monitoring points 4 & 2

Comments



Date Sampled & Obtained	Date Published	pH	Temp (°C)	Notes
13-Sep-22	19-Oct-22	7.6	19.6	
20-Sep-22	19-Oct-22	7.6	22.3	
27-Sep-22	19-Oct-22	7.0	21.0	
07-Oct-22	19-Oct-22	6.5	21.2	
14-Oct-22	11-Nov-22	7.2	22.4	
21-Oct-22	11-Nov-22	7.4	22.3	
01-Nov-22	11-Nov-22	6.8	23.9	
08-Nov-22	16-Dec-22	7.1	23.0	
15-Nov-22	16-Dec-22	7.1	25.1	
23-Nov-22	16-Dec-22	7.5	24.1	
29-Nov-22	16-Dec-22	7.6	27.1	
13-Nov-22	16-Jan-23	7.9	26.3	
20-Dec-22	16-Jan-23	8.0	24.7	
11-Jan-23	17-Feb-23	7.9	26.8	
18-Jan-23	17-Feb-23	7.2	23.7	
11-Jul-23	10-Aug-23	7.4	18.6	
13-Jul-23	10-Aug-23	7.1	19.5	
20-Jul-23	10-Aug-23	7.5	19.5	
27-Jul-23	10-Aug-23	7.6	18.7	
03-Aug-23	10-Aug-23	7.6	20.4	
10-Aug-23	14-Sep-23	7.5	20.3	
17-Aug-23	14-Sep-23	7.7	21.1	
24-Aug-23	14-Sep-23	7.7	20.8	
31-Aug-23	14-Sep-23	7.6	21.3	
12-Sep-23	13-Oct-23	7.5	21.4	
14-Sep-23	13-Oct-23	7.6	22.9	
21-Sep-23	13-Oct-23	7.6	23.0	
05-Oct-23	15-Dec-23	7.6	23.8	
12-Oct-23	15-Dec-23	7.6	24.6	
19-Oct-23	15-Dec-23	7.6	23.0	
26-Oct-23	15-Dec-23	7.6	25.3	
02-Nov-23	15-Dec-23	7.6	24.1	
				Shutdown
26-Jun-24	23-Jul-24	7.5	19.5	
03-Jul-24	23-Jul-24	7.6	18.7	
18-Jul-24	16-Aug-24	7.5	18.8	
25-Jul-24	16-Aug-24	7.4	17.8	
01-Aug-24	16-Aug-24	7.5	18.7	
06-Aug-24	18-Sep-24	7.6	18.7	
13-Aug-24	18-Sep-24	7.2	18.7	
27-Aug-24	18-Sep-24	6.6	21.4	
10-Sep-24	18-Oct-24	7.2	22.6	
17-Sep-24	18-Oct-24	7.4	21.6	
19-Sep-24	18-Oct-24	7.4	21.6	
25-Sep-24	18-Oct-24	7.6	23.4	
10-Oct-24	21-Nov-24	6.9	21.6	
15-Oct-24	21-Nov-24	7.0	22.1	
22-Oct-24	21-Nov-24	7.1	22.3	
29-Oct-24	21-Nov-24	7.4	22.6	
05-Nov-24	20-Dec-24	7.5	26.9	
14-Nov-24	20-Dec-24	7.3	26.9	
21-Nov-24	20-Dec-24	7.2	24.6	
28-Nov-24	20-Dec-24	7.2	24.4	
04-Dec-24	20-Dec-24	7.0	24.4	
13-Dec-24	14-Jan-25	7.1	28.1	
17-Dec-24	14-Jan-25	7.2	28.5	
17-Jun-25	11-Jul-25	7.4	16.7	
24-Jun-25	15-Aug-25	7.3	18.3	
01-Jul-25	15-Aug-25	7.5	16.7	
08-Jul-25	15-Aug-25	7.1	16.5	
16-Jul-25	15-Aug-25	7.0	17.6	
31-Jul-25	15-Aug-25	7.4	17.0	
19-Aug-25	15-Sep-25	7.2	17.4	
28-Aug-25	15-Sep-25	7.1	18.8	
02-Sep-25	15-Sep-25	7.2	18.9	
09-Sep-25	09-Oct-25	7.1	20.9	
16-Sep-25	09-Oct-25	7.1	20.9	
30-Sep-25	09-Oct-25	7.6	24.7	
07-Oct-25	14-Nov-25	7.3	24.1	
14-Oct-25	14-Nov-25	7.3	26.7	
21-Oct-25	14-Nov-25	7.4	26.2	
28-Oct-25	14-Nov-25	7.4	25.8	
04-Nov-25	14-Nov-25	7.5	26.5	
07-Nov-25	12-Dec-25	7.5	26.5	
13-Nov-25	12-Dec-25	7.5	24.7	
20-Nov-25	12-Dec-25	7.7	25.8	
28-Nov-25	12-Dec-25	7.5	28.0	
02-Dec-25	12-Dec-25	7.6	27.0	
08-Jul-26	20-Aug-26	7.4	26.0	

Sampling Point: Monitoring Point 3 - Injection Water Inlet, Background River Water Quality				
Licencee Manildra Harwood Sugars				
Location 117 Pacific Highway, Broadwater				
EPL No 172				
Parameters Monitored pH & Temperature				
Frequency & Method Fortnightly Representative Insitu				
Limit/s Provides background data to determine compliance at monitoring points 4 & 2				
Comments				
Date Sampled & Obtained	Date Published	pH	Temp (°C)	Notes
14-Jul-26	20-Aug-26	7.2	17.8	
30-Jul-26	20-Aug-26	7.0	29.3	
02-Aug-26	20-Aug-26	7.4	17.5	
11-Aug-26	20-Aug-26	7.3	17.1	
20-Aug-26	18-Sep-26	7.6	18.5	
28-Aug-26	18-Sep-26	7.6	19.9	
01-Sep-26	18-Sep-26	7.6	19.6	
08-Sep-26	18-Sep-26	7.6	22.1	



Sampling Point:	Monitoring Point 4 - Mill Torri Drain Discharge				
Licencee	Manildra Harwood Sugars				
Location	117 Pacific Highway, Broadwater				
EPL No	172				
Parameters Monitored	Biochemical Oxygen Demand and Total Suspended Solids				
Frequency & Method	Fortnightly Composite				
Limit/s	Not Applicable. Used to provide values to determine compliance at monitoring point 2				
Comments	Lab Analysis Required				



Date Sampled	Date Results Obtained	Date Published	BOD ₅ (mg/L)	TSS (mg/L)	Notes
13-Sep-22	21-Sep-22	19-Oct-22	38	39	
20-Sep-22	28-Sep-22	19-Oct-22	38	11	
27-Sep-22	04-Oct-22	19-Oct-22	59	33	Pan balance tank overflow
07-Oct-22	13-Oct-22	19-Oct-22	19	34	
14-Oct-22	20-Oct-22	11-Nov-22	27	36	
21-Oct-22	21-Oct-22	11-Nov-22	42	30	
01-Nov-22	08-Nov-22	11-Nov-22	40	33	
08-Nov-22	14-Nov-22	16-Dec-22	42	38	
15-Nov-22	23-Nov-22	16-Dec-22	41	24	
23-Nov-22	01-Dec-22	16-Dec-22	23	67	
29-Nov-22	07-Dec-22	16-Dec-22	39	29	
13-Dec-22	20-Dec-22	16-Jan-23	46	39	
20-Dec-22	03-Jan-23	16-Jan-23	31	20	
11-Jan-23	17-Jan-23	17-Feb-23	28	8	
18-Jan-23	24-Jan-23	17-Feb-23	43	3	
11-Jul-23	18-Jul-23	10-Aug-23	28	12	
13-Jul-23	20-Jul-23	10-Aug-23	20	11	
20-Jul-23	26-Jul-23	10-Aug-23	25	9	
27-Jul-23	03-Aug-23	10-Aug-23	15	13	
03-Aug-23	09-Aug-23	10-Aug-23	20	12	
10-Aug-23	15-Aug-23	14-Sep-23	29	12	
17-Aug-23	29-Aug-23	14-Sep-23	19	5	
24-Aug-23	31-Aug-23	14-Sep-23	23	17	
31-Aug-23	06-Sep-23	14-Sep-23	45	22	
12-Sep-23	20-Sep-23	13-Oct-23	30	8	
14-Sep-23	21-Sep-23	13-Oct-23	34	10	
21-Sep-23	27-Sep-23	13-Oct-23	34	9	
05-Oct-23	12-Oct-23	15-Dec-23	24	9	
12-Oct-23	20-Oct-23	15-Dec-23	26	9	
19-Oct-23	01-Nov-23	15-Dec-23	19	14	
26-Oct-23	02-Nov-23	15-Dec-23	27	9	
02-Nov-23	10-Nov-23	15-Dec-23	21	10	Shutdown
26-Jun-24	02-Jul-24	23-Jul-24	21	20	
03-Jul-24	11-Jul-24	23-Jul-24	23	13	
18-Jul-24	25-Jul-24	16-Aug-24	17	19	
25-Jul-24	02-Aug-24	16-Aug-24	24	2	
01-Aug-24	08-Aug-24	16-Aug-24	39	15	
06-Aug-24	12-Aug-24	18-Sep-24	19	32	
13-Aug-24	21-Aug-24	18-Sep-24	39	61	
27-Aug-24	02-Sep-24	18-Sep-24	35	21	
10-Sep-24	23-Sep-24	18-Oct-24	32	30	
17-Sep-24	23-Sep-24	18-Oct-24	35	21	
19-Sep-24	24-Sep-24	18-Oct-24	47	24	
25-Sep-24	08-Oct-24	18-Oct-24	31	20	
10-Oct-24	21-Oct-24	21-Nov-24	34	29	
15-Oct-24	23-Oct-24	21-Nov-24	25	36	
22-Oct-24	20-Nov-24	21-Nov-24	19	43	
29-Oct-24	05-Nov-24	21-Nov-24	34	19	
05-Nov-24	28-Nov-24	20-Dec-24	22	47	
14-Nov-24	28-Nov-24	20-Dec-24	19	79	
21-Nov-24	03-Dec-24	20-Dec-24	34	31	
28-Nov-24	10-Dec-24	20-Dec-24	29	38	
04-Dec-24	10-Dec-24	20-Dec-24	23	106	
13-Dec-24	03-Jan-25	14-Jan-25	27	40	
17-Dec-24	03-Jan-25	14-Jan-25	16	64	
17-Jun-25	24-Jun-25	11-Jul-25	12	40	Shutdown
24-Jun-25	30-Jun-25	11-Jul-25	45	24	
01-Jul-25	08-Jul-25	15-Aug-25	25	35	
08-Jul-25	15-Jul-25	15-Aug-25	22	50	
15-Jul-25	21-Jul-25	15-Aug-25	25	42	
31-Jul-25	06-Aug-25	15-Aug-25	44	28	Wet Weather Shutdown
19-Aug-25	27-Aug-25	15-Sep-25	31	32	
28-Aug-25	03-Sep-25	15-Sep-25	57	27	
02-Sep-25	09-Sep-25	15-Sep-25	43	20	
09-Sep-25	18-Sep-25	09-Oct-25	48	48	
16-Sep-25	25-Sep-25	09-Oct-25	19	9	
30-Sep-25	10-Oct-25	14-Nov-25	59	10	
07-Oct-25	16-Oct-25	14-Nov-25	43	34	
14-Oct-25	23-Oct-25	14-Nov-25	36	21	
21-Oct-25	31-Oct-25	14-Nov-25	50	18	
28-Oct-25	05-Nov-25	14-Nov-25	129	13	
04-Nov-25	10-Nov-25	14-Nov-25	32	13	
07-Nov-25	17-Nov-25	12-Dec-25	5	126	
13-Nov-25	21-Nov-25	12-Dec-25	36	5	
20-Nov-25	27-Nov-25	12-Dec-25	39	61	
28-Nov-25	09-Dec-25	12-Dec-25	17	3	
02-Dec-25	09-Dec-25	12-Dec-25	12	11	

Sampling Point: Monitoring Point 4 - Mill Torri Drain Discharge Licencee Manildra Harwood Sugars Location 117 Pacific Highway, Broadwater EPL No 172 Parameters Monitored Biochemical Oxygen Demand and Total Suspended Solids Frequency & Method Fortnightly Composite Limit/s Not Applicable. Used to provide values to determine compliance at monitoring point 2 Comments Lab Analysis Required					
					
Date Sampled	Date Results Obtained	Date Published	BOD ₅ (mg/L)	TSS (mg/L)	Notes
08-Jul-26	14-Jul-26	20-Aug-26	8	21	
14-Jul-26	20-Jul-26	20-Aug-26	22	16	
30-Jul-26	06-Aug-26	20-Aug-26	15	36	
02-Aug-26	10-Aug-26	20-Aug-26	10	31	
11-Aug-26	17-Aug-26	20-Aug-26	23	24	
20-Aug-26	26-Aug-26	18-Sep-26	27	24	
28-Aug-26	07-Sep-26	18-Sep-26	16	5	
01-Sep-26	07-Sep-26	18-Sep-26	18	50	
08-Sep-26	14-Sep-26	18-Sep-26	20	16	

Sampling Point:		Monitoring Point 4 - Mill Torri Drain Discharge		
Licencee		Manildra Harwood Sugars		
Location		117 Pacific Highway, Broadwater		
EPL No		172		
Parameters Monitored		pH & Temperature		
Frequency & Method		Fortnightly Representative Insitu		
Limit/s		Not Applicable. Used to obtain values to determine compliance at monitoring point 2		
Comments				
Date Sampled & Obtained	Date Published	pH	Temp (°C)	Notes
13-Sep-22	19-Oct-22	7.5	29.1	
20-Sep-22	19-Oct-22	7.3	30.2	
27-Sep-22	19-Oct-22	6.7	34.7	
07-Oct-22	19-Oct-22	6.7	34.0	
14-Oct-22	11-Nov-22	7.2	28.8	
21-Oct-22	11-Nov-22	7.2	32.2	
01-Nov-22	11-Nov-22	6.7	34.1	
08-Nov-22	16-Dec-22	6.7	33.4	
15-Nov-22	16-Dec-22	7.1	35.4	
23-Nov-22	16-Dec-22	7.2	32.4	
29-Nov-22	16-Dec-22	7.4	36.1	
13-Dec-22	16-Jan-23	7.7	34.1	
20-Dec-22	16-Jan-23	7.4	37.2	
11-Jan-23	17-Feb-23	7.7	36.1	
18-Jan-23	17-Feb-23	7.4	37.0	
11-Jul-23	10-Aug-23	6.9	28.9	
13-Jul-23	10-Aug-23	7.1	30.4	
20-Jul-23	10-Aug-23	7.2	32.4	
27-Jul-23	10-Aug-23	7.3	26.4	
03-Aug-23	10-Aug-23	7.1	31.9	
10-Aug-23	14-Sep-23	7.2	30.7	
17-Aug-23	14-Sep-23	7.3	30.4	
24-Aug-23	14-Sep-23	7.3	27.9	
31-Aug-23	14-Sep-23	7.3	32.4	
12-Sep-23	13-Oct-23	7.2	31.8	
14-Sep-23	13-Oct-23	7.2	33.2	
21-Sep-23	13-Oct-23	7.3	38.9	
05-Oct-23	15-Dec-23	7.3	32.5	
12-Oct-23	15-Dec-23	7.2	34.0	
19-Oct-23	15-Dec-23	7.3	32.0	
26-Oct-23	15-Dec-23	7.4	34.8	
02-Nov-23	15-Dec-23	7.2	35.1	Shutdown
26-Jun-24	23-Jul-24	7.6	27.6	
03-Jul-24	23-Jul-24	7.4	25.3	
18-Jul-24	16-Aug-24	7.3	30.0	
25-Jul-24	16-Aug-24	7.2	29.7	
01-Aug-24	16-Aug-24	7.2	34.7	
06-Aug-24	18-Sep-24	7.2	30.9	
13-Aug-24	18-Sep-24	7.2	25.1	
27-Aug-24	18-Sep-24	6.6	30.7	
10-Sep-24	18-Oct-24	7.0	32.4	
17-Sep-24	18-Oct-24	7.1	33.5	
19-Sep-24	18-Oct-24	7.1	37.1	
25-Sep-24	18-Oct-24	7.2	35.1	
10-Oct-24	21-Nov-24	6.7	30.2	
15-Oct-24	21-Nov-24	6.9	32.1	
22-Oct-24	21-Nov-24	7.0	30.8	
29-Oct-24	21-Nov-24	6.9	31.3	
05-Nov-24	20-Dec-24	7.2	32.2	
14-Nov-24	20-Dec-24	7.1	33.9	
21-Nov-24	20-Dec-24	6.9	32.1	
28-Nov-24	20-Dec-24	7.1	33.4	
04-Dec-24	20-Dec-24	6.8	31.9	
13-Dec-24	14-Jan-25	6.7	38.1	
17-Dec-24	14-Jan-25	7.1	35.1	
17-Jun-25	11-Jul-25	7.2	25.0	
24-Jun-25	15-Aug-25	7.1	32.1	
01-Jul-25	15-Aug-25	7.3	24.7	
08-Jul-25	15-Aug-25	6.8	26.6	
15-Jul-25	15-Aug-25	6.7	28.8	
31-Jul-25	15-Aug-25	7.3	17.0	Wet Weather Shutdown
19-Aug-25	15-Sep-25	7.0	33.9	
28-Aug-25	15-Sep-25	7.1	30.4	
02-Sep-25	15-Sep-25	6.9	30.2	
09-Sep-25	09-Oct-25	7.1	28.3	
16-Sep-25	09-Oct-25	7.1	28.3	
30-Sep-25	09-Oct-25	7.0	38.3	
07-Oct-25	14-Nov-25	7.0	35.2	
14-Oct-25	14-Nov-25	7.0	38.6	
21-Oct-25	14-Nov-25	7.1	35.7	
28-Oct-25	14-Nov-25	6.9	36.2	
04-Nov-25	14-Nov-25	7.4	33.7	
07-Nov-25	12-Dec-25	7.5	33.6	
13-Nov-25	12-Dec-25	7.3	36.7	
20-Nov-25	12-Dec-25	7.5	35.4	
28-Nov-25	12-Dec-25	7.5	34.9	
02-Dec-25	12-Dec-25	7.4	36.0	

Sampling Point: Monitoring Point 4 - Mill Torri Drain Discharge Licencee Manildra Harwood Sugars Location 117 Pacific Highway, Broadwater EPL No 172 Parameters Monitored pH & Temperature Frequency & Method Fortnightly Representative Insitu Limit/s Not Applicable. Used to obtain values to determine compliance at monitoring point 2 Comments				
				
Date Sampled & Obtained	Date Published	pH	Temp (°C)	Notes
08-Jul-26	20-Aug-26	7.2	35.7	
14-Jul-26	20-Aug-26	7.3	33.7	
30-Jul-26	20-Aug-26	7.1	17.2	
02-Aug-26	20-Aug-26	7.0	27.3	
11-Aug-26	20-Aug-26	7.1	28.0	
20-Aug-26	18-Sep-26	7.2	29.2	
28-Aug-26	18-Sep-26	7.4	28.7	
01-Sep-26	18-Sep-26	7.4	22.4	
08-Sep-26	18-Sep-26	7.2	32.5	

[illegible]