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

EPA ENVIRONMENTAL MONTORING SUMMARY REPORT

Last Published: 19/11/2026

Licencee: 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 perecentile 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: **19-Nov-25** **19-Nov-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			Sampling		Samples	Limits			Samples	RESULTS			Exceedances	
Point ID	Source	Parameter	Frequency	Unit	Required	Min	90%	Max	Obtained	Min	Mean	Max	90%	Max
2	Cooling Water Discharge	BOD_5	Fortnightly Composite	mg/L	13	n/a	45	50	19	5.9	18.5	38.0	No	0
2	Cooling Water Discharge	TSS	Fortnightly Composite	mg/L	13	n/a	20	25	19	-28.0	-5.6	6.0	No	0
2	Cooling Water Discharge	pH	Fortnightly Representative	pH	13	6.5	n/a	8.5	19	7.0	7.3	7.5	-	0
2	Cooling Water Discharge	Temperature	Fortnightly Representative	°C	13	n/a	45	50	19	17.2	30.9	36.0	No	0
2	Cooling Water Discharge	Volume	Continuous	kL/day	Continuous	n/a	n/a	85,000	Continuous	0	52853	84486	-	0
3	River Water - Background	BOD_5	Fortnightly Composite	mg/L	13	n/a	n/a	n/a	19	0.5	1.9	3.8	-	-
3	River Water - Background	TSS	Fortnightly Composite	mg/L	13	n/a	n/a	n/a	19	9.0	29.2	66.0	-	-
3	River Water - Background	pH	Fortnightly Representative	pH	13	n/a	n/a	n/a	19	7.0	7.5	7.7	-	-
3	River Water - Background	Temperature	Fortnightly Representative	°C	13	n/a	n/a	n/a	19	17.1	22.6	29.3	-	-
4	Mill Torri Drain	BOD_5	Fortnightly Composite	mg/L	13	n/a	n/a	n/a	19	8.1	20.4	39.4	-	-
4	Mill Torri Drain	TSS	Fortnightly Composite	mg/L	13	n/a	n/a	n/a	19	3.0	23.5	61.0	-	-
4	Mill Torri Drain	pH	Fortnightly Representative	pH	13	n/a	n/a	n/a	19	7.0	7.3	7.5	-	-
4	Mill Torri Drain	Temperature	Fortnightly Representative	°C	13	n/a	n/a	n/a	19	17.2	30.9	36.0	-	-

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	Biochemical Oxygen Demand and Total Suspended Solids (mg/L)
Frequency & Method	Fortnightly Composite
Limit/s	See table

Comments

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

> bgd: Means the concerntration 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	BOD_5 (mg/L)	TSS (mg/L)	
Date Sampled	**Date Results Obtained**	**Date Published**	90th Percentile	**45>bgd**	**20>bgd**	**Notes**
			Maximum	**50>bgd**	**25>bgd**	
01-Nov-22	08-Nov-22	11-Nov-22		36.8	-5	
08-Nov-22	14-Nov-22	16-Dec-22		40.3	4	
15-Nov-22	23-Nov-22	16-Dec-22		38.2	1	
23-Nov-22	01-Dec-22	16-Dec-22		18.8	-7	
29-Nov-22	07-Dec-22	16-Dec-22		35.5	0	
13-Dec-22	20-Dec-22	16-Jan-23		42.4	0	
20-Dec-22	03-Jan-23	16-Jan-23		27.2	-8	
11-Jan-23	17-Jan-23	17-Feb-23		27.2	-16	
18-Jan-23	24-Jan-23	17-Feb-23		40.0	-19	
11-Jul-23	18-Jul-23	10-Aug-23		27.3	-10	
13-Jul-23	20-Jul-23	10-Aug-23		18.2	-2	
20-Jul-23	26-Jul-23	10-Aug-23		24.0	0	
27-Jul-23	03-Aug-23	10-Aug-23		12.9	2	
03-Aug-23	09-Aug-23	10-Aug-23		19.3	-4	
10-Aug-23	15-Aug-23	14-Sep-23		26.0	1	
17-Aug-23	29-Aug-23	14-Sep-23		17.8	-4	
24-Aug-23	31-Aug-23	14-Sep-23		21.5	3	
31-Aug-23	06-Sep-23	14-Sep-23		43.0	5	
12-Sep-23	20-Sep-23	13-Oct-23		28.1	1	
14-Sep-23	21-Sep-23	13-Oct-23		32.8	4	
21-Sep-23	27-Sep-23	13-Oct-23		32.3	-1	
05-Oct-23	12-Oct-23	15-Dec-23		22.5	1	
12-Oct-23	20-Oct-23	15-Dec-23		24.5	-2	
19-Oct-23	01-Nov-23	15-Dec-23		18.3	-1	
26-Oct-23	02-Nov-23	15-Dec-23		24.6	-1	
02-Nov-23	10-Nov-23	15-Dec-23		19.5	-9	
						Shutdown
26-Jun-24	02-Jul-24	23-Jul-24		18.7	5	
03-Jul-23	11-Jul-24	23-Jul-24		20.6	-8	
18-Jul-24	25-Jul-24	16-Aug-24		14.7	13	
25-Jul-24	02-Aug-24	16-Aug-24		21.5	-25	
01-Aug-24	08-Aug-24	16-Aug-24		36.2	-1	
06-Aug-24	12-Aug-24	18-Sep-24		17.8	6	
13-Aug-24	21-Aug-24	18-Sep-24		36.5	-32	
27-Aug-24	02-Sep-24	18-Sep-24		32.1	-7	
10-Sep-24	23-Sep-24	18-Oct-24		30.1	2	
17-Sep-24	23-Sep-24	18-Oct-24		33.8	0	
19-Sep-24	24-Sep-24	18-Oct-24		44.6	4	
25-Sep-24	08-Oct-24	18-Oct-24		28.8	-1	
10-Oct-24	21-Oct-24	21-Nov-24		32.4	-5	
15-Oct-24	23-Oct-24	21-Nov-24		23.4	-1	
22-Oct-24	20-Nov-24	21-Nov-24		18.1	-1	
29-Oct-24	05-Nov-24	21-Nov-24		30.5	-2	
05-Nov-24	28-Nov-24	20-Dec-24		17.9	2	
14-Nov-24	28-Nov-24	20-Dec-24		14.7	-30	
21-Nov-24	03-Dec-24	20-Dec-24		32.5	-20	
28-Nov-24	10-Dec-24	20-Dec-24		28.3	-13	
04-Dec-24	10-Dec-24	20-Dec-24		21.3	-24	
13-Dec-24	03-Jan-25	14-Jan-25		23.0	-3	
17-Dec-24	03-Jan-25	14-Jan-25		14.4	-2	
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	
15-Sep-26	21-Sep-26	16-Oct-26		22.2	-12	
22-Sep-26	29-Sep-26	16-Oct-26		35.2	-6	
02-Oct-26	09-Oct-26	16-Oct-26		23.9	-16	
06-Oct-26	14-Jul-26	19-Nov-26		14.5	2	
13-Oct-26	19-Oct-26	19-Nov-26		15.1	-24	
03-Nov-26	11-Nov-26	19-Nov-26		16.0	6	Mill shutdown 20-27/11 - no discharge
10-Nov-26	16-Nov-26	19-Nov-26		20.4	-28	
						Mill Shutdown 17/11/26 - no discharge

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 (ºC)
Frequency & Method	Fortnightly Representative Sample.
Limit/s	See table
Comments	Pecentile limits: A 90 percentile limit means 90% of results must be below this prescribed value. Maximum limit is the maximum permissable discharge value

		Licence Limits	pH	Temperature (ºC)	
Date Sampled	**Date Published**	90th Percentile		45	**Notes**
		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-23	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	
17-Jun-25	11-Jul-25		7.2	25	
24-Jun-25	15-Aug-25		7.1	32	
1-Jul-25	15-Aug-25		7.3	25	
8-Jul-25	15-Aug-25		6.8	27	
15-Jul-25	15-Aug-25		6.7	29	
31-Jul-25	15-Aug-25		7.3	17	
19-Aug-25	15-Sep-25		7.0	34	
28-Aug-25	15-Sep-25		7.1	30	
2-Sep-25	15-Sep-25		6.9	30	
9-Sep-25	09-Oct-25		7.1	28	
16-Sep-25	09-Oct-25		7.1	28	
30-Sep-25	09-Oct-25		7.0	38	
7-Oct-25	14-Nov-25		7.0	35	
14-Oct-25	14-Nov-25		7.0	39	
21-Oct-25	14-Nov-25		7.1	36	
28-Oct-25	14-Nov-25		6.9	36	
4-Nov-25	14-Nov-25		7.4	34	
7-Nov-25	12-Dec-25		7.5	34	
13-Nov-25	12-Dec-25		7.3	37	
20-Nov-25	12-Dec-25		7.5	35	
28-Nov-25	12-Dec-25		7.5	35	
2-Dec-25	12-Dec-25		7.4	36	
8-Jul-26	20-Aug-26		7.2	36	
14-Jul-26	20-Aug-26		7.3	34	
30-Jul-26	20-Aug-26		7.1	17	
2-Aug-26	20-Aug-26		7.0	27	
11-Aug-26	20-Aug-26		7.1	28	
20-Aug-26	18-Sep-26		7.2	29	
28-Aug-26	18-Sep-26		7.4	29	
1-Sep-26	18-Sep-26		7.4	22	
8-Sep-26	18-Sep-26		7.2	33	
15-Sep-26	16-Oct-26		7.4	31	
22-Sep-26	16-Oct-26		7.3	33	
2-Oct-26	16-Oct-26		7.4	32	
6-Oct-26	19-Nov-26		7.3	33	
13-Oct-26	19-Nov-26		7.4	33	
3-Nov-26	19-Nov-26		7.0	33	
10-Nov-26	19-Nov-26		7.3	32	

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
Comments	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

MONITORING PERIOD			Volume k/L/day			
Date Start	**Date Finish**	**Date Published**	**Minimum Daily Discharge**	**Maximum Daily Discharge**	**Mean Daily Discharge**	**Notes**
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	
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	60725.2	54999.3	sensor error
19-Jul-26	25-Jul-26	20-Aug-26				zero crush week
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	
13-Sep-26	19-Sep-26	16-Oct-26	15766.7	68832.3	49979.1	
20-Sep-26	26-Sep-26	19-Nov-26	50591.0	58586.0	54938.0	
27-Sep-26	3-Oct-26	19-Nov-26	31131.3	59385.2	37675.7	
4-Oct-26	10-Oct-26	19-Nov-26	58622.0	84486.4	67558.9	
11-Oct-26	17-Oct-26	19-Nov-26	27428.1	68429.2	51272.0	
18-Oct-26	24-Oct-26	19-Nov-26	83920.7	83920.7	83927.0	Mill only running Sunday 18/10/2026
25-Oct-26	31-Oct-26	19-Nov-26	39814.0	39814.3	39814.3	Mill only running Saturday 31/10/2026
1-Nov-26	7-Nov-26	19-Nov-26	50584.0	67913.3	60793.8	
8-Nov-26	14-Nov-26	19-Nov-26	55740.3	69579.7	68744.3	

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
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	
					Shutdown
26-Jun-24	02-Jul-24	23-Jul-24	2.2	15	
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	
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	Wet Weather Shutdown
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	

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
08-Jul-26	14-Jul-26	20-Aug-26	0.5	16	
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	
15-Sep-26	21-Sep-26	16-Oct-26	2.7	33	
22-Sep-26	29-Sep-26	16-Oct-26	3.4	15	
02-Oct-26	09-Oct-26	16-Oct-26	2.2	37	
06-Oct-26	15-Oct-26	19-Nov-26	1.0	13	
13-Oct-26	19-Oct-26	19-Nov-26	1.5	39	
03-Nov-26	11-Nov-26	19-Nov-26	1.9	27	Mill shutdown 20-27/11 - no discharge
10-Nov-26	16-Nov-26	19-Nov-26	1.6	63	

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 (ºC)	Notes
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	Wet Weather Shutdown
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	

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 (ºC)	Notes
08-Jul-26	20-Aug-26	7.4	26.0	
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	
15-Sep-26	16-Oct-26	7.5	21.1	
22-Sep-26	16-Oct-26	7.7	22.6	
01-Oct-26	16-Oct-26	7.5	21.7	
06-Oct-26	19-Nov-26	7.5	23.0	
13-Oct-26	19-Nov-26	7.6	24.5	
03-Nov-26	19-Nov-26	7.2	24.1	Mill shutdown 20-27/11 - no sampling
10-Nov-26	19-Nov-26	7.5	24.4	

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
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-23	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	
15-Sep-26	21-Sep-26	16-Oct-26	25	21	
22-Sep-26	29-Sep-26	16-Oct-26	39	9	
02-Oct-26	09-Oct-26	16-Oct-26	26	21	
06-Oct-26	14-Jul-26	19-Nov-26	16	15	
13-Oct-26	19-Oct-26	19-Nov-26	17	15	
03-Nov-26	11-Nov-26	19-Nov-26	18	33	
10-Nov-26	16-Nov-26	19-Nov-26	22	35	

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 (ºC)	Notes
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-23	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 (ºC)	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	
15-Sep-26	16-Oct-26	7.4	30.6	
22-Sep-26	16-Oct-26	7.3	32.9	
02-Oct-26	16-Oct-26	7.4	31.9	
06-Oct-26	19-Nov-26	7.3	32.9	
13-Oct-26	19-Nov-26	7.4	32.7	
03-Nov-26	19-Nov-26	7.0	32.6	
10-Nov-26	19-Nov-26	7.3	32.4	

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

MONITORING DATA CORRECTIONS LOG

Date Sampled	Monitoring Point	Pollutant/Parameter	Original Data	Corrected Data	Date Corrected	Date Originally Published	Reason