Environmental Monitoring Report
Condong Sugar Mill
122-153 McCleod Street,
Condong NSW 2484

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: 170 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 MONITORING SUMMARY REPORT

Last Published: 13/10/2021

Licencee Manildra Harwood Sugars

Location **Condong Sugar Mill**

Address Mcleod Street Condong

EPL No **170**

Limits 90% of samples 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 3 are reported as the level above background The values are determined by subtracting background monitoring results at point 4 from the values of monitoring at point 6.

Annual Summary Period **13-Oct-20** **13-Oct-21**

2020 Season Start Date 09-Jun-20 End Date 01-Dec-20

2021 Season Start Date 21-Jun-21 End Date TBA

The mill operates seasonally. 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
3	Cooling Water Discharge	BOD_5	Fortnightly Composite	mg/L	12	n/a	45	55	17	11.0	25.8	56.0	1	1
3	Cooling Water Discharge	TSS	Fortnightly Composite	mg/L	12	n/a	10	15	17	-3.8	-0.9	1.8	0	0
3	Cooling Water Discharge	pH	Fortnightly Representative	pH	12	6.5	n/a	8.5	17	6.9	7.1	7.2	-	0
3	Cooling Water Discharge	Temperature	Fortnightly Representative	°C	12	n/a	45	50	17	28.0	33.7	41.1	0	0
3	Cooling Water Discharge	Volume	Continuous	kL/day	Continuous	n/a	n/a	60,000	Continuous	24,296	28,123	32,578		0
4	River Water - Background	BOD_5	Fortnightly Composite	mg/L	12	n/a	n/a	n/a	17	1.0	3.2	10.0	-	-
4	River Water - Background	TSS	Fortnightly Composite	mg/L	12	n/a	n/a	n/a	17	5.2	9.6	15.0	-	-
4	River Water - Background	pH	Fortnightly Representative	pH	12	n/a	n/a	n/a	17	6.9	7.2	7.3	-	-
4	River Water - Background	Temperature	Fortnightly Representative	°C	12	n/a	n/a	n/a	17	17.6	22.1	28.8	-	-
6	Mill Torri Drain	BOD_5	Fortnightly Composite	mg/L	12	n/a	n/a	n/a	17	16.0	29.0	58.0	-	-
6	Mill Torri Drain	TSS	Fortnightly Composite	mg/L	12	n/a	n/a	n/a	17	3.0	8.8	15.0	-	-
6	Mill Torri Drain	pH	Fortnightly Representative	pH	12	n/a	n/a	n/a	17	6.9	7.1	7.2	-	-
6	Mill Torri Drain	Temperature	Fortnightly Representative	°C	12	n/a	n/a	n/a	17	28.0	33.7	41.1	-	-

Sampling Point:	**Monitoring Point 3 - Torri Drain Cooling Water Discharge**
Licencee	Manildra Harwood Sugars
Location	**McLeod Street, Condong**
EPL No	170
Parameters Monitored	Biochemical Oxygen Demand and Total Suspended Solids (mg/L)
Frequency & Method	Fortnightly Composite
Limit/s	See table

Comments

Licence Limits: 90% of samples must be below the prescribed 90th percentile limit. Maximum limit is the maximum permissible discharge value.

Sampling: The mill operates seasonally. No data is reported between seasons as no cooling water discharges occur.

> 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	90 Percentile	45>bgd	10>bgd	Notes
			Maximum	55>bgd	15>bgd	
06-Sep-17	14-Sep-17	25-Sep-17		32.4	0.0	
13-Sep-17	22-Sep-17	25-Sep-17		40.7	-1.0	
20-Sep-17	28-Sep-17	20-Oct-17		27.3	5.0	
11-Oct-17	25-Oct-17	24-Nov-17		23.9	4.6	
01-Nov-17	08-Nov-17	24-Nov-17		0.0	0.4	
09-Nov-17	16-Nov-17	24-Nov-17		34.9	0.6	
15-Nov-17	22-Nov-17	24-Nov-17		23.0	-2.4	
29-Nov-17	11-Dec-17	15-Dec-17		31.8	2.6	
08-Dec-17	15-Dec-17	15-Dec-17		30.6	2.0	
13-Dec-17	22-Dec-17	11-Jan-18		23.8	1.7	
20-Jun-18	02-Jul-18	13-Jul-18		32.4	-0.2	
27-Jun-18	03-Jul-18	13-Jul-18		38.6	-0.4	
05-Jul-18	13-Jul-18	13-Jul-18		24.0	1.1	
11-Jul-18	17-Jul-18	22-Aug-18		36.0	0.4	
18-Jul-18	27-Jul-18	22-Aug-18		40.0	-0.8	
25-Jul-18	07-Jul-18	22-Aug-18		33.2	-0.6	
02-Aug-18	14-Aug-18	22-Aug-18		39.4	-1.2	
08-Aug-18	15-Aug-18	22-Aug-18		24.4	1.0	
23-Aug-18	06-Sep-18	26-Oct-18		36.8	-5.8	
29-Aug-18	06-Sep-18	26-Oct-18		32.7	-1.2	
12-Sep-18	25-Sep-18	26-Oct-18		21.8	-1.0	
19-Sep-18	03-Oct-18	26-Oct-18		17.2	2.4	
26-Sep-18	04-Oct-18	26-Oct-18		13.6	6.0	
03-Oct-18	11-Oct-18	26-Oct-18		12.0	4.6	
10-Oct-18	18-Oct-18	26-Oct-18		19.5	3.6	
31-Oct-18	09-Nov-18	14-Dec-18		28.4	0.8	
07-Nov-18	14-Nov-18	14-Dec-18		37.0	-3.6	
14-Nov-18	28-Nov-18	14-Dec-18		44.0	4.8	
21-Nov-18	28-Nov-18	14-Dec-18		**56.2**	-0.6	A small tube leak was found in an evaporator set after season ended explaing the elevated BOD
28-Nov-18	05-Dec-18	14-Dec-18		45.2	8.2	Season ended 30/11/18
17-Jul-19	25-Jul-19	08-Aug-19		31.6	4.0	
25-Jul-19	31-Jul-19	08-Aug-19		28.4	1.1	
01-Aug-19	08-Aug-19	12-Sep-19		32.5	1.4	
07-Aug-19	14-Aug-19	12-Sep-19		39.8	-1.8	
14-Aug-19	20-Aug-19	12-Sep-19		13.0	0.0	
22-Aug-19	27-Aug-19	12-Sep-19		30.6	-4.2	
28-Aug-19	03-Sep-19	12-Sep-19		48.2	-1.8	
04-Sep-19	16-Sep-19	10-Oct-19		29.8	2.6	
18-Sep-19	24-Sep-19	10-Oct-19		42.1	9.0	
27-Sep-19	08-Oct-19	10-Oct-19		27.0	2.0	
02-Oct-19	15-Oct-19	14-Nov-19		35.2	1.0	
09-Oct-19	15-Oct-19	14-Nov-19		51.4	-2.0	Some stale cane went through plant around the time of testing
16-Oct-19	22-Oct-19	14-Nov-19		41.0	-6.2	
30-Oct-19	04-Nov-19	14-Nov-19		25.6	4.0	
07-Nov-19	13-Nov-19	12-Dec-19		29.0	-5.6	
14-Nov-19	27-Nov-19	12-Dec-19		41.6	1.8	
20-Nov-19	27-Nov-19	12-Dec-19		24.2	-5.2	
04-Dec-19	10-Dec-19	12-Dec-19		26.4	4.2	
11-Dec-19	13-Jan-20	16-Jan-20		18.8	3.0	Season End 15/12/19
						No Sampling 10/6 start up/Wet weather
19-Jun-20	30-Jun-20	09-Jul-20		15.4	0.8	
25-Jun-20	01-Jul-20	09-Jul-20		22.0	1.4	
						No sample 1/7 - maintenance & mill stops
08-Jul-20	15-Jul-20	13-Aug-20		32.4	0.4	
16-Jul-20	22-Jul-20	13-Aug-20		15.4	1.6	
24-Jul-20	30-Jul-20	13-Aug-20		31.8	7.8	
						Mill shutdown for wet weather 29/7
06-Aug-20	13-Aug-20	10-Sep-20		25.2	2.0	
13-Aug-20	19-Aug-20	10-Sep-20		32.0	-0.6	
19-Aug-20	24-Aug-20	10-Sep-20		38.6	1.8	
		10-Sep-20				No sample 26/8 - maintenance & mill stops
02-Sep-20	09-Sep-20	10-Sep-20		40.6	2.0	
09-Sep-20	15-Sep-20	13-Oct-20		25.0	0.2	
16-Sep-20	22-Sep-20	13-Oct-20		30.0	1.4	
23-Sep-20	30-Sep-20	13-Oct-20		35.4	-2.0	
						No sample 30/9 - maintenance & mill stops
07-Oct-20	15-Oct-20	13-Nov-20		24.0	-4.0	
15-Oct-20	27-Oct-20	13-Nov-20		26.6	-1.1	
21-Oct-20	29-Oct-20	13-Nov-20		32.1	-0.4	

Sampling Point:	**Monitoring Point 3 - Torri Drain Cooling Water Discharge**
Licencee	Manildra Harwood Sugars
Location	**McLeod Street, Condong**
EPL No	170
Parameters Monitored	Biochemical Oxygen Demand and Total Suspended Solids (mg/L)
Frequency & Method	Fortnightly Composite
Limit/s	See table

Comments

Licence Limits: 90% of samples must be below the prescribed 90th percentile limit. Maximum limit is the maximum permissible discharge value.

Sampling: The mill operates seasonally. No data is reported between seasons as no cooling water discharges occur.

> 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**	**90** Percentile	**45>bgd**	**10>bgd**	**Notes**
			Maximum	**55>bgd**	**15>bgd**	
		13-Nov-20				Mill shutdown-wet weather 28-30/10
04-Nov-20	11-Nov-20	13-Nov-20		32.6	-2.0	
13-Nov-20	19-Nov-20	10-Dec-20		21.9	-1.4	
19-Nov-20	26-Nov-20	10-Dec-20		**56.0**	-1.0	High BOD Identifed a leaking tube in one of the Intermediate Heaters, that vessel has since been taken out of service.
27-Nov-20	07-Dec-20	10-Dec-20		16.8	0.0	
30-Jun-21	13-Jul-21	13-Aug-21		11.0	1.0	Start up & Mill Stops - W.E. 27/6
14-Jul-21	21-Jul-21	13-Aug-21		22.4	1.8	Mill Shutdown for Wet Weather- W.E. 11/7
21-Jul-21	29-Jul-21	13-Aug-21		16.3	-2.2	
28-Jul-21	03-Aug-21	13-Aug-21		26.3	-2.5	
04-Aug-21	10-Aug-21	13-Aug-21		29.7	-3.8	
11-Aug-21	17-Aug-21	10-Sep-21		33.0	-1.0	
25-Aug-21	31-Aug-21	10-Sep-21		20.5	-0.7	W.E.22/8 - Analyst sick
02-Sep-21	09-Sep-21	10-Sep-21		18.1	-0.7	
08-Sep-21	14-Sep-21	13-Oct-21		13.6	0.5	
15-Sep-21	21-Sep-21	13-Oct-21		27.8	0.0	
06-Oct-21	12-Oct-21	13-Oct-21		33.5	-1.0	W.E.26/9 - Mill Maintenance shutdown, W.E.3/10 - Wet Weather Shutdown

Sampling Point:	**Monitoring Point 3 - Torri Drain Cooling Water Discharge**
Licencee	Manildra Harwood Sugars
Location	**McLeod Street, Condong**
EPL No	170
Parameters Monitored	pH and Temperature (ºC)
Frequency & Method	Fortnightly Representative Sample.
Limit/s	See table

Comments

Licence Limits: 90% of samples must be below the prescribed 90th percentile limit. Maximum limit is the maximum permissible discharge value.

Sampling: The mill operates seasonally. No data is reported between seasons as no cooling water discharges occur.

Date Sampled & Obtained	Date Published	Licence Limits	pH	Temperature (ºC)	Notes
		90 Percentile	N/A	45	
		Maximum	6.5 - 8.5	50	
06-Sep-17	25-Sep-17		7.0	35.6	
13-Sep-17	25-Sep-17		7.3	36.8	
20-Sep-17	20-Oct-17		7.0	32.8	
11-Oct-17	24-Nov-17		7.3	38.9	
01-Nov-17	24-Nov-17		6.3	35.3	Unexplained reading - ambient river pH measured at 6.9 also very low. Possible contamination of sample
09-Nov-17	24-Nov-17		6.9	34.4	
15-Nov-17	24-Nov-17		7.1	32.1	
29-Nov-17	15-Dec-17		7.1	33.8	
08-Dec-17	15-Dec-17		7.0	31.8	
13-Dec-17	11-Jan-18		6.9	31.8	
20-Jun-18	13-Jul-18		7.1	31.4	
27-Jun-18	13-Jul-18		7.1	31.8	
05-Jul-18	13-Jul-18		6.9	31.2	
11-Jul-18	22-Aug-18		6.9	31.3	
18-Jul-18	22-Aug-18		6.9	28.1	
25-Jul-18	22-Aug-18		7.2	31.4	
02-Aug-18	22-Aug-18		7.1	25.2	
08-Aug-18	22-Aug-18		7.0	26.9	
23-Aug-18	26-Oct-18		6.9	30.1	
29-Aug-18	26-Oct-18		6.6	28.3	
12-Sep-18	26-Oct-18		6.7	30.7	
19-Sep-18	26-Oct-18		7.0	31.0	
26-Sep-18	26-Oct-18		7.0	29.6	
03-Oct-18	26-Oct-18		7.1	32.4	
10-Oct-18	26-Oct-18		6.8	30.9	
31-Oct-18	14-Dec-18		6.9	33.4	
07-Nov-18	14-Dec-18		6.6	35.8	
14-Nov-18	14-Dec-18		6.9	33.7	
21-Nov-18	14-Dec-18		7.2	38.5	
28-Nov-18	14-Dec-18		6.6	32.6	
17-Jul-19	08-Aug-19		6.7	30.2	
25-Jul-19	08-Aug-19		6.8	29.9	
01-Aug-19	12-Sep-19		6.9	28.0	
07-Aug-19	12-Sep-19		7.0	31.9	
14-Aug-19	12-Sep-19		7.1	27.4	
22-Aug-19	12-Sep-19		6.8	32.9	
28-Aug-19	12-Sep-19		7.1	33.5	
04-Sep-19	10-Oct-19		7.0	33.8	
18-Sep-19	10-Oct-19		7.0	33.5	
27-Sep-19	10-Oct-19		6.8	34.9	
02-Oct-19	14-Nov-19		6.9	35.0	
09-Oct-19	14-Nov-19		6.9	34.3	
16-Oct-19	14-Nov-19		6.6	35.3	
30-Oct-19	14-Nov-19		6.9	33.5	
07-Nov-19	12-Dec-19		6.9	34.6	
14-Nov-19	12-Dec-19		6.8	36.1	
20-Nov-19	12-Dec-19		7.4	36.6	
04-Dec-19	12-Dec-19		6.9	31.7	
11-Dec-19	16-Jan-20		6.9	39.2	
19-Jun-20	09-Jul-20		6.8	31.1	
25-Jun-20	09-Jul-20		7.0	30.9	
08-Jul-20	13-Aug-20		7.3	30.2	
16-Jul-20	13-Aug-20		7.1	30.9	
24-Jul-20	13-Aug-20		6.7	26.4	
13-Aug-20	10-Sep-20		6.7	29.1	
19-Aug-20	10-Sep-20		6.8	30.9	
24-Aug-20	10-Sep-20		6.8	32.3	
02-Sep-20	10-Sep-20		7.1	31.0	
09-Sep-20	13-Oct-20		6.9	34.2	
16-Sep-20	13-Oct-20		6.9	34.3	
23-Sep-20	13-Oct-20		6.9	37.0	
07-Oct-20	13-Nov-20		7.1	37.0	
15-Oct-20	13-Nov-20		7.1	38.2	
21-Oct-20	13-Nov-20		7.0	38.8	

Sampling Point:	**Monitoring Point 3 - Torri Drain Cooling Water Discharge**
Licencee	Manildra Harwood Sugars
Location	**McLeod Street, Condong**
EPL No	170
Parameters Monitored	pH and Temperature (ºC)
Frequency & Method	Fortnightly Representative Sample.
Limit/s	See table

Comments

Licence Limits: 90% of samples must be below the prescribed 90th percentile limit. Maximum limit is the maximum permissible discharge value.

Sampling: The mill operates seasonally. No data is reported between seasons as no cooling water discharges occur.

Date Sampled & Obtained	Date Published	Licence Limits	pH	Temperature (ºC)	Notes
		90 Percentile	**N/A**	**45**	
		Maximum	**6.5 - 8.5**	**50**	
04-Nov-20	13-Nov-20		7.1	38.5	
13-Nov-20	10-Dec-20		7.1	37.9	
19-Nov-20	10-Dec-20		7.2	39.7	
27-Nov-20	10-Dec-20		7.2	41.1	
30-Jun-21	13-Aug-21		7.1	30.2	
14-Jul-21	13-Aug-21		6.9	30.9	
21-Jul-21	13-Aug-21		7.1	28.0	
28-Jul-21	13-Aug-21		7.0	31.5	
04-Aug-21	13-Aug-21		6.9	28.8	
11-Aug-21	10-Sep-21		7.2	30.1	
25-Aug-21	10-Sep-21		7.2	32.3	
02-Sep-21	10-Sep-21		7.0	31.1	
08-Sep-21	13-Oct-21		7.1	30.1	
15-Sep-21	13-Oct-21		7.2	33.3	
06-Oct-21	13-Oct-21		7.2	32.2	

Sampling Point:	**Monitoring Point 3 - Torri Drain Cooling Water Discharge**
Licencee	Manildra Harwood Sugars
Location	**McLeod Street, Condong**
EPL No	170
Parameters Monitored	**Volume**
Frequency & Method	Continuous Approved Method
Limit/s	60000 k/L/day
Comments	The results in the table provide a summary of the minimum, maximum and mean daily volume discharged in kilolitres per day for the period indicated.

The mill operates seasonally. No data is reported between seasons as no cooling water discharges occur.

MONITORING PERIOD				Volume k/L/day			
Date Start	**Date Finish**	**Date Received**	**Date Published**	**Minimum Daily Discharge**	**Maximum Daily Discharge**	**Mean Daily Discharge**	**Notes**
4-Sep-17	17-Sep-17	18-Sep-17	20-Oct-17	30514	30635	30574	
18-Sep-17	1-Oct-17	2-Oct-17	20-Oct-17	28546	31822	30184	
2-Oct-17	15-Oct-17	16-Oct-17	20-Oct-17	29816	30688	30252	
16-Oct-17	29-Oct-17	30-Oct-17	24-Nov-17	26142	28502	27322	
30-Oct-17	12-Nov-17	13-Nov-17	24-Nov-17	27653	29565	28609	
13-Nov-17	26-Nov-17	27-Nov-17	15-Dec-17	28174	28766	28470	
27-Nov-17	10-Dec-17	11-Dec-17	15-Dec-17	27115	28900	28008	
11-Dec-17	14-Dec-17	15-Dec-17	15-Dec-17	27706	27706	27706	Season Ended 14/12/17 - Shutdown
12-Jun-18	24-Jun-18	25-Jun-18	13-Jul-18	28055	29688	28872	
25-Jun-18	8-Jul-18	9-Jul-18	13-Jul-18	26694	28023	27359	
9-Jul-18	22-Jul-18	23-Jul-18	22-Aug-18	28892	29151	29021	
23-Jul-18	5-Aug-18	6-Aug-18	22-Aug-18	28391	29736	29064	
6-Aug-18	19-Aug-18	20-Aug-18	22-Aug-18	28754	30012	29383	
20-Aug-18	2-Sep-18	3-Sep-18	26-Oct-18	28842	29648	28245	
3-Sep-18	16-Sep-18	17-Sep-18	26-Oct-18	27554	30077	28816	
17-Sep-18	30-Sep-18	1-Oct-18	26-Oct-18	29605	30120	29862	
1-Oct-18	14-Oct-18	15-Oct-18	26-Oct-18	24189	29138	26663	
15-Oct-18	28-Oct-18	29-Oct-18	14-Dec-18	27824	27824	27824	Mill not crushing - Wet Weather 1 week
29-Oct-18	11-Nov-18	12-Nov-18	14-Dec-18	28640	29744	29193	
12-Nov-18	25-Nov-18	26-Nov-18	14-Dec-18	28108	28373	28240	
26-Nov-18	30-Nov-18	1-Dec-18	14-Dec-18	27473	27473	27473	Season Ended 30/11/2018- Shutdown
24-Jun-19	7-Jul-19	8-Jul-19	11-Jul-19	22190	24797	23494	
8-Jul-19	21-Jul-19	22-Jul-19	08-Aug-19	26906	33266	30086	
22-Jul-19	4-Aug-19	5-Aug-19	08-Aug-19	28615	29476	29046	
5-Aug-19	18-Aug-19	19-Aug-19	12-Sep-19	28595	28743	28669	
19-Aug-19	1-Sep-19	2-Sep-19	12-Sep-19	29781	30060	29920	
2-Sep-19	15-Sep-19	16-Sep-19	10-Oct-19	28530	30062	29296	
16-Sep-19	29-Sep-19	30-Sep-19	10-Oct-19	27872	27977	27925	
30-Sep-19	13-Oct-19	14-Oct-19	14-Nov-19	28247	30132	29190	
14-Oct-19	27-Oct-19	28-Oct-19	14-Nov-19	20194	29658	24926	
28-Oct-19	10-Nov-19	11-Nov-19	14-Nov-19	29775	30165	29970	
11-Nov-19	24-Nov-19	25-Nov-19	12-Dec-19	26716	30455	28585	
25-Nov-19	8-Dec-19	9-Dec-19	12-Dec-19	25664	26630	26147	
9-Dec-19	15-Dec-19	16-Dec-19	16-Jan-20	25862	25862	25862	Season Ended 15/12/2019- Shutdown
9-Jun-20	21-Jun-20	22-Jun-20	09-Jul-20	27146	28055	27601	
22-Jun-20	5-Jul-20	6-Jul-20	09-Jul-20	28288	29609	28948	
6-Jul-20	19-Jul-20	20-Jul-20	13-Aug-20	28153	29398	28775	
20-Jul-20	2-Aug-20	3-Aug-20	13-Aug-20	28478	28478	28478	Mill not crushing W.E. 2/8 - Wet Weather
3-Aug-20	16-Aug-20	17-Aug-20	10-Sep-20	25162	26676	25919	
17-Aug-20	30-Aug-20	31-Aug-20	10-Sep-20	24753	25926	25339	
31-Aug-20	13-Sep-20	14-Sep-20	13-Oct-20	28042	28430	28236	
14-Sep-20	27-Sep-20	28-Sep-20	13-Oct-20	25685	28604	27145	
28-Sep-20	11-Oct-20	12-Oct-20	13-Nov-20	28665	29302	28984	
12-Oct-20	25-Oct-20	27-Oct-20	13-Nov-20	29925	30325	30125	
26-Oct-20	8-Nov-20	9-Nov-20	13-Nov-20	27714	30125	28920	
9-Nov-20	22-Nov-20	23-Nov-20	10-Dec-20	28888	29515	29201	
23-Nov-20	1-Dec-20	6-Dec-20	10-Dec-20	30023	32578	31300	Season Finish
21-Jun-21	4-Jul-21	6-Jul-21	13-Aug-21	27625	30139	28882	
5-Jul-21	18-Jul-21	19-Jul-21	13-Aug-21	24614	30158	27386	
19-Jul-21	1-Aug-21	3-Aug-21	13-Aug-21	29040	29262	29151	
2-Aug-21	15-Aug-21	16-Aug-21	10-Sep-21	24590	28216	26403	
16-Aug-21	29-Aug-21	31-Aug-21	10-Sep-21	24296	27817	26056	
30-Aug-21	12-Sep-21	13-Sep-21	13-Oct-21	27283	27418	27350	
13-Sep-21	26-Sep-21	27-Sep-21	13-Oct-21	27110	27901	27506	
27-Sep-21	10-Oct-21	11-Oct-21	13-Oct-21	27042	27345	27193	

Sampling Point:	**Monitoring Point 4 - Injection Water, Background River Water Quality**
Licencee	Manildra Harwood Sugars
Location	McLeod Street, Condong
EPL No	170
Parameters Monitored	Biochemical Oxygen Demand and Total Suspended Solids (mg/L)
Frequency & Method	Fortnightly Representative Sample.
Limit/s	Not Applicable - Background river data is used to determine discharge pollutant load at monitoring point 3 by subtracting these results from the results obtained at monitoring point 6
Comments	Fortnightly

Date Sampled	Date Results Obtained	Date Published	BOD_5 (mg/L)	TSS (mg/L)	Notes
06-Sep-17	14-Sep-17	25-Sep-17	3.6	10.0	
13-Sep-17	22-Sep-17	25-Sep-17	3.3	9.2	
20-Sep-17	28-Sep-17	20-Oct-17	2.7	10.0	Boiler Station breakdown 27/9
11-Oct-17	25-Oct-17	24-Nov-17	2.1	5.4	Mill shutdown for wet weather 4/10
01-Nov-17	08-Nov-17	24-Nov-17	15.0	7.4	Mill shutdown for wet weather 18/10
09-Nov-17	16-Nov-17	24-Nov-17	2.1	9.0	Mill shutdown for wet weather 25/10
15-Nov-17	22-Nov-17	24-Nov-17	6.0	8.0	Mill shutdown for wet weather 22/11
29-Nov-17	11-Dec-17	15-Dec-17	1.2	6.0	
08-Dec-17	15-Dec-17	15-Dec-17	1.4	10.0	
13-Dec-17	22-Dec-17	11-Jan-18	2.2	6.5	Crushing finished 14/12/17
20-Jun-18	02-Jul-18	13-Jul-18	6.6	3.8	
27-Jun-18	03-Jul-18	13-Jul-18	4.4	5.0	
05-Jul-18	13-Jul-18	13-Jul-18	3.0	3.5	
11-Jul-18	17-Jul-18	22-Aug-18	4.0	8.4	
18-Jul-18	27-Jul-18	22-Aug-18	3.0	7.2	
25-Jul-18	07-Aug-18	22-Aug-18	4.8	9.4	
02-Aug-18	14-Aug-18	22-Aug-18	1.6	6.0	
08-Aug-18	15-Aug-18	22-Aug-18	4.6	13.0	
23-Aug-18	06-Sep-18	26-Oct-18	4.2	15.0	No sample done 15/8- #3 mill stop
29-Aug-18	06-Sep-18	26-Oct-18	3.3	11.0	
12-Sep-18	25-Sep-18	26-Oct-18	1.2	14.0	Mill shutdown for wet weather 5/9
19-Sep-18	03-Oct-18	26-Oct-18	2.8	6.4	
26-Sep-18	04-Oct-18	26-Oct-18	1.4	6.0	
03-Oct-18	11-Oct-18	26-Oct-18	2.0	5.0	Mill shutdown for wet weather 17/10
10-Oct-18	18-Oct-18	26-Oct-18	0.5	7.4	No sample 24/10 start up/wet weather
31-Oct-18	09-Nov-18	14-Dec-18	1.6	6.6	
07-Nov-18	14-Nov-18	14-Dec-18	1.0	10.0	
14-Nov-18	28-Nov-18	14-Dec-18	2.0	5.2	
21-Nov-18	28-Nov-18	14-Dec-18	4.8	7.2	
28-Nov-18	05-Dec-18	14-Dec-18	1.8	5.8	
					No sample 3/7 start up/wet weather
17-Jul-19	25-Jul-19	08-Aug-19	3.4	3.5	Mill shutdown for wet weather 11/7
25-Jul-19	31-Jul-19	08-Aug-19	4.6	5.2	
01-Aug-19	08-Aug-19	12-Sep-19	0.5	8.2	
07-Aug-19	14-Aug-19	12-Sep-19	1.2	8.4	
14-Aug-19	20-Aug-19	12-Sep-19	5.0	6.8	
22-Aug-19	27-Aug-19	12-Sep-19	1.4	10.0	
28-Aug-19	03-Sep-19	12-Sep-19	4.8	9.2	
04-Sep-19	16-Sep-19	10-Oct-19	1.2	9.4	
18-Sep-19	24-Sep-19	10-Oct-19	3.9	10.0	
27-Sep-19	08-Oct-19	10-Oct-19	4.0	13.0	
02-Oct-19	15-Oct-19	14-Nov-19	1.8	17.0	
09-Oct-19	15-Oct-19	14-Nov-19	3.6	13.0	
16-Oct-19	22-Oct-19	14-Nov-19	2.0	16.0	
30-Oct-19	04-Nov-19	14-Nov-19	1.4	18.0	
07-Nov-19	13-Nov-19	12-Dec-19	5.0	13.0	
14-Nov-19	27-Nov-19	12-Dec-19	1.4	9.2	
20-Nov-19	27-Nov-19	12-Dec-19	4.8	13.0	
04-Dec-19	10-Dec-19	12-Dec-19	4.6	5.8	
11-Dec-19	13-Jan-20	16-Jan-20	2.2	12.0	
					No sample 10/6 start up/wet weather
19-Jun-20	30-Jun-20	09-Jul-20	3.6	4.8	
25-Jun-20	01-Jul-20	09-Jul-20	1.0	4.6	BOD was reported as <1
					No sample 1/7 - maintenance & mill stops
08-Jul-20	15-Jul-20	13-Aug-20	2.6	4.8	
16-Jul-20	22-Jul-20	13-Aug-20	3.6	4.2	
24-Jul-20	30-Jul-20	13-Aug-20	2.2	8.2	
					Mill shutdown for wet weather 29/7
06-Aug-20	13-Aug-20	10-Sep-20	1.8	11.0	
13-Aug-20	19-Aug-20	10-Sep-20	5.0	7.2	
19-Aug-20	24-Aug-20	10-Sep-20	3.4	9.2	
		10-Sep-20			No sample 26/8 - maintenance & mill stops
02-Sep-20	09-Sep-20	10-Sep-20	4.4	11.0	

Sampling Point:	**Monitoring Point 4 - Injection Water, Background River Water Quality**
Licencee	Manildra Harwood Sugars
Location	McLeod Street, Condong
EPL No	170
Parameters Monitored	Biochemical Oxygen Demand and Total Suspended Solids (mg/L)
Frequency & Method	Fortnightly Representative Sample.
Limit/s	Not Applicable - Background river data is used to determine discharge pollutant load at monitoring point 3 by subtracting these results from the results obtained at monitoring point 6
Comments	Fortnightly

Date Sampled	Date Results Obtained	Date Published	BOD_5 (mg/L)	TSS (mg/L)	Notes
09-Sep-20	15-Sep-20	13-Oct-20	2.0	8.0	
16-Sep-20	22-Sep-20	13-Oct-20	4.0	8.6	
23-Sep-20	30-Sep-20	13-Oct-20	3.6	8.8	
					No sample 30/9 - maintenance & mill stops
07-Oct-20	15-Oct-20	13-Nov-20	2.0	13.0	
15-Oct-20	27-Oct-20	13-Nov-20	4.4	7.4	
21-Oct-20	29-Oct-20	13-Nov-20	3.9	6.8	
		13-Nov-20			Mill shutdown-wet weather 28-30/10
04-Nov-20	11-Nov-20	13-Nov-20	1.4	6.6	
13-Nov-20	19-Nov-20	10-Dec-20	2.1	10.0	
19-Nov-20	26-Nov-20	10-Dec-20	2.0	11.0	
27-Nov-20	08-Dec-20	10-Dec-20	3.2	13.0	
					Start up & Mill Stops - W.E. 27/6
30-Jun-21	13-Jul-21	13-Aug-21	10.0	11.0	
14-Jul-21	21-Jul-21	13-Aug-21	1.6	8.0	Mill shutdown, Wet Weather - W.E. 11/7
21-Jul-21	29-Jul-21	13-Aug-21	2.7	5.2	
28-Jul-21	03-Aug-21	13-Aug-21	2.7	6.5	
04-Aug-21	10-Aug-21	13-Aug-21	6.3	12.0	
11-Aug-21	17-Aug-21	10-Sep-21	1.0	11.0	
25-Aug-21	31-Aug-21	10-Sep-21	1.5	9.2	W.E. 22/8 - Analyst sick
02-Sep-21	09-Sep-21	10-Sep-21	3.9	10.0	
08-Sep-21	14-Sep-21	13-Oct-21	2.4	9.0	
15-Sep-21	21-Sep-21	13-Oct-21	4.2	15.0	
06-Oct-21	12-Oct-21	13-Oct-21	1.5	12.0	W.E. 26/9 - Mill shutdown, W.E. 3/10 - Wet Weather

Sampling Point:	**Monitoring Point 4 - Injection Water, Background River Water Quality**
Licencee	Manildra Harwood Sugars
Location	McLeod Street, Condong
EPL No	170
Parameters Monitored	pH and Temperature (ºC)
Frequency & Method	Fortnightly Representative Sample.
Limit/s	Not Applicable - Background river data is used to determine discharge pollutant load at monitoring point 3 by subtracting these results from the results obtained at monitoring point 6
Comments	

Date Sampled & Obtained	Date Published	pH	Temp (ºC)	Notes
06-Sep-17	25-Sep-17	7.2	20.2	
13-Sep-17	25-Sep-17	6.9	23.0	
20-Sep-17	20-Oct-17	7.3	25.1	
11-Oct-17	24-Nov-17	7.2	25.1	
01-Nov-17	24-Nov-17	6.9	26.0	
09-Nov-17	24-Nov-17	7.2	24.0	
15-Nov-17	24-Nov-17	7.1	25.2	
29-Nov-17	15-Dec-17	7.1	25.0	
08-Dec-17	15-Dec-17	7.1	26.0	
13-Dec-17	11-Jan-18	7.1	25.9	
20-Jun-18	13-Jul-18	7.3	19.2	
27-Jun-18	13-Jul-18	7.2	19.8	
05-Jul-18	13-Jul-18	7.1	21.3	
11-Jul-18	22-Aug-18	7.1	19.1	
18-Jul-18	22-Aug-18	7.1	17.1	
25-Jul-18	22-Aug-18	7.3	19.9	
02-Aug-18	22-Aug-18	7.3	19.0	
08-Aug-18	22-Aug-18	7.1	20.8	
23-Aug-18	26-Oct-18	7.2	19.2	
29-Aug-18	26-Oct-18	7.1	20.8	
12-Sep-18	26-Oct-18	7.1	21.0	
19-Sep-18	26-Oct-18	6.9	21.4	
26-Sep-18	26-Oct-18	7.3	21.8	
03-Oct-18	26-Oct-18	7.4	23.6	
10-Oct-18	26-Oct-18	7.1	24.1	
31-Oct-18	14-Dec-18	7.1	23.9	
07-Nov-18	14-Dec-18	6.9	26.0	
14-Nov-18	14-Dec-18	7.4	27.0	
21-Nov-18	14-Dec-18	7.3	27.8	
28-Nov-18	14-Dec-18	7.2	26.9	
17-Jul-19	08-Aug-19	6.9	19.1	
25-Jul-19	08-Aug-19	6.9	18.6	
01-Aug-19	12-Sep-19	7.1	19.0	
07-Aug-19	12-Sep-19	7.2	19.7	
14-Aug-19	12-Sep-19	7.4	18.1	
22-Aug-19	12-Sep-19	7.1	18.2	
28-Aug-19	12-Sep-19	7.2	20.9	
04-Sep-19	10-Oct-19	7.3	19.7	
18-Sep-19	10-Oct-19	7.4	22.1	
27-Sep-19	10-Oct-19	7.1	23.7	
02-Oct-19	14-Nov-19	7.2	23.4	
09-Oct-19	14-Nov-19	7.4	26.1	
16-Oct-19	14-Nov-19	7.1	23.0	
30-Oct-19	14-Nov-19	7.4	23.8	
07-Nov-19	12-Dec-19	7.3	25.0	
14-Nov-19	12-Dec-19	7.2	23.6	
20-Nov-19	12-Dec-19	7.3	28.9	
04-Dec-19	12-Dec-19	7.1	27.4	
11-Dec-19	16-Jan-20	7.1	29.2	
				No sample 10/6 start up/wet weather
19-Jun-20	09-Jul-20	7.1	19.7	
25-Jun-20	09-Jul-20	7.1	20.0	BOD was reported as <1
				No sample 1/7 - maintenance & mill stops
08-Jul-20	13-Aug-20	7.2	17.2	
16-Jul-20	13-Aug-20	7.3	18.7	
24-Jul-20	13-Aug-20	6.9	19.2	
				Mill shutdown for wet weather 29/7
06-Aug-20	10-Sep-20	6.1	18.4	
13-Aug-20	10-Sep-20	6.9	19.4	
19-Aug-20	10-Sep-20	7.0	17.5	
				No sample 26/8 - maintenance & mill stops
02-Sep-20	10-Sep-20	7.0	20.6	

Sampling Point:	**Monitoring Point 4 - Injection Water, Background River Water Quality**
Licencee	Manildra Harwood Sugars
Location	McLeod Street, Condong
EPL No	170
Parameters Monitored	pH and Temperature (ºC)
Frequency & Method	Fortnightly Representative Sample.
Limit/s	Not Applicable - Background river data is used to determine discharge pollutant load at monitoring point 3 by subtracting these results from the results obtained at monitoring point 6
Comments	

Date Sampled & Obtained	Date Published	pH	Temp (ºC)	Notes
09-Sep-20	13-Oct-20	7.1	21.6	
16-Sep-20	13-Oct-20	6.9	21.4	
23-Sep-20	13-Oct-20	7.1	24.8	
				No sample 30/9 - maintenance & mill stops
07-Oct-20	13-Nov-20	7.3	24.7	
15-Oct-20	13-Nov-20	7.3	24.4	
21-Oct-20	13-Nov-20	7.2	24.6	
				Mill shutdown-wet weather 28-30/10
04-Nov-20	13-Nov-20	7.3	23.4	
13-Nov-20	10-Dec-20	7.2	26.1	
19-Nov-20	10-Dec-20	7.3	25.9	
27-Nov-20	10-Dec-20	7.3	28.8	
				Finished Crushing 2020
30-Jun-21	13-Aug-21	7.2	20.2	Start up & Mill Stops - W.E. 27/6
14-Jul-21	13-Aug-21	6.9	17.6	Mill shutdown, Wet Weather - W.E. 11/7
21-Jul-21	13-Aug-21	7.2	18.5	
28-Jul-21	13-Aug-21	7.3	18.7	
04-Aug-21	13-Aug-21	7.0	19.3	
11-Aug-21	10-Sep-21	7.3	18.0	
25-Aug-21	10-Sep-21	7.3	20.7	W.E. 22/8 - Analyst sick
02-Sep-21	10-Sep-21	7.1	23.2	
08-Sep-21	13-Oct-21	7.3	21.3	
15-Sep-21	13-Oct-21	7.3	22.1	
06-Oct-21	13-Oct-21	7.1	22.7	W.E. 26/9 - Mill shutdown, W.E. 3/10 - Wet Weather

Sampling Point:	Monitoring Point 6 - Mill Torri Drain Discharge
Licencee	Manildra Harwood Sugars
Location	McLeod Street, Condong
EPL No	170
Parameters Monitored	Biochemical Oxygen Demand and Total Suspended Solids
Frequency & Method	Fortnightly Composite
Limit/s	Not Applicable - Data is used to determine discharged pollutant load at point 3 by subtracting these results from those obtained from monitoring point 4.
Comments	Lab Analysis Required

Date Sampled	Date Results Obtained	Date Published	BOD_5 (mg/L)	TSS (mg/L)	Notes
06-Sep-17	14-Sep-17	25-Sep-17	36.0	10.0	
13-Sep-17	22-Sep-17	25-Sep-17	44.0	8.2	
20-Sep-17	28-Sep-17	20-Oct-17	30.0	15.0	Boiler Station breakdown 27/9
11-Oct-17	25-Oct-17	24-Nov-17	26.0	10.0	Mill shutdown for wet weather 4/10
01-Nov-17	08-Nov-17	24-Nov-17	15.0	7.8	Mill shutdown for wet weather 18/10
09-Nov-17	16-Nov-17	24-Nov-17	37.0	9.6	Mill shutdown for wet weather 25/10
15-Nov-17	22-Nov-17	24-Nov-17	29.0	5.6	Mill shutdown for wet weather 22/11
29-Nov-17	11-Dec-17	15-Dec-17	33.0	8.6	
08-Dec-17	15-Dec-17	15-Dec-17	32.0	12.0	
13-Dec-17	22-Dec-17	11-Jan-18	26.0	8.2	Crushing finished 14/12/17
20-Jun-18	02-Jul-18	13-Jul-18	39.0	3.6	
27-Jun-18	03-Jul-18	13-Jul-18	43.0	4.6	
05-Jul-18	13-Jul-18	13-Jul-18	27.0	4.6	
11-Jul-18	17-Jul-18	22-Aug-18	40.0	8.8	
18-Jul-18	27-Jul-18	22-Aug-18	43.0	6.4	
25-Jul-18	07-Jul-18	22-Aug-18	38.0	8.8	
02-Aug-18	14-Aug-18	22-Aug-18	41.0	4.8	
08-Aug-18	15-Aug-18	22-Aug-18	29.0	14.0	
23-Aug-18	06-Sep-18	26-Oct-18	41.0	9.2	No sample done 15/8 - #3 mill stop
29-Aug-18	06-Sep-18	26-Oct-18	36.0	9.8	
12-Sep-18	25-Sep-18	26-Oct-18	23.0	13.0	Mill shutdown for wet weather 5/9
19-Sep-18	03-Oct-18	26-Oct-18	20.0	8.8	
26-Sep-18	04-Oct-18	26-Oct-18	15.0	12.0	
03-Oct-18	11-Oct-18	26-Oct-18	14.0	9.6	Mill shutdown for wet weather 17/10
10-Oct-18	18-Oct-18	26-Oct-18	20.0	11.0	No Sampling 24/10 start up/Wet weather
31-Oct-18	09-Nov-18	14-Dec-18	30.0	7.4	
07-Nov-18	14-Nov-18	14-Dec-18	38.0	6.4	
14-Nov-18	28-Nov-18	14-Dec-18	46.0	10.0	
21-Nov-18	28-Nov-18	14-Dec-18	61.0	6.6	
28-Nov-18	05-Dec-18	14-Dec-18	47.0	14.0	Crushing season finished on Nov 30
					No Sampling 3/7 start up/Wet weather
17-Jul-19	25-Jul-19	08-Aug-19	35.0	7.5	Mill shutdown for wet weather 10/7
25-Jul-19	31-Jul-19	08-Aug-19	33.0	6.3	
01-Aug-19	08-Aug-19	12-Sep-19	33.0	9.6	
07-Aug-19	14-Aug-19	12-Sep-19	41.0	6.6	
14-Aug-19	20-Aug-19	12-Sep-19	18.0	6.8	
22-Aug-19	27-Aug-19	12-Sep-19	32.0	5.8	
28-Aug-19	03-Sep-19	12-Sep-19	53.0	7.4	
04-Sep-19	16-Sep-19	10-Oct-19	31.0	12.0	
18-Sep-19	24-Sep-19	10-Oct-19	46.0	19.0	
27-Sep-19	08-Oct-19	10-Oct-19	31.0	15.0	
02-Oct-19	15-Oct-19	14-Nov-19	37.0	18.0	
09-Oct-19	15-Oct-19	14-Nov-19	55.0	11.0	
16-Oct-19	22-Oct-19	14-Nov-19	43.0	9.8	
30-Oct-19	04-Nov-19	14-Nov-19	27.0	22.0	
07-Nov-19	13-Nov-19	12-Dec-19	34.0	7.4	
14-Nov-19	27-Nov-19	12-Dec-19	43.0	11.0	
20-Nov-19	27-Nov-19	12-Dec-19	29.0	7.8	
04-Dec-19	10-Dec-19	12-Dec-19	31.0	10.0	No sample 27/11 - Analyst sick
11-Dec-19	13-Jan-20	16-Jan-20	21.0	15.0	Season End 15/12/19
					No Sampling 10/6 start up/Wet weather
19-Jun-20	30-Jun-20	09-Jul-20	19.0	5.6	
25-Jun-20	01-Jul-20	09-Jul-20	23.0	6.0	
					No sample 1/7 - maintenance & mill stops
08-Jul-20	15-Jul-20	13-Aug-20	35.0	5.2	

Sampling Point:	Monitoring Point 6 - Mill Torri Drain Discharge
Licencee	Manildra Harwood Sugars
Location	McLeod Street, Condong
EPL No	170
Parameters Monitored	Biochemical Oxygen Demand and Total Suspended Solids
Frequency & Method	Fortnightly Composite
Limit/s	Not Applicable - Data is used to determine discharged pollutant load at point 3 by subtracting these results from those obtained from monitoring point 4.
Comments	Lab Analysis Required

Date Sampled	Date Results Obtained	Date Published	BOD_5 (mg/L)	TSS (mg/L)	Notes
16-Jul-20	22-Jul-20	13-Aug-20	19.0	5.8	
24-Jul-20	30-Jul-20	13-Aug-20	34.0	16.0	
					Mill shutdown for wet weather 29/7
06-Aug-20	13-Aug-20	10-Sep-20	27.0	13.0	
13-Aug-20	19-Aug-20	10-Sep-20	37.0	6.6	
19-Aug-20	24-Aug-20	10-Sep-20	42.0	11.0	
		10-Sep-20			No sample 26/8 - maintenance & mill stops
02-Sep-20	09-Sep-20	10-Sep-20	45.0	13.0	
09-Sep-20	15-Sep-20	13-Oct-20	27.0	8.2	
16-Sep-20	22-Sep-20	13-Oct-20	34.0	10.0	
23-Sep-20	30-Sep-20	13-Oct-20	39.0	6.8	
					No sample 30/9 - maintenance & mill stops
07-Oct-20	15-Oct-20	13-Nov-20	26.0	9.0	
15-Oct-20	27-Oct-20	13-Nov-20	31.0	6.3	
21-Oct-20	29-Oct-20	13-Nov-20	36.0	6.4	
		13-Nov-20			Mill shutdown-wet weather 28-30/10
04-Nov-20	11-Nov-20	13-Nov-20	34.0	4.6	
13-Nov-20	19-Nov-20	10-Dec-20	24.0	8.6	
19-Nov-20	26-Nov-20	10-Dec-20	58.0	10.0	High BOD Identifed a leaking tube in one of the Intermediate Heaters, that vessel has since been taken out of service.
27-Nov-20	07-Dec-20	10-Dec-20	20.0	13.0	
30-Jun-21	13-Jul-21	13-Aug-21	21.0	12.0	Start up & Mill Stops - W.E. 27/6
14-Jul-21	21-Jul-21	13-Aug-21	24.0	9.8	Mill Shutdown for Wet Weather- W.E. 11/7
21-Jul-21	29-Jul-21	13-Aug-21	19.0	3.0	
28-Jul-21	03-Aug-21	13-Aug-21	29.0	4.0	
04-Aug-21	10-Aug-21	13-Aug-21	36.0	8.2	
11-Aug-21	17-Aug-21	10-Sep-21	34.0	10.0	
25-Aug-21	31-Aug-21	10-Sep-21	22.0	8.5	W.E.22/8 - Analyst sick
02-Sep-21	09-Sep-21	10-Sep-21	22.0	9.3	
08-Sep-21	14-Sep-21	13-Oct-21	16.0	9.5	
15-Sep-21	21-Sep-21	13-Oct-21	32.0	15.0	
06-Oct-21	12-Oct-21	13-Oct-21	35.0	11.0	W.E.26/9 - Mill Maintenance shutdown, W.E.3/10 - Wet Weather Shutdown

Sampling Point:	Monitoring Point 6 - Mill Torri Drain Discharge
Licencee	Manildra Harwood Sugars
Location	McLeod Street, Condong
EPL No	170
Parameters Monitored	pH & Temperature
Frequency & Method	Fortnightly Representative
Limit/s	Not Applicable - Data is used to determine discharged pollutant load at point 3 by subtracting these results from those obtained from monitoring point 4.
Comments	

Date Sampled & Obtained	Date Published	pH	Temp (ºC)	Notes
06-Sep-17	25-Sep-17	7.0	35.6	
13-Sep-17	25-Sep-17	7.3	36.8	
20-Sep-17	20-Oct-17	7.0	32.8	
11-Oct-17	24-Nov-17	7.3	38.9	
01-Nov-17	24-Nov-17	6.3	35.3	
09-Nov-17	24-Nov-17	6.9	34.4	
15-Nov-17	24-Nov-17	7.1	32.1	
29-Nov-17	15-Dec-17	7.1	33.8	
08-Dec-17	15-Dec-17	7.0	31.8	
13-Dec-17	11-Jan-18	6.9	31.8	
20-Jun-18	13-Jul-18	7.1	31.4	
27-Jun-18	13-Jul-18	7.1	31.8	
05-Jul-18	13-Jul-18	6.9	31.2	
11-Jul-18	22-Aug-18	6.9	31.3	
18-Jul-18	22-Aug-18	6.9	28.1	
25-Jul-18	22-Aug-18	7.2	31.4	
02-Aug-18	22-Aug-18	7.1	25.2	
08-Aug-18	22-Aug-18	7.0	26.9	
23-Aug-18	26-Oct-18	6.9	30.1	
29-Aug-18	26-Oct-18	6.6	28.3	
12-Sep-18	26-Oct-18	6.7	30.7	
19-Sep-18	26-Oct-18	7.0	31.0	
26-Sep-18	26-Oct-18	7.0	29.6	
03-Oct-18	26-Oct-18	7.1	32.4	
10-Oct-18	26-Oct-18	6.8	30.9	
31-Oct-18	14-Dec-18	6.9	33.4	
07-Nov-18	14-Dec-18	6.6	35.8	
14-Nov-18	14-Dec-18	6.9	33.7	
21-Nov-18	14-Dec-18	7.2	38.5	
28-Nov-18	14-Dec-18	6.6	32.6	
17-Jul-19	08-Aug-19	6.7	30.2	
25-Jul-19	08-Aug-19	6.8	29.9	
01-Aug-19	12-Sep-19	6.9	28.0	
07-Aug-19	12-Sep-19	7.0	31.9	
14-Aug-19	12-Sep-19	7.1	27.4	
22-Aug-19	12-Sep-19	6.8	32.9	
28-Aug-19	12-Sep-19	7.1	33.5	
04-Sep-19	10-Oct-19	7.0	33.8	
18-Sep-19	10-Oct-19	7.0	33.5	
27-Sep-19	10-Oct-19	6.8	34.9	
02-Oct-19	14-Nov-19	6.9	35.0	
09-Oct-19	14-Nov-19	6.9	34.3	
16-Oct-19	14-Nov-19	6.6	35.3	
30-Oct-19	14-Nov-19	6.9	33.5	
07-Nov-19	12-Dec-19	6.9	34.6	
14-Nov-19	12-Dec-19	6.8	36.1	
20-Nov-19	12-Dec-19	7.4	36.6	
04-Dec-19	12-Dec-19	6.9	31.7	
11-Dec-19	16-Jan-20	6.9	39.2	
				No Sampling 10/6 start up/Wet weather
19-Jun-20	09-Jul-20	6.8	31.1	
25-Jun-20	09-Jul-20	7.0	30.9	
				No sample 1/7 - maintenance & mill stops
08-Jul-20	13-Aug-20	7.3	30.2	

Sampling Point:	Monitoring Point 6 - Mill Torri Drain Discharge
Licencee	Manildra Harwood Sugars
Location	McLeod Street, Condong
EPL No	170
Parameters Monitored	pH & Temperature
Frequency & Method	Fortnightly Representativ
Limit/s	Not Applicable - Data is used to determine discharged pollutant load at point 3 by subtracting these results from those obtained from monitoring point 4.
Comments	

Date Sampled & Obtained	Date Published	pH	Temp (ºC)	Notes
16-Jul-20	13-Aug-20	7.1	30.9	
24-Jul-20	13-Aug-20	6.7	26.4	
				Mill shutdown for wet weather 29/7
13-Aug-20	10-Sep-20	6.7	29.1	
19-Aug-20	10-Sep-20	6.8	30.9	
24-Aug-20	10-Sep-20	6.8	32.3	
				No sample 26/8 - maintenance & mill stops
02-Sep-20	10-Sep-20	7.1	31.0	
09-Sep-20	13-Oct-20	6.9	34.2	
16-Sep-20	13-Oct-20	6.9	34.3	
23-Sep-20	13-Oct-20	6.9	37.0	
				No sample 30/9 - maintenance & mill stops
07-Oct-20	13-Nov-20	7.1	37.0	
15-Oct-20	13-Nov-20	7.1	38.2	
21-Oct-20	13-Nov-20	7.0	38.8	
				Mill shutdown-wet weather 28-30/10
04-Nov-20	13-Nov-20	7.1	38.5	
13-Nov-20	10-Dec-20	7.1	37.9	
19-Nov-20	10-Dec-20	7.2	39.7	
27-Nov-20	10-Dec-20	7.2	41.1	
				Crushing Finished 2020
30-Jun-21	13-Aug-21	7.1	30.2	Start up & Mill Stops - W.E. 27/6
14-Jul-21	13-Aug-21	6.9	30.9	Mill Shutdown, Wet Weather W.E. 11/7
21-Jul-21	13-Aug-21	7.1	28.0	
28-Jul-21	13-Aug-21	7.0	31.5	
04-Aug-21	13-Aug-21	6.9	28.8	
11-Aug-21	10-Sep-21	7.2	30.1	
25-Aug-21	10-Sep-21	7.2	32.3	W.E. 22/8 -Analyst sick
02-Sep-21	10-Sep-21	7.0	31.1	
08-Sep-21	13-Oct-21	7.1	30.1	
15-Sep-21	13-Oct-21	7.2	33.3	
06-Oct-21	13-Oct-21	7.2	32.2	W.E.26/9 - Mill Maintenance shutdown, W.E.3/10 - Wet Weather Shutdown

Licencee: **Manildra Harwood Sugars**
Location: Maclean Street Condong
EPL No: 170

MONITORING DATA CORRECTIONS LOG

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