

Annual Return

CARGILL AUSTRALIA LIMITED



ANNUAL RETURN

LICENCE NO	5810
LICENCE HOLDER	CARGILL AUSTRALIA LIMITED
REPORTING PERIOD	01-Jun-2019 to 31-May-2020

If your licence has been transferred, suspended, surrendered or revoked by the EPA during this reporting period, cross out the dates above and specify the new dates to which this Annual Return relates below:

REVISED REPORTING PERIOD ____/____/____ to ____/____/____

(Note: the revised reporting period also needs to be entered in Section H)

THIS ANNUAL RETURN MUST BE RECEIVED BY THE EPA BEFORE 31-Jul-2020

Your Annual Return must be completed, including certification in Section H, and submitted to the EPA no later than 60 Days after the end of the reporting period for your licence.

Failure to submit this Annual Return within 60 days after the reporting period ends may result in:

- the issue of a Penalty Notice for \$1500 (individuals) or \$3000 (corporations);
- OR**
- prosecution.

Please send your completed Annual Return by **Registered Post** to:

**Regulatory and Compliance Support Unit
Environment Protection Authority
PO Box A290
SYDNEY SOUTH NSW 1232**

It is an offence to supply any information in this form to the EPA that is false or misleading in a material respect, or to certify a statement that is false or misleading in a material respect.

THERE IS A MAXIMUM PENALTY OF \$250,000 FOR A CORPORATION OR \$120,000 FOR AN INDIVIDUAL.

Details provided in this Annual Return will be available on the EPA's Public Register in accordance with section 308 of the *Protection of the Environment Operations Act 1997*.

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Use the checklist below to ensure that you have completed your Annual Return correctly.

(✓ the boxes)

CHECKLIST		
<input type="checkbox"/>	Section A:	All licence details are correct
<input type="checkbox"/>	Section B1:	You have entered the correct number in the complaints table
<input type="checkbox"/>	Section B2 – B3:	If there are tables, you have provided the required details
<input type="checkbox"/>	Section C:	You have answered question 1, and 2 if applicable
<input type="checkbox"/>	Section D:	If applicable, you have completed all load calculation worksheets
<input type="checkbox"/>	Section E:	You have answered question 1, 2, 3, 4, 5 and 6 if applicable
<input type="checkbox"/>	Section F:	You have answered question 1, 2 and 3 if applicable
<input type="checkbox"/>	Section G:	You have answered question 1 and question 2, 3 and 4 or question 5 through to 11 if applicable
<input type="checkbox"/>	Section H:	The Annual Return has been signed by appropriate person(s) and, if applicable, the revised reporting period entered
<input type="checkbox"/>	Make a copy of the completed Annual Return and keep it with your licence records	

Please send your completed Annual Return by **Registered Post** to:

**Regulatory and Compliance Support Unit
Environment Protection Authority
PO Box A290
SYDNEY SOUTH NSW 1232**

A Statement of Compliance - Licence Details

ALL licence holders must check that the licence details in Section A are correct

If there are changes to any of these details you must advise the EPA and apply as soon as possible for a variation to your licence or for a licence transfer.

Licence variation and transfer application forms are available on the EPA website at: <http://www.epa.nsw.gov.au/licensing>, or from regional offices of the EPA, or by contacting us on telephone 02 9995 5700.

If you are applying to vary or transfer your licence you must still complete this Annual Return.

A1 Licence Holder

Licence Number	5810
Licence Holder	CARGILL AUSTRALIA LIMITED
Trading Name (if applicable)	
ABN	42 004 684 173
ACN	004 684 173

A2 Premises to which Licence Applies (if applicable)

Common Name (if any)	CARGILL
Premises	51 RAVEN STREET KOORAGANG NSW 2304

A3 Activities to which Licence Applies

Agricultural processing
Shipping in bulk

A4 Other Activities (if applicable)

Sewage Treatment Systems

A5 Fee-Based Activity Classifications

Note that the fee based activity classification is used to calculate the administrative fee.

Fee-based activity	Activity scale	Unit of measure
General agricultural processing	> 250,000.00 - <260,0000	T annual processing capacity
Shipping in bulk	> 0.00 - 100,000.00	T of annual capacity to load and unload



A6 Assessable Pollutants (Not Applicable)

B Monitoring and Complaints Summary

B1 Number of Pollution Complaints

Number of complaints recorded by the licensee during the reporting period. If no complaints were received enter nil in the attached box, otherwise complete the table below.	Nil
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Pollution Complaint Category	Number of Complaints
Air	
Water	
Noise	
Waste	
Other	

B2 Concentration Monitoring Summary

For each monitoring point identified in your licence complete all the details for each pollutant listed in the tables provided below.

If concentration monitoring is **not** required by your licence, **no tables** will appear below.

Note that this does not exclude the need to conduct appropriate concentration monitoring of assessable pollutants as required by load-based licensing (if applicable).

Discharge & Monitoring Point 1

Discharge to air

Air emissions monitoring, 15MW Boiler at northern end of preparation building, shown as "Point 1" on the plan titled "EPA Licence Cargill Kooragang Island", prepared by ADW Johnson, Sheet 1 of 3, Version H dated 15/8/2014 (EPA ref. DOC14/180702).

Pollutant	Unit of measure	No. of samples required by licence	No. of samples you collected and analysed	Lowest sample value	Mean of sample	Highest sample value

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Moisture	percent	1	1	13	13	13
Nitrogen Oxides	milligrams per cubic metre	1	1	66	66	66
Oxygen (O2)	percent	1	1	17	17	17
Temperature	degrees Celsius	1	1	115	115	115
Volumetric flowrate	cubic metres per second	1	1	2.8*	2.8*	2.8*

* Value given is dry, STP. Wet, actual flow is 4.5 m³/s.

Monitoring Point 4

Air emissions monitoring, Meal Grinding Dust Collection Stack at meal grinding building, shown as "Point 4" on the plan titled "EPA Licence Cargill Kooragang Island", prepared by ADW Johnson, Sheet 1 of 3, Version H dated 15/8/2014 (EPA ref. DOC14/180702).

Pollutant	Unit of measure	No. of samples required by licence	No. of samples you collected and analysed	Lowest sample value	Mean of sample	Highest sample value
Moisture	percent	1	1	1.6	1.6	1.6
Odour	odour units	1	1	660	660	660
Temperature	Kelvin	1	1	302	302	302
Velocity	metres per second	1	1	11	11	11
Volumetric flowrate	cubic metres per second	1	1	1.5	1.5	1.5

* Value given is dry, STP. Wet, actual flow is 1.8 m³/s.

Monitoring Point 6

Groundwater quality monitoring, Groundwater monitoring well, shown as "Point 6" on the plan titled "EPA Licence Cargill Kooragang Island", prepared by ADW Johnson, Sheet 1 of 3, Version H dated 15/8/2014 (EPA ref. DOC14/180702).

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Pollutant	Unit of measure	No. of samples required by licence	No. of samples you collected and analysed	Lowest sample value	Mean of sample	Highest sample value
pH	pH	2	2	7.26	7.39	7.52
Calcium	mg/L	2	2	73	91	108
Conductivity	µS/cm	2	2	2,220	2,605	2,990
Magnesium	mg/L	2	2	38	39	39
Nitrate	mg/L	2	2	0.01	0.17	0.33
Nitrogen (total)	mg/L	2	2	16.6	26.1	35.5
Total Kjeldahl Nitrogen	mg/L	2	2	16.6	25.9	35.2
Phosphorus (total)	mg/L	2	2	54.2	199.1	344
Sodium	mg/L	2	2	344	442	540
Sulphate	mg/L	2	2	10	66	122
Total Dissolved Solids	mg/L	2	2	1,280	1,580	1,880
Standing Water Level	m	2	2	2	2	2

Monitoring Point 7

Groundwater quality monitoring, Groundwater monitoring well, shown as "Point 7" on the plan titled "EPA Licence Cargill Kooragang Island", prepared by ADW Johnson, Sheet 1 of 3, Version H dated 15/8/2014 (EPA ref. DOC14/180702).

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Pollutant	Unit of measure	No. of samples required by licence	No. of samples you collected and analysed	Lowest sample value	Mean of sample	Highest sample value
pH	pH	2	2	7.19	7.28	7.36
Calcium	mg/L	2	2	84	123	162
Conductivity	µS/cm	2	2	1,890	2,460	3,030
Magnesium	mg/L	2	2	13	18	22
Nitrate	mg/L	2	2	0.66	1.04	1.41
Nitrogen (total)	mg/L	2	2	27.4	33.0	38.6
Total Kjeldahl Nitrogen	mg/L	2	2	26.6	31.8	37
Phosphorus (total)	mg/L	2	2	2.1	2.55	2.99
Sodium	mg/L	2	2	279	338	397
Sulphate	mg/L	2	2	1	194	387
Total Dissolved Solids	mg/L	2	2	1,010	1,355	1,700
Standing Water Level	m	2	2	1	1	1.2

Monitoring Point 8

Groundwater quality monitoring, Groundwater monitoring well, shown as "Point 8" on the plan titled "EPA Licence Cargill Kooragang Island", prepared by ADW Johnson, Sheet 1 of 3, Version H dated 15/8/2014 (EPA ref. DOC14/180702).

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Pollutant	Unit of measure	No. of samples required by licence	No. of samples you collected and analysed	Lowest sample value	Mean of sample	Highest sample value
pH	pH	2	2	7.58	7.65	7.72
Calcium	mg/L	2	2	69	75	81
Conductivity	µS/cm	2	2	918	1,714	2,510
Magnesium	mg/L	2	2	8	22	36
Nitrate	mg/L	2	2	0.01	1	1.28
Nitrogen (total)	mg/L	2	2	5.5	5.7	5.9
Total Kjeldahl Nitrogen	mg/L	2	2	4.6	5.1	5.5
Phosphorus (total)	mg/L	2	2	1.4	2.41	3.42
Sodium	mg/L	2	2	124	273	422
Sulphate	mg/L	2	2	124	154	184
Total Dissolved Solids	mg/L	2	2	633	982	1,330
Standing Water Level	m	2	2	2	3.0	4

Monitoring Point 9

Groundwater quality monitoring, Groundwater monitoring well, shown as "Point 9" on the plan titled "EPA Licence Cargill Kooragang Island", prepared by ADW Johnson, Sheet 1 of 3, Version H dated 15/8/2014 (EPA ref. DOC14/180702).

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Pollutant	Unit of measure	No. of samples required by licence	No. of samples you collected and analysed	Lowest sample value	Mean of sample	Highest sample value
pH	pH	2	2	7.63	7.77	7.91
Calcium	mg/L	2	2	66	67	67
Conductivity	µS/cm	2	2	2,310	2,310	2,310
Magnesium	mg/L	2	2	38	42	45
Nitrate	mg/L	2	2	0.02	0.09	0.15
Nitrogen (total)	mg/L	2	2	4	9.3	14.5
Total Kjeldahl Nitrogen	mg/L	2	2	3.8	9.2	14.5
Phosphorus (total)	mg/L	2	2	2.09	7.40	12.7
Sodium	mg/L	2	2	386	399	412
Sulphate	mg/L	2	2	62	93	123
Total Dissolved Solids	mg/L	2	2	1,370	1,385	1,400
Standing Water Level	m	2	2	2	3.0	4

Discharge & Monitoring Point 10

Discharge to air

Air emissions monitoring, High Pressure Boiler at refinery building, shown as "Point 10" on the plan titled "EPA Licence Cargill Kooragang Island", prepared by ADW Johnson, Sheet 1 of 3, Version H dated 15/8/2014 (EPA ref. DOC14/180702).

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Pollutant	Unit of measure	No. of samples required by licence	No. of samples you collected and analysed	Lowest sample value	Mean of sample	Highest sample value
Moisture	percent	1	1	12	12	12
Nitrogen Oxides	milligrams per cubic metre	1	1	105	105	105
Oxygen (O ₂)	percent	1	1	20.9	20.9	20.9
Temperature	degrees Celsius	1	1	174	174	174
Volumetric flowrate	cubic metres per second	1	1	0.43	0.43	0.43

* Value given is dry, STP. Wet, actual flow is 0.8 m³/s.

Discharge & Monitoring Point 11

Discharge to air

Air emissions monitoring, 3MW Boiler, shown as "Point 11" on the plan titled "EPA Licence Cargill Kooragang Island", prepared by ADW Johnson, Sheet 1 of 3, Version H dated 15/8/2014 (EPA ref. DOC14/180702).

Pollutant	Unit of measure	No. of samples required by licence	No. of samples you collected and analysed	Lowest sample value	Mean of sample	Highest sample value
Moisture	percent	1	1	14	14	14
Nitrogen Oxides	milligrams per cubic metre	1	1	93	93	93
Oxygen (O ₂)	percent	1	1	14.4	14.4	14.4
Temperature	degrees Celsius	1	1	112	112	112
Volumetric flowrate	cubic metres per second	1	1	0.29	0.29	0.29

* Value given is dry, STP. Wet, actual flow is 0.47 m³/s.

Discharge & Monitoring Point 12

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Discharge to utilisation area

Effluent quality and volume monitoring, Effluent from wastewater treated plant, shown as "Point 12", applied to Irrigation Areas A, C and D shown on the plan titled "EPA Licence Cargill Kooragang Island", prepared by ADW Johnson, Sheet 1 of 3, Version H dated 15/8/2014 (EPA ref. DOC14/180702).

Pollutant	Unit of measure	No. of samples required by licence	No. of samples you collected and analysed	Lowest sample value	Mean of sample	Highest sample value
pH	pH	4	4	3.05	6.52	7.78
Sodium Absorption Ratio		4	4	2.13	5.36	13.10
Electrical Conductivity	micro Siemens per centimetre	4	4	932	1,426	1,770
Chloride	milligrams per litre	4	4	73	193	367
Calcium	milligrams per litre	4	4	29	40	48
Magnesium	milligrams per litre	4	4	9	10	11
Sodium	milligrams per litre	4	4	75	178	316
Potassium	milligrams per litre	4	4	8	13	20
Arsenic	milligrams per litre	1	1	0.005	0.005	0.005
Cadmium	milligrams per litre	1	1	0.0001	0.0001	0.0001
Chromium	milligrams per litre	1	1	0.042	0.042	0.042
Copper	milligrams per litre	1	1	0.018	0.018	0.018
Lead	milligrams per litre	1	1	0.001	0.001	0.001
Nickel	milligrams per litre	1	1	0.375	0.375	0.375

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Zinc	milligrams per litre	1	1	0.721	0.721	0.721
Total Nitrogen	milligrams per litre	4	4	18.8	34.8	51.2
Phosphorus (Total)	milligrams per litre	4	4	0.1	1.86	4.72
Oil and Grease	milligrams per litre	4	4	5	13	36
Organochlorine pesticides	micrograms per litre	1	1	<2	<2	<2
Organophosphate pesticides	micrograms per litre	1	1	<2	<2	<2

Discharge & Monitoring Point 13

Discharge to utilisation area

Effluent quality and volume monitoring, Effluent from sewage treatment plant, shown as "Point 13", applied to Irrigation Area B shown on the plan titled "EPA Licence Cargill Kooragang Island", prepared by ADW Johnson, Sheet 1 of 3, Version H dated 15/8/2014 (EPA ref. DOC14/180702).

Pollutant	Unit of measure	No. of samples required by licence	No. of samples you collected and analysed	Lowest sample value	Mean of sample	Highest sample value
pH	pH	4	4	7.1	7.65	7.99
Sodium Absorption Ratio		4	4	1.61	1.88	2.13
Electrical Conductivity	micro Siemens per centimetre	4	4	710	871	1,080
Chloride	milligrams per litre	4	4	59	64	68
Calcium	milligrams per litre	4	4	29	32	36
Magnesium	milligrams per litre	4	4	6	7	9
Sodium	milligrams per litre	4	4	37	45	51

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Potassium	milligrams per litre	4	4	14	21	28
Arsenic	milligrams per litre	1	1	0.001	0.0010	0.001
Cadmium	milligrams per litre	1	1	0.0002	0.0002	0.0002
Chromium	milligrams per litre	1	1	0.004	0.004	0.004
Copper	milligrams per litre	1	1	0.079	0.079	0.079
Lead	milligrams per litre	1	1	0.002	0.002	0.002
Nickel	milligrams per litre	1	1	0.008	0.008	0.008
Zinc	milligrams per litre	1	1	0.34	0.34	0.34
Total Nitrogen	milligrams per litre	4	4	49.5	61.7	77.3
Phosphorus (Total)	milligrams per litre	4	4	4.5	8.1	9.93
Oil and Grease	milligrams per litre	4	4	5	5	5
Enterococci	colony forming units per 100 millilitres	4	4	1,100	55,275	170,000
Faecal Coliforms	colony forming units per 100 millilitres	4	4	270,000	1,717,500	2,400,000

Monitoring Point 14

Soil monitoring, Soil monitoring within "Irrigation Area A" shown as "Point 14" on the plan titled "EPA Licence Cargill Kooragang Island", prepared by ADW Johnson, Sheet 1 of 3, Version H dated 15/8/2014 (EPA ref. DOC14/180702).

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Pollutant	Unit of measure	No. of samples required by licence	No. of samples you collected and analysed	Lowest sample value	Mean of sample	Highest sample value
Bray phosphorus	milligrams per kilogram	1	12 ¹	1.0	1.9	3.9
Cation Exchange Capacity	centimoles of positive charge per kilogram of soil	1	12	2.3	4.3	6.1
Chloride	milligrams per kilogram	1	12	20.0	92.5	180.0
Colwell phosphorus	milligrams per kilogram	1	12	1.0	1.9	3.9
Conductivity	deciSiemens per metre	1	12	166.0	312.3	487.0
Exchangeable calcium	centimoles of positive charge per kilogram of soil	1	12	1.9	3.3	4.7
Exchangeable magnesium	centimoles of positive charge per kilogram of soil	1	12 ¹	0.2	0.5	1.1
Exchangeable potassium	centimoles of positive charge per kilogram of soil	1	12	0.1	0.2	0.4
Exchangeable sodium	centimoles of positive charge per kilogram of soil	1	12	0.2	0.4	0.8
Moisture	percent	1	12	3.5	8.5	14.8
Nitrate	milligrams per kilogram	3-yearly	0 ²	-	-	-
Nitrogen (total)	milligrams per kilogram	3-yearly	0 ²	-	-	-

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Nitrogen Oxides	milligrams per kilogram	3-yearly	0 ²	-	-	-
pH	pH	1	12	5.4	6.9	8.0
Phosphorus (total)	milligrams per kilogram	3-yearly	0	-	-	-
Phosphorus Sorption Capacity	milligrams per kilogram	3-yearly	0	-	-	-
Total Kjeldahl Nitrogen	milligrams per kilogram	3-yearly	0	-	-	-

¹ One sampling event occurred with a number of soil samples as a composite sampling program. The number of sub-soil and surface soil samples collected as per 'Special Method 1' were used to report lowest, mean and highest sample value.

² Samples were taken for the 2017-2018 reporting period, therefore were not required for the 2019-2020 period.

Monitoring Point 15

Soil monitoring, Soil monitoring within "Irrigation Area B" shown as "Point 15" on the plan titled "EPA Licence Cargill Kooragang Island", prepared by ADW Johnson, Sheet 1 of 3, Version H dated 15/8/2014 (EPA ref. DOC14/180702).

Pollutant	Unit of measure	No. of samples required by licence	No. of samples you collected and analysed	Lowest sample value	Mean of sample	Highest sample value
Bray phosphorus	milligrams per kilogram	1	6 ¹	1.0	1.0	1.0
Cation Exchange Capacity	centimoles of positive charge per kilogram of soil	1	6	2.0	5.1	9.7
Chloride	milligrams per kilogram	1	6	20.0	50.0	110.0
Colwell phosphorus	milligrams per kilogram	1	6	5.0	13.5	38.0
Conductivity	deciSiemens per metre	1	6	86.0	121.7	180.0
Exchangeable calcium	centimoles of positive charge per kilogram of soil	1	6	2.0	4.3	7.3

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Exchangeable magnesium	centimoles of positive charge per kilogram of soil	1	6 ¹	0.2	0.6	1.4
Exchangeable potassium	centimoles of positive charge per kilogram of soil	1	6	0.2	0.3	0.4
Exchangeable sodium	centimoles of positive charge per kilogram of soil	1	6	0.2	0.3	0.5
Moisture	percent	1	6	2.0	10.8	32.8
Nitrate	milligrams per kilogram	3-yearly	0 ²	-	-	-
Nitrogen (total)	milligrams per kilogram	3-yearly	0 ²	-	-	-
Nitrogen Oxides	milligrams per kilogram	3-yearly	0 ²	-	-	-
pH	pH	1	6	7.6	8.1	8.6
Phosphorus (total)	milligrams per kilogram	3-yearly	0	-	-	-
Phosphorus Sorption Capacity	milligrams per kilogram	3-yearly	0	-	-	-
Total Kjeldahl Nitrogen	milligrams per kilogram	3-yearly	0	-	-	-

¹ One sampling event occurred with a number of soil samples as a composite sampling program. The number of sub-soil and surface soil samples collected as per 'Special Method 1' were used to report lowest, mean and highest sample value.

² Samples were taken for the 2017-2018 reporting period, therefore were not required for the 2019-2020 period.

Monitoring Point 16

Soil monitoring, Soil monitoring within "Irrigation Area D" shown as "Point 16" on the plan titled "EPA Licence Cargill Kooragang Island", prepared by ADW Johnson, Sheet 1 of 3, Version H dated 15/8/2014 (EPA ref. DOC14/180702).

Pollutant	Unit of measure	No. of samples required by licence	No. of samples you collected and analysed	Lowest sample value	Mean of sample	Highest sample value
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Bray phosphorus	milligrams per kilogram	1	6 ¹	1.0	1.4	1.8
Cation Exchange Capacity	centimoles of positive charge per kilogram of soil	1	6	2.4	12.5	52.8
Chloride	milligrams per kilogram	1	6	10.0	25.0	40.0
Colwell phosphorus	milligrams per kilogram	1	6	9.0	26.0	47.0
Conductivity	deciSiemens per metre	1	6	100.0	127.8	165.0
Exchangeable calcium	centimoles of positive charge per kilogram of soil	1	6	2.4	4.7	9.4
Exchangeable magnesium	centimoles of positive charge per kilogram of soil	1	6 ¹	0.2	4.0	22.1
Exchangeable potassium	centimoles of positive charge per kilogram of soil	1	6	0.2	1.7	8.7
Exchangeable sodium	centimoles of positive charge per kilogram of soil	1	6	0.2	2.3	12.6
Moisture	percent	1	6	3.6	5.8	7.6
Nitrate	milligrams per kilogram	3-yearly	0 ²	-	-	-
Nitrogen (total)	milligrams per kilogram	3-yearly	0 ²	-	-	-
Nitrogen Oxides	milligrams per kilogram	3-yearly	0 ²	-	-	-
pH	pH	1	6	7.9	8.2	8.6

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Phosphorus (total)	milligrams per kilogram	3-yearly	0	-	-	-
Phosphorus Sorption Capacity	milligrams per kilogram	3-yearly	0	-	-	-
Total Kjeldahl Nitrogen	milligrams per kilogram	3-yearly	0	-	-	-

¹ One sampling event occurred with a number of soil samples as a composite sampling program. The number of sub-soil and surface soil samples collected as per 'Special Method 1' were used to report lowest, mean and highest sample value.

² Samples were taken for the 2017-2018 reporting period, therefore were not required for the 2019-2020 period.

Monitoring Point 17

Soil monitoring, Soil monitoring within "Irrigation Area C" shown as "Point 17" on the plan titled "EPA Licence Cargill Kooragang Island", prepared by ADW Johnson, Sheet 1 of 3, Version H dated 15/8/2014 (EPA ref. DOC14/180702).

Pollutant	Unit of measure	No. of samples required by licence	No. of samples you collected and analysed	Lowest sample value	Mean of sample	Highest sample value
Bray phosphorus	milligrams per kilogram	1	12 ¹	1.4	4.7	8.5
Cation Exchange Capacity	centimoles of positive charge per kilogram of soil	1	12	1.3	4.8	11.8
Chloride	milligrams per kilogram	1	12	40	236.7	820
Colwell phosphorus	milligrams per kilogram	1	12	20	77.6	201
Conductivity	deciSiemens per metre	1	12	122	393.1	1,000
Exchangeable calcium	centimoles of positive charge per kilogram of soil	1	12	1.3	4.0	10.1
Exchangeable magnesium	centimoles of positive charge per kilogram of soil	1	12 ¹	0.2	0.5	1.3
Exchangeable potassium	centimoles of positive charge per kilogram of soil	1	12	0.1	0.2	0.2

Exchangeable sodium	centimoles of positive charge per kilogram of soil	1	12	0.2	0.3	0.5
Moisture	percent	1	12	7.9	19.6	33.6
Nitrate	milligrams per kilogram	3-yearly	0 ²	-	-	-
Nitrogen (total)	milligrams per kilogram	3-yearly	0 ²	-	-	-
Nitrogen Oxides	milligrams per kilogram	3-yearly	0 ²	-	-	-
pH	pH	1	12	5.5	7.4	8.6
Phosphorus (total)	milligrams per kilogram	3-yearly	0	-	-	-
Phosphorus Sorption Capacity	milligrams per kilogram	3-yearly	0	-	-	-
Total Kjeldahl Nitrogen	milligrams per kilogram	3-yearly	0	-	-	-

¹ One sampling event occurred with a number of soil samples as a composite sampling program. The number of sub-soil and surface soil samples collected as per 'Special Method 1' were used to report lowest, mean and highest sample value.

² Samples were taken for the 2017-2018 reporting period, therefore were not required for the 2019-2020 period.

B3 Volume or Mass Monitoring Summary

For each monitoring point identified in your licence complete the details of the volume or mass monitoring indicated in the tables provided below.

If volume or mass monitoring is not required by your licence, **no tables** will appear below.

Note that this does not exclude the need to conduct appropriate concentration monitoring of assessable pollutants as required by load-based licensing (if applicable).

Discharge & Monitoring Point 12

Discharge to utilisation area
Effluent quality and volume monitoring

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Unit of measure	Frequency	No. of measurements made	Lowest result	Mean result	High result
kilolitres	Daily	365	26	187	378

Discharge & Monitoring Point 13

Discharge to utilisation area

Effluent quality and volume monitoring

Unit of measure	Frequency	No. of measurements made	Lowest result	Mean result	High result
kilolitres	Daily	365	0	3.4	11

C Statement of Compliance - Licence Conditions

C1 Compliance with Licence Conditions

(☒ the boxes)

-
- 1 Were all conditions of the licence complied with (including monitoring and reporting requirements)? ☒ Yes ☐ No

(✓ a box)

-
- 2 If you answered 'No' to question 1, please supply the following details for each non-compliance in the format, or similar format, provided on the following page.

Please use a separate page for each licence condition that has not been complied with.

- a) What was the specific licence condition that was not complied with?
- b) What were the particulars of the non-compliance?
- c) What were the date(s) when the non-compliance occurred, if applicable?
- d) If relevant, what was the precise location where the non-compliance occurred?

Attach a map or diagram to the Statement to show the precise location.

- e) What were the registration numbers of any vehicles or the chassis number of any mobile plant involved in the non-compliance?
- f) What was the cause of the non-compliance?
- g) What action has been, or will be, taken to mitigate any adverse effects of the non-compliance?
- h) What action has been, or will be, taken to prevent a recurrence of the non-compliance?

-
3. How many pages have you attached?

Each attached page must be initialised by the person(s) who signs Section G of this Annual Return

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C2 Details of Non-Compliance with Licence

Licence condition number not complied with
NA
Summary of particulars of the non-compliance (NO MORE THAN 50 WORDS)
If required, further details on particulars of non-compliance
Date(s) when the non-compliance occurred, if applicable
If relevant, precise location where the non-compliance occurred (attach a map or diagram)
If applicable, registration numbers of any vehicles or the chassis number of any mobile plant involved in the non-compliance
N/A
Cause of non-compliance
Action taken or that will be taken to mitigate any adverse effects of the non-compliance
Action taken or that will be taken to prevent a recurrence of the non-compliance

D Statement of Compliance - Load-Based Fee Calculation Worksheets

If you are not required to monitor assessable pollutants by your licence, no worksheets will appear below. Please go to Section E.

If assessable pollutants have been identified on your licence (see licence condition L2), complete the following worksheets for each assessable pollutant to determine your load-based fee for the licence fee period to which this Annual Return relates.

Loads of assessable pollutants must be calculated using any of the methods provided in the EPA's Load Calculation Protocol for the relevant activity. A Load Calculation Protocol would have been sent to you with your licence. If you require additional copies you can download the Protocol from the EPA's website or you can contact us on telephone 02 9995 5700.

You are required to keep all records used to calculate licence fees for four years after the licence fee was paid or became payable, whichever is the later date.

PENALTIES APPLY FOR SUPPLYING FALSE OR MISLEADING INFORMATION

D1 - D8 (Not Applicable)

E Statement of Compliance - Requirement to Prepare Pollution Incident Response Management Plan (PIRMP) Under Section 153A of the POEO Act 1997

- 1 Have you prepared a PIRMP as required under s153A of the Protection of the Environment Operations Act 1997?

(✓ a box)

☒ Yes

☐ No

If you answered 'Yes' to question 1, please tick the appropriate box to indicate the following:

- 2 Is the PIRMP available at the premises?

(✓ a box)

☒ Yes

☐ No

- 3 Is the PIRMP available in a prominent position on a publicly accessible web site?

(✓ a box)

☒ Yes

☐ No

If the PIRMP is available on a publicly accessible web site please indicate clearly below the address of the web site where the PIRMP can be accessed:

Web site Address

<https://www.cargill.com.au/en/environmental-monitoring>

- 4 Has the PIRMP been tested in the last 12 months?

(✓ a box)

☒ Yes

☐ No

If you answered 'Yes' to question 4 please indicate clearly below the date that the PIRMP was last tested:

The PIRMP was last tested on

29 / 07 / 2019

- 5 Has the PIRMP been updated?

(✓ a box)

☒ Yes

☐ No

If you answered 'Yes' to question 5 please indicate clearly below the date that the PIRMP was last updated:

The PIRMP was last updated on

16/07/2019

- 6 How many times has the PIRMP been activated in this reporting period?

NIL

If the PIRMP has been activated, please indicate clearly below the date/s when the PIRMP was activated:

The PIRMP was activated on

__ / __ / __ __ __

The EPA's guidelines for preparation of pollution incident response management plans are available at

<http://www.epa.nsw.gov.au/legislation/20120227egpreppirmp.htm>

F Statement of Compliance - Requirement to Publish Pollution Monitoring Data Under Section 66(6) of the POEO Act 1997

1 Are there any conditions attached to your licence that require pollution monitoring to be undertaken?

(✓ a box)

☒ Yes

☐ No

If you answered 'Yes' to question 1, please tick the appropriate box to indicate the following:

2 Do you operate a web site?

(✓ a box)

☒ Yes

☐ No

3 Is the pollution monitoring data published on your web site in accordance with the EPA's written requirements for publishing pollution monitoring data?

(✓ a box)

☒ Yes*

☐ No

***Please refer to attached letter.**

If you publish pollution monitoring data on a web site please indicate clearly below the address of the web site where the pollution monitoring data can be accessed:

Web site address

<https://www.cargill.com.au/en/environmental-monitoring>

The EPA's written requirements for publishing pollution monitoring data are available at

<http://www.epa.nsw.gov.au/legislation/20120263regpubpmdata.htm>

Note - if you do not maintain a web site, you must provide a copy of any monitoring data that relates to pollution, to any person requests a copy of the data at no charge to the person requesting the data.

G Statement of Compliance - Environmental Management Systems and Practices

1 Do you have an environmental management system (EMS) certified to ISO 14001 or any other demonstrated equivalent system¹? (see note below on demonstrated equivalent)

(✓ a box)

☒ Yes

☐ No

If your answer to question 1 is 'No', please proceed to question 5. If your answer to question 1 is 'Yes', please proceed to question 2.

2 When was the last check of the EMS² completed (see note below on check of EMS)?

16 to 20/09/2019

3 Were there any non-conformances related to environmental issues identified in the last check of the EMS?

(✓ a box)

☐ Yes

☒ No

4 If there were non-conformances identified, were these non-conformances rectified?

(✓ a box)

☐ Yes

☐ No N/A

If you answered 'No' to question 1, please answer questions 5 - 11. If you answered 'Yes' to question 1 please proceed to section H. Questions 5-11 relate to any documented environmental practices, procedures and systems in place. Refer to <http://www.epa.nsw.gov.au/licensing/EMCP.htm> for guidance on how to complete questions 5 to 11. If unsure of the answer, tick No.

5 Have you conducted an assessment of your activities and operations to identify the aspects that have a potential to cause environmental impacts and implemented operational controls to address these aspects?

(✓ a box)

☐ Yes

☐ No

6 Have you established and implemented an operational maintenance program, including preventative maintenance?

(✓ a box)

☐ Yes

☐ No

7 Do you keep records of regular inspections and maintenance of plant and equipment?

(✓ a box)

☐ Yes

☐ No

8 Do you conduct regular site audits to assess compliance with environmental legal requirements and assess conformance to the requirements of any documented environmental practices, procedures and systems in place?

(✓ a box)

☐ Yes

☐ No

9 Are the audits of documented environmental practices, procedures and systems undertaken by a third party?

(✓ a box)

☐ Yes

☐ No

10 Have you established and implemented an environmental improvement or management plan?

(✓ a box)

☐ Yes

☐ No

11 Do you train staff in environmental issues that may arise from your activities and operations and keep records of this

(✓ a box)

☐ Yes

☐ No

¹ Demonstrated equivalent refers to an environmental management system that the EPA considers is equivalent to the accountability, procedures, documentation and record keeping requirements of an ISO 14001 system. For further information go to:

<http://www.epa.nsw.gov.au/resources/licensing/150402-environmental-management-systems-guidelines.pdf>

² Undertaking a 'check of an EMS' refers to the ISO 14001 requirements that an organisation demonstrates conformity to the requirements of its EMS and to the standard, these checks require third-party certification that requirements have been met.

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H Signature and Certification

This Annual Return may only be signed by a person(s) with legal authority to sign it as set out in the categories below. **Please tick (✓) the box** next to the category that describes how this Annual Return is being signed.

If you are uncertain about who is entitled to sign or which category to tick, please contact us on telephone 02 9995 5700.

If the licence holder is:	the Annual Return must be signed and certified by one of the following:
an individual	<input type="checkbox"/> the individual licence holder, or <input type="checkbox"/> a person acting on behalf of the individual licence holder in accordance with a power of attorney for the individual. A copy of the power of attorney must be submitted with the Annual Return.
a company	<input type="checkbox"/> by two directors, or <input type="checkbox"/> by a director and a company secretary, or <input type="checkbox"/> if a proprietary company that has a sole director who is also the sole company secretary - by that director, or <input type="checkbox"/> by a person delegated to sign a copy of the Annual Return on the company's behalf in accordance with the Corporations Act 2001. Delegation of authority must be submitted with the Annual Return, or. <input type="checkbox"/> by affixing the common seal, in accordance with the Corporations Act 2001
a public authority other than a Council	<input type="checkbox"/> by the Chief Executive Officer of the public authority, or <input type="checkbox"/> by a person delegated to sign on the public authority's behalf in accordance with its legislation.
a local Council	<input type="checkbox"/> by the General Manager in accordance with s377 of the Local Government Act 1993 , or <input type="checkbox"/> by affixing the seal of the Council in a manner authorised under the Local Government Act 1993.

It is an offence to supply any information in this form that is false or misleading in a material respect, or to certify a statement that is false or misleading in a material respect. There is a maximum penalty of \$250,000 for a corporation or \$120,000 for an individual.

I/We

- declare that the information in the Monitoring and Complaints Summary in section B of this Annual Return is correct and not false or misleading in a material respect, and
- certify that the information in the Statement of Compliance in sections A, C, D, E, F and G and any pages attached to Section C is correct and not false or misleading in a material respect.

If your licence has been transferred, suspended, surrendered or revoked by the EPA during this reporting period, cross out the dates below and specify the new dates to which this Annual Return relates below:

For the reporting period 01-Jun-2018 to 31-May-2019 or ____/____/____ to ____/____/____

SIGNATURE: _____ SIGNATURE: _____

NAME: _____ NAME: _____
(printed) (printed)

POSITION: _____ POSITION: _____

DATE: ____/____/____ DATE: ____/____/____

SEAL(if signing under seal)

PLEASE ENSURE THAT ALL APPROPRIATE BOXES HAVE BEEN COMPLETED AND THAT THE CHECKLIST ON PAGE 2 OF THE ANNUAL RETURN HAS BEEN COMPLETED