Annual Return

PROTEN HOLDINGS PTY LIMITED

Licence 20748

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 Environment Protection Authority (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-and-regulation/licensing or from regional offices of the EPA, or by contacting by telephone 02 9995 5700.

If you are applying to vary or transfer your Licence, you must still complete and submit this Annual Return.

A1. Licence holder

Licence number : 20748

Licence holder : PROTEN HOLDINGS PTY LIMITED

Trading name *(if applicable)* :

ABN : 98 437 402 706

ACN :

Reporting period : From: 22-4-2017 To: 21-4-2018

A2. Premises to which Licence Applies (if applicable)

Common name (if any) : Narrandera Poultry Production Complex

Premises : Sturt Highway UROLY 2700 NSW

A3. Activities to which Licence Applies

Livestock intensive activities

A4. Other Activities (if applicable)

Waste storage

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
Bird accommodation	> 1,000.00	T accommodation capacity

A6. Assessable Pollutants (if applicable)

Note that the identification of assessable pollutants is used to calculate the **load-based fee.**
The following assessable pollutants are identified for the fee-based activity classifications in the licence:

B. Monitoring and Complaints Summary

B1. Number of Pollution Complaints

Pollution Complaint Category	Complaints
Air	0
Water	0
Noise	0
Waste	0
Other	0
Total complaints recorded by the licensee during the reporting period	**0**

B2. Concentration Monitoring Summary

For each concentration monitoring point identified in your licence, details are displayed below. If concentration monitoring is not required by your licence, **no data** will appear below.
If data was provided from an uploaded file, the file name will be displayed below instead of any data.
Note that this does not exclude the need to conduct appropriate concentration monitoring of assessable pollutants as required by load-based licensing (if applicable).

Monitoring Point 10

Groundwater quality monitoring, Piezometer labelled 'Piezo 4' identified in Figure 1 of the document titled "Narrandera Poultry Production Complex - Water Management Plan" dated March 2016, kept on EPA file EF16/1645 at DOC16/59520

Pollutant	Unit of measure	No. of samples required	No. of samples collected and analysed	Lowest sample value	Mean of sample	Highest sample value
pH	pH	1	4	6.9	7.2	7.9
Electrical conductivity	microsiemens per centimetre	1	4	538	577.5	618
Total dissolved solids	milligrams per litre	1	4	307	352	405
Sodium	milligrams per litre	1	4	72	80	88
Calcium	milligrams per litre	1	4	14.9	19.0	23.1
Potassium	milligrams per litre	1	4	3.1	3.6	3.9
Magnesium	milligrams per litre	1	4	11.7	13.1	14.6

Chloride	milligrams per litre	1	4	53	57.5	60
Sulfate	milligrams per litre	1	4	8	13.8	28
Ammonia	milligrams per litre	1	4	0.1	0.1	0.1
Nitrate	milligrams per litre	1	4	0.5	0.6	1
Phosphorus	milligrams per litre	1	4	0.2	0.7	1.1

Monitoring Point 11

Groundwater quality monitoring, Piezometer labelled 'Piezo 5' identified in Figure 1 of the document titled "Narrandera Poultry Production Complex - Water Management Plan" dated March 2016, kept on EPA file EF16/1645 at DOC16/59520

Pollutant	Unit of measure	No. of samples required	No. of samples collected and analysed	Lowest sample value	Mean of sample	Highest sample value
pH	pH	1	4	6.6	7.1	7.8
Electrical conductivity	microsiemens per centimetre	1	4	234	237.5	241
Total dissolved solids	milligrams per litre	1	4	79	161	191
Sodium	milligrams per litre	1	4	24	26.3	30
Calcium	milligrams per litre	1	4	9.2	9.7	10.5
Potassium	milligrams per litre	1	4	1.2	1.7	2
Magnesium	milligrams per litre	1	4	5.6	6.5	7.5
Chloride	milligrams per litre	1	4	12	12.8	13
Sulfate	milligrams per litre	1	4	3	7.5	18
Ammonia	milligrams per litre	1	4	0.1	0.1	0.1
Nitrate	milligrams per litre	1	4	0.5	0.6	1
Phosphorus	milligrams per litre	1	4	0.01	0.02	0.03

Monitoring Point 12

Groundwater quality monitoring, Piezometer labelled 'Piezo 6' identified in Figure 1 of the document titled "Narrandera Poultry Production Complex - Water Management Plan" dated March 2016, kept on EPA file EF16/1645 at DOC16/59520

Pollutant	Unit of measure	No. of samples required	No. of samples collected and analysed	Lowest sample value	Mean of sample	Highest sample value
pH	pH	1	4	6.7	7.0	7.5
Electrical conductivity	microsiemens per centimetre	1	4	326	356	391
Total dissolved solids	milligrams per litre	1	4	206	235.3	269
Sodium	milligrams per litre	1	4	36	40	44
Calcium	milligrams per litre	1	4	12	12.8	13.4
Potassium	milligrams per litre	1	4	1.4	2.4	3.2
Magnesium	milligrams per litre	1	4	7.2	9.1	11.2
Chloride	milligrams per litre	1	4	32	38.8	44
Sulfate	milligrams per litre	1	4	4	8.5	15
Ammonia	milligrams per litre	1	4	0.1	0.3	1
Nitrate	milligrams per litre	1	4	0.5	0.6	1
Phosphorus	milligrams per litre	1	4	0.01	0.01	0.02

Monitoring Point 2

Surface water quality monitoring, Sediment dam No 1 at PPU 1 identified in Figures 1 & 2 of the document titled "Narrandera Poultry Production Complex - Water Management Plan" dated March 2016, kept on EPA file EF16/1645 at DOC16/59520

Pollutant	Unit of measure	No. of samples required	No. of samples collected and analysed	Lowest sample value	Mean of sample	Highest sample value
pH	pH	1	4	7.5	8.2	9.7
Electrical conductivity	microsiemens per centimetre	1	4	268	348.3	493
Total suspended solids	milligrams per litre	1	4	29	472.3	1000
Nitrogen (total)	milligrams per litre	1	3	2	2.7	4
Phosphorus (total)	milligrams per litre	1	4	0.01	0.2	0.3

Monitoring Point 3

Surface water quality monitoring, Sediment dam No 3 at PPU 2 identified in Figures 1 & 2 of the document titled "Narrandera Poultry Production Complex - Water Management Plan" dated March 2016, kept on EPA file EF16/1645 at DOC16/59520

Pollutant	Unit of measure	No. of samples required	No. of samples collected and analysed	Lowest sample value	Mean of sample	Highest sample value
pH	pH	1	4	7.2	7.7	8.7
Electrical conductivity	microsiemens per centimetre	1	4	213	408.5	672
Total suspended solids	milligrams per litre	1	4	345	716.8	1280
Nitrogen (total)	milligrams per litre	1	3	9	13	16
Phosphorus (total)	milligrams per litre	1	4	0.3	1.4	2.7

Monitoring Point 4

Surface water quality monitoring, Sediment dam No 1 at PPU 3 identified in Figures 1 & 2 of the document titled "Narrandera Poultry Production Complex - Water Management Plan" dated March 2016, kept on EPA file EF16/1645 at DOC16/59520

Pollutant	Unit of measure	No. of samples required	No. of samples collected and analysed	Lowest sample value	Mean of sample	Highest sample value
pH	pH	1	4	7.4	8.2	9.2
Electrical conductivity	microsiemens per centimetre	1	4	266	424	729
Total suspended solids	milligrams per litre	1	4	10	544.8	1660
Nitrogen (total)	milligrams per litre	1	3	3	8	14
Phosphorus (total)	milligrams per litre	1	4	0.1	0.8	2.2

Monitoring Point 5

Surface water quality monitoring, Sediment dam No 3 at PPU 4 identified in Figures 1 & 2 of the document titled "Narrandera Poultry Production Complex - Water Management Plan" dated March 2016, kept on EPA file EF16/1645 at DOC16/59520

Pollutant	Unit of measure	No. of samples required	No. of samples collected and analysed	Lowest sample value	Mean of sample	Highest sample value
pH	pH	1	4	7.5	8.2	9.1
Electrical conductivity	microsiemens per centimetre	1	4	246	330.3	514
Total suspended solids	milligrams per litre	1	4	9	173.5	454
Nitrogen (total)	milligrams per litre	1	3	5	7.7	10
Phosphorus (total)	milligrams per litre	1	4	0.2	0.5	1.2

Monitoring Point 6

Surface water quality monitoring, Sediment dam No 1 at PPU 5 identified in Figures 1 & 2 of the document titled "Narrandera Poultry Production Complex - Water Management Plan" dated March 2016, kept on EPA file EF16/1645 at DOC16/59520

Pollutant	Unit of measure	No. of samples required	No. of samples collected and analysed	Lowest sample value	Mean of sample	Highest sample value
pH	pH	1	3	7.4	7.9	8.2
Electrical conductivity	microsiemens per centimetre	1	3	187	236.7	301
Total suspended solids	milligrams per litre	1	3	87	96.7	115
Nitrogen (total)	milligrams per litre	1	2	2	4	6
Phosphorus (total)	milligrams per litre	1	3	0.4	0.6	0.7

Monitoring Point 7

Groundwater quality monitoring, Piezometer labelled 'Piezo 1' identified in Figure 1 of the document titled "Narrandera Poultry Production Complex - Water Management Plan" dated March 2016, kept on EPA file EF16/1645 at DOC16/59520

Pollutant	Unit of measure	No. of samples required	No. of samples collected and analysed	Lowest sample value	Mean of sample	Highest sample value
pH	pH	1	4	7	7.7	9.1
Electrical conductivity	microsiemens per centimetre	1	4	181	188.5	196

Total dissolved solids	milligrams per litre	1	4	79	126	152
Sodium	milligrams per litre	1	4	25	27	31
Calcium	milligrams per litre	1	4	4.2	4.9	5.3
Potassium	milligrams per litre	1	4	0.8	1.4	1.6
Magnesium	milligrams per litre	1	4	2.7	3.4	4
Chloride	milligrams per litre	1	4	12	13.6	18.3
Sulfate	milligrams per litre	1	4	3	5.8	9
Ammonia	milligrams per litre	1	4	0.1	0.4	1.1
Nitrate	milligrams per litre	1	4	0.5	0.6	1
Phosphorus	milligrams per litre	1	4	0.01	0.03	0.09

Monitoring Point 8

Groundwater quality monitoring, Piezometer labelled 'Piezo 2' identified in Figure 1 of the document titled "Narrandera Poultry Production Complex - Water Management Plan" dated March 2016, kept on EPA file EF16/1645 at DOC16/59520

Pollutant	Unit of measure	No. of samples required	No. of samples collected and analysed	Lowest sample value	Mean of sample	Highest sample value
pH	pH	1	4	7	7.5	8.5
Electrical conductivity	microsiemens per centimetre	1	4	196	253	281
Total dissolved solids	milligrams per litre	1	4	79	168.3	204
Sodium	milligrams per litre	1	4	27	36.3	46
Calcium	milligrams per litre	1	4	6.9	7.4	8
Potassium	milligrams per litre	1	4	1.4	1.8	2.4
Magnesium	milligrams per litre	1	4	4	4.7	5.6
Chloride	milligrams per litre	1	4	16	18.5	21
Sulfate	milligrams per litre	1	4	4	6.8	11
Ammonia	milligrams per litre	1	4	0.1	0.2	0.3

Nitrate	milligrams per litre	1	4	0.5	0.6	1
Phosphorus	milligrams per litre	1	4	0.01	0.03	0.05

Monitoring Point 9

Groundwater quality monitoring, Piezometer labelled 'Piezo 3' identified in Figure 1 of the document titled "Narrandera Poultry Production Complex - Water Management Plan" dated March 2016, kept on EPA file EF16/1645 at DOC16/59520

Pollutant	Unit of measure	No. of samples required	No. of samples collected and analysed	Lowest sample value	Mean of sample	Highest sample value
pH	pH	1	4	7.2	7.5	8.3
Electrical conductivity	microsiemens per centimetre	1	4	182	184.5	192
Total dissolved solids	milligrams per litre	1	4	117	140.3	165
Sodium	milligrams per litre	1	4	18	20.3	22
Calcium	milligrams per litre	1	4	6.6	7.1	7.9
Potassium	milligrams per litre	1	4	1.6	1.8	1.8
Magnesium	milligrams per litre	1	4	4	4.8	5.4
Chloride	milligrams per litre	1	4	13	13.3	14
Sulfate	milligrams per litre	1	4	3	5	8
Ammonia	milligrams per litre	1	4	0.1	0.4	1.3
Nitrate	milligrams per litre	1	4	0.5	0.6	1
Phosphorus	milligrams per litre	1	4	0.01	0.04	0.09

B3. Volume or Mass Monitoring Summary

For each volume or mass monitoring point identified in your licence, details are displayed below. If volume or mass monitoring is not required by your licence, **no data** will appear below.
If data was provided from an uploaded file, the file name will be displayed below instead of any data.
Note that this does not exclude the need to conduct appropriate volume or mass monitoring of assessable pollutants are required by load-based licensing (if applicable).

C. Statement of Compliance - Licence Conditions

C1. Compliance with Licence Conditions

Were all conditions of the licence complied with (including monitoring and reporting requirements)?	**Yes**

D. Statement of Compliance - Load Based Fee Calculation

If you are not required to monitor assessable pollutants by your licence, **no data** will appear below.

If assessable pollutants have been identified on your licence, the following worksheets for each assessable pollutant will 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 EPA's Load Calculation Protocol for the relevant activity. A Load Calculation Protocol would have been already 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.

E. Statement of Compliance - Requirement to Prepare PIRMP

Have you prepared a Pollution Incident Response Management Plan (PIRMP) as required under section 153A of the Protection of the Environment Operations (POEO) Act 1997?	**Yes**
Is the PIRMP available at the premises?	**Yes**
Is the PIRMP available in a prominent position on a publicly accessible website?	**Yes**
Address of the web page where the PIRMP can be accessed ▼	
www.proten.com.au	
Has the PIRMP been tested?	**Yes**
The PIRMP was last tested on	**1-9-2017**
Has the PIRMP been updated?	**Yes**
The PIRMP was last updated on	**1-9-2017**
Number of times the PIRMP was activated in this reporting period?	**0**
The PIRMP was activated on	**0**

F. Statement of Compliance - Requirement to Publish Pollution Monitoring Data

Are there any conditions attached to your licence that require pollution monitoring to be undertaken as required under section 66(6) of the Protection of the Environment Operations (POEO) Act 1997?	**Yes**

Do you operate a website?	**Yes**
Is the pollution monitoring data published on your website in accordance with the EPA's written requirements for publishing pollution monitoring data?	**Yes**
Address of the web page where the pollution monitoring data can be accessed ▼	
www.proten.com.au	

G. Statement of Compliance - Environment Management System and Practices

Do you have an ISO 14001 certified Environmental Management System (EMS) OR any other system that EPA considers is equivalent to the accountability, procedures, documentation and record keeping requirements of an ISO 14001 certified EMS?	**No**

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?	**Yes**
Have you established and implemented an operational maintenance program, including preventative maintenance?	**Yes**
Do you keep records of regular inspections and maintenance of plant and equipment?	**Yes**
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?	**Yes**
Are the audits of documented environmental practices, procedures and systems undertaken by a third party?	**Yes**
Have you established and implemented an environmental improvement or management plan?	**Yes**
Do you train staff in environmental issues that may arise from your activities and operations and keep records of this	**Yes**

H. Signature and Certification

Annual Return

PROTEN HOLDINGS PTY LIMITED

Licence 20748

This Annual Return may only be signed by person(s) with legal authority to sign it as set out in following categories: an Individual, a Company, a Public authority or a Local council.

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 and $120,000 for an individual.

I/We

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

Signed by: Director	
Name	Daniel Bryant
Position	Director
Email Address	daniel@proten.c0m.au
Phone Number	04 3849 8292

Signed by: Secretary	
Name	James Wentworth
Position	Company Secretary
Email Address	jamesw@proten.com.au
Phone Number	02 9458 1703

Signature		**Signature**	
Name		**Name**	
Position		**Position**	
Date	/ /	**Date**	/ /

Declaration	Declaration
I 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 **I certify that the information in the Statement of Compliance in section 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.**	**I 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** **I certify that the information in the Statement of Compliance in section 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.**