



Government of **Western Australia**  
Department of **Environment Regulation**

Your ref L8245/2008/2  
Our ref DEC8231  
Enquiries Garth Grimsley  
Phone (08) 9921 5955  
Fax (08) 9921 5713  
Email [garth.grimsley@der.wa.gov.au](mailto:garth.grimsley@der.wa.gov.au)

Mr Gordon Groth  
Environmental Operations Manager  
Water Corporation  
PO Box 100  
LEEDERVILLE WA 6902

Dear Mr Groth

**ENVIRONMENTAL PROTECTION ACT 1986: LICENCE GRANTED**

**Premises**

Narngulu Wastewater Treatment Plant  
Lot 150 on Diagram 78656 and Lot 1782 on Diagram 248686, NARNGULU WA 6532  
**Licence Number:** L8245/2008/2

A licence under the *Environmental Protection Act 1986* (the Act) has been granted for the above premises. The Department of Environment Regulation will advertise the issuing of this licence in the public notices section of *The West Australian* newspaper.

The licence includes attached conditions. Under section 58(1) of the Act, it is an offence to contravene a condition of a licence. This offence carries a penalty of up to \$125,000 and a daily penalty of up to \$25,000.

In accordance with section 102(1)(c) of the Act, you have 21 days to appeal the conditions of the licence. Under section 102(3)(a) of the Act, any other person may also appeal the conditions of the licence. To lodge an appeal contact the Office of the Appeals Convenor on 6467 5190 or by email at [admin@appealsconvenor.wa.gov.au](mailto:admin@appealsconvenor.wa.gov.au).

Where a licence is issued for more than one year it requires payment of an annual fee and will cease to have effect if the fee is unpaid. It is the occupier's responsibility to lodge a fee application and pay the annual fee in sufficient time to avoid incurring a late payment fee and for processing to be completed before the licence anniversary date.

If you have any queries regarding the above information, please contact Garth Grimsley on (08) 9921 5955.

Yours sincerely

Peter Skitmore  
Officer delegated under section 20  
of the *Environmental Protection Act 1986*

Thursday, 3 October 2013

The Atrium, 168 St Georges Terrace, Perth WA 6000  
Phone (08) 6467 5000 Fax (08) 6467 5562  
Postal Address: Locked Bag 33, Cloisters Square, Perth WA 6850  
[www.der.wa.gov.au](http://www.der.wa.gov.au)





## LICENCE FOR PRESCRIBED PREMISES

### *Environmental Protection Act 1986*

LICENCE NUMBER: L8245/2008/2

FILE NUMBER DEC8231

#### LICENSEE

Water Corporation  
629 Newcastle Street  
LEEDERVILLE WA 6007

#### PREMISES

Narngulu Wastewater Treatment Plant  
Lot 150 on Diagram 78656 and Lot 1782 on Diagram 248686  
NARNGULU WA 6532  
(as depicted in Attachment 1)

#### PRESCRIBED PREMISES CATEGORY

Schedule 1 of the Environmental Protection Regulations 1987

CATEGORY NUMBER	CATEGORY DESCRIPTION	CATEGORY PRODUCTION OR DESIGN CAPACITY	PREMISES PRODUCTION OR DESIGN CAPACITY
54	Sewage facility: premises: - (a) on which sewage is treated (excluding septic tanks); or (b) from which treated sewage is discharged onto land or into waters.	100 cubic metres or more per day	3500 cubic metres per day

#### CONDITIONS OF LICENCE

Subject to the conditions of licence set out in the attached pages.

Officer delegated under section 20  
of the *Environmental Protection Act 1986*

ISSUE DATE Thursday, 3 October 2013  
COMMENCEMENT DATE: Sunday, 6 October 2013  
EXPIRY DATE: Friday, 5 October 2018

# CONDITIONS OF LICENCE

## *Environmental Protection Act 1986*

LICENCE NUMBER: L8245/2008/2

FILE NUMBER DEC8231

### DEFINITIONS

In these conditions of licence, unless inconsistent with the text or subject matter:

"AS/NZS" means the most recent version (unless otherwise stated) of the specified Australian and New Zealand Standard as jointly published by Standards Australia International Ltd, Sydney and Standards New Zealand, Wellington;

"AS/NZS 5667.1" means the Australian Standard AS/NZS 5667.1 *Water Quality – Sampling – Guidance of the Design of sampling programs, sampling techniques and the preservation and handling of samples*;

"AS/NZS 5667.10" means the Australian Standard AS/NZS 5667.10 *Water Quality – Sampling – Guidance on sampling of waste waters*;

"AS/NZS 5667.11" means the Australian Standard AS/NZS 5667.11 *Water Quality – Sampling – Guidance on sampling of groundwaters*;

"Director" means Director, Environmental Regulation Division of the Department of Environment Regulation for and on behalf of the Chief Executive Officer as delegated under section 20 of the *Environmental Protection Act 1986*; and

"Director" for the purpose of correspondence means-

Regional Leader, Industry Regulation, Midwest Region  
Department of Environment Regulation  
PO Box 72  
Geraldton WA 6531

Telephone: (08) 9921 5955

Facsimile: (08) 9921 5713;

"hardstand" means a surface with a permeability of  $10^{-9}$  metres/second or less;

"mg/L" means milligrams per litre; and

"NATA" means National Association of Testing Authorities.

### GENERAL CONDITIONS

- 1 The licensee shall manage the wastewater treatment ponds in a manner such that:
  - (i) uncontaminated stormwater runoff resulting from site drainage shall not enter the wastewater treatment ponds;
  - (ii) stormwater be diverted away to prevent erosion of embankments;
  - (iii) overtopping of the wastewater treatment ponds or any of the sludge drying beds does not occur;
  - (iv) there is no discernible seepage loss from the ponds; and
  - (v) vegetation (emergent or otherwise) and floating debris shall be prevented from encroaching on or from growing in the pond wastewaters or on the pond embankments.

### DISCHARGE TO LAND

- 2 The licensee shall only discharge treated wastewater to the onsite infiltration ponds.

ISSUE DATE

Thursday, 3 October 2013

COMMENCEMENT DATE:

Sunday, 6 October 2013

EXPIRY DATE:

Friday, 5 October 2018

Page 2 of 9

# CONDITIONS OF LICENCE

## *Environmental Protection Act 1986*

LICENCE NUMBER: L8245/2008/2

FILE NUMBER DEC8231

- 3 The licensee shall maintain a suitable device for measuring cumulative volumes of treated wastewater discharged to the infiltration ponds. The monthly flow results shall be presented in the next Annual Environmental Report in a tabular form.
- 4 The licensee shall maintain a sampling point in the outlet pipe to enable sampling of plant treated wastewater.

### WASTE REMOVAL / STORAGE

- 5 The licensee shall inform the Director in writing no less than 14 days prior to any desludging of any wastewater treatment pond on the premises and provide the following information:
- (i) the dates that desludging is intended to occur;
  - (ii) the method by which the desludging is to occur; and
  - (iii) the proposed action to mitigate any potential impact of odour emissions.
- 6 Where sewage sludge is temporarily stored on-site, direct sewage sludge to a hardstand area or approved drying bed which is adequately bunded to prevent surface runoff of leachate.
- 7 The licensee shall inform the Director in writing no less than 14 days prior to taking any of the treatment ponds offline for maintenance works and provide the following information:
- (i) the dates and duration that the treatment pond(s) will be taken offline;
  - (ii) the reason for taking the treatment pond(s) offline; and
  - (iii) the proposed action to manage the plant with the treatment pond(s) offline.

### MONITORING CONDITIONS

- 8 The licensee shall maintain monitoring bores designated 1/01, 2/01, 3/01, 4/01, 5/01 and 6/01, at the locations depicted in Attachment 2, to allow representative groundwater samples to be collected.
- 9(a) The licensee shall take and have analysed, representative water samples from Table 1 at the monitoring sites shown in Column 1, at the frequency in Column 2 for the parameters in Column 3:

**Table 1: Monitoring requirements of Narngulu Wastewater Treatment Plan**

Column 1	Column 2	Column 3
Monitoring sites	Frequency	Parameter
Outlet pipe	Quarterly	pH, Total Dissolved Solids (TDS), Total Suspended Solids, 5-Day filtered Biochemical Oxygen Demand , Biological Oxygen Demand. Total Nitrogen, Ammonium-Nitrogen, Nitrate + Nitrite-Nitrogen, Total Phosphorus and <i>E coli</i>
Groundwater Bores	Quarterly	pH, Total Dissolved Solids (TDS),

ISSUE DATE

Thursday, 3 October 2013

COMMENCEMENT DATE:

Sunday, 6 October 2013

EXPIRY DATE:

Friday, 5 October 2018

# CONDITIONS OF LICENCE

## *Environmental Protection Act 1986*

LICENCE NUMBER: L8245/2008/2

FILE NUMBER DEC8231

1/01, 2/01, 3/01, 4/01, 5/01 and 6/01	Total Nitrogen, Ammonium-Nitrogen, Nitrate + Nitrite-Nitrogen and Total Phosphorus.
--	---

Table 1: With the exception of pH and *E coli*, all measurements are to be reported in mg/L.

- 9(b) The licensee shall measure the Standing Water Level in metres below surface level in monitoring bores 1/01, 2/01, 3/01, 4/01, 5/01 and 6/01.
- 10 The licensee shall ensure that all water samples required by condition 9(a) are collected, handled and preserved in accordance with AS/ NZS 5667.1, AS/NZS 5667.10 and AS/NZS 5667.11.
- 11 The licensee shall submit all water samples to a laboratory with current NATA accreditation for the analyses specified.

### REPORTING CONDITIONS

- 12 The Licensee shall submit to the Director, by **1 September each year**, an Annual Environmental Report containing data collected during the period beginning **1 July** the previous year and ending on **30 June** in that year. The report shall contain but not be limited to:
- (i) monitoring data or other collected data required by any condition of this licence;
  - (ii) an assessment of the data required by any condition of this licence against data from previous years' monitoring;
  - (iii) a list of any monitoring methods used to collect and analyse data required by any condition of this licence to demonstrate they comply with the methods specified in this licence;
  - (iv) a summary of any complaints received about emissions from the Premises including the date, time, the complaints address (street name and suburb only), a description of the complaint, the likely cause and findings of any investigations;
  - (v) a summary of any issues raised by the Department of Environment Regulation(e.g. arising from inspections) during the reporting period, details on how these have been addressed or rectified or, if the required work has yet to be completed, how and when they will be rectified or completed;
  - (vi) number of spills or discharges of environmental hazardous substances which occurred otherwise than in accordance with the conditions of this licence and the actions taken to address these spills or discharges and future preventative measures; and
  - (vii) an updated premises plan.
- 13 The licensee shall by **1 September** in each year, provide to the Director an Annual Audit Compliance Report in the form in Attachment 3 to this licence, signed and certified in the manner required by Section C of the form, indicating the extent to which the licensee has complied with the conditions of this licence, and any previous licence issued under Part V of the Act for the premises, during the period beginning 1 July the previous year and ending on 30 June in that year.

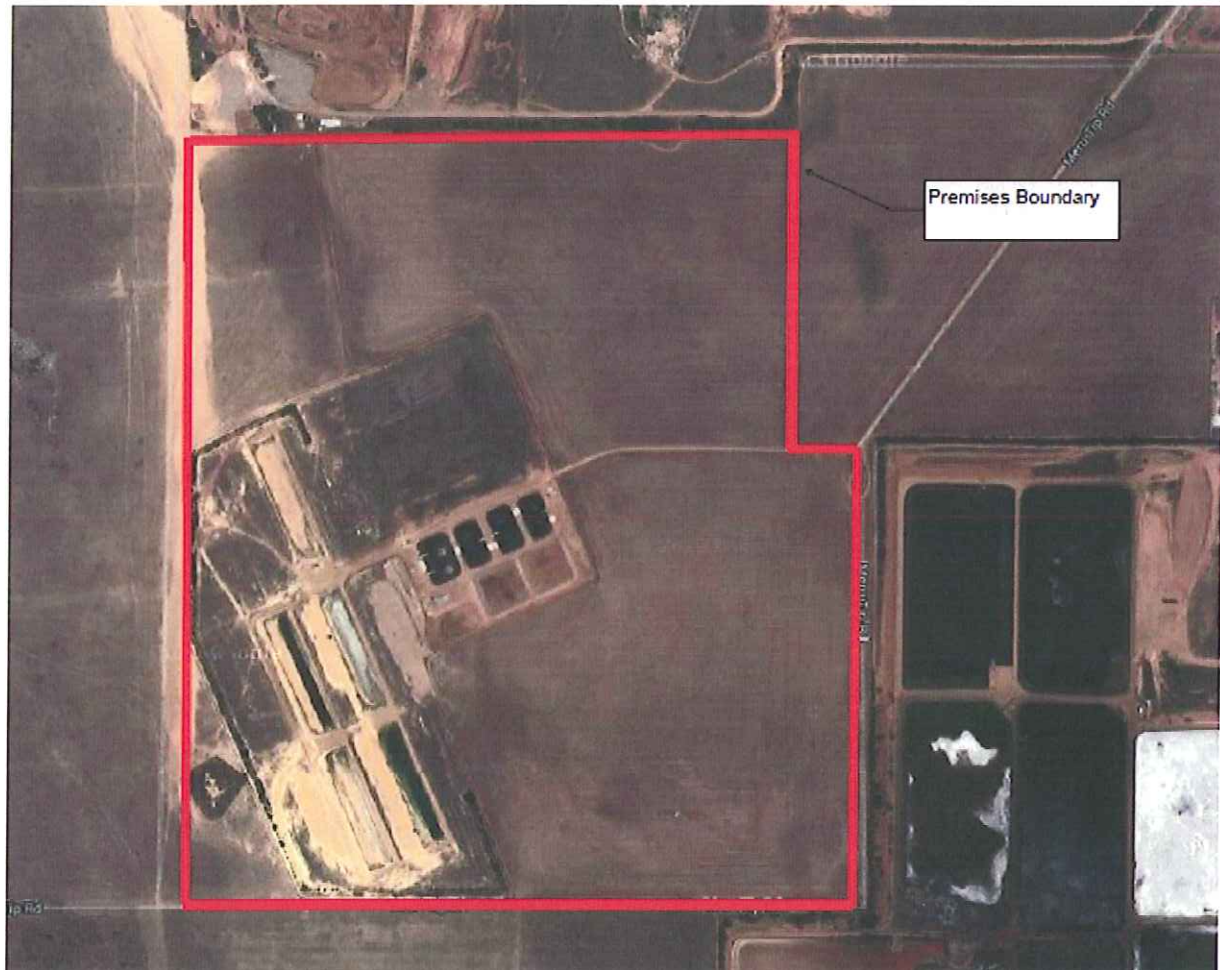


## ATTACHMENT 1

LICENCE NUMBER: L8245/2008/2

FILE NUMBER DEC8231

**PLAN OF PREMISES :** Narngulu Wastewater Treatment Plant - Lot 150 on Diagram 78656 and Lot 1782 on Diagram 248686, Narngulu (boundary shown in red)



ISSUE DATE  
COMMENCEMENT DATE:  
EXPIRY DATE:

Thursday, 3 October 2013  
Sunday, 6 October 2013  
Friday, 5 October 2018

FILE NUMBER DEC8231

**ENGINEERING WORKSHEET SHEET**

**WATER**

**INFRASTRUCTURE DESIGN BRANCH**

**PROJECT INFORMATION**

PROJECT: WASTEWATER TREATMENT PLANT - PHASE 1

CLIENT: [REDACTED]

DATE: 10/03/2023

SCALE: 1:100

**LEGEND**

1. 1500mm DIA. RISING MAIN

2. 1500mm DIA. FLOW MAIN

3. 1500mm DIA. OVERFLOW

4. 1500mm DIA. UNDERFLOW

5. 1500mm DIA. Bypass

6. 1500mm DIA. Return

7. 1500mm DIA. Siphon

8. 1500mm DIA. Valve

9. 1500mm DIA. Manhole

10. 1500mm DIA. Access

11. 1500mm DIA. Vent

12. 1500mm DIA. Drain

13. 1500mm DIA. Ejector

14. 1500mm DIA. Pump

15. 1500mm DIA. Motor

16. 1500mm DIA. Control

17. 1500mm DIA. Instrument

18. 1500mm DIA. Signal

19. 1500mm DIA. Alarm

20. 1500mm DIA. Interlock

21. 1500mm DIA. Safety

22. 1500mm DIA. Emergency

23. 1500mm DIA. Stop

24. 1500mm DIA. Start

25. 1500mm DIA. Reset

26. 1500mm DIA. Test

27. 1500mm DIA. Calibrate

28. 1500mm DIA. Maintain

29. 1500mm DIA. Repair

30. 1500mm DIA. Replace

31. 1500mm DIA. Upgrade

32. 1500mm DIA. Modernize

33. 1500mm DIA. Optimize

34. 1500mm DIA. Enhance

35. 1500mm DIA. Improve

36. 1500mm DIA. Upgrade

37. 1500mm DIA. Modernize

38. 1500mm DIA. Optimize

39. 1500mm DIA. Enhance

40. 1500mm DIA. Improve

41. 1500mm DIA. Upgrade

42. 1500mm DIA. Modernize

43. 1500mm DIA. Optimize

44. 1500mm DIA. Enhance

45. 1500mm DIA. Improve

46. 1500mm DIA. Upgrade

47. 1500mm DIA. Modernize

48. 1500mm DIA. Optimize

49. 1500mm DIA. Enhance

50. 1500mm DIA. Improve

51. 1500mm DIA. Upgrade

52. 1500mm DIA. Modernize

53. 1500mm DIA. Optimize

54. 1500mm DIA. Enhance

55. 1500mm DIA. Improve

56. 1500mm DIA. Upgrade

57. 1500mm DIA. Modernize

58. 1500mm DIA. Optimize

59. 1500mm DIA. Enhance

60. 1500mm DIA. Improve

61. 1500mm DIA. Upgrade

62. 1500mm DIA. Modernize

63. 1500mm DIA. Optimize

64. 1500mm DIA. Enhance

65. 1500mm DIA. Improve

66. 1500mm DIA. Upgrade

67. 1500mm DIA. Modernize

68. 1500mm DIA. Optimize

69. 1500mm DIA. Enhance

70. 1500mm DIA. Improve

71. 1500mm DIA. Upgrade

72. 1500mm DIA. Modernize

73. 1500mm DIA. Optimize

74. 1500mm DIA. Enhance

75. 1500mm DIA. Improve

76. 1500mm DIA. Upgrade

77. 1500mm DIA. Modernize

78. 1500mm DIA. Optimize

79. 1500mm DIA. Enhance

80. 1500mm DIA. Improve

81. 1500mm DIA. Upgrade

82. 1500mm DIA. Modernize

83. 1500mm DIA. Optimize

84. 1500mm DIA. Enhance

85. 1500mm DIA. Improve

86. 1500mm DIA. Upgrade

87. 1500mm DIA. Modernize

88. 1500mm DIA. Optimize

89. 1500mm DIA. Enhance

90. 1500mm DIA. Improve

91. 1500mm DIA. Upgrade

92. 1500mm DIA. Modernize

93. 1500mm DIA. Optimize

94. 1500mm DIA. Enhance

95. 1500mm DIA. Improve

96. 1500mm DIA. Upgrade

97. 1500mm DIA. Modernize

98. 1500mm DIA. Optimize

99. 1500mm DIA. Enhance

100. 1500mm DIA. Improve

101. 1500mm DIA. Upgrade

102. 1500mm DIA. Modernize

103. 1500mm DIA. Optimize

104. 1500mm DIA. Enhance

105. 1500mm DIA. Improve

106. 1500mm DIA. Upgrade

107. 1500mm DIA. Modernize

108. 1500mm DIA. Optimize

109. 1500mm DIA. Enhance

110. 1500mm DIA. Improve

111. 1500mm DIA. Upgrade

112. 1500mm DIA. Modernize

113. 1500mm DIA. Optimize

114. 1500mm DIA. Enhance

115. 1500mm DIA. Improve

116. 1500mm DIA. Upgrade

117. 1500mm DIA. Modernize

118. 1500mm DIA. Optimize

119. 1500mm DIA. Enhance

120. 1500mm DIA. Improve

121. 1500mm DIA. Upgrade

122. 1500mm DIA. Modernize

123. 1500mm DIA. Optimize

124. 1500mm DIA. Enhance

125. 1500mm DIA. Improve

126. 1500mm DIA. Upgrade

127. 1500mm DIA. Modernize

128. 1500mm DIA. Optimize

129. 1500mm DIA. Enhance

130. 1500mm DIA. Improve

131. 1500mm DIA. Upgrade

132. 1500mm DIA. Modernize

133. 1500mm DIA. Optimize

134. 1500mm DIA. Enhance

135. 1500mm DIA. Improve

136. 1500mm DIA. Upgrade

137. 1500mm DIA. Modernize

138. 1500mm DIA. Optimize

139. 1500mm DIA. Enhance

140. 1500mm DIA. Improve

141. 1500mm DIA. Upgrade

142. 1500mm DIA. Modernize

143. 1500mm DIA. Optimize

144. 1500mm DIA. Enhance

145. 1500mm DIA. Improve

146. 1500mm DIA. Upgrade

147. 1500mm DIA. Modernize

148. 1500mm DIA. Optimize

149. 1500mm DIA. Enhance

150. 1500mm DIA. Improve

151. 1500mm DIA. Upgrade

152. 1500mm DIA. Modernize

153. 1500mm DIA. Optimize

154. 1500mm DIA. Enhance

155. 1500mm DIA. Improve

156. 1500mm DIA. Upgrade

157. 1500mm DIA. Modernize

158. 1500mm DIA. Optimize

159. 1500mm DIA. Enhance

160. 1500mm DIA. Improve

161. 1500mm DIA. Upgrade

162. 1500mm DIA. Modernize

163. 1500mm DIA. Optimize

164. 1500mm DIA. Enhance

165. 1500mm DIA. Improve

166. 1500mm DIA. Upgrade

167. 1500mm DIA. Modernize

168. 1500mm DIA. Optimize

169. 1500mm DIA. Enhance

170. 1500mm DIA. Improve

171. 1500mm DIA. Upgrade

172. 1500mm DIA. Modernize

173. 1500mm DIA. Optimize

174. 1500mm DIA. Enhance

175. 1500mm DIA. Improve

176. 1500mm DIA. Upgrade

177. 1500mm DIA. Modernize

178. 1500mm DIA. Optimize

179. 1500mm DIA. Enhance

180. 1500mm DIA. Improve

181. 1500mm DIA. Upgrade

182. 1500mm DIA. Modernize

183. 1500mm DIA. Optimize

184. 1500mm DIA. Enhance

185. 1500mm DIA. Improve

186. 1500mm DIA. Upgrade

187. 1500mm DIA. Modernize

188. 1500mm DIA. Optimize

189. 1500mm DIA. Enhance

190. 1500mm DIA. Improve

191. 1500mm DIA. Upgrade

192. 1500mm DIA. Modernize

193. 1500mm DIA. Optimize

194. 1500mm DIA. Enhance

195. 1500mm DIA. Improve

196. 1500mm DIA. Upgrade

197. 1500mm DIA. Modernize

198. 1500mm DIA. Optimize

199. 1500mm DIA. Enhance

200. 1500mm DIA. Improve

201. 1500mm DIA. Upgrade

202. 1500mm DIA. Modernize

203. 1500mm DIA. Optimize

204. 1500mm DIA. Enhance

205. 1500mm DIA. Improve

Page 6 of 9



ATTACHMENT 3

LICENCE NUMBER: L8245/2008/2

FILE NUMBER DEC8231

ANNUAL AUDIT COMPLIANCE REPORT

**SECTION A**

**LICENCE DETAILS**

Licence Number:	Licence File Number:
Company Name:	ABN:
Trading as:	
Reporting period: _____ to _____	

**STATEMENT OF COMPLIANCE WITH LICENCE CONDITIONS**

1. Were all conditions of licence complied with within the reporting period? (please tick the appropriate box)

Yes ☐ Please proceed to Section C  
No ☐ Please proceed to Section B

Each page must be initialed by the person(s) who signs Section C of this annual audit compliance report

INITIAL: \_\_\_\_\_

ISSUE DATE Thursday, 3 October 2013  
COMMENCEMENT DATE: Sunday, 6 October 2013  
EXPIRY DATE: Friday, 5 October 2018

# ATTACHMENT 3

LICENCE NUMBER: L8245/2008/2

FILE NUMBER DEC8231

## SECTION B - DETAILS OF NON-COMPLIANCE WITH LICENCE CONDITION.

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

a) Licence condition not complied with?	
b) Date(s) when the non compliance occurred, if applicable?	
c) Was this non compliance reported to DER?	
<input type="checkbox"/> Yes <input type="checkbox"/> Reported to DER verbally    Date _____ <input type="checkbox"/> Reported to DER in writing    Date _____	<input type="checkbox"/> No
d) Has DER taken, or finalised any action in relation to the non compliance?	
e) Summary of particulars of non compliance, and what was the environmental impact?	
f) If relevant, the precise location where the non compliance occurred (attach map or diagram)	
g) Cause of non compliance	
h) Action taken or that will be taken to mitigate any adverse effects of the non compliance	
i) Action taken or that will be taken to prevent recurrence of the non compliance	

Each page must be initialed by the person(s) who signs Section C of this annual audit compliance report

INITIAL: \_\_\_\_\_

ISSUE DATE                      Thursday, 3 October 2013  
 COMMENCEMENT DATE:      Sunday, 6 October 2013  
 EXPIRY DATE:                   Friday, 5 October 2018

**ATTACHMENT 3****LICENCE NUMBER:** L8245/2008/2**FILE NUMBER** DEC8231**SECTION C - SIGNATURE AND CERTIFICATION**

This Annual Audit Compliance Report may only be signed by a person(s) with legal authority to sign it. The ways in which the Annual Audit Compliance Report must be signed and certified, and the people who may sign the statement, are set out below.

Please tick the box next to the category that describes how this Annual Audit Compliance Report is being signed. If you are uncertain about who is entitled to sign or which category to tick, please contact the licensing officer for your premises.

If the licence holder is	The Annual Audit Compliance Report must be signed and certified:
an individual	<input type="checkbox"/> by the individual licence holder, or <input type="checkbox"/> by a person approved in writing by the Chief Executive Officer of the Department of Environment Regulation to sign on the licensee's behalf.
A firm or other unincorporated company	<input type="checkbox"/> by the principal executive officer of the licensee; or <input type="checkbox"/> by a person with authority to sign on the licensee's behalf who is approved in writing by the Chief Executive Officer of the Department of Environment Regulation.
A corporation	<input type="checkbox"/> by affixing the common seal of the licensee in accordance with the Corporations Act 2001; or <input type="checkbox"/> by two directors of the licensee; or <input type="checkbox"/> by a director and a company secretary of the licensee, or <input type="checkbox"/> if the licensee is a proprietary company that has a sole director who is also the sole company secretary – by that director, or <input type="checkbox"/> by the principal executive officer of the licensee; or <input type="checkbox"/> by a person with authority to sign on the licensee's behalf who is approved in writing by the Chief Executive Officer of the Department of Environment Regulation.
A public authority (other than a local government)	<input type="checkbox"/> by the principal executive officer of the licensee; or <input type="checkbox"/> by a person with authority to sign on the licensee's behalf who is approved in writing by the Chief Executive Officer of the Department of Environment Regulation.
a local government	<input type="checkbox"/> by the chief executive officer of the licensee; or <input type="checkbox"/> by affixing the seal of the local government.

It is an offence under section 112 of the *Environmental Protection Act 1986* for a person to give information on this form that to their knowledge is false or misleading in a material particular. There is a maximum penalty of \$50,000 for an individual or body corporate.

I/We declare that the information in this annual audit compliance report is correct and not false or misleading in a material particular.

SIGNATURE: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

NAME: (printed) \_\_\_\_\_

NAME: (printed) \_\_\_\_\_

POSITION: \_\_\_\_\_

POSITION: \_\_\_\_\_

DATE: \_\_\_\_/\_\_\_\_/\_\_\_\_

DATE: \_\_\_\_/\_\_\_\_/\_\_\_\_

SEAL (if signing under seal)

**ISSUE DATE**

Thursday, 3 October 2013

**COMMENCEMENT DATE:**

Sunday, 6 October 2013

**EXPIRY DATE:**

Friday, 5 October 2018

