



ENVIRONMENT PROTECTION ACT 1970
SECTION 31D(5)

ANNUAL PERFORMANCE STATEMENT

ENERGYAUSTRALIA YALLOURN PTY LTD

HOLDER OF LICENCE: 10961
ACN: 065 325 224
REGISTERED ADDRESS: LEVEL 33 385 BOURKE ST
MELBOURNE VIC 3000
PREMISES ADDRESS: EASTERN RD
YALLOURN VIC 3825

STATEMENT SUMMARY

Statement Period: 01-Jul-2016 To 30-Jun-2017

Total Number of Conditions on Licence: 22
Number of Conditions - Complied: 22
Number of Conditions - Non-Complied: 0

DECLARATION

Alastair Mckeown
I, ~~Catherine Tanna~~ declare that the information in this Annual Performance Statement is true and correct. I have made all necessary enquiries, and no matters of significance have been withheld from the EPA

Name: *Alastair Mckeown* Position: *CFO - CHIEF Finance OFFICER*
~~Catherine Tanna~~ ~~Managing Director~~

Signed: *[Signature]* Date: *19.10.2017*

The most senior Australian-based officer of your organisation for this licence must sign this statement and it must be scanned and uploaded along with this completed APS form via the EPA web portal by 02 October 2017.

In the event this is not possible, the signed statement must be faxed to (03) 8677 9063 by 02 October 2017. In both instances the statement must also be e-certified on the web portal by 02 October 2017.

1. Under Section 31D(5) of the Environment Protection Act 1970, it is an offence to provide false or misleading information in an Annual Performance Statement or conceal any relevant information or document from the Authority. Contravention of subsection (5) is an indictable offence that carries a penalty of 2400 penalty units or imprisonment for two years, or both.

STATEMENT OF COMPLIANCE

Premises Address: EASTERN RD, YALLOURN VIC 3825

Licensed Activities: This licence applies to a premises, where brown coal is mined and electricity is generated in a brown coal fired power station, and allows for discharges to air and surface waters, and landfills for ash, asbestos, synthetic mineral fibre and solid inert wastes. The premises includes twin ash ponds, from which saline wastewater is discharged to the Integrated Ashing Effluent System.

Scheduled Categories:

A05	Landfills
C01	Extractive Industry and Mining
K01	Power Stations
A01	Prescribed Industrial Waste Management

Analysis of performance against environmental Performance Conditions

Condition Area	Condition Reference	Condition Description	Condition Complied with?
General	LI_G1	Waste from the premises must not be discharged to the environment except in accordance with this licence.	Yes
General	LI_G2	You must immediately notify EPA of non-compliance with any condition of this licence.	Yes
General	LI_G3	By 30 September each year you must submit an annual performance statement to EPA for the previous financial year in accordance with the Annual Performance Statement Guidelines (EPA Publication 1320).	Yes
General	LI_G4	Documents and monitoring records used for preparation of the annual performance statement must be retained at the premises for seven years from the date of each statement.	Yes
General	LI_G5	You must implement a monitoring program that enables you and EPA to determine compliance with this licence.	Yes
General	LI_G5.2	You must implement a program to assess the effect of your discharges to air on the ability of the Latrobe Valley Air Quality Control Region to comply with Schedule 2 of the State environment protection policy (Ambient Air Quality).	Yes
General	LI_G6	You must maintain a financial assurance calculated in accordance with the EPA method.	Yes
Amenity	LI_A1	Offensive odours must not be discharged beyond the boundaries of the premises.	Yes
Amenity	LI_A2	Unacceptable noise (including vibration) must not be emitted beyond the boundaries of the premises.	Yes
Amenity	LI_A4	Nuisance airborne particles must not be discharged beyond the boundaries of the premises.	Yes

Condition Area	Condition Reference	Condition Description	Condition Complied with?
Landfill	LI_L1	<p>You must develop and put into place a monitoring program that accords with Section A of the Landfill Licensing Guidelines, (EPA Publication 1323.3, released September 2016). The program must evaluate the risks to the environment associated with the operation of the landfill and the steps which can be taken to manage such risks and enable both you and EPA to determine changes in the condition of the environment or impacts to environmental quality as a result of activities at the premises. The monitoring program must be verified by a person who has been appointed as an environmental auditor under the Environment Protection Act 1970 and it must do all of the following:</p> <p>a) contain an assessment of the risks to the environment arising from the waste that has been deposited at the premises and of the current landfill operation prepared in accordance with the Landfill Licensing Guidelines, (EPA Publication 1323.3, released September 2016) or another method approved by EPA in writing;</p> <p>b) describe the environmental monitoring of landfill gas, leachate, groundwater, land, air, odour, noise, dust and surface water which will be undertaken to respond to the risks identified in the risk assessment in paragraph a) above;</p> <p>c) contain trigger levels and contingency actions to prevent further pollution when exceeded;</p> <p>d) specify the frequency for completing environmental audits of the landfill operation; and</p> <p>e) be appropriate and adapted to the characteristics of the landfill, including the landfill design, the volume of waste received, the age and planned future lifespan of the landfill and the surrounding environment.</p>	Yes
Landfill	LI_L2	You must engage a person who has been appointed as an environmental auditor under the Environment Protection Act 1970 to conduct and submit to EPA environmental audits of the risk of harm actually or potentially arising from landfill operation under Section 53V of the Act at the frequency specified in the monitoring program.	Yes
Landfill	LI_L3.2.1	By the end of each day's operations, any asbestos or synthetic mineral fibre deposited to the landfill must be covered (a) with a layer of soil at least 0.30 metres thick, or (b) using another method of cover approved by EPA.	Yes
Landfill	LI_L4	Waters contaminated by leachate must not be discharged beyond the boundaries of the premises.	Yes
Air	LI_DA1	Discharge of waste to air must be in accordance with the 'Discharge to Air' Table.	Yes
Air	LI_DA1.3.1	The concentration of particles from discharge points A1, A2a and A2b must not exceed 0.22 grams per normal cubic metre (based on 30 minute averages at 12% CO ₂) for more than a total of 1200 hours per year (aggregate total for all discharge points).	Yes
Air	LI_DA2.1	Visible emissions to air other than steam must not be discharged from the premises, except in accordance with condition LI_DA1.	Yes
Water	LI_DW1	Stormwater discharged from the premises must not be contaminated with waste.	Yes

Condition Area	Condition Reference	Condition Description	Condition Complied with?
Water	LI_DW2	Discharge of waste to surface waters must be in accordance with the 'Discharge to Water' Table.	Yes
Water	LI_DW2.09	Maximum discharge allowed from the premises is 150 ML/Day.	Yes
Land	LI_DL1	You must not contaminate land or groundwater.	Yes
Land	LI_DL3.1	Deposit of wastes generated at the premises must be in accordance with Schedule 2.	Yes

AIR ADDITIONAL INFORMATION

Premises Address: EASTERN RD, YALLOURN VIC 3825

AIR - MONITORING METHODS

Indicator	Monitoring Method	Number of Samples				Total	% Downtime	NATA Accredited
		Q1 (Jul-Sep)	Q2 (Oct-Dec)	Q3 (Jan-Mar)	Q4 (Apr-Jun)			
Carbon monoxide	Stack test	0	1,008	0	1,008	2,016	YES	
Chlorine compounds (as Chlorine)	Stack test	0	6	0	6	12	YES	
Fluorine compounds (as HF)	Stack test	0	6	0	6	12	YES	
Oxides of nitrogen (as NO2)	Stack test	0	1,008	0	1,008	2,016	YES	
Particles	Continuous						N/A	
Sulfur dioxide	Stack test	0	1,008	0	1,008	2,016	YES	
Sulfur trioxide	Stack test	0	6	0	6	12	YES	

AIR - RECORDED VALUES

Discharge Point Number	Indicator	Units	Licence Limit	Maximum Recorded Value	90th Percentile Value	Primary Proxy Indicator	Secondary Proxy Indicator
*A1, A2a, A2b	Carbon monoxide	g/min	139,000	= 118,520.000			
*A1, A2a, A2b	Chlorine compounds (as Chlorine)	g/min	22,000	= 13,010.000			
*A1, A2a, A2b	Fluorine compounds (as HF)	g/min	5,600	= 51.130			

Discharge Point Number	Indicator	Units	Licence Limit	Maximum Recorded Value	90th Percentile Value	Primary Proxy Indicator	Secondary Proxy Indicator
*A1,A2a, A2b	Oxides of nitrogen (as NO ₂)	g/min	51,600	= 36,570.000			
*A1,A2a, A2b	Particles	g/min	24,100	= 17,479.000	11,549.000		
*A1,A2a, A2b	Sulfur dioxide	g/min	104,000	= 61,897.000			
*A1,A2a, A2b	Sulfur trioxide	g/min	10,900	= 1,906.000			

* Indicates a bubble limit

WATER ADDITIONAL INFORMATION

Premises Address: EASTERN RD, YALLOURN VIC 3825

WATER - RECORDED VALUES

Discharge Point Number	Indicator	Recorded Value Required?	Collected?	Units	Limit Type	Licence Limit	Recorded Value
W1	Suspended solids	Required	Yes	mg/l	Annual Median	20	14.000
W1	Turbidity	Required	Yes	NTU	Maximum	60	40.000
W1	Total dissolved solids	Required	Yes	mg/l	Maximum	700	500.000
W1	Total dissolved solids	Required	Yes	mg/l	Annual Median	450	410.000
W1	Suspended solids	Required	Yes	mg/l	Maximum	50	23.000
W1	Turbidity	Required	Yes	NTU	Annual Median	25	19.000
W1	Colour	Required	Yes	Pt-Co	Maximum	70	45.000
W1	Colour	Required	Yes	Pt-Co	Annual Median	50	30.000
W1	pH	Required	Yes	pH	Maximum	8.5	7.300
W1	pH	Required	Yes	pH	Minimum	6	6.000
W1	Suspended solids	Optional	No	mg/l	90th Percentile		
W1	Turbidity	Optional	No	NTU	90th Percentile		
W1	Total dissolved solids	Optional	No	mg/l	90th Percentile		
W1	Total dissolved solids	Optional	No	mg/l	90th Percentile		
W1	Suspended solids	Optional	No	mg/l	90th Percentile		
W1	Turbidity	Optional	No	NTU	90th Percentile		
W1	Colour	Optional	No	Pt-Co	90th Percentile		
W1	Colour	Optional	No	Pt-Co	90th Percentile		
W1	pH	Optional	No	pH	Annual Median		

Discharge Point Number	Indicator	Recorded Value Required?	Collected?	Units	Limit Type	Loence Limit	Recorded Value
W1	pH	Optional	No	pH	Annual Median	=	

WATER - SAMPLING RECORD AND FLOW

Number of Samples

Q1 (Jul - Sep)	Q2 (Oct - Dec)	Q3 (Jan - Mar)	Q4 (Apr - Jun)	Total
13	13	13	13	52

Discharge (ML)

Q1 (Jul - Sep)	Q2 (Oct - Dec)	Q3 (Jan - Mar)	Q4 (Apr - Jun)	Total
4,075.24200	3,521.51000	2,380.75000	2,772.61000	12,750.11200

LANDFILL ADDITIONAL INFORMATION

Premises Address: EASTERN RD, YALLOURN VIC 3825

MONITORING PROGRAM VERIFICATION

Has your monitoring program been verified by an environmental auditor in the past Financial Year? Yes No

Last date Monitoring Program verified: 11/09/2015

Environmental Auditor: Jonathan Medd

Did the environmental auditor set any requirements for your monitoring program? Yes No

Audit frequency (set by auditor) every year(s)

Next scheduled audit completion date:

This is the date of your next audit and it must be within the audit frequency period set by the environmental auditor.

AUDIT REQUIREMENTS

Has your environmental audit been completed in the past Financial Year? Yes No

Last audit report date: 11/09/2015

Environmental Auditor: Jonathan Medd

Audit report CARMS number: 71329-1

Did the environmental auditor set any recommendations? Yes No

AUDITOR REQUIREMENTS / RECOMMENDATIONS

Financial Year Created	Audit Report CARS Number	Recommendation ID	Recommendation Type	Priority	Estimated Completion Date	Status of Completion	Date Completed
2015/16	71329-1	G4	Monitoring Program	Low	30/06/2017	Completed	30/06/2017
Recommendation Following the development of the Hydrogeological Assessment a monitoring network reflective of the risks to groundwater should be identified. The Hydrogeological Assessment and recommended monitoring network should be reviewed by an EPA appointed Environmental Auditor.							
Action Taken / Proposed The groundwater monitoring network has been reviewed by the nominated EPA appointed Environmental Auditor and the EAY groundwater management program has been developed in accordance with the recommendations from the hydrogeological assessment.							
2015/16	71329-1	C1	Monitoring Program	Low	31/12/2032	In Progress	
Recommendation Rehabilitation and capping of the landfill should be implemented in the future to ensure that the long term risk of harm or detriment to beneficial use of land remains low. Rehabilitation and capping should be in accordance with requirements of the Best Practice Environmental Management, Siting, Design, Operation and Rehabilitation of Landfills (BPEM) (EPA, 2010), or as otherwise agreed with EPA.							
Action Taken / Proposed Landfill final rehabilitation and design will be in accordance with Best Practice Environmental Management, Siting, Design, Operation and Rehabilitation of Landfills (EPA, 2010), or as agreed with by EPA.							
2015/16	71329-1	AQ2	Monitoring Program	Low	30/06/2017	Completed	19/09/2017
Recommendation The monitoring programs should be updated for dust and noise to include clear methodologies for monitoring to be undertaken including locations, frequency, laboratory analysis methods where appropriate, and a clear QA/QC procedure.							
Action Taken / Proposed The landfill monitoring program was revised based on the outcomes of the last round of dust monitoring. EAY landfills noise management is adequate to manage the risk of noise from landfilling activities.							