



ESPERANCE PORT AUTHORITY WESTERN AUSTRALIA


ENVIRONMENTAL MANAGEMENT PROGRAM 2007 – 2008

Esperance Port Authority

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	Esperance Port Authority	Document No.: PG001_2005-2006
	Title: ENVIRONMENTAL MANAGEMENT PROGRAM 2007 - 2008	Revision: 0
	Community	Issue Date: 28/05/06
		Page: 2 of 11 Reference: PL009

COMMUNITY			
RELEVANT CORPORATE ENVIRONMENTAL POLICIES	<ul style="list-style-type: none"> Ensure that the environmental and social values of Esperance are protected. Ensure that community expectations are considered in the management of Port Operations. Ensure that environmental protection measures are integrated into overall activities at the Port, subject to practicality and environmental justification. 		
OBJECTIVES	Manage the Esperance Port not to unreasonably impact the neighbouring community, while fulfilling its present and future role as a sea port essential to economic activity in the Esperance / Eastern Goldfields Region.		
TARGETS	<ul style="list-style-type: none"> Keep the Port Development Consultative Committees informed and updated about new port developments. Publish 2 editions of the "Esperance Report". Keep the community up to date with the results of monitoring 		
ACCOUNTABILITY	Chief Executive Officer	NEXT REVISION DATE	June 2008


No. ¹	ACTION REQUIRED	RESPONSIBILITY	DUE DATE	CLOSE-OUT	
				DATE	BY
Community Liaison					
126	Develop a system for reporting monitoring results on an ongoing basis to the community.	Environmental Consultant / Community Relations Manager	12/04		
224	Publish and distribute the Port's periodic newsletter, the 'Esperance Report':				
a.	<ul style="list-style-type: none"> August 2007 	Community Relations Manager	11/06		
b.	<ul style="list-style-type: none"> May 2008 	Community Relations Manager	05/07		



ENVIRONMENTAL DUST

RELEVANT CORPORATE ENVIRONMENTAL POLICIES	<ul style="list-style-type: none"> Ensure that the environmental and social values of Esperance are protected. Ensure that environmental protection measures are integrated into overall activities at the Port, subject to practicality and environmental justification. 			
OBJECTIVES	<ul style="list-style-type: none"> Control dust emitted from the Port premise, to the extent reasonable and practicable, so as not to harm the environment or adversely impact the welfare of the community. Maintain current dust control efficiencies on the handling of bulk materials as Port capacity increases. Cause no offsite dust nuisance events. 			
TARGETS	<ul style="list-style-type: none"> No increase in haematite or nickel dust deposition despite increased export quantities. Zero significant offsite dust events. Zero substantiated dust complaints. 			
ACCOUNTABILITY	<table border="1" style="width: 100%;"> <tr> <td style="width: 50%;">Chief Executive Officer</td> <td style="width: 25%;">NEXT REVISION DATE</td> <td style="width: 25%;">June 2008</td> </tr> </table>	Chief Executive Officer	NEXT REVISION DATE	June 2008
Chief Executive Officer	NEXT REVISION DATE	June 2008		


NO.	ACTION REQUIRED	RESPONSIBILITY	DUE DATE	CLOSE-OUT	
				DATE	BY
225	Perform dust gauge sampling and despatch to laboratory as required by Environmental Licence 5099:				
a.	<ul style="list-style-type: none"> August 2007 	Ventilation Officer	08/07		
b.	<ul style="list-style-type: none"> November 2007 	Ventilation Officer	11/07		
c.	<ul style="list-style-type: none"> February 2008 	Ventilation Officer	02/08		
d.	<ul style="list-style-type: none"> May 2008 	Ventilation Officer	05/08		
226	Prepare and submit to DoE Annual Environmental Monitoring Reports (refer Environmental Licence 5099 Condition G3):	Environmental Consultant	11/07		
227	Continue Rainwater Tank Monitoring on a six-monthly basis:				
a.	<ul style="list-style-type: none"> November 2007 	Environmental Consultant	11/07		
b.	<ul style="list-style-type: none"> May 2008 	Environmental Consultant	05/08		
228	Report results of rainwater tank monitoring to DoE in annual environmental reports.	Environmental Consultant	10/07		

	Esperance Port Authority	Document No.: PG001_2005-2006
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	Environmental Management System	Issue Date: 28/06/05
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		Reference: PL009

ENVIRONMENTAL MANAGEMENT SYSTEM			
RELEVANT CORPORATE ENVIRONMENTAL POLICIES	<ul style="list-style-type: none"> • Ensure that the environmental and social values of Esperance are protected. • Ensure that the responsibilities for environmental management are determined, communicated and clearly understood by all employees and contractors. • Ensure that those responsibilities are met in the workplace practice. • Ensure that environmental protection measures are integrated into overall activities at the Port, subject to practicality and environmental justification. • Ensure compliance with the Esperance Port Authority Environmental Management Program. 		
OBJECTIVES	Effective and efficient management of Port operations consistent with planned environmental outcomes while conforming to legal obligations.		
TARGETS	<ul style="list-style-type: none"> • Achieve 100% completion of Environmental Management Program 2007-2008 actions items 		
ACCOUNTABILITY	Chief Executive Officer	NEXT REVISION DATE	June 2008

No.	ACTION REQUIRED	RESPONSIBILITY	DUE DATE	CLOSE-OUT	
				DATE	BY
Environmental Compliance, Verification and Reporting					
163	Three years from commissioning – conduct 3 rd Party Environmental Audit. Stage 2 (iron ore infrastructure) and Stage 3 (sulphur and container handling)	Environmental Consultant	03/05		
189	Submit monthly fax to DoE – Albany summarising complaints.	Environmental Consultant	ongoing		
229	Prepare Ministerial Statement 681 Environmental Compliance Periodic Report No 7 for Port Authority CEO sign-off and submit to DEP (refer Ministerial Statement 681 Condition 5-1). Include with this 3-yearly performance review report (dust and noise), as required by MS681..	Environmental Consultant	03/08		
210	Create separate Dust, Noise and Odour Management Plans and submit to DoE-Esperance.	Environmental Consultant	03/07		
Environmental System Development and Maintenance					
230	Review and update Environmental Management Plan	Environmental Consultant	12/07		
231	Prepare annual end-of-year Environmental Report detailing environmental performance to date against objectives and targets, priority environmental matters, ongoing legal obligations, interaction with regulatory authorities, and submit to Senior Management for review and consideration.	Environmental Consultant	07/07		

No.	ACTION REQUIRED	RESPONSIBILITY	DUE DATE	CLOSE-OUT	
				DATE	BY
232	Conduct an audit (internal or third party) of compliance with Environmental Licence Conditions prior to development of Environmental Management Programme 2008 – 2009. Close out all action items from internal licence audit conducted in August 2002.	Corporate Services Manager / Environmental Consultant	06/07		
233	Update the Action Close Out Database with new action items in Environmental Management Program 2007 – 2008.	Environmental Consultant	07/07		
234	Conduct an internal audit of Environmental Management Program 2007-2008 implementation before reporting to senior management detailing performance to date.	Corporate Services Manager / Environmental Consultant	06/08		
235	Prepare Environmental Management Program 2008-2009 , including review of priority environmental issues, adequacy of control practices and documented procedures.	Environmental Consultant	06/08		
236	Report to senior management on performance against the Environmental Management Program 2007-2008, and submit draft Environmental Management Program for 2008-2009.	Corporate Services Manager / Environmental Consultant	06/08		
237	Senior management to review environmental performance for 2007-2008 and review and approve proposed Environmental Management Program 2008-2009.	Chief Executive Officer	06/08		
Training					
116	Repeat Environmental Awareness Training ENV1 to supervisors that have not yet received the training.	Training Officer / Environmental Consultant	12/04		

	Esperance Port Authority	Document No.: PG001_2005-2006
	Title: ENVIRONMENTAL MANAGEMENT PROGRAM 2007 - 2008	Revision: 0
	Environmental Noise	Issue Date: 28/06/05
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ENVIRONMENTAL NOISE			
RELEVANT CORPORATE ENVIRONMENTAL POLICIES	<ul style="list-style-type: none"> Ensure that the environmental and social values of Esperance are protected. Ensure that environmental protection measures are integrated into overall activities at the Port, subject to practicality and environmental justification. 		
OBJECTIVES	<ul style="list-style-type: none"> Manage offsite noise due to Port activities to lowest reasonable and practicable levels. Ensure that noise emitted from the Port complies with statutory noise levels. 		
TARGETS	Refer Environmental Protection (Port of Esperance Noise Emissions) Approval 2001 - Schedule 2 for noise limits for 2007 - 2008.		
ACCOUNTABILITY	Chief Executive Officer	NEXT REVISION DATE	June 2008

NO.	ACTION REQUIRED	RESPONSIBILITY	DUE DATE	CLOSE-OUT	
				DATE	BY
66	Consider the purchase of Lot 14 Bostock Street to avoid the construction of a noise sensitive premise, to ensure compliance with Schedule 1 of Regulation 17 Approval (refer Herring Storer Acoustics, Environmental Noise Report 2001, Section 5.3.5).	Chief Executive Officer	ongoing	Transferred to next year's program	
238	Engage consultant to conduct annual environmental noise monitoring and issue Regulation 17 Compliance Verification Reports (refer Environmental Protection (Port of Esperance Noise Emissions) Approval 2001 and Ministerial Statement 681, Proponent Commitment 12.2)	Environmental Consultant	01/08		
239	Follow up with DEC re: Regulation 17 Noise Approval Application, submitted June 2004	Environmental Consultant	07/07		


	Esperance Port Authority	Document No.: PG001_2005-2006
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	Marine Environment	Issue Date: 28/06/05
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MARINE ENVIRONMENT			
RELEVANT CORPORATE ENVIRONMENTAL POLICIES	<ul style="list-style-type: none"> Ensure that the environmental and social values of Esperance are protected. Ensure that community expectations are considered in the management of Port Operations. Ensure that environmental protection measures are integrated into overall activities at the Port, subject to practicality and environmental justification. 		
OBJECTIVES	Control and monitor potential adverse impacts of Port development and operations in relation to; <ul style="list-style-type: none"> coastal sediment drift, accretion and erosion processes; seagrass distribution and health within the Port's Seagrass Management Unit; foreign marine species introduced by ships; oil spill contingency planning and response; and contamination of sediment and waters through leaching, run-off and spills. 		
TARGETS	<ul style="list-style-type: none"> Marine sediment quality adjacent outside inner harbour not to exceed levels of 21 mg/kg Nickel and 50 mg/kg Lead. 		
ACCOUNTABILITY	Chief Executive Officer	NEXT DATE	REVISION June 2008

No.	ACTION REQUIRED	RESPONSIBILITY	DUE DATE	CLOSE-OUT	
				DATE	BY
Coastal Processes and Littoral Drift					
220	Review and update Esperance Beach Management Action Plan – Tables 1 and 2.	Environmental Consultant	12/06		
Seagrass					
240	Obtain aerial photos of sand halo and engage Oceanica to prepare summary report. Submit report to DoE. (refer Ministerial Statement 681, Condition 7.4).	Environmental Consultant	11/07		
Introduced Marine Species					
241	Investigate best practice for introduced marine species monitoring.	Environmental Consultant	12/07		
Marine Sediment Quality					
242	Conduct annual marine sediment monitoring.	Environmental Consultant	09/06		

	Esperance Port Authority	Document No.: PG001_2005-2006
	Title: ENVIRONMENTAL MANAGEMENT PROGRAM 2007 - 2008 Odour	Revision: 0 Issue Date: 28/06/05 Page: 8 of 11 Reference: PL009

ODOUR					
RELEVANT CORPORATE ENVIRONMENTAL POLICIES	<ul style="list-style-type: none"> Ensure that the environmental and social values of Esperance are protected. Ensure that community expectations are considered in the management of Port Operations. Ensure that environmental protection measures are integrated into overall activities at the Port, subject to practicality and environmental justification. 				
OBJECTIVES	To the extent feasible, minimise the generation of odours from activities conducted at the Port so that odour does not impact the wellbeing, health or amenity of persons beyond the premise boundary.				
TARGETS	<ul style="list-style-type: none"> No more than 4 odour events generating offsite complaint. 				
ACCOUNTABILITY	Chief Executive Officer	NEXT REVISION DATE	June 2008		
No.	ACTION REQUIRED	RESPONSIBILITY	DUE DATE	CLOSE-OUT	
				DATE	BY
202	Determine need for replacement of carbon bed in carbon scrubber unit	Port Ventilation Officer	08/05		

 <p style="text-align: center;">Esperance Port Authority</p> <p style="text-align: center;">Title: ENVIRONMENTAL MANAGEMENT PROGRAM 2007 - 2008</p>	Document No.:	PG001_2005-2006
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OTHER EMISSIONS					
RELEVANT CORPORATE ENVIRONMENTAL POLICIES	<ul style="list-style-type: none"> Ensure that the environmental and social values of Esperance are protected. Ensure that community expectations are considered in the management of Port Operations. Ensure that environmental protection measures are integrated into overall activities at the Port, subject to practicality and environmental justification. 				
OBJECTIVES	Manage Port facilities and operations to control and minimise, as far practical, emissions to the environment during routine operations and unplanned events.				
TARGETS	Achieve 100% completion of the stated actions below.				
ACCOUNTABILITY	Chief Executive Officer	<table border="1" style="width: 100%;"> <tr> <td style="width: 33%;">NEXT DATE</td> <td style="width: 33%;">REVISION</td> <td style="width: 33%;">June 2008</td> </tr> </table>	NEXT DATE	REVISION	June 2008
NEXT DATE	REVISION	June 2008			

NO.	ACTION REQUIRED	RESPONSIBILITY	DUE DATE	CLOSE-OUT	
				DATE	BY
Atmospheric Discharges					
243	Prepare and lodge 2006-2007 NPI Report.	Environmental Consultant	09/07		
Liquid Discharges					
98	Investigate contamination risk associated with buried petroleum transfer pipeline extending offsite.	Chief Executive Officer	01/07/02		
180	Complete improvement to run-off control at Berth 2 including concrete bunding and drainage piping under berth.	Port Engineer	31/12/04		

Explanatory Notes:

- Item numbers 1 – 100 have been retained from the Environmental Management Program 2001 – 2002 to enable correlation with numbers used in the Esperance Port Authority Action Close Out Database. Item numbers 101 – 125 have been retained from the Environmental Management Program 2002 – 2003. Item number 126 – 154 have been retained from the Environmental Management Program 2003 – 2004. Item numbers 155 – 180 have been retained from the Environmental Management Program 2004 – 2005. Item numbers 181 – 203 have been retained from the Environmental Management Program 2005-2006. Item numbers 204 – 223 have been retained from the Environmental Management Program 2006 – 2007.
- A reference from the UK Department of Environment, Transport and the Regions cites guideline values for particularly unsightly dust (eg. black coal dust) of 80 mg/m²/day (i.e. 2,400 mg/m²/month). The Port has adopted the criterion of 2,400 mg/m²/month as the 'not to be exceeded' target.

Abbreviations:

BC - Bill Cutten, Corporate Services Manager, Esperance Port Authority
 CS - Colin Stewart, Chief Executive Officer, Esperance Port Authority
 AM - Andreas Maier, Ventilation Officer, Esperance Port Authority
 RG - Richard Grant, Community Relations Manager, Esperance Port Authority
 BG - Brant Grundy, Port Operations Manager
 DJ - Dave Jamieson, Port Shipping Support Officer
 SG - Shelley Grasty, Environmental Consultant

Program Approved: _____

Chief Executive Officer

Date