



NSW GOVERNMENT
Department of Planning

**Manufacturing & Rural Industries
Major Development Assessment**
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Ms Ruth Kelly
Principal Environmental Consultant
ENSR Australia Pty Ltd
PO Box 73
HUNTER REGION MC NSW 2310

Our ref: S08/00680

Dear Ms Kelly

**Director-General's Requirements
LOREX Lube Oil Re-refining Project
Application Number: 08_0122**

The Department has received your application for the Lorex Lube Oil Re-refining Project.

I have attached a copy of the Director-General's requirements for the project. These requirements have been prepared in consultation with the relevant agencies, and are based on the information you have provided to date. I have also attached a copy of the agencies comments for your information.

Please note that the Director-General may alter these requirements at any time.

If your proposal is likely to have a significant impact on matters of National Environmental Significance, it will require an approval under the Commonwealth *Environment Protection Biodiversity Conservation Act 1999* (EPBC Act). This approval is in addition to any approvals required under NSW legislation. It is your responsibility to contact the Department of Environment, Water, Heritage and the Arts in Canberra (6274 1111 or <http://www.environment.gov.au>) to determine if the proposal requires an approval under the EPBC Act. The Commonwealth Government has accredited the NSW environmental assessment process, so if it is determined that an approval is required under the EPBC Act, please contact me immediately as supplementary Director-General's requirements may need to be issued.

I would appreciate it if you would contact the Department at least two weeks before you propose to submit your Environmental Assessment for the project. This will enable the Department to determine the:

- applicable fee (see Division 1A, Part 15 of the Environmental Planning and Assessment Regulation 2000);
- consultation and public exhibition arrangements; and
- number of copies (hard-copy or CD-ROM) of the Environmental Assessment that will be required for exhibition purposes.

Once it receives the Environmental Assessment, the Department will review it in consultation with the relevant agencies to determine if it adequately addresses the Director-General's requirements, and may require you to revise it prior to public exhibition.

The Department is required to make all the relevant information associated with the project publicly available on its website. Consequently, I would appreciate it if you would ensure that all the documents you subsequently submit to the Department are in a suitable format for the web, and arrange for an electronic version of the Environmental Assessment to be hosted on a suitable website during the exhibition period.

If you have any enquiries about these requirements, please contact Jacqueline Ingham.

Yours sincerely

A handwritten signature in black ink, appearing to read 'Chris Wilson', with a large, stylized loop at the end.

17.7.08

Chris Wilson
Executive Director
Major Project Assessment
As delegate for the Director-General

Director-General's Requirements

Section 75F of the *Environmental Planning and Assessment Act 1979*

Application number	08_0122
Project	Construction and operation of a lube oil re-refining facility processing up to 100ML per annum of used oil, and associated infrastructure.
Location	71 Raven Street, Kooragang (Lot 3 DP 858206)
Proponent	Lube Oil Re-refining and Exchange Pty Ltd
Date of Issue	July 2008
General Requirements	The Environmental Assessment of the project must include: • an executive summary; • a detailed description of the project, including the: – need for the project; – alternatives considered, including a justification for the proposed facility; – likely staging of the project; and – plans of any proposed building works and infrastructure connections; • a risk assessment of the potential environmental impacts of the project, identifying the key issues for further assessment; • a detailed assessment of the key issues specified below, and any other significant issues identified in the risk assessment (see above), which includes: – a description of the existing environment, using sufficient baseline data; – an assessment of the potential impacts of all stages of the project, including any cumulative impacts, taking into consideration any relevant statutory provisions and technical or policy guidelines (see below); – a description of the measures that would be implemented to avoid, minimise, mitigate, rehabilitate/remediate, monitor and/or offset the potential impacts of the project, including detailed contingency plans for managing any potential significant risks to the environment; • a statement of commitments, outlining all the proposed environmental management and monitoring measures; • a conclusion justifying the project on economic, social and environmental grounds, taking into consideration whether the project is consistent with the objects of the <i>Environmental Planning and Assessment Act 1979</i>; • a signed statement from the author of the Environmental Assessment certifying that the information contained in the report is neither false nor misleading.
Key Issues	• Air Quality– including dust and volatile organic compound emissions from the site and sea transport; and control measures; • Odour – including odour impacts from all operational sources at the nearest sensitive receivers; and control measures; • Greenhouse Gas – including: – a quantitative assessment of the potential scope 1, 2 and 3 greenhouse gas emissions of the project, and qualitative assessment of the potential impacts of these emissions on the environment; – a detailed description of the measures that would be implemented to ensure that the project is energy efficient; • Soil and Water – including site water balance; details of potential soil, surface and groundwater impacts; potential soil contamination, acid sulphate soil and groundwater contamination and management measures; details of proposed erosion and sedimentation controls and site water and

	stormwater management; pollution controls including measures to avoid spillage into Hunter River; potential impacts from projected sea level rises; and wastewater management; • Noise – including construction, operation and road and shipping noise; • Transport – including details of traffic types and volumes to be generated; predicted impacts on road safety and capacity of road network including Tourle Street Bridge; details of site accesses, internal roads and parking; and measures to maximise sea transport; • Hazards and Risk – including a Preliminary Hazard Analysis (PHA); details of the receipt, transfer and storage of oil and chemicals; and detailed assessment of the potential off-site risks; • Visual; • Waste – including the accurate estimates of the quantity and classification of all potential sources of liquid and non-liquid waste to be generated by the project and how this waste would be handled, processed and, if necessary, disposed of; • Heritage – including indigenous heritage impacts; and • Flora and fauna – including impacts on critical habitats, threatened species, populations, ecological communities and native vegetation.
References	While not exhaustive, the following attachment contains a list of the guidelines, policies, and plans that may be relevant to the project.
Consultation	During the preparation of the Environmental Assessment, you should consult with the relevant local, State or Commonwealth government authorities, service providers, community groups or affected landowners. In particular you must consult with: • Department of Environment and Climate Change; • Department of Water and Energy; • Roads and Traffic Authority; • NSW Maritime; • Newcastle Port Corporation; and • Newcastle City Council. The consultation process and the issues raised must be described in the Environmental Assessment.
Deemed refusal period	60 days

Technical and Policy Guidelines

Aspect	Policy /Methodology
Risk Assessment	AS/NZS 4360:2004 Risk Management (Standards Australia) HB 203:2006 Environmental Risk Management – Principles & Process (Standards Australia)
Air Quality	Protection of the Environment Operations (Clean Air) Regulation 2002
<i>Air Emissions</i>	Approved Methods for the Modelling and Assessment of Air Pollutants in NSW (DEC) Approved Methods for the Sampling and Analysis of Air Pollutants in NSW (DEC)
Odour	
<i>Odour</i>	Technical Framework: Assessment and Management of Odour from Stationary Sources in NSW (DEC) Technical Notes: Assessment and Management of Odour from Stationary Sources in NSW (DEC)
Greenhouse Gas	National Greenhouse Accounts (NGA) Factors Guidelines for Energy Savings Action Plans (DEUS)
Soil and Water	
<i>Coastal</i>	NSW Coastal Policy (NSW Government 1997) State Environmental Planning Policy No 71 - Coastal Protection Floodplain Risk Management Guideline - Practical Consideration of Climate Change (DECC)
<i>Surface Water</i>	National Water Quality Management Strategy: Water quality management - an outline of the policies (ANZECC/ARMCANZ) National Water Quality Management Strategy: Policies and principles - a reference document (ANZECC/ARMCANZ) National Water Quality Management Strategy: Implementation guidelines (ANZECC/ARMCANZ) National Water Quality Management Strategy: Australian Guidelines for Fresh and Marine Water Quality (ANZECC/ARMCANZ) National Water Quality Management Strategy: Australian Guidelines for Water Quality Monitoring and Reporting (ANZECC/ARMCANZ) Bunding and Spill Management (EPA) Approved Methods for the Sampling and Analysis of Water Pollutants in NSW (DEC) Using the ANZECC Guideline and Water Quality Objectives in NSW (DEC) The NSW State Rivers and Estuaries Policy (NSW Water Resources Council)
<i>Groundwater</i>	National Water Quality Management Strategy Guidelines for Groundwater Protection in Australia (ARMCANZ/ANZECC) NSW State Groundwater Policy Framework Document (DLWC) NSW State Groundwater Quality Protection Policy (DLWC) NSW State Groundwater Quantity Management Policy (DLWC) Draft The NSW State Groundwater Dependent Ecosystem Policy (DLWC)
<i>Acid Sulfate Soils Contamination</i>	Acid Sulfate Soil Manual (ASSMAC) State Environmental Planning Policy No 55 - Remediation of Land Australian and New Zealand Guidelines for the Assessment and Management of Contaminated Sites (ANZECC & NHMRC) National Environment Protection (Assessment of Site Contamination) Measure 1999 (NEPC) Managing Land Contamination - Planning Guidelines SEPP 55 – Remediation of Land (DUAP and EPA) Contaminated Sites: Sampling Design Guidelines (NSW EPA) Contaminated Sites: Guidelines for Consultants Reporting on Contaminated Sites (NSW EPA)

	Guidelines for the Assessment and Management of Groundwater Contamination (DECC) Draft
<i>Erosion and Sediment</i>	Managing Urban Stormwater: Soils & Construction (Landcom)
	Design Manual for Soil Conservation Works - Technical Handbook No. 5 (Soil Conservation Service of NSW)
	Soil and Landscape Issues in Environmental Impact Assessment (DLWC)
	Wind Erosion - 2nd Edition (DIPNR)
<i>Stormwater</i>	Managing Urban Stormwater: Strategic Framework. Draft (EPA)
	Managing Urban Stormwater: Council Handbook. Draft (EPA)
	Managing Urban Stormwater: Treatment Techniques (EPA)
	Managing Urban Stormwater: Source Control. Draft (EPA)
	Managing Urban Stormwater: Harvesting and Reuse (DEC)
<i>Wastewater</i>	National Water Quality Management Strategy: Guidelines for Sewerage Systems - Effluent Management (ARMCANZ/ANZECC)
	National Water Quality Management Strategy: Guidelines for Sewerage Systems - Use of Reclaimed Water (ARMCANZ/ANZECC)
	National Water Quality Management Strategy - Guidelines For Water Recycling: Managing Health And Environmental Risks (Phase1) (EPHC, NRMCC & AHMC)
	National Water Quality Management Strategy - Guidelines For Water Recycling: Managing Health And Environmental Risks (Phase1) (EPHC, NRMCC & AHMC)
Noise	
	NSW Industrial Noise Policy (DECC)
	Environmental Criteria for Road Traffic Noise (NSW EPA)
	Environmental Noise Control Manual (DECC)
Transport	
	State Environmental Planning Policy (Infrastructure)
	Guide to Traffic Generating Development (RTA)
	Road Design Guide (RTA)
Hazards and Risk	
	State Environmental Planning Policy No. 33 – Hazardous and Offensive Development
	Applying Sepp 33: Hazardous And Offensive Development Application Guidelines (DUAP)
	Hazardous Industry Planning Advisory Paper No. 6 (HIPAP No 6): <i>Guidelines for Hazardous Analysis</i> , (DUAP)
	Multi-Level Risk Assessment (DUAP)
Visual	
	Control of Obtrusive Effects of Outdoor Lighting (Standards Australia, AS 4282)
Waste	
	State Environmental Planning Policy (Infrastructure)
	Waste Avoidance and Resource Recovery Strategy 2007 - Overview (DECC)
	Waste Avoidance and Resource Recovery Performance Report 2006 (DECC)
Heritage	
<i>Aboriginal</i>	Draft Guidelines for Aboriginal Cultural Heritage Impact Assessment and Community Consultation (DEC)
	Aboriginal Cultural Heritage Standards and Guidelines Kit (NSW EPA)
Flora and Fauna	
	Commonwealth Environmental Protection and Biodiversity Conservation Act 1999 - Guide to implementation in NSW (DoP)
	Environment Protection and Biodiversity Conservation Regulations 2000 (Schedule 4)
	Threatened Biodiversity Survey and Assessment: Guidelines for Developments and Activities. Working Draft (DEC)
	Draft Guidelines for Threatened Species Assessment under Part 3A of the Environmental Planning and Assessment Act 1979 (DEC)