



Planning

Major Projects Assessment

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Doug Dean
Managing Director
Veolia Environmental Services (Aust) Pty Ltd
Level 4, 65 Pirrama Road
PYRMONT NSW 2009

Our ref: Q91/00233

Dear Mr Dean

**The Woodlawn Waste Expansion Project MP10_0012
Director-General's Requirements**

I refer to your application for the Woodlawn Waste Expansion Project at Tarago in the Goulburn Mulwaree and Palerang Local Government Areas.

I have attached a copy of the Director-General's requirements for the project. These requirements have been prepared based on the information you have provided to date..

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

If the project 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. If it is subsequently determined that an approval is required under the EPBC Act, please contact the Department 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 the Environmental Assessment (EA) 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); and
- number of copies (hard-copy or CD-ROM) of the EA that will be required for exhibition purposes.

Once the Department receives the EA, it will review it in consultation with the relevant agencies to determine if it adequately addresses the Director-General's requirements, and may require you 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 EA to be hosted on a suitable website during the assessment process.

If you have any enquiries about these requirements, please contact Felicity Greenway on 9228-6338.

Yours sincerely

DKitto 1/3/10

David Kitto
Director
Mining & Industry
As delegate for the Director-General

Director-General's Requirements

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

Application Number	MP10_0012
Project	<p>The Woodlawn Waste Expansion Project, which includes:</p> <ul style="list-style-type: none"> • increasing the volume of waste received at the Woodlawn Bioreactor from 500,000 tonnes per annum to 1.2 million tonnes per annum; • increasing the volume of waste received at the Crisps Creek Intermodal from 500,000 tonnes per annum to 1,180,000 tonnes per annum; • extending the hours of operation both at the Woodlawn Bioreactor and Crisps Creek Intermodal; and • increasing the equipment, personnel and associated infrastructure.
Location	<p>Tarago in the Goulburn Mulwaree and Palerang Local Government Areas. The site comprises parts of the following land: Lot 19 DP 827588, Lot 25 DP 754919, Lot 30 DP 754919, Lot 88 DP 754919, Lot 91 DP 754919, Lot 1 DP 1045652</p>
Proponent	Veolia Environmental Services
Date of Issue	March 2010
General Requirements	<p>The Environmental Assessment (EA) must include:</p> <ul style="list-style-type: none"> • an executive summary; • a detailed description of the following: <ul style="list-style-type: none"> - historical operations on the site; - existing and approved operations/facilities, including any statutory approvals that apply to these operations/facilities; - an assessment of the compliance of the existing operations against these statutory approvals; and - the existing environmental management and monitoring regime on site; • a detailed description of the project, including: <ul style="list-style-type: none"> - the alternatives considered, including detailed justification for the preferred alternative (ie. the project); and - plans of any proposed building or upgrade works. • 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: <ul style="list-style-type: none"> - 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 laws, policies, guidelines, and plans; and - a description of the measures that would be implemented to avoid, minimise and if necessary, offset the potential impacts of the project including detailed contingency plans for managing any significant risks to the environment; • a summary of the management plans and monitoring programs at the facility, and a description of the proposed changes to these plans/programs to accommodate the proposal; • a statement of commitments, outlining the proposed environmental management and mitigating measures; • a conclusion justifying the project, taking into consideration: the

	<p>suitability of the site; the economic, social and environmental impacts of the project as a whole; and whether it is consistent with the objects of the <i>Environmental Planning and Assessment Act 1979</i>; and</p> <ul style="list-style-type: none"> • a signed statement from the author of the environmental assessment certifying that the information contained in the report is neither false nor misleading.
<p>Key Issues</p>	<ul style="list-style-type: none"> • Waste - including: <ul style="list-style-type: none"> - an analysis of whether there is justifiable demand for the project in accordance with the Infrastructure SEPP; - the measures that would be implemented to ensure that the project is consistent with the aims, objectives, and guidance in the <i>NSW Waste Avoidance and Resource Recovery Strategy 2007</i>, <i>DECCW's Guidelines for Solid Waste Landfills and Composting and Related Organics Processing Facilities</i>; - accurate estimates of quantities, and details of the input rates and nature of waste to be transported and landfilled for both the Woodlawn Bioreactor and Crisps Creek Intermodal facilities; and - details on landfill cell design and integrity. • Air - including a quantitative assessment of the potential air quality impacts of the project. • Odour - including a quantitative assessment of the potential odour impacts of the project; • Greenhouse Gas - including: <ul style="list-style-type: none"> - a quantitative assessment of scope 1,2 and 3 greenhouse gas emissions of the project and a qualitative assessment of the potential impacts of these emissions on the environment; and - an assessment of all reasonable and feasible measures that could be implemented to minimise the generation of greenhouse gas emissions associated with the project. • Traffic and Transport - including: <ul style="list-style-type: none"> - accurate predictions of the traffic volumes likely to be generated during construction and operation; - a detailed assessment of the potential impacts of this traffic on the capacity, efficiency and safety of the surrounding road network; - a detailed assessment of the potential impacts, capacity and efficiency of the rail network and intermodal facility; - details of any proposed road upgrade works; and - details of the proposed access and parking arrangements on site. • Soil and Water - including: <ul style="list-style-type: none"> - details of the proposed erosion and sediment controls (during construction), the stormwater and leachate management system (during operations), flooding, potential offsite drainage impacts, and water supply and efficiency measures; - detailed modelling of the potential surface and groundwater impacts of the project; and - a site water balance for the project, including a description of the measures that would be implemented to minimise water use on site and any water licensing requirements for the project; • Hazards - including a Preliminary Hazard Analysis (PHA) of the project including a detailed assessment of the potential on-site and off-site risks such as; <ul style="list-style-type: none"> - fire risk and management - from gases produced by land filling; - from the storage of any hazardous materials; and - details of procedures for the assessment, handling, storage, transport and disposal of all hazardous and dangerous materials at the site; • Rehabilitation and Final Landform - including <ul style="list-style-type: none"> - detailed description (including plans and RLs) of how the site

	<p>would be progressively rehabilitated and integrated into the surrounding landscape.</p> <ul style="list-style-type: none"> • Noise - including a quantitative assessment of the potential construction, operational and traffic noise impacts of the project; and • Social and economic - including an assessment of the costs and benefits of the project as a whole and whether it would result in a net benefit to the NSW community.
References	The Environmental Assessment must take into account relevant State government technical and policy guidelines. While not exhaustive, guidelines which may be relevant to the project are included in the attached list.
Consultation	<p>During the preparation of the Environmental Assessment, you should consult with the relevant local, State and Commonwealth government authorities, service providers, community groups and affected landowners.</p> <p>In particular you must consult with:</p> <ul style="list-style-type: none"> • Department of Environment, Climate Change and Water; • Roads and Traffic Authority; • Goulburn Mulwaree Council; and • Palerang Council.
Deemed Refusal Period	90 days

Guidelines, Policies and Plans

Aspect	Policy/Methodology
Waste	Waste Avoidance and Resource Recovery Strategy 2007 (DECC)
	Waste Classification Guidelines (DECC)
	Environmental Guidelines: Solid Waste Landfills 1996 (DECC)
	Environmental Guidelines: Composting and Related Organics Processing Facilities (2004)
	Composts, soil conditioners and mulches (Standards Australia, AS 4454)
	State Environmental Planning Policy (Infrastructure) 2007
Air Quality	Protection of the Environment Operations (Clean Air) Regulation 2002
	Approved Methods and Guidance 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	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 2008
	Guidelines for Energy Savings Action Plans (DEUS)
Traffic and Transport	Guide to Traffic Generating Development (RTA)
	Road Design Guide (RTA)
Soil and Water	Acid Sulfate Soil Manual (ASSMAC)
	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)
	State Environmental Planning Policy No. 55 – Remediation of Land
	Managing Land Contamination - Planning Guidelines SEPP 55 – Remediation of Land (DUAP and EPA)
	Rural Land Capability Mapping
	Agricultural Land Classification
Surface Water	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)
	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, NRMMC & AHMC)
	Using the ANZECC Guideline and Water Quality Objectives in NSW (DEC)
	National Water Quality Management Strategy - Guidelines For Water Recycling: Managing Health And Environmental Risks (Phase1) (EPHC, NRMMC & AHMC)
	Managing Urban Stormwater: Treatment Techniques (EPA)
	Managing Urban Stormwater: Source Control. Draft (EPA)
	Managing Urban Stormwater: Soils & Construction (Landcom)
	Approved Methods for the Sampling and Analysis of Water Pollutants in NSW (DEC)
	NSW State Wetlands Management Policy (DWE)
	NSW State Floodplain Management Manual (DWE)
	NSW State Farm Dams Policy (DIPNR)
	Floodplain Risk Management Guideline: Practical Consideration of Climate Change (DECC)
	Technical Guidelines: Bunding & Spill Management (DECC)
	Environmental Guidelines: Use of Effluent by Irrigation (DECC)
<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)
	NSW State Groundwater Dependent Ecosystem Policy(DLWC)
	Murray-Darling Basin Commission. Groundwater Flow Modelling Guideline (Aquaterra Consulting Pty Ltd)
	Guidelines for the Assessment and Management of Groundwater Contamination (DECC) Draft
Hazards and Risks	
	AS/NZS 4360:2004 Risk Management (Standards Australia)
	HB 203: 203:2006 Environmental Risk Management – Principles & Process (Standards Australia)
	State Environmental Planning Policy No 33– Hazardous and Offensive Development (SEPP 33)
	Applying SEPP 33: Hazardous And Offensive Development Application Guidelines (DUAP)
	Planning Advisory Paper No. 6 – Guidelines for Hazardous Analysis (DUAP)
	Planning Advisory Paper No. 4 – Risk Criteria for Land Use Safety Planning (DUAP)
	Planning for Bush Fire Protection (NSW Rural Fire Service)
Noise	
	NSW Industrial Noise Policy (DECC)
	Environmental Criteria for Road Traffic Noise (NSW EPA)
	Environmental Noise Control Manual (DECC)
	Draft Construction Noise Guideline 2008 (DECC)
Social & Economic	
	Draft Economic Evaluation in Environmental Impact Assessment (DOP)
	Techniques for Effective Social Impact Assessment: A Practical Guide (Office of Social Policy, NSW Government Social Policy Directorate)