



Planning & Infrastructure

Ms Christine Hodgkiss
Senior Project Manager
Veolia Environmental Services (Australia) Pty Ltd
PO Box 885
MASCOT NSW 2020

Contact: Kerry Hamann
Phone: 02 9228 6413
Fax: 02 9228 6466
Email: kerry.hamann@planning.nsw.gov.au

Our ref: SSD-4964
File: 11/19080

Dear Ms Hodgkiss

State Significant Development – Director-General's Requirements Veolia Material Recycling Facility, Camellia (SSD-4964)

I have attached the *revised* Director-General's environmental assessment requirements (DGRs) for the proposed Material Recycling Facility at Camellia.

These requirements are based on the information you have provided to date. A copy of agencies' comments has already been provided to you for your information. Please note that the Department may alter these requirements at any time, and that you must consult further with the Department if you do not lodge a development application and EIS for the project within two years of the date of issue of these DGRs. The Department will review the EIS for the project carefully before putting it on public exhibition, and will require you to submit an amended EIS if it does not adequately address the DGRs.

Your project may require separate approval under the *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act). If so, the EPBC approval process may be integrated into the NSW approval process. The Department is aware that the project is not yet declared to be a controlled action under the EPBC Act. However, if the project is subsequently declared to be a controlled action, I would appreciate it if you would advise the Department accordingly.

I would appreciate it if you would contact the Department at least two weeks before you propose to submit the development application and EIS for your project. This will enable the Department to:

- confirm the applicable fee (see Division 1AA, Part 15 of the *Environmental Planning and Assessment Regulation 2000*); and
- determine the number of copies (hard-copy and CD-ROM) of the EIS required for review.

If you have any enquiries about these requirements, please contact Kerry Hamann on 02 9228 6413 or via email at kerry.hamann@planning.nsw.gov.au

Yours sincerely

17.2.12

Chris Wilson
Executive Director
Major Projects Assessment
as delegate of the Director-General

Director General's Environmental Assessment Requirements

Section 78A(8A) of the *Environmental Planning and Assessment Act*

State Significant Development

Application Number	SSD 4964
Development	Construction and operation of a Material Recycling Facility (MRF) at Camellia which includes: • a fully enclosed building with the capacity to process up to 200,000 tonnes per annum of non-putrescible waste predominantly from the commercial and industrial waste stream; • ancillary fit-out including an outgoing weighbridge; and • utilisation of existing infrastructure such as an incoming weighbridge, workshop and some stormwater infrastructure.
Location	37 Grand Avenue, Camellia, Lot 2 DP 539890, Parramatta Local Government Area
Proponent	Veolia Environmental Services (Australia) Pty Ltd
Date of Issue	February 2012
General Requirements	The Environmental Impact Statement (EIS) must include: • the minimum form and content requirements in clauses 6 and 7 of Schedule 2 of the <i>Environmental Planning and Assessment Regulation 2000</i>; and In addition, the EIS must include a: • detailed description of the development, including: – need for the proposed development; – justification for the proposed development; – likely staging of the development - including construction, and operational stage/s; – likely interactions between the development and existing, approved and proposed operations in the vicinity of the site; – plans of any proposed building works; • consideration of all relevant environmental planning instruments, including identification and justification of any inconsistencies with these instruments; • risk assessment of the potential environmental impacts of the development, identifying the key issues for further assessment; • detailed assessment of the key issues specified below, and any other significant issues identified in this risk assessment, which includes: – a description of the existing environment, <u>using sufficient baseline data</u>; – an assessment of the potential impacts of all stages of the development, including any cumulative impacts, taking into consideration relevant guidelines, policies, plans and statutes; and – a description of the measures that would be implemented to avoid, minimise and if necessary, offset the potential impacts of

	the development, including proposals for adaptive management and/or contingency plans to manage any significant risks to the environment; and consolidated summary of all the proposed environmental management and monitoring measures, highlighting commitments included in the EIS.
Key Issues	The EIS must address the following specific matters: Waste Management – including: - identify, classify and quantify the likely waste streams that would be handled/stored/disposed of at the facility; - describe how this waste would be stored and handled on site, and transported to and from the site including waste sources; - describe the MRF technology, time frames for processing waste and the quality control measures that would be implemented; - detail how the proposed MRF would operate in conjunction with the existing liquid waste treatment plant; and - detail the potential impacts associated with treating, storing, using and disposing of this waste and waste products. Contamination – including: - characterisation of the nature and extent of contaminated material and groundwater on the site and surrounding area; - details of remediation that has occurred to date and associated management measures and plans; - a geotechnical assessment of the potential for subsidence within the fill material on the construction of the facility, and potential construction impacts on the integrity of the existing capping layer; - a Remedial Action Plan, including management measures and a site validation plan; and - detailed measures addressing the disposal of any contaminated material disturbed during construction. Traffic and Transport – including: - predictions of the traffic volumes likely to be generated during construction and operation; - an assessment of the impacts of this traffic on the safety, capacity and efficiency of the surrounding road network; - modelling of key intersections as specified by the Roads and Maritime Services (including any nearby existing or proposed developments) and details of truck routes; - detailed assessment on the need for upgrading or road improvement works; - details of the availability of non-car travel modes and measures to encourage greater use of these travel modes; and - access and parking. Air Quality – including a quantitative assessment of the potential air quality and odour impacts for the development on surrounding landowners. Noise – including: - construction, operation and traffic noise; - offsite road noise impacts; and - reasonable and feasible mitigation measures, including evidence that there are no such measures available other than those proposed; and

	- monitoring and management measures, in particular real-time and attended noise monitoring. • Soil & Water – including: - a detailed water balance for the development, outlining the measures to minimise water use and any potential for a sustainable water supply and; - wastewater predictions, and the measures that would be implemented to treat, reuse and/or dispose of this water; - the proposed erosion and sediment controls during construction; - the proposed stormwater management system; and - consideration of the potential salinity, contamination, flooding and acid sulfate soil impacts of the development. • Hazards – including: - a Preliminary Hazard Analysis (PHA) of the development; and - an assessment of the potential fire risks of the development. • Greenhouse Gas – including: - a quantitative assessment of the potential scope 1 and 2 greenhouse gas emissions of the development, and a qualitative assessment of the potential impacts of these emissions on the environment; - a detailed description of the measure that would be implemented on site to ensure that the development is energy efficient. • Visual – including; - an assessment of the potential visual impacts of the development on the amenity of the surrounding area; and - a detailed description of the measures that would be implemented to minimise the visual impacts of the development, including the design features, landscaping and measures to minimise the lighting and signage impacts of the development. • Socio-Economic – including a comprehensive assessment of the potential economic and social impacts of the development, demonstrating that it would have a net benefit for the community, paying particular attention to the potential impacts of the development on waste minimisation and resource recovery in the region. • Statutory – a consideration of the proposal against all relevant planning instruments including, but not limited to the <i>Parramatta Local Environment Plan 2011</i>.
Plans and Documents	The EIS must include all relevant plans, architectural drawings, diagrams and relevant documentation required under Schedule 1 of the <i>Environmental Planning and Assessment Regulation 2000</i>. These documents should be included as part of the EIS rather than as separate documents.
Consultation	During the preparation of the EIS, you must consult with the relevant local, State or Commonwealth Government authorities, service providers, community groups and affected landowners. In particular you must consult with: • Commonwealth Department of Sustainability, Environment, Water, Population and Communities; • Office of Environment and Heritage; • Environment Protection Authority;

	• Department of Trade and Investment, Regional Infrastructure and Services; • Department of Primary Industries (including the NSW Office of Water); • Transport for NSW (including the Centre for Transport Planning, Roads and Maritime Services); and • Parramatta City Council. The EIS must describe the consultation process and the issues raised, and identify where the design of the development has been amended in response to these issues. Where amendments have not been made to address an issue, a short explanation should be provided.
Further consultation after 2 years	If you do not lodge an EIS for the development within 2 years of the issue date of these DGRs, you must consult with the Director-General in relation to the requirements for lodgement.
References	The assessment of the key issues listed above must take into account relevant guidelines, policies, and plans as identified. While not exhaustive, Attachment 1 contains a list of some of the guidelines, policies, and plans that may be relevant to the environmental assessment of this development.

ATTACHMENT 1

Technical and Policy Guidelines

The following guidelines may assist in the preparation of the Environmental Impact Statement. This list is not exhaustive and not all of these guidelines may be relevant to your proposal.

Many of these documents can be found on the following websites:

<http://www.planning.nsw.gov.au>

<http://www.bookshop.nsw.gov.au>

<http://www.publications.gov.au>

Policies, Guidelines & Plans

Aspect	Policy /Methodology
Risk Assessment	AS/NZS 4360:2004 Risk Management (Standards Australia) HB 203: 203:2006 Environmental Risk Management – Principles & Process (Standards Australia)
Waste	Waste Avoidance and Resource Recovery Strategy 2007 (DECC) Waste Classification Guidelines (DECC) Environmental Guidelines: Assessment Classification and Management of Non-Liquid and Liquid Waste (NSW EPA) Environmental guidelines: Composting and Related Organics Processing Facilities (DEC) Environmental guidelines: Use and Disposal of Biosolid Products (NSW EPA) Composts, soil conditioners and mulches (Standards Australia, AS 4454)
Soil and Water	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)
Soil	Draft Guidelines for the Assessment & Management of Groundwater Contamination (DECC) State Environmental Planning Policy No. 55 – Remediation of Land Managing Land Contamination – Planning Guidelines SEPP 55 – Remediation of Land (DOP)
Surface Water	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)

	Using the ANZECC Guideline and Water Quality Objectives in NSW (DEC)
	State Water Management Outcomes Plan
	NSW Government Water Quality and River Flow Environmental Objectives (DECC)
	Approved Methods for the Sampling and Analysis of Water Pollutants in NSW (DEC)
	Greater Metropolitan Regional Environmental Plan No. 2 – Georges River Catchment
	Managing Urban Stormwater: Soils & Construction (Landcom)
	Managing Urban Stormwater: Treatment Techniques (DECC)
	Managing Urban Stormwater: Source Control (DECC)
	Technical Guidelines: Bunding & Spill Management (DECC)
	Floodplain Development Manual (DIPNR)
	Floodplain Risk Management Guideline (DECC)
	A Rehabilitation Manual for Australian Streams (LWRRDC and CRCCH)
	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) Draft
	Guidelines for the Assessment and Management of Groundwater Contamination (DECC)
Air Quality	
	Protection of the Environment Operations (Clean Air) Regulation 2002
	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	
	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	
	AGO Factors and Methods Workbook (AGO)
	Guidelines for Energy Savings Action Plans (DEUS, 2005)
Transport	
	Guide to Traffic Generating Development (RTA)
	Road Design Guide (RTA)
Noise	
	NSW Industrial Noise Policy (DECC)
	Environmental Noise Management – Assessing Vibration: a technical guide (DEC)
	Environmental Criteria for Road Traffic Noise (NSW EPA)
	Environmental Noise Control Manual (DECC)
Hazards	
	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 – Guidelines for Hazard Analysis

Visual

Control of Obtrusive Effects of Outdoor Lighting (Standards Australia, AS 4282)

State Environmental Planning Policy No 64 - Advertising and Signage

Biodiversity

Threatened Species Survey and Assessment Guidelines: Field Survey Methods for Fauna – Amphibians (DECCW 2009)

Threatened Biodiversity Survey and Assessment: Guidelines for Developments and Activities – Working Draft (DECC 2004)

Guidelines for Threatened Species Assessment (DoP 2005)

The Threatened Species Assessment Guideline – The Assessment of Significance (DECC 2007)

NSW State Groundwater Dependent Ecosystem Policy (DLWC)

Policy & Guidelines - Aquatic Habitat Management and Fish Conservation (NSW Fisheries)

State Environmental Planning Policy No. 44 – Koala Habitat Protection

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)

ATTACHMENT 2
Agency Input into Key Assessment Issues