



NSW GOVERNMENT

## Department of Planning

Contact: Paula Tomkins  
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Our ref: 08\_0145  
Your ref:

Mr S Connelly  
S J Connelly CPP Pty Ltd  
PO Box 538  
LENNOX HEAD NSW 2478

Dear Mr Connelly

**Subject: Residential Subdivision, Reservoir Site, Lennox Head (08\_0145)**

The Department has received your application for the proposed residential subdivision of the 'Reservoir Site' in Lennox Head (08\_0145).

The Director-General's Environmental Assessment Requirements (DGRs) for the environmental assessment of the project application are attached to this correspondence at **Attachment 1**. These requirements have been prepared in consultation with the relevant government agencies including council.

**Attachment 2** lists the relevant plans and documents which will be required upon submission of your proposal.

It should be noted that the DGRs have been prepared based on the information provided to date. Under section 75F(3) of the Act, the Director-General may alter or supplement these requirements if necessary and in light of any additional information that may be provided prior to the proponent seeking approval for the project.

If the Environmental Assessment (EA) is not exhibited within 2 years of the date of issue of these requirements, you should consult further with the Director-General in relation to the preparation of the EA.

Please contact the Department at least two weeks before you propose to submit the EA for the project to determine:

- the fees applicable to the application. Note that you will need to provide a signed statement from a Quantity Surveyor to verify the capital investment value of the project;
- consultation and public exhibition arrangements that will apply; and
- number and format (hard-copy or CD-ROM) of the EA that will be required.

A list of some relevant technical and policy guidelines which may assist in the preparation of the EA are attached at **Attachment 3**.

Prior to exhibiting the EA, the Department will review the document to determine if it adequately addresses the DGRs. The Department may consult with other relevant government agencies in making this decision. If the Director-General considers that the EA does not adequately address the DGRs, the Director-General may require the proponent to revise the EA to address the matters notified to the proponent.

Following this review period, the EA will be made publicly available for a minimum period of 30 days.

If your proposal includes any actions that could have a significant impact on matters of National Environmental Significance (NES), it will require an additional approval under the Commonwealth *Environment Protection and 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 Commonwealth Department of the Environment, Water, Heritage and the Arts in Canberra (6274 1111 or <http://www.environment.gov.au>) to determine if the proposal is likely to have a significant impact on matters of NES and would require an approval under the EPBC Act. The Commonwealth Government has accredited the NSW environmental assessment process for assessing any impacts on matters of NES. As a result, if it is determined that an approval is required under the EPBC Act, please contact the Department immediately as supplementary DGRs will need to be issued.

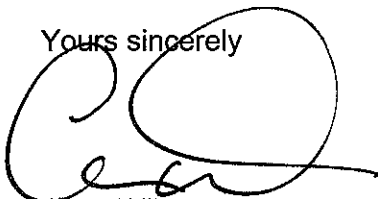
Please note that under section 75U of the Act, Part 3A applications do not require certain permits/approvals required under other legislation. These matters are considered as part of the Part 3A assessment process. For example, Section 87 permits and Section 90 consents under the *National Parks and Wildlife Act 1974* are not required for Part 3A applications. Section 75U applies from the date of issue of the DGRs.

Notwithstanding, the Department still requires an equivalent level of information within the EA as would ordinarily be required for the issue of any such permit/approval to enable an assessment of the relevant works. Please notify the Department should any sub-surface testing be required during the preparation of your EA.

Copies of responses from government agencies to the Department's request for key issues and assessment requirements are enclosed at **Attachment 4**. Please note that these responses have been provided to you for information only and do not form part of the DGRs for the EA.

If you have any queries regarding these requirements, please contact Paula Tomkins on 9228 6397 or email [paula.tomkins@planning.nsw.gov.au](mailto:paula.tomkins@planning.nsw.gov.au).

Yours sincerely



20.5.09

Chris Wilson  
**Executive Director**  
**Major Projects Assessment**  
as delegate for the Director General

# Attachment 1

## Director-General's Environmental Assessment Requirements

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

<b>Application number</b>
MP 08_0145
<b>Project</b>
134 Lot Residential Subdivision
<b>Location</b>
Lot 1 DP 517111 North Creek Road, Lennox Head, Ballina LGA
<b>Proponent</b>
S J Connelly CPP Pty Ltd
<b>Date issued</b>
20 May 2009
<b>General requirements</b>
<p>The Environmental Assessment (EA) for the <b>Project Application</b> must include:</p> <ol style="list-style-type: none"> <li>1. An executive summary;</li> <li>2. A detailed description of the proposal;</li> <li>3. A thorough site analysis including constraints mapping and description of the existing environment;</li> <li>4. Consideration of any relevant statutory and non-statutory provisions and identification of any non-compliances with such provisions, in particular relevant provisions arising from environmental planning instruments, Regional Strategies (including draft Regional Strategies) and Development Control Plans;</li> <li>5. Consideration of the consistency of the project with the objects of the <i>Environmental Planning and Assessment Act 1979</i>;</li> <li>6. Consideration of impacts, if any, on matters of National Environmental Significance under the Commonwealth <i>Environment Protection and Biodiversity Conservation Act 1999</i>;</li> <li>7. An assessment of the potential impacts of the project and a draft Statement of Commitments, outlining environmental management, mitigation and monitoring measures to be implemented to minimise any potential impacts of the project;</li> <li>8. The plans and documents outlined in <b>Attachment 2</b>;</li> <li>9. A signed statement from the author of the Environmental Assessment certifying that the information contained in the report is neither false nor misleading; and</li> <li>10. An assessment of the key issues specified below and a table outlining where in the EA these key issues have been addressed.</li> </ol>
<b>Key Issues</b>
The EA must address the following key issues:
<b>1. Strategic Planning</b>
<ol style="list-style-type: none"> <li>1.1 Ensure that the proposal is consistent with the draft Local Environmental Plan for the site (Amendment 108 to <i>Ballina Local Environmental Plan 1987</i>)</li> <li>1.2 Justify the proposal with reference to relevant local, regional and State planning strategies. Provide justification for any inconsistencies with these planning strategies. Particular consideration should be given to the Lennox Head Structure Plan and Chapter 16 – Lennox</li> </ol>

Head Residential and Tourist Development of the Ballina Combined Development Control Plan.	
<b>2. Subdivision Design, Layout and Desired Future Character</b>	
2.1	Demonstrate the consistency of the proposal with the character of surrounding development including the Lennox Meadows and Pacific Pines Estates, in terms of the locality, street frontage, scale, building envelopes and future built form controls, aesthetics, energy and water efficiency and safety.
2.2	Demonstrate the consistency of the proposed subdivision design and layout with the <i>Coastal Design Guidelines for NSW</i> , <i>NSW Coastal Policy 1997</i> and <i>SEPP 71 – Coastal Protection</i> .
2.3	Identify the type of subdivision proposed across the site ie. community, Torrens, strata. A draft community management statement should be provided if community title is proposed.
2.4	Provide details of potential building envelope, built form and design quality controls and the means for implementing them.
2.5	Provide details of any staging that demonstrates the lots will be released in an orderly and coordinated manner.
2.6	Outline the long-term management and maintenance of any areas of open space or conservation including ownership and control, management and maintenance funding, public access, revegetation and rehabilitation works and bushfire management.
<b>3. Visual Impact</b>	
3.1	Address the visual impact of the proposal in the context of surrounding development and relevant mitigation measures. In particular address impacts on the amenity of the foreshore, overshadowing of public reserves, loss of views from public places (including any loss of views from the surrounding Lennox Meadows and Pacific Pines Estates, the adjoining foreshore area and the Lennox Head village centre) and any associated cumulative impacts.
<b>4. Infrastructure Provision</b>	
4.1	Address existing capacity and requirements of the development for sewerage, water, electricity, waste disposal, telecommunications and gas in consultation with relevant agencies. Identify and describe staging, if any, of infrastructure works.
4.2	Address any impacts the development may have on the existing reservoir adjacent to the site.
4.3	Address and provide the likely scope of any planning agreements and/or development contributions with Council/ Government agencies (including relevant community/state infrastructure contributions).
<b>5. Traffic and Access</b>	
5.1	Prepare a traffic impact study in accordance with Table 2.1 of the RTA's <i>Guide to Traffic Generating Developments</i> specifically addressing the existing and future road network and any proposed changes to North Creek Road, Henderson Lane and Hutley Drive.
<b>6. Hazard Management and Mitigation</b>	
<i>Contamination</i>	
6.1	Identify any contamination on site and appropriate mitigation measures in accordance with the provisions of <i>SEPP 55 – Remediation of Land</i> and Council's Management of Contaminated Land Policy.
<i>Acid Sulfate Soils</i>	
6.2	Identify the presence and extent of acid sulfate soils on the site and, where relevant, appropriate mitigation measures. Identify the need for an Acid Sulfate Management Plan (prepared in accordance with ASSMAC Guidelines).
<i>Bushfire</i>	
6.3	Address the requirements of <i>Planning for Bush Fire Protection 2006</i> (RFS).
<i>Geotechnical</i>	

6.4	Provide an assessment of any geotechnical limitations that may occur on the site and if necessary, appropriate design considerations that address these limitations.
<i>Flooding</i>	
6.5	Provide an assessment of any flood risk on site (for the full range of floods including events greater than the design flood, up to probable maximum flood; and from coastal inundation, catchment based flooding or a combination of the two) and having consideration of any relevant provisions of the <i>NSW Floodplain Development Manual 2005</i> . The assessment should determine: the flood hazard in the area; address the impact of flooding on the proposed development, address the impact of the development (including filling) on flood behaviour of the site and adjacent lands; and address adequate egress and safety in a flood event.
6.6	Assess the potential impacts of sea level rise and an increase in rainfall intensity on the flood regime of the site and adjacent lands with consideration of <i>Practical Consideration of Climate Change – Floodplain Risk Management Guideline (DECC, October 2007)</i> .
<i>Mosquito Management</i>	
6.7	Address the potential impacts of nearby known and suspected mosquito breeding areas for future residents of the development. Include consideration of Chapter 11 of Council's Combined DCP.
<b>7. Water Cycle Management</b>	
7.1	Address and outline measures for Integrated Water Cycle Management (including stormwater) based on Water Sensitive Urban Design principles which addresses impacts on the surrounding environment, drainage and water quality controls for the catchment, and erosion and sedimentation controls at construction and operational stages.
7.2	Prepare a conceptual design layout plan for the preferred stormwater treatment train showing location, size and key functional elements of each part of the system.
7.3	Assess the impacts of the proposal on surface water hydrology and quality during both construction and occupation of the site. In particular, consider any potential water quality impacts in light of SEPP 62 – Sustainable Aquaculture and the location of a priority oyster aquaculture area within 10km of the site.
7.4	Consider the nature and profile of the groundwater regime under the site, including any hydrologic impacts which would affect its depth or water quality, result in increased groundwater discharge, impact on the stability of potential acid sulfate soils in the vicinity, or affect groundwater dependent native vegetation.
<b>8. Heritage and Archaeology</b>	
8.1	Identify whether the site has significance to Aboriginal cultural heritage and identify appropriate measures to preserve any significance. The assessment must address the information and consultation requirements of the draft <i>Guidelines for Aboriginal Cultural Heritage Assessment and Community Consultation</i> (DEC 2005) and <i>Interim Community Consultation Requirements for Applicants</i> (DEC 2004)
8.2	Identify any items of non-indigenous heritage significance and, where relevant, provide measures for the conservation of such items. Heritage Assessment of the non-indigenous heritage values of the site is to be submitted, including any built, archaeological, landscape and moveable items of potential significance. A draft Statement of Heritage Impact is to be submitted detailing and evaluating any impacts that the development concept would have on the non-indigenous heritage significance of the site.
<b>9. Flora and Fauna</b>	
9.1	Assess the potential direct and indirect impacts of the development on flora and fauna taking into consideration impacts on any threatened species, populations, ecological communities and/or critical habitat and any relevant recovery plan in accordance with DECC's <i>Guidelines for Threatened Species Assessment</i> (2005), having particular consideration for Hairy Jointgrass, Subtropical Rainforest and Freshwater Wetlands on Coastal Floodplains EECs. Consider whether there will be any impacts on nearby conservation reserves such as Ballina Nature Reserve and Cape Byron Marine Park. Describe the actions that will be taken to avoid or mitigate impacts or compensate unavoidable impacts, where relevant.

<b>10. Noise</b>	
10.1	Address potential noise impacts, in particular road traffic noise, for future residents and appropriate mitigation measures.
<b>11. Socio-economic Impacts</b>	
11.1	Provide a social impact assessment for the development. Address the social and economic context of the development in terms of infrastructure requirements, public transport, provision of affordable housing, community services and facilities (including schools, medical services and the Lennox Head village commercial centre).
11.2	Consider any impacts on the Ballina Coastal Reserve as a result of increased visitation and recreational use.
<b>Consultation</b>	
<p>You should undertake an appropriate and justified level of consultation with the following agencies during the preparation of the environmental assessment:</p> <p>(a) <i>Agencies or other authorities:</i></p> <ul style="list-style-type: none"> <li>• Ballina Shire Council;</li> <li>• Department of Environment and Climate Change;</li> <li>• Department of Primary Industries;</li> <li>• NSW Rural Fire Service;</li> <li>• Department of Water and Energy;</li> <li>• Roads and Traffic Authority;</li> <li>• Department of Lands;</li> <li>• Northern Rivers Catchment Management Authority;</li> <li>• Jali Local Aboriginal Land Council/s and other Aboriginal community groups; and</li> </ul> <p>(b) <i>Public:</i></p> <p>Document all community consultation undertaken to date or discuss the proposed strategy for undertaking community consultation. This should include any contingencies for addressing any issues arising from the community consultation and an effective communications strategy.</p> <p>The consultation process and the issues raised should be described in the Environmental Assessment.</p>	
<b>Deemed Refusal Period</b>	
60 days	

## Attachment 2

### Plans and Documents to accompany the Application

#### Plans and Documents of the development


The following plans, architectural drawings and diagrams of your proposal as well as the relevant documents will be required to be submitted for your application:

1. The **existing site survey plan** is to be drawn to 1:500 scale (or other appropriate scale) and show:
  - the location of the land, the measurements of the boundaries of the land, the size of the land and north point;
  - the existing levels of the land in relation to buildings and roads;
  - location and height of existing structures on the site; and
  - location and height of adjacent buildings and private open space.
2. An **aerial photograph** of the subject site with the site boundary superimposed.
3. A **Site Analysis Plan** must be provided which identifies existing natural elements of the site (including all hazards and constraints), existing vegetation, property dimensions, footpath crossing levels and alignments, existing pedestrian and vehicular access points and other facilities, slope and topography, natural features such as watercourses, rock outcrops, utility services, boundaries, orientation, view corridors and all structures on neighbouring properties where relevant to the application (including windows, driveways etc.).
4. A **locality/context plan** drawn to 1:500 scale (or other appropriate scale) should be submitted indicating:
  - significant local features such as parks, community facilities and open space, water courses and heritage items;
  - the location and uses of existing buildings, shopping and employment areas;
  - traffic and road patterns, pedestrian routes and public transport nodes; and
  - The existing site plan and locality plan should be supported by a written explanation of the local and site constraints and opportunities revealed through the above documentation.
5. A **zoning plan** must be provided which shows the existing zoning overlaid with the proposed development layout. An extract of the land use table or relevant clauses from the subject LEP is required.
6. **Subdivision plans** are to show the following:-
  - The location, boundary dimensions, site area and north point of the land, and names of roads fronting the land;
  - Title showing the description of the land with lot and DP numbers etc;
  - Existing and proposed subdivision pattern including all measurements and sites areas of existing and proposed allotments;
  - Location and details of all proposed roads and footpaths;
  - Location of all structures proposed and retained on site;
  - Location and details of access points to the subdivision;
  - Existing vegetation on the land and vegetation to be retained;
  - Location of services and infrastructure, and proposed methods of draining the land;



	<ul style="list-style-type: none"> <li>Any easements, covenants or other restrictions either existing or proposed on the site;</li> <li>Type of subdivision proposed (Torrens, strata and/or community title).</li> <li>Cross sections of roads, including gradients, widths, road names, footpaths etc.</li> <li>Existing and proposed finished levels in relation to roads, footpaths and structures;</li> </ul> <p>7. <b>Stormwater Management Plan</b> - illustrating the concept for stormwater management from the site and must include details of any major overland flow paths through the site and any discharge points to the street drainage system. Where an on-site detention system is required, the type and location must be shown and must be integrated with the proposed landscape design. Site discharge calculations should be provided;</p> <p>8. <b>Erosion and Sediment Control Plan</b> – plan or drawing that shows the nature and location of all erosion and sedimentation control measures to be utilised on the site;</p> <p>9. <b>Landscape Concept Plan</b> – showing planting design and plant/tree species to be used, listing botanical and common names, mature height and spread, number of plants to be utilised in relation to the treatment of communal/public open space areas, footpaths, driveways and the public domain including details of street trees, furniture, signage, lighting and surface treatments (i.e. pavers).</p> <p>10. <b>Construction Management Plan</b> – a plan which outlines traffic and pedestrian management during construction and management of impacts on amenity of adjoining properties and appropriate mitigation measures including noise, dust and sediment and erosion controls;</p> <p>11. <b>View analysis</b> – artist's impression, photomontages, etc of the proposed development in the context of the surrounding development.</p>
<b>Specialist advice</b>	<p>Specialist advice, where required to support your Environmental Assessment, must be prepared by suitably qualified and practising consultants in relation to issues including, but not limited to, the following:</p> <ul style="list-style-type: none"> <li>Planning;</li> <li>Flora and Fauna;</li> <li>Bushfire;</li> <li>Landscaping;</li> <li>Geotechnical and/or hydrogeological (groundwater);</li> <li>Stormwater/drainage;</li> <li>Urban Design/Architectural;</li> <li>Contamination in accordance with the requirements of SEPP 55; and</li> <li>Acid Sulfate Soils.</li> </ul>
<b>Documents to be submitted</b>	<ul style="list-style-type: none"> <li>Both hard copy and electronic versions of the Environmental Assessment will be required to be submitted. Please contact the Department prior to submitting your Environmental Assessment to determine how many copies will be required.</li> <li>If the Environmental Assessment is bulky, you will be required to package up each Environmental Assessment ready for distribution by the Department to key agencies.</li> </ul>
<b>Electronic Documents</b>	<p>Electronic documents presented to the Department for publication via the Internet must satisfy the following criteria:-</p>



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- All files should be approximately 5 Mb.
  - Large files of more than 5 Mb will need to be broken down and supplied as different files.

## Attachment 3

### State Government technical and policy guidelines

The following list provides relevant technical and Policy Guidelines which may assist in the preparation of the Environmental Assessment. It should be noted, however, that this list is not exhaustive as other documents and policies may need to be reviewed. It is also important to note that not all of these guidelines may be relevant to your proposal.

The majority of these documents can be found on the relevant Departmental Websites, on the NSW Government's on-line bookshop at <http://www.bookshop.nsw.gov.au> or on the Commonwealth Government's publications website at <http://www.publications.gov.au>.

Aspect	Policy /Methodology
<b>Biodiversity</b>	
	Draft Guidelines for Threatened Species Assessment (DEC & DPI, 2005)
	Draft Threatened Biodiversity Survey and Assessment Guidelines (DEC, 2004)
	Why do Fish Need to Cross the Road? Fish Passage Requirements for Waterway Crossings (NSW Fisheries, 2003)
	Policy and Guidelines: Aquatic Habitat Management and Fish Conservation (NSW Fisheries, 1999)
	Threatened Species Management Manual (NPWS, 1998)
<b>Coastal Planning</b>	
	NSW Coastal Policy 1997 - A sustainable Future for the New South Wales Coast, NSW Government, 1997
	Coastal Design Guidelines for NSW, PlanningNSW, February 2003
	NSW Wetlands Management Policy (DLWC, March 1996)
	Coastline Management Manual (NSW Government 1990)
<b>Community Consultation</b>	
	Guidelines For Major Project Community Consultation, (NSW Department of Planning, 2007) <a href="http://www.planning.nsw.gov.au/assessingdev/pdf/Dr3%20DOP%20GuideMajProjComConsult%20BRO.pdf">http://www.planning.nsw.gov.au/assessingdev/pdf/Dr3%20DOP%20GuideMajProjComConsult%20BRO.pdf</a>
<b>Bushfire</b>	
	Planning for Bushfire Protection 2006 (NSW Rural Fire Service)
<b>Contamination and Soils</b>	
	Managing Land Contamination: Planning Guidelines SEPP 55 – Remediation of Land (DUAP & EPA, 1998)
	Best Practice in Contaminated Sites (Commonwealth DEH, 1999, ISBN 0 642 546460)
	Contaminated Sites: Sampling Design Guidelines (EPA, 1999)
	National Environment Protection (Assessment of Site Contamination) Measure (NEPC, 1999)
	NSW Acid Sulfate Soil Management Advisory Committee - Acid Sulfate Soil Manual (ASSMAC, 1998).
<b>Environmental Management Systems</b>	
	NSW Government Interim Water Quality and River Flow Environmental Objectives (DEC)

Aspect	Policy /Methodology
	Guidelines for the preparation of Environmental Management Plans (DIPNR, 2004)
<b>Heritage</b>	
<b>Aboriginal</b>	Draft Guidelines for Aboriginal Cultural Heritage Impact Assessment and Community Consultation (DEC, 2005)
	Interim Community Consultation Requirements for Applicants (DEC, 2004)
<b>Non-Indigenous</b>	Assessing Heritage Significance Update for Heritage Manual, NSW Heritage Office, 2000
	Statements of Heritage Impact, NSW Heritage Office 2002
	NSW Heritage Manual, NSW Heritage Office 1996
<b>Noise</b>	
	Environmental Criteria for Road Traffic Noise (EPA, 1999)
	Acoustics - Road traffic noise intrusion - Building siting and construction (Standards Australia, 1989, AS 3671-1989)
<b>Safety and Hazards</b>	
	Electrical Safety Guidelines (Integral Energy)
<b>Traffic &amp; Transport</b>	
	Guide to Traffic Engineering and Guide to Geometric Design of Rural Roads (Austroads, 2003, AP-G1/03)
	Guide to Traffic Generating Developments (RTA, 2002)
<b>Urban Design: Cycleway/Pathway Design</b>	
	Guidelines for the Design and Construction of Paths and Cycleways along Watercourses and Riparian Areas (Version 2) (DIPNR/DNR)
<b>Water</b>	
<b>Water Quality</b>	Water quality guidelines for the protection of aquatic ecosystems for upland rivers. (ANZECC, 2000)
	Australian and New Zealand Guidelines for Fresh and Marine Water Quality (ANZECC 2000)
<b>Effluent Reuse</b>	Environmental Guidelines for the Utilisation of Treated Effluent by Irrigation (NSW DEC 2004)
<b>Floodplain</b>	NSW Government Floodplain Development Manual - the Management of Flood Liable Land (DIPNR, 2005)
	Practical Consideration of Climate Change – Floodplain Risk Management Guideline (DECC, October 2007)
<b>Groundwater</b>	NSW State Groundwater Quality Protection Policy (DLWC, 1998, 0 7313 0379 2)
	NSW State Groundwater Quality Protection Policy (DLWC 1998)
	NSW Groundwater Dependent Ecosystem Policy (DLWC 2000)
<b>Stormwater</b>	Managing Urban Stormwater: Soils & Construction (NSW Landcom, May 2006) - "The Blue Book"
	Constructed Wetlands Manual (NSW DLWC 1998)
<b>Waterways</b>	Waterways Crossing Design & Construction (Version 4 – DIPNR/DNR Draft Guidelines)
<b>Wetlands</b>	NSW Wetlands Management Policy (DLWC 2000)