



DA – Stormwater & OSD Documentation Checklist

Advisory Notes:

- a) This form is to be completed by a Qualified and Practising Engineer on the National Engineer Register (NER) in Civil Engineering, specialising in stormwater modelling and design.
- b) This form will ensure a more amenable and cost effective design is submitted to Council to avoid delays in the assessment and approval of applications.
- c) The Qualified and Practising stormwater design engineer must complete and sign this checklist as any inaccurate or incomplete documentation will result in assessment delay or application being returned.
- d) Stormwater Design and Documents must be prepared taking into consideration Council's Stormwater Management Policy - 2020 (SMP) and other relevant Policies.
- e) Notwithstanding (a) above a project designer can complete this checklist if:
 - The works comprise alterations and additions to residential development &
 - OSD is not required (Ref – Section 4.4 of SMP) &
 - The site is not flood affected &
 - No absorption or charged drainage system proposed &
 - Connection is to an existing system (with details submitted) or the site drains by gravity to the street

For advice please contact Customer Service on (02) 9330 6400 (8.30am-5.00pm Monday to Friday).

Part 1 - Property Details

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|--------------|------------|-----------|
| Unit No.: | House No.: | |
| Street Name: | Suburb | Postcode: |
| Lot No: | DP/SP: | |
| DA Number: | | |

Part 2 – Registered and Qualified Stormwater Design Engineer's Details

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| Company name & ABN: |
| Registered Stormwater Design Engineer's Current Accreditation Number (NER): |
| Is the Engineer accredited to carry out Design of Stormwater and OSD Systems: Yes No |
| Full Given Name(s): |
| E-mail address: |
| Contact No.: |
| Address: |

Part 3 – Stormwater & OSD Design Plans Checklist

| No. | Items | Yes | No | N/A |
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|-----|-------|-----|----|-----|

| | | (✓) | (✓) | (✓) |
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| 1. | Plan Preparation (Ref. – Section 2 of SMP) | | | |
| 1.1 | Stormwater Design Preparation and Documents have been prepared in compliance with Council's Stormwater Management Policy – 2020 (SMP) and other relevant Policies. | | | |
| 1.2 | Name, Signature and NER number of the Stormwater Engineer are clearly indicated on all submitted drawings, certificates, documents and reports. | | | |
| 1.3 | Site inspection undertaken in preparation of the stormwater system design. | | | |
| 1.4 | The stormwater plans: <ul style="list-style-type: none"> • Are based on a Survey Plan prepared by a Registered Surveyor. • Provide spot and contour levels (to m AHD). • Provide location of any existing easements. • Provide location of any existing trees and structures. • Include north point, date and scale. | | | |
| 1.5 | Does the development require OSD? (Ref. – Section 4.3 & 4.4 of SMP) If Yes: Submit site impervious area calculation form (A7). | | | |
| 1.6 | Has the stormwater system or OSD system been designed in accordance with: <ul style="list-style-type: none"> • Georges River Council's requirements. (Ref – Section 4 of SMP) | | | |
| 1.7 | Stormwater concept plans correspond and consistent with: <ul style="list-style-type: none"> • Architectural Plans. • Landscape Plans (no conflict between stormwater infrastructure, trees to be retained or planted and landscaped areas including deep soil). | | | |
| 1.8 | Construction of new Stormwater Infrastructure If construction of new stormwater infrastructure within the road network or public space is proposed, design details including pipeline long – sections to be provided. | | | |

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| 2 | Flood Affected | | | |
| 2.1 | <p>Is the site (whole or partly) affected by flood as per the 1% AEP flood maps?</p> <p>If Yes:</p> <ul style="list-style-type: none"> a. Submit Flood Impact Assessment Report for 1% AEP storm events and input/output read files. <p>(Must only be prepared by a registered NER Engineer experienced in flood modelling and noted in the report)</p> <ul style="list-style-type: none"> b. Design complies with the flood control matrix requirements of Section 6.8 of the SMP. | | | |
| 3. | Stormwater System | | | |
| 3.1 | <p>Is there a Council stormwater pipe traversing the site or within close proximity to the site?</p> <p>If Yes:</p> <ul style="list-style-type: none"> • Submit an Overland Flow Assessment Report for 1% AEP storm events. <p>(Must only be prepared by a registered NER Engineer experienced in flood modelling and noted in the report)</p> | | | |
| 3.2 | <p>Can the stormwater system drain by gravity to the street frontage of the site? (Ref. Section 3.3 of SMP)</p> | | | |
| 3.3 | <p>Is a charged system proposed? (Ref. Section 3.4.2 of SMP)</p> <p>If Yes:</p> <ul style="list-style-type: none"> a. Is there a gravity discharge from the property boundary to the street kerb and gutter? b. Is it draining to the natural sub catchment? | | | |
| 3.4 | <p>Are absorption trenches proposed? (Ref. Section 3.4.4 of SMP)</p> <p>If Yes:</p> <ul style="list-style-type: none"> a. Is the site located in a suburb as prescribed in Section 3.4.4.1 of the Stormwater Management Policy? b. Is the design supported by a geotechnical report? | | | |

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| 3.5 | <p>Is connection to an existing drainage system on site proposed? (Ref. Section 3.4.5 of SMP)</p> <p>If Yes:</p> <p>Have the full details of the existing drainage system been provided?</p> | | | |
| 3.6 | <p>Is an easement over downstream property or properties required to drain the site by gravity? (Ref. Section 3.4.5.3 of SMP)</p> <p>If Yes:</p> <ol style="list-style-type: none"> 1. This is indicated on submitted Plan No 2. Has the permission of downstream property owners been obtained for any easements? If yes, this approval must be lodged with the stormwater plans / documentation. 3. If the site already benefits from an existing drainage easement, has a recent Title Search been provided? | | | |

Part 4 – Registered and Qualified Stormwater Engineers’ Declaration

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| <p>Declaration</p> | <p>I confirm that as the NER Registered Stormwater Design Engineer responsible for designing the stormwater system associated with this development proposal that I have done so with a full understanding of the relevant Council requirements and have read, understood and completed this checklist accurately.</p> <p>_____</p> <p>Registered Stormwater Design Engineer’s Signature</p> <p>Date ____/____/____</p> |
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Part 5 – Project Designer’s Declaration

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| <p>Declaration</p> <p><i>(Applicable only when advisory note (e) has been fully achieved)</i></p> | <p>I confirm that as the Project Designer responsible for designing the stormwater system associated with this development proposal that I have done so with a full understanding of the relevant Council requirements and have read, understood and completed this checklist accurately.</p> <p>_____</p> <p>Project Designer’s Signature</p> <p>Date ____/____/____</p> |
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Full Given Name(s):

E-mail address:

Contact No.:

Address: