

# On-site Stormwater Detention (OSD) Checklist

For Single Dwelling Residential Developments

This form is to be used to determine if OSD will be required for demolition and reconstruction, or construction of new single dwelling residential developments and **must be completed and included with the submission of any development application for these works**. Please read both sides of this form carefully for its applications, guidelines and definitions.

For assistance and support, please contact Council's Customer Service Centre on (02) 9942 2111.

## Address of Proposed Development

|                                 |        |                      |                    |                      |
|---------------------------------|--------|----------------------|--------------------|----------------------|
| Address of proposed development | Lot    | <input type="text"/> | DP (if applicable) | <input type="text"/> |
|                                 | No.    | <input type="text"/> | Street             | <input type="text"/> |
|                                 | Suburb | <input type="text"/> |                    |                      |

## PART 1 Exemption for properties that drain naturally away from the street

|               |                                                                                                                                                                                                                                                                                                                   |
|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tick one only | <p>Does the site fall naturally away from the street?</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>If yes, stormwater drainage must be in accordance with Council's Policy No. PDS-POL 136 'Stormwater Drainage from Low Level Properties'.</p> <p>If no, proceed to the next part.</p> |
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## PART 2 Is the site area less than 450m<sup>2</sup>

|               |                                                                                                                                         |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Tick one only | <p>Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>If yes, OSD is not required.</p> <p>If no, proceed to next part.</p> |
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## PART 3 Exemption for Direct Discharge to Ocean

|               |                                                                                                                                                                                                                                                                                                                                                            |
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| Tick one only | <p>Does the site of the development drain directly to the ocean without the need to pass through a drainage control structure such as a pipe, bridge, culvert, kerb and gutter or natural drainage system?</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>If yes, OSD is not required.</p> <p>If no, proceed to the next part.</p> |
|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

| <b>PART 4 Exemption for Flood Affected Areas</b>       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
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| Tick one only                                          | <p>Is the site of the development located within an established Flood Prone Land as referred to in the Warringah Local Environmental Plan?<br/>Refer to section 2.6 of Council's OSD Technical Specification.</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>If yes, OSD is not required.</p> <p>If no, proceed to the next part.</p>                                                                                                                                                                                                      |
| <b>PART 5 Determination of OSD Requirements</b>        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 3.1 Calculations<br><br><br>Please view below examples | <p>(a) Site area _____ m<sup>2</sup> x 0.40 = _____ m<sup>2</sup></p> <p>(b) Proposed and remaining impervious area _____ m<sup>2</sup></p> <p><b>OSD will not be required when (a) is greater than (b)</b></p> <p>Is OSD required for this development (tick one only) Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>If yes, then a design in accordance with the Streamlined Method in Council's OSD Technical Specification is to be provided with the Development Application (refer to Clause 3.1.1)</p> <p>If no, OSD is not required.</p> |
| 3.2 Example                                            | <p>If the proposed combined impervious area is greater than 40% of the site area, then OSD is required.</p> <p><i>Example 1:</i> Site Area = 600m<sup>2</sup> Total proposed &amp; remaining impervious area = 290m<sup>2</sup><br/>600 x 0.4 = 240m<sup>2</sup> (290 &gt; 240) OSD required</p> <p><i>Example 2:</i> Site Area = 800m<sup>2</sup> Total proposed &amp; remaining impervious area = 290m<sup>2</sup><br/>800 x 0.4 = 320m<sup>2</sup> (290 &lt; 320) OSD is <b>not</b> required</p>                                                                |
| <b>DEFINITIONS</b>                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Designed to help you fill out this application         | <p><b>Site area:</b> This refers to the area of the land bounded by its existing or proposed boundaries.</p> <p><b>Impervious areas:</b> This refers to driveways, pathways, paved areas, hardstand areas, roofed areas, garages and outbuildings that are proposed and to be retained.</p> <p>Where an existing structure is to be demolished to make way for a new dwelling, only the proposed impervious areas and remaining impervious areas are to be used in the calculations. No credit is given for existing impervious areas that are not retained.</p>   |
| <b>NOTES</b>                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Please read before filling out this form               | <ol style="list-style-type: none"> <li>Other works, ancillary buildings, commercial, industrial, subdivisions and multiple occupancy developments are to comply with Council's <b>OSD Technical Specification</b>.</li> <li>A reduction in the OSD volume required may be permitted. Refer to Council's "OSD Rainwater Re-use Policy for Single Residential Dwellings". If OSD is required, then a design for OSD in accordance with Council's "OSD Technical Specifications" is to be provided with the development application.</li> </ol>                       |