

| Site Name: Greenwich Police Station, Burney Street   |   |                        |  |   |                 |
|--|---|------------------------|--|---|-----------------|
| Site ID:   | G6  | Site Address:          | Greenwich  | Area (ha):                                  | 0.15            |
| Current Use:   | Police Station open three days a week                   | Proposed Use:          | Mixed use including residential with community use to replace police station. Must be in keeping with the character of the Conservation Area, no more than 6 storeys in height | Vulnerability Classification:               | More Vulnerable |
| <b>Fluvial Source:</b>   |   |                        |  |   |                 |
| Flood Zone 1 (<0.1% EP):   | Flood Zone 2 (0.1% AEP):                                | Flood Zone 3 (1% AEP): | Flood Zone 3b (5%AEP):   | Area Benefiting from Defences:              |                 |
| 100%   | 0%  | 0%                     | 0%   | 0%  |                 |
| <b>Surface Water Source</b>  |   |                        |  |   |                 |
| Risk of Flooding from Surface Water (RoFSW)  |   |                        | Medium   |   |                 |
| <p> <span style="border: 1px solid red; display: inline-block; width: 10px; height: 10px; margin-right: 5px;"></span> Site         <span style="border: 1px solid orange; display: inline-block; width: 10px; height: 10px; margin-left: 10px; margin-right: 5px;"></span> Other Sites         <span style="color: blue; font-weight: bold; margin-left: 10px; margin-right: 5px;">—</span> Water Courses         <span style="color: magenta; font-weight: bold; margin-left: 10px; margin-right: 5px;">—</span> Flood Defences         <span style="margin-left: 10px;">Risk of Flooding from Surface Water</span> <span style="display: inline-block; width: 10px; height: 10px; background-color: darkblue; margin-left: 10px; margin-right: 5px;"></span> High         <span style="display: inline-block; width: 10px; height: 10px; background-color: blue; margin-left: 10px; margin-right: 5px;"></span> Medium         <span style="display: inline-block; width: 10px; height: 10px; background-color: lightblue; margin-left: 10px; margin-right: 5px;"></span> Low       </p> <p>         0 200 400 600 800 1,000 m       </p> <p>         © Crown Copyright and database rights 2018.<br/>         Ordnance Survey 100019695<br/>         Published using the Open Government License (OGL) version 3.0       </p>   |   |                        |  |   |                 |
| <b>Figure A Risk of Flooding from Surface Water (RoFSW)</b>  |   |                        |  |   |                 |
| Critical Drainage Area   |   | N/A                    |  |   |                 |
| <b>Groundwater Source</b>  |   |                        |  |   |                 |
| Bedrock Geology  | Upper Chalk Formation                                   |                        | Superficial Geology  | Head - Clay, Silt, Sand, Gravel             |                 |
| Bedrock Aquifer Designation  | Principal (100% Overlap)                                |                        | Superficial Aquifer Designation  | Secondary (undifferentiated) (100% Overlap) |                 |
| Potential Groundwater Flooding Zone  |   | Zone A                 |  |   |                 |
| <b>Other Sources</b>   |   |                        |  |   |                 |
| Sewer Flooding (within 4 digit postcode)   | Internal Flood Incidents: 4 External Flood Incidents: 0 |                        |  |   |                 |
| <b>Artificial sources</b>  |   |                        |  |   |                 |
| <b>Site Specific Recommendations</b>   |   |                        |  |   |                 |
| <p>An assessment of surface water flow paths should be made prior to site design, to encourage the location of buildings and more vulnerable aspects of the development away from those areas at risk of surface water ponding.</p> <p>Although the site is within Flood Zone 1, it is good practice to set finished floor levels a minimum of 300mm above ground level in order to reduce the risk of flooding from surface water, which is at medium risk in this area. It is recommended that consideration is given to the flow of surface water during the development of the site masterplan and layout to ensure effective management of surface water flows. A number of flood resistance and resilience measures can be implemented into new developments to mitigate potential flooding. Guidance on resilience measures can be found in the document 'Improving the Flood Performance of New Buildings, Flood Resilient Construction' published by The Department for Communities and Local Government (CLG).</p> <p>Surface water flow paths should be assessed to inform the strategic location of SuDS and techniques to route flows around the edge of buildings. Careful consideration should be given to the use of fences and landscaping walls so as to prevent causing obstruction to flow routes and increasing the risk of flooding to the site or neighbouring areas.</p> |   |                        |  |   |                 |

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Reference to the SWMP Appendix D Figure D6 identifies that (prior to the completion of a site investigation to determine precise local conditions) infiltration of surface water into the ground is uncertain for the site. Site investigations will be required prior to the development of a Drainage Strategy for the site. Development should utilise sustainable urban drainage systems (SUDS) unless there are practical reasons for not doing so. Where an increased risk of surface water flooding exists to surrounding sites, developers need to provide a Drainage Strategy to demonstrate how they intend to address this, by what methods, over what timeframe and how maintenance of such works would be funded over its lifetime. This should include a consideration of SuDS in line with the London Plan 5.13 and Local Plan Policies. Surface water run-off should be managed in line with Royal Greenwich's surface water management requirements, as set out in Chapter 4 of the Developer Guidance.

**Summary**

The site is within Flood Zone 1 and in accordance with NPPF does not require the application of the Exception Test. A drainage strategy should be provided to show how surface water on the site will be effectively managed. Where possible, SuDS should be implemented.