Audit Query Tracker

| Query No | Subject | Query | Status | Date closed out |
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| 1 | BIA Format | The BIA refers to a superseded version of the CPG for basements. Confirmation that the correct version has been used for the assessment is required.<br><br>Some reviewer signatures are missing and should be included.<br>Refer to updated G+W report: "GWPR5717 BIA&GMA May 2024" section1.2 | Open – See Section 4.1 | |
| 2 | Hydrogeology & Land Stability | If piling is included in the construction of the basement, additional assessment of the impact of this construction method will be required.<br>Piling not required in current scheme | Open - See Section 4.9 | |
| 3 | Hydrology | Hardstanding will be increased. No mitigation measures to limit the impact on the hydrology of the surrounding area is provided and it is requested.<br>Refer to Momentum drainage strategy and attached drawings | Open - See Section 4.10 | |
| 4 | Land Stability | Clarification is requested regarding the number of lifts of underpinning and underpinning construction sequence.<br>Underpinning to be done in two hits in traditional 1, 3, 5, 2, 4 underpinning sequence | Open – See Section 4.12 | |
| 5 | Land Stability | Outline retaining wall calculations are requested<br>Refer to Momentum calculation: "5737 10 Lyndhurst Road CLC 240524 Typical basement retaining wall design" | Open – See Section 4.12 | |
| 6 | Land Stability | Clarification requested regarding missing SPT data and design Cu lines.<br>Refer to updated G+W report: "GWPR5717 BIA&GMA May 2024" section 8.2.1. | Open – See Section 4.13 | |
| 7 | Land Stability | Clarification regarding the overburden pressure release of demolition is requested.<br>Refer to updated G+W report: "GWPR5717 BIA&GMA May 2024" section 8.2.2. | Open – See Section 4.15 | |
| 8 | Land Stability | The input and output data for both PDisp and XDisp are not provided and are requested.<br>Refer to attached files | Open – See Section 4.17 | |
| 9 | Land Stability | Settlement plots for the roads are not provided and are requested.<br>Refer to attached files | Open – See Section 4.18 | |

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| 10 | Land Stability | Excerpt from the Building Damage Assessment of the XDisp model suggests that damage to neighbouring properties will fall under Burland Category 2 (Slight). Further consideration is needed to ensure damage to neighbouring structures remains within Category 1 (Very Slight).<br><br>The SMS incorrectly states that all walls were assessed as having Category 0 (Negligible) damage. The results of the analysis should be presented consistently.<br>Refer to updated G+W report: "GWPR5717 BIA&GMA May 2024" section 8 | Open – See Section 4.19 | |
| 11 | Hydrogeology & Land Stability | Utility data are not presented, and an assessment of the impact on utilities has not been undertaken and is requested.<br>Refer to updated G+W report: "GWPR5717 BIA&GMA May 2024" section 8.4.4. | Open – See Section 4.20 | |
| 12 | Land Stability | Confirmation of whether neighbouring foundation will be impacted by tree removal should be presented with impact assessment and mitigation provided if necessary.<br>Refer to updated G+W report: "GWPR5717 BIA&GMA May 2024" section 7 | Open – See Section 4.23 | |
| 13 | Land Stability | The retaining wall loads were not finalised by the structural engineers at the time of writing but were to be limited to a maximum load of 100kPa. Throughout the construction of the basement, the PDisp models assumed a load of 30kPa initially, increasing to 100kPa when fully constructed. Should there be any changes in the retaining wall loads, the assessment will need to be updated accordingly.<br>Refer to updated G+W report: "GWPR5717 BIA&GMA May 2024" section 8.2.2. | Note only – See Section 4.14 | |