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| **Development Application Form –**  **Water Supply/Wastewater Planning Assessment** | | |
| **Date of Application** |  | |
| **Address of Development** |  | |
| **Layout Plan of Proposed Development clearly showing:**   * Aerial photograph * Road names * Boundary of development * Preferred point of connection to existing water supply and wastewater asset |  | |
|  | **Description** | **Comment** |
| **Current Land Use** |  | *Residential (Single family dwellings) / Residential (Multi-unit dwellings) / Residential (Multi-storey apartment blocks) / Commercial / Industrial / Other (Please Specify)* |
| **Proposed Land Use** |  |
| **Total Development Area (Ha.)** |  |  |
| **Number of Residential Households (Consent & Ultimate)** |  | *E.g. 12- storey apartment building with 4 units per storey is 48 residential households.* |

*Refer to Water and Wastewater Code of Practice for Land Development and Subdivision Section 6 Water Supply*

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| **Water Supply Development Assessment** | | |
| **Average and Peak Residential Demand (L/s)** |  | *Show calculations based on Watercare CoP* |
| **Average and Peak Non-Residential Demand (L/s)** |  | *Show calculations based on Watercare CoP* |
| **Non Residential Demand Typical Daily Consumption Profile / Trend** |  | *E.g. 24 hr operation / 10 hr (9am – 5pm) / Filling on-site storage at certain frequency)* |
| **Fire- fighting Classification required by the proposed site** |  | *Refer to New Zealand Standard SNZ PAS 4509:2008* |
| **Hydrant Flow Test Results** | Yes  No | *Attach hydrant flow test layout plan and results showing test date & time; location of hydrants tested and pressure logged; static pressure; flow; residual pressure* |
| **Sprinkler System in building?** | Yes  No | *Sprinkler design should consider Watercare Level of Service: minimum pressure at 200kPa and minimum flow at 25 l/min. The building owner shall conduct periodic review of sprinkler design.* |
| **Further Water Supply comments** | | |

*Refer to Water and Wastewater Code of Practice for Land Development and Subdivision Section 5 Wastewater*

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| **Wastewater Development Assessment** | | |
| **Peak DWF and WWF Residential Design Flows (L/s)** | Consent PDWF =  Consent PWWF=  Ultimate PDWF =  Ultimate PWWF = | *Show calculations based on Watercare CoP.*  *If relevant for ultimate development scenario include No. of Potential Units/ lots for calculations.* |
| **Peak DWF and WWF Non-Residential Design Flows (L/s)** | Consent PDWF =  Consent PWWF = | *Show calculations based on Watercare CoP.* |
| **Non-Residential Discharge Profile / Trend (i.e. Operations)** |  | *E.g. 24 hr operation / 10 hr (9am – 5pm) / Other* |
| **New Assets Required for Development** |  | *If applicable please provide supporting calculations and indicative design parameters (ie. Pump Station and rising main or storage)* |
| **Sewer Capacity Check** |  | *Capacity assessment at proposed connection point and impact on network* |
| **Further Wastewater comments** | | |

*For internal Watercare use only*

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| **Date Application Received** |  |
| **Application Ref No.** |  |
| **Assigned Connections Engineer** |  |
| **Prior Developer Correspondence with Watercare** |  |
| **Neighbouring developments to consider in capacity assessment** |  |