|  |  |
| --- | --- |
| Location and Background | |
| **Location** | Approximate location, Estate, Suburb |
| **Access Point** | Street Address (as per maintenance access plan) |
| **Melways Ref** | e.g. 89 D10 |
| **Design Intent** | (RB/Wetland/Both) intent of asset within area of works |

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| Catchment Detail (assume fully developed) | |
| **Watercourse Name** | As per works offer and EPMS number |
| **Total Catchment, HA** | Area the asset is intended to service |
| **3 Month Flow**  **At Outlet, m3/s** |  |
| **5 Year Flow**  **At Outlet, m3/s** |  |
| **100 Year Flow**  **At Outlet, m3/s** |  |
| **RORB Model Parameters** | kc,m, etc if applicable |

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| Wetland Details | |
| **Land Ownership** | As per plan of subdivision PSXXXX (council/MW) |
| **High Flow Bypass Crest Level AHD** |  |
| **Normal Water Level AHD** |  |
| **Extended Detention Depth Level AHD** |  |
| **Capacity prior to High Flow Bypass engages m3** |  |
| **Sedimentation Pond clean out frequency XX years** | XX Years |
| **Captured Sediment Volume m3** |  |

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| Operational Structures – list nominated structures from Operational Plan Sheet 2 | |
| **Structure 1** | Northings & Eastings |
| **Structure 2** | Northings & Eastings |
| **Structure 3** | Northings & Eastings |

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| Retarding Basin Details (as defined by ANCOLD) | |
| **Physical Details:** | |
| **Maximum Length of Basin (m)** |  |
| **Maximum Width of Basin (m)** |  |
| **Maximum Embankment Crest Height (m)** |  |
| **Maximum Embankment Crest Height above NSL (m)** |  |
| **Embankment Crest Level (AHD)** |  |
| **Top Water Level to Spillway Crest (AHD)** |  |
| **Capacity to Spillway Crest (ML)** |  |
| **Capacity to Spillway Crest above NSL (ML)** |  |
| **Capacity At Embankment Crest Level (ML)** |  |
| **Capacity at Embankment Crest Level above NSL (ML)** |  |
| **Water Surface Area at Spillway Level (Ha)** |  |
| **Normal Outlet:** | |
| **Normal Outlet Type** |  |
| **Normal Outlet Invert Level (AHD)** |  |
| **Normal Outlet Size (mm)** |  |
| **Low Flow or Bypass System Capacity (m3/s)** |  |
| **Discharge with water at Spillway Crest (m3/s)** |  |
| **Discharge with water at Embankment Crest Level (without spillway) (m3/s)** |  |
| **Spillway/s:** | |
| **Spillway Type** | (as constructed level) |
| **Spillway Crest Level (AHD)** |  |
| **Spillway Crest Level/diameter (m)** |  |
| **Spillway Capacity with water at Embankment Crest Level (m3/s)** |  |
| **Outlet Pipe Size (mm)** |  |
| **Probability of Dam Crest Flood:** | |
| **Average Recurrence Interval** |  |
| **Average Recurrence Interval Assuming 50% Normal Outlet Blockage** |  |
| **Average Recurrence Interval Assuming 90% Normal Outlet Blockage** |  |
| **Risk Assessment:** | |
| **Dam Break Analysis Type** |  |
| **Downstream Assessment Distance** |  |
| **Total population at Risk** |  |
| **Incremental Population at Risk** |  |
| **Severity of Damage and Loss** |  |
| **ANCOLD ‘fallback’ required spillway AEP (if VL, L or S)** |  |
| **ANCOLD Hazard Category** |  |
| **Design Requirements:** | |
| **Embankment Type** |  |
| **Soil Test Results** |  |
| **Compaction requirements** |  |
| **Embankment stability information** |  |
| **Embankment design characteristics (core, filters, drainage, outlet cutoffs)** |  |

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| **Structure 1** Northings & Eastings | |
| **Structure 2** | Northings & Eastings |
| **Structure 3** | Northings & Eastings |

As the Consultant's nominated representative responsible for construction of the Works detailed in Melbourne Water Reference No..……………..,  
I certify that the above are true and correct.

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Name Signature

(Responsible Construction Representative)

\_\_\_\_\_\_\_\_\_\_/\_\_\_\_\_\_\_\_\_\_/\_\_\_\_\_\_\_\_\_\_

Date

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Name Signature

(Nominated Representative)

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Date  
 Company Position

# Asset Photo / Diagrams

E.g. Add Photos/Diagrams here:

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| --- | --- |
| I:\MEL\DPW\Photos\1601 Deep Creek South\1601-18\101129 EDLP\IMGP9150.JPG  Figure 1 Waterway | I:\MEL\DPW\Photos\1604 kennedy ck\1604-34\Chuck photos\FW KC34 FC insp'n 10Jul13 - 02.jpg  Figure 2 Waterway |
| Figure 3 Wetland | Figure 4 Wetland |