

Hamilton City Development Manual	
Volume 4 : Quality Systems for Land Development	Part 4 & 5 – Stormwater & Wastewater Checklist 4.7
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CHECKLIST 4.7 – LANDSCAPE ENGINEERING STORMWATER DEVICE MANAGEMENT MANUAL CHECKLIST

Location: _____

Manual includes the following information

	Developer Tick if correct	WWS Rep Tick if correct	Comments
Administration Details			
Developer name and contact details	<input type="checkbox"/>	<input type="checkbox"/>	
Detention facility location – street address	<input type="checkbox"/>	<input type="checkbox"/>	
Detention facility type (wet pond, dry, wetland)			
NZ map reference	<input type="checkbox"/>	<input type="checkbox"/>	
Site plan No	<input type="checkbox"/>	<input type="checkbox"/>	
Resource consent number	<input type="checkbox"/>	<input type="checkbox"/>	
Catchment name	<input type="checkbox"/>	<input type="checkbox"/>	
Contributing catchment area	<input type="checkbox"/>	<input type="checkbox"/>	
Coordinates for detention facility centre	<input type="checkbox"/>	<input type="checkbox"/>	
Levels			
Levels to LINZ datum	<input type="checkbox"/>	<input type="checkbox"/>	
Top of dam (RL)	<input type="checkbox"/>	<input type="checkbox"/>	
Top of spillway (RL)	<input type="checkbox"/>	<input type="checkbox"/>	
Toe of dam (RL)	<input type="checkbox"/>	<input type="checkbox"/>	
2 yr ARI water level	<input type="checkbox"/>	<input type="checkbox"/>	
Dimensions			
Max pond length	<input type="checkbox"/>	<input type="checkbox"/>	
Max pond width	<input type="checkbox"/>	<input type="checkbox"/>	
Height of dam in metres to 0.1m	<input type="checkbox"/>	<input type="checkbox"/>	
Approx max water depth to 0.1m	<input type="checkbox"/>	<input type="checkbox"/>	
Normal water depth to 0.1m	<input type="checkbox"/>	<input type="checkbox"/>	
Operating surface area (m ²)	<input type="checkbox"/>	<input type="checkbox"/>	
Normal storage volume (m ³)	<input type="checkbox"/>	<input type="checkbox"/>	
Spillway details	<input type="checkbox"/>	<input type="checkbox"/>	
• Type			
• Width or diameter			

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Inlet details

- Type
- Width or diameter

Outlet details

- Type
- Width or diameter

Flow Design

2 yr return period design m^3/s

10 yr storm controlled at high level weir (m^3/s)

50 yr storm at spillway (m^3/s)

Sediment Treatment

Estimated suspended solids removal %

Estimated sediment accumulation rate in tonnes/year

Planting details

Date of planting

Plants source

Maintenance Requirements

Methodology for the on-going and long-term maintenance

Estimated cleaning frequency in years

- Forebay
- Main pond

Details for permanently wet areas

Details for surrounding areas

How facility should be dewatered and desilted

Attachments

Location map

Legal description of site

Detailed scale plan of total contributing catchment

Construction detail plans of the pond including all structures

Approved As built plan showing truck maintenance access,

working and storage areas

EW resource consent

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- Geotechnical report if applicable
- Design calculations
- Asbuilt Planting plan
- Consent compliance reports from EW

All information included in required format

Further information required

.....
Signature of person reviewing the manual

.....
Signature of DM

.....
Date

.....
Date