Information for Stormwater Detention Tank Review

This is to be submitted with a Building Consent

Auckland Council
Te Kaunihera o Tāmaki Makaurau

APPLICATION DETAIL

Project Address:

Contact Name:

Mailing Address:

Phone Number: Landline

Mobile:

PROJECT DETAIL

Site Area (m^2):

Existing site coverage

Existing roof area (m^2):

Existing paved area (m^2):

Existing permeable area (m^2):

Proposed site coverage

Post-development roof area (m^2):

Post-development paved area (m^2):

Post-development permeable area (m^2):

REMAINING UNDRAINED AREA (not draining into detention tank after development)

Undrained roof area (m^2): *

Undrained paved area (m^2): *

Undrained permeable area (m^2):

* *Provide reason for the areas which are not drained via detention tank (Use Comments section next page)*

PROPOSED DETENTION TANK DESIGN

Storage Volume (m^3):

Maximum discharge (L/s):

Orifice diameter (mm):

Tank depth (m): (depth between inlet & orifice)

CHECKLIST

- ☐ Supporting calculation for detention tank design by the applicant's engineer attached
- ☐ A site plan must be included with this application form.
- ☐ Proposed tank location to be indicated on the plan.
- ☐ Applicant must ensure that there is an adequate gradient and space for the proposed detention tank on site.

NOTES

1. Final tank dimension and location must be shown on as built plans.
2. A water trap is required between the tank and receiving wastewater system in combined catchments.
3. All paved area drainage and sub-soil drains must drain into the tank via a silt trap or cesspit.
4. A minimum vertical clearance of 600mm is required when discharging to a combined system but may be reduced with the approval of the processing engineer, in which case a backflow valve may be required.
5. Refer to standard drawings details on pages 3 and 4.

COMMENTS

OFFICE USE ONLY

Approved minimum storage volume (m^3):

Approved orifice diameter (mm):

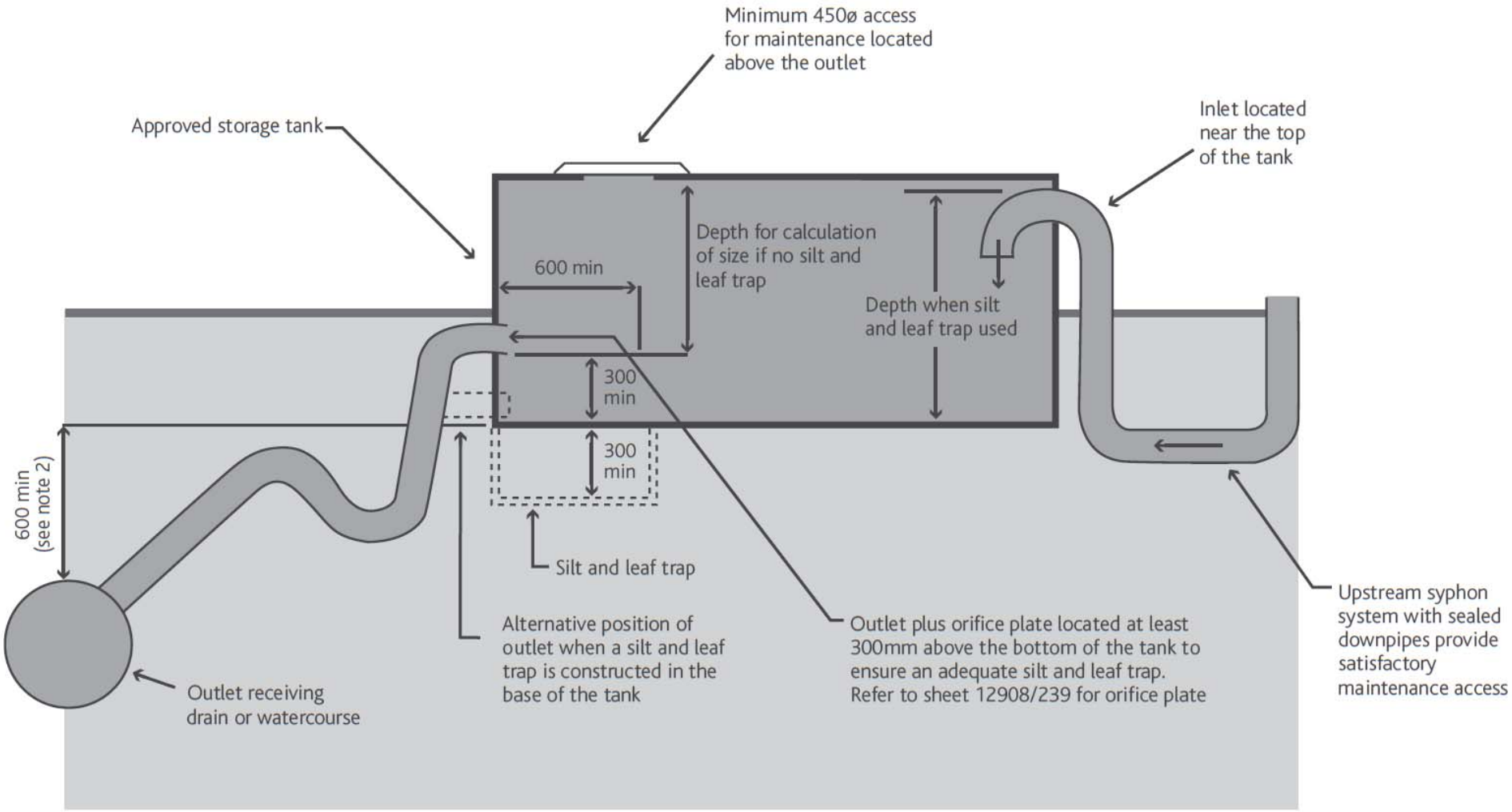
Approved maximum discharge (L/s):

Approved tank depth (m):
(depth between inlet & orifice)

Date approved :

Tick if rejected or cancelled:

Above-ground detention tank



In-ground detention tank