



Auckland
Regional Council
TE RAUHITANGA TAIAO

STORMWATER COMPLIANCE INSPECTION ADVICE

(Under Section 332 of the Resource Management Act
1991)

Investigating Officer:

Date:

Time:

Weather: Rainfall over previous 2-3 days?

Person contacted during visit:

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Site Name:		File No:	
Consent Holder:		Consent No:	
Engineer:		Catchment:	

SEDIMENT / STORMWATER MANAGEMENT POND CONSTRUCTION CHECKLIST	✘	Needs immediate attention	✔	Okay	?	Clarification Required
	-	Not Applicable				

Pond Components:							
Items Inspected	Checked	Satisfactory	Unsatisfactory		Checked	Satisfactory	Unsatisfactory
MATERIALS AND EQUIPMENT				ii) Anti-seep collars properly spaced & having watertight connections to pipe	Y	N	
Pipe & appurtenances on-site prior to construction and dimensions checked.							
1. Material (including protective coating, if specified)	Y	N		iii) Backfill placed & tamped by hand under "haunches" of pipe	Y	N	
2. Diameter	Y	N		iv) Remaining backfill placed in max. 200mm lifts using small power tamping equipment until 600mm cover over pipe is reached	Y	N	
3. Dimensions of riser or pre-cast concrete outlet structure	Y	N		19. Pipe placement – Concrete pipe	Y	N	
4. Required dimensions between water control structures (orifices, weirs, etc.) are in accordance with approved plans	Y	N		i) Pipe set on blocks or concrete slab for pouring of low cradle	Y	N	
5. Barrel stub for prefabricated pipe structures at proper angle for design barrel slope	Y	N		ii) Pipe installed with rubber gasket joints no spalling in gasket interface area	Y	N	
6. Number & deminions of prefabricated anti-seep collars	Y	N		iii) Excavation for lower half of anti-seep collar(s) reinforcing steel set	Y	N	
7. Watertight connectors and gaskets	Y	N		iv) Entire area where anti-seep collar(s) will come in contact with pipe coated with mastic or other	Y	N	
8. Outlet drain valve	Y	N		vi) Low cradle & bottom half of anti-seep collar installed	Y	N	
9. Appropriate compaction equipment available, including hand & small power tamps	Y	N		vii) Upper half of anti-seep collar(s) formed with reinforcing steel set	Y	N	
10. Project benchmark near pond site	Y	N		viii) Concrete for collar of an approved mix & vibrated into place (Protected from freezing while curing, if necessary)	Y	N	
12. Equipment for temporary de-watering	Y	N		ix) Forms striped & collar inspected for honeycomb prior to backfilling. Parge if necessary	Y	N	
SUBGRADE PREPARATION				20. Pipe placement - Backfilling			
13. Area beneath embankment stripped of all vegetation, topsoil, and organic matter	Y	N		i) Fill placed in maximum 200mm lifts	Y	N	
14. Cut-off trench excavated a minimum of 1 metre below subgrade and minimum 1 metre below proposed pipe invert, with side slopes no steeper than 1:1	Y	N		ii) Back fill taken minimum 600mm above top of anti-seep collar elevation before traversing with heavy equipment	Y	N	
15. Impervious material used to backfill cut-off trench	Y	N		RISER / OUTLET STRUCTURE INSTALLATION			
PIPE SPILLWAY INSTALLATION				21. Pre-cast concrete structure			
16. Method of installation detailed on plans	Y	N		i) Dry and stable subgrade	Y	N	
17. Bed Preparation	Y	N		ii) Riser base set to design elevation	Y	N	
i) Installation trench excavated with 1:1 side slopes	Y	N		iii) If more than one section, no spalling in gasket interface area: gasket or approved caulking material placed securely	Y	N	
ii) Stable, uniform, dry subgrade of relatively impervious material (If subgrade is wet, contractor shall have to defined steps before proceeding with installation)	Y	N					
iii) Invert at proper elevation and grade	Y	N					
18. Pipe placement – Metal / Plastic pipe	Y	N					
i) Watertight connectors & gaskets properly installed	Y	N					

ACTION TO BE TAKEN:

No action necessary. Continue routine inspections? Y / N

Correct noted site deficiencies by _____

1st Notice: _____

2nd Notice: _____

Submit plan modifications as noted in written comments by _____

Notice to Comply issued _____

Final inspection, project completed _____

Officers signature: _____

Consent Holder/Engineer/Agent's signature: _____