



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:	

STORMWATER POND OPERATION & MAINTENANCE INSPECTION CHECKLIST	X	Needs immediate attention	✓	Okay	?	Clarification Required
	-	Not Applicable				

"As built"	Required Y / N	Available Y / N	Adequate Y / N	Approx. check to verify vol(s). Y / N
"Operation & Maintenance Plan"	Required Y / N	Available Y / N	Adequate Y / N	
"Planting Plan"	Required Y / N	Available Y / N	Adequate Y / N	

Pond Components:															
Items Inspected	Checked		Maintenance Needed		Inspection Frequency					Checked		Maintenance Needed		Inspection Frequency	
	Y	N	Y	N		Y	N	Y	N	Y	N				
EMBANKMENT & EMERGENCY SPILLWAY					A,S										
1. Is the spillway level?						20. Concrete/Masonry condition									
2. Adequate vegetation & ground cover?						Riser and barrels:									
3. Appropriate plants / weeds?						a) Cracks or displacement?									
4. Adequate freeboard?						b) Minor spalling (.025mm)?									
5. Embankment erosion evident?						c) Major spalling (rebars exposed)?									
6. Cracking, bulging or sliding of dam						d) Joint failures?									
a) Upstream face						e) Water tightness adequate?									
b) Downstream face						21. Pond drain valve:									
c) At or beyond toe upstream						a) Operational / exercised?									
d) At or beyond toe downstream						b) Chained and locked?									
e) Emergency spillway						22. Slope protection or rip-rap failures?									
7. Pond & toe drains clear & functioning?						23. Other?									
8. Evidence of animal burrows?						PERMANENT POOL (WET POND)									M
9. Seeps/leaks on downstream face?						24. Undesirable vegetative growth?									
10. Vertical & horizontal alignment of top of dam as per As-Built plans?						25. Removal of floating debris required?									
11. Emergency spillway clear of obstructions & debris						26. Visible pollution?									
12. Provision of access for maintenance?						27. Evidence of 'edge' erosion?									
a) By hand?						28. Other?									
b) For machinery?						DRY POND									M
13. Other?						29. Adequate vegetation cover?									
RISER & SERVICE SPILLWAY					A	30. Presence of undesirable vegetation / woody growth?									
Type: Reinforced concrete						31. Standing water or wet spots?									
Metal pipe						32. Sediment and/or trash accumulation?									
Masonry						33. Low flow channels unobstructed?									
14. Low flow orifice obstructed?						34. Other?									
15. Low flow trash rack:						SEDIMENT FOREBAYS									
a) Is debris removal necessary?						35. Is sediment accumulation > 50% (maintenance req'd immed. If Yes)									
b) Is corrosion evident?						36. Provision of access for maintenance:									
16. Weir trash rack maintenance						a) By hand?									
a) Is debris removal required?						b) For machinery?									
b) Is corrosion evident?						OUTFALLS INTO PONDS									A,S
17. Is there excessive sediment accumulation inside the riser?						37. Riprap failures?									
18. Metal pipe condition		Good		Fair	Poor	38. Condition of endwalls / headwalls		Good		Fair		Poor			
19. Outfall channels functioning?						39. Evidence of slope erosion?									
						40. Condition of any inflow pipes.		Good		Fair		Poor			
						41. Other?									

