

Appendix A5 Activities in the Public Coastal Property (triggering a Coastal Lease)

Certain Key Service Infrastructure will need to be located below the Coastal Management Line and some of this will stretch into the Public Coastal Property, which for the ADZ is defined as the High Water Mark

	<i>Within the Coastal Management Line</i>	<i>Within Public Coastal Property (triggering a Coastal Lease) Below HWM</i>
<i>Intake structures:</i>		
○ Beach abstraction or beach wells	Yes	Yes
○ Boreholes into saline aquifer.	Yes	No
○ Dedicated intake pipeline, with offshore intake structure at the seaward end of the pipe. This pipeline would supply the first aquaculture operators before CDC marine pipeline is in place.	Yes	Yes
○ Link to the CDC marine pipeline servitude once this is in place (the pipeline servitude is the subject of a separate EIA process).	Yes	Yes
● Pumps and pump houses and access.	Yes	Yes
● Reticulation pipelines (from the seawater intake structure to the pump station and from there to a reservoir or to individual aquaculture farms and the desalination plant), with inspection and maintenance manholes, valves and other associated infrastructure.	Yes	No
● Electricity cables to the pump houses.	Yes	Yes
● Service and access track to pump houses, manholes and valves along the reticulation pipelines.	Yes	No
● Anti-fouling equipment and pipeline to the intake structure.	Yes	Yes
<i>Waste water discharge infrastructure</i>		
● Reticulation pipelines for collecting pre-treated effluent and the desalination plant waste stream to the main discharge pipeline, with associated inspection and maintenance manholes, valves and other associated infrastructure.	Yes	No
● Release structures:	Yes	Yes
○ Dedicated release pipeline and outlet structure at the seaward end of the pipe to serve the first aquaculture operators before CDC marine pipeline is in place.	Yes	Yes
○ Link to the CDC marine pipeline servitude once this is in place (the marine pipeline servitude is the subject of a separate EIA process).	Yes	Yes
● Service and access road to manholes and valves along reticulation pipelines.	Yes	No
<i>Storm water infrastructure</i>		
● Storm water outfall(s) into the surf zone (possibly needed in later years).	Yes	Yes