

## ENVIRONMENTAL EFFECTS METADATA SURVEY FORM

Name of person updating the form

Sean Barrett

Date submitted

October 23, 2012

Project name: Oceanlinx MK2

Planned  In Operation  Completed

Project description:

*Project Developer:* Oceanlinx Ltd.

*Technology Developer:* Oceanlinx Ltd.

*Technology type:* Floating device, Oscillating Water Column

*Resource (wave, tidal):* Wave

*Project scale (test site, prototype, array, commercial):* Single device, 1/3 scale

*Installed capacity (MW):* No turbine installed but instrumented for PTO calculations

*Project Website:* <http://www.oceanlinx.com/projects/past-projects/>

*Launch Date:* October 2007

*Additional Description:* Oceanlinx built and deployed an instrumented 1/3rd scale test unit of its Mk2 WEC in late 2007 and early 2008. The purpose of the Mk2 1/3 Scale was to obtain detailed technical data for floating devices.

Location:

*Ocean/Water body:*

*Closest city:* Port Kembla, approximately 100km south of Sydney, Australia.

*Country:* Australia

*Depth:*

*Coordinates (please use Mercator):* -34.45°, 150.9°

Process status: Test completed.

Licensing information (brief description): The same lease that existed for the Mk1 covered this test program as the trials were conducted in the same area. The Mk2 device was not installed for an extended period, therefore the permitting required was not an issue. For this same reason, there were no environmental studies or surveys required.

Key Environmental issues: *brief description on the most important environmental issues raised by the project (e.g. Sensitive species/habitats/areas that were of particular concern and/or received special protection) and how they were addressed.*

Environmental webpage: *link to project official environmental webpage (if available)*

Baseline studies and project effects studies: Oceanlinx MK2				
General description				
Receptor	Study description including question and/or objective (several can be listed per receptor)	Design and methods (brief description)	Results (brief description)	Status (planned, underway, completed, with dates)
Physical environment				
Benthos				
Fish and fisheries				
Large vertebrates				
Birds				
Marine uses / users				
Other* (can be named)				
<b>Reports or Papers</b>	(Key papers on the areas addressed should be listed here; when possible the files themselves can be made available in downloadable PDF format, alternatively links to the files or project website can be provided when available e.g. SeaGen.)			
<b>Research Projects</b>	(past or on-going environmental research projects at the site)			

Monitoring and adaptive management: Oceanlinx MK2				
General description				
Receptor	Monitoring program description including question	Design and methods (brief description)	Results (brief description)	Status (planned, underway, completed,

	<b>and/or objective</b> (several can be listed per receptor)			with dates)
Physical environment				
Benthos				
Fish and fisheries				
Large vertebrates				
Birds				
Marine uses/ users				
Other* (can be named)				
<b>Reports or Papers</b>	(Key papers on the areas addressed should be listed here; when possible the files themselves can be made available in downloadable PDF format, alternatively links to the files or project website can be provided when available e.g. SeaGen.)			
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