

Appendix N Objectives of the RMPS and EMPCS

Part 1 Objectives of the Resource Management and Planning System Tasmania

Objectives	Response
<i>(a) to promote the sustainable development of natural and physical resources and the maintenance of ecological processes and genetic diversity; and</i>	<p>The Proposal promotes the sustainable development of natural and physical resources through discharging treated effluent to a full recycled water scheme (RWS). The expanded Bicheno RWS will improve water security and drought resilience in the region.</p> <p>The Proposal will maintain ecological processes in Old Mines Lagoon through significantly reducing the amount of treated effluent discharged to the receiving environment. The Proposal will result in an overall net environmental benefit.</p>
<i>(b) to provide for the fair, orderly and sustainable use and development of air, land and water; and</i>	As outlined above, the Proposal provides for the sustainable use of treated effluent through discharging to a full reuse scheme.
<i>(c) to encourage public involvement in resource management and planning; and</i>	This objective is not applicable to the Proposal.
<i>(d) to facilitate economic development in accordance with the objectives set out in paragraphs (a), (b) and (c); and</i>	The Proposal facilitates economic development through providing an essential service to Bicheno. The Bicheno STP has capacity to service both the local and tourist populations of Bicheno and will continue to support the development of the local tourism industry.
<i>(e) to promote the sharing of responsibility for resource management and planning between the different spheres of Government, the community and industry in the State.</i>	<p>The Proposal will be subject to the requirement for a planning permit under the LUPA Act and will be assessed by the Glamorgan Spring Bay Council.</p> <p>At a state level, the Proposal will be subject to assessment by the EPA Tasmania.</p> <p>The Proposal has secured funding from the Australian Government through the National Water Grid Authority, with the goal of promoting agribusiness in the region.</p> <p>The community/private industry is involved in the Proposal through the implementation of the Bicheno RWS (Bicheno Golf Club and Glenalbyn).</p>

Part 2 Objectives of the Environmental Management and Pollution Control System

Objectives	Response
<i>(a) to protect and enhance the quality of the Tasmanian environment; and</i>	The Proposal will protect and enhance the quality of the Tasmanian environment through significantly reducing discharge of treated effluent to Old Mines Lagoon. The Proposal will result in an overall net environmental benefit.
<i>(b) to prevent environmental degradation and adverse risks to human and ecosystem health by promoting pollution prevention, clean production technology, reuse and recycling of materials and waste minimization programmes; and</i>	<p>The Proposal will reduce environmental degradation and adverse risk to ecosystem health in Old Mines Lagoon through significantly reducing discharge of treated effluent to the environment.</p> <p>The Proposal will have positive human health outcomes through the significant reduction of discharge of treated effluent to Old Mines Lagoon, through the East Coast Natureworld property, and the associated pathogen risk.</p>

Objectives	Response
	The Proposal will allow the implementation of a full reuse scheme for the Bicheno STP and minimise waste associated with treated effluent. The Bicheno STP also reduces waste through the beneficial reuse of biosolids.
<i>(c) to regulate, reduce or eliminate the discharge of pollutants and hazardous substances to air, land or water consistent with maintaining environmental quality; and</i>	The Proposal will eliminate the discharge of treated effluent to Old Mines Lagoon under normal operating conditions. Odour emissions from the Proposal are not expected to impact human health or cause environmental harm at sensitive receptors beyond the boundary of the Proposal Site. Odour emissions have been reduced as far as reasonably practicable through the measures outlined in the Environmental Impact Statement (EIS) for the Proposal.
<i>(d) to allocate the costs of environmental protection and restoration equitably and in a manner that encourages responsible use of, and reduces harm to, the environment, with polluters bearing the appropriate share of the costs that arise from their activities; and</i>	The TasWater Strategic Business Case undertaken for the Bicheno STP investigated several options to address the environmental risk associated with discharge to Old Mines Lagoon. A multi-criteria analysis was completed to assess the performance of each option against defined environmental, social, economic, and technical criteria. Estimates for capital and operational costs associated with each option were also developed. The full reuse scheme (included in the Proposal) was the most cost effective and environmentally responsible option for the Bicheno STP.
<i>(e) to require persons engaging in polluting activities to make progressive environmental improvements, including reductions of pollution at source, as such improvements become practicable through technological and economic development; and</i>	The Proposal includes immediate improvements to the Bicheno STP to improve the performance of the treatment lagoons and treated effluent quality. A program of future improvements is committed to in the EIS for the Proposal.
<i>(f) to provide for the monitoring and reporting of environmental quality on a regular basis; and</i>	The Proposal includes a suite of monitoring and reporting commitments, summarised in Section 7.
<i>(g) to control the generation, storage, collection, transportation, treatment and disposal of waste with a view to reducing, minimizing and, where practicable, eliminating harm to the environment; and</i>	The Proposal includes measures for the management of waste. Waste management will be included in the Work Package Environmental Management Plan for the Proposal. Aside from effluent, the main waste source associated with the operation of the Bicheno STP is the production of sewage sludge. Management of waste is discussed in Section 6.4.
<i>(h) to adopt a precautionary approach when assessing environmental risk to ensure that all aspects of environmental quality, including ecosystem sustainability and integrity and beneficial uses of the environment, are considered in assessing, and making decisions in relation to, the environment; and</i>	The impact assessment of the Proposal has been undertaken using a precautionary approach, including assessment of maximum potential impacts when planning mitigation and management for each environmental aspect (e.g. air and noise).
<i>(i) to facilitate the adoption and implementation of standards agreed upon by the State under inter-governmental arrangements for greater uniformity in environmental regulation; and</i>	The Proposal has not been referred to the Australian Government under the EPBC Act as it is unlikely to significantly impact any MNES. This objective is not applicable to the Proposal.
<i>(j) to promote public education about the protection, restoration and enhancement of the environment; and</i>	This objective is not applicable to the Proposal.
<i>(k) to co-ordinate all activities as are necessary to protect, restore or improve the Tasmanian environment.</i>	The Proposal will result in the restoration of the Tasmanian environment through the reduction in effluent volume to be discharged to Old Mines Lagoon.

Objectives	Response
	<p>The Proposal will result in a significant reduction of nutrient mass inputs into the lagoon system. Environmentally, improvements will likely be seen after several flushes of the lagoon once the full reuse scheme is implemented.</p>