1. Introduction

The objective of the Lucky Bay Water Supply Management Plan (the “Plan”) is to address Council’s responsibilities in relation to the supply of drinking water to Lucky Bay by the means of on-supply of SA Mains Water from a Council owned metering point on Wilton Rd to the Lucky Bay Community (the “Service”).

Councils’ main responsibilities are;

- To provide a drinking water supply that is safe for human consumption (Sections 2 to 4 of the Plan address this requirement)
- To identify hazards, manage the associated risks and provide a reliable service to the Lucky Bay Community
- To notify SA Health of any incidents or risks to public (Section 4 of the Plan addresses this requirement)

The Safe Drinking Water Act 2011 commenced on 1 March 2013 to ensure that consumers are protected from exposure to unsafe drinking water. Under Section 14 of the Act Council is required to have a Risk Management Plan (RMP) approved by the Dept. for Health and ageing and have adopted and implemented a monitoring program that consists of;

- Operational monitoring (inspection and maintenance) and,
- An accident and incident identification and notification protocol

2. Description of Drinking Water Supply System and Hazard identification

Water is extracted from a SA Water main metering point on Wilton Rd. Water is then transferred approximately 6.6km via a 50mm UPVC Pipe to an enclosed concrete 125KL storage tank on Lucky Bay Boulevard immediately behind the shacks. The water level is maintained in the tank by means of a ball valve then gravity fed to a pump shed alongside the tank. Drinking water is pumped to consumers through an underground distribution system to Council owned meters which are plumbed into each of the shacks along the Lucky Bay foreshore. A schematic drawing of the supply system is shown at Figure 1.
The flowchart below identifies possible hazards at each stage of the supply process:

1. Water extracted from SA water mains pipe
   - No unusual hazards identified

2. Water transferred to storage tank
   - Contamination via ruptured pipe

3. Water stored in tank
   - Animals entering storage tank

4. Water pumped to consumers
   - Contamination via damaged pipe
4. Incident Identification and Notification Protocol
The table below documents the parameters, criteria and notification requirements should a risk to the quality of drinking water be detected. The Works Manager or a member of the Council Executive Management team will be responsible for notifications:

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Criteria</th>
<th>Notification Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contamination</td>
<td>Suspected contamination of drinking water due to dead animal in storage tank</td>
<td>Immediate notification to SA Health by telephone (8226 7192). Incident notification form to be submitted within 24 hours to <a href="mailto:waterquality@health.sa.gov.au">waterquality@health.sa.gov.au</a></td>
</tr>
<tr>
<td>Unidentified incident</td>
<td>Any other incident (not defined above) or where specific concerns exist over the quality of drinking water supply.</td>
<td>Immediate notification to SA Health by telephone (8226 7192). Incident notification form to be submitted within 24 hours to <a href="mailto:waterquality@health.sa.gov.au">waterquality@health.sa.gov.au</a></td>
</tr>
</tbody>
</table>

SIGNED:  
Chief Executive Officer
Date: 4/3/19
**Lucky Bay Water Supply Management Plan**

**Water CWMS Field Maintenance Log Book**

<table>
<thead>
<tr>
<th>Location:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Date:</td>
<td></td>
</tr>
<tr>
<td>Total Down-time:</td>
<td></td>
</tr>
<tr>
<td>Task No:</td>
<td></td>
</tr>
<tr>
<td>Staff Attending:</td>
<td></td>
</tr>
<tr>
<td>Contractors Attending:</td>
<td></td>
</tr>
</tbody>
</table>

Note: Review JSA's and checklist before commencing work.

- Call Out
- Routine Check
- Repair
- Maintenance
- Lagoon
- Treatment Plant
- Drains
- Rising Mains

**Description of Issue/Fault:**

- Works Undertaken:

- Materials Used:

- Suggestions for Improvement or Future Action:

- Other Comments:

<table>
<thead>
<tr>
<th>Check Items</th>
<th></th>
<th>Check Items</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Site left safe for public:</td>
<td>✓</td>
<td>System running:</td>
<td></td>
</tr>
<tr>
<td>Spill decontaminated:</td>
<td></td>
<td>Faults documented:</td>
<td></td>
</tr>
<tr>
<td>Sketch done for office:</td>
<td></td>
<td>Incidents noted:</td>
<td></td>
</tr>
</tbody>
</table>

I have been instructed in the relevant Job Safety requirements associated with the tasks to be performed and I have a clear understanding of the tasks to be performed and the hazard control measures required.