## Orange Raw Water Supply System OEMP: Annual Management Calendar

<table>
<thead>
<tr>
<th>ACTION</th>
<th>J</th>
<th>A</th>
<th>S</th>
<th>O</th>
<th>N</th>
<th>D</th>
<th>J</th>
<th>F</th>
<th>M</th>
<th>A</th>
<th>M</th>
<th>J</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PLANNING MEETINGS/MANAGEMENT</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DST Annual Review</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>WSSM</td>
</tr>
<tr>
<td>DST Quarterly Review</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>WSSM</td>
</tr>
<tr>
<td>Gauges - Contract</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>WTM</td>
</tr>
<tr>
<td>Internal audit</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>WTM</td>
</tr>
<tr>
<td>OEMP review following completion of Annual Review</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>WSSM</td>
</tr>
<tr>
<td>Independent Environmental Audit - See comment below</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>WSSM</td>
</tr>
</tbody>
</table>

### OPERATIONS

- **Check gauging station rating tables**
- **Summer environmental flow release**
- **Autumn environmental flow release**
- **Biannual inspection**

### MONITORING

- **Macquarie River Hydraulics**
  - Cobbs Hut Hole pool at the river gauge, and 2 downstream riffle sites - once only when conditions are suitable

- **Water Quality**
  - Site 15 - Suma Park Dam Offtake profiling - monthly
  - Site 15, Site 45, Site 46, Site 47 and Site 42 - monthly for 3 years
  - Site 45 and Site 42 - continuous logging

- **Aquatic Ecology**
  - Summer Hill Creek monitoring sites - 2 times per year in Autumn (mar-june) and spring (sept-dec)
  - Macquarie River monitoring sites
  - Fish assemblage sampling

- **Low Riffle Monitoring**
  - Riffle zone monitoring Summer Hill Creek - next due 2022

### Noise

- **Operational noise and vibration review** - triggered if verified noise complaint

### REPORTING

- **Groundwater level monitoring** - continuous during operation
- **Groundwater quality**
- **Scour Water** as required
- **DST - water year analysis**
- **DST - quarterly review**
- **Monthly extraction report**
- **Annual Review - completed by 1 September each year**

### Notes/OEMP Reference

- OEMP Section 3.2.2; DST (Attachment C)
- OEMP Section 3.2.2; DST (Attachment C)
- OEMP Section 3.2.3; HMP (Attachment E)
- OEMP Section 4.3
- OEMP Section 4.6; AMS (Attachment I)
- OEMP Section 4.3
- AEMP, Section 2.4 (Attachment D)
- AEMP, Section 2.4 (Attachment D)
- AEMP, Section 2.4 (Attachment D)
- AEMP, Section 2.5 (Attachment D)
- AEMP, Section 2.5 (Attachment D)
- AEMP, Section 2.5 (Attachment D)
- AEMP, Section 2.5 (Attachment D)
- AEMP, Section 2.6 (Attachment D)
- AEMP, Section 2.6 (Attachment D)
- Management Studies Section 2.1 (Attachment K)
- OEMP Section 3.2.7; GMP (Attachment J)
- OEMP Section 3.2.7; GMP (Attachment J)
- DST (Attachment C)
- Completed in July for next water year. DST [Attachment C]
- WSSM
- WSSM
- OEMP Section 4.4

### Responsibility

- WSSM = Water and Sewerage Strategic Manager
- WTM = Water Treatment Manager
- WCC = Water Compliance Coordinator
- WSE = Water and Sewer Engineer

* An extension was approved by DP&E on 17/10/2017. OCC are to notify DP&E on 6 monthly basis

Site 15 - Suma Park Dam Offtake
- Site 42 - Macquarie River Pump Station 1 Offtake at Cobbs Hut Hole
- Site 45 - Bulgas Road Suma Park Dam
- Site 46 - Third Crossing Suma Park Dam
- Site 47 - Ophir Reserve Suma Park Dam

---

Version 3.0

Issued: 15 June 2018

OEMP_CALENDAR_Version 3.0.xlsx

Page 1 of 1