

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

ACTION	Month												NOTES/OEMP REFERENCE	Responsibility		
	J	A	S	O	N	D	J	F	M	A	M	J				
<b>PLANNING MEETINGS/MANAGEMENT</b>																
DST Annual Review	■													OEMP Section 3.2.2; DST (Attachment C)	WSSM	
DST Quarterly Review				■			■			■				OEMP Section 3.2.2; DST (Attachment C)	WSSM	
Gauges - Contract	■													For the next water year. OEMP Section 3.2.3; HMP (Attachment E)	WTM	
Internal audit			■						■					OEMP Section 4.3	WCC	
Annual review meeting		■												OEMP Section 4.4.3.3	WSSM	
OEMP review following completion of Annual Review					■	■								OEMP Section 4.6; AMS (Attachment I)	WSSM	
Independent Environmental Audit - <i>See comment below</i>														OEMP Section 4.3	WSSM	
<b>OPERATIONS</b>																
Check gauging station rating tables	■			■			■			■				OEMP Section 3.2.3; HMP (Attachment E)	WTM	
Summer environmental flow release						■	■	■						OEMP Section 3.2.6; HMP (Attachment E)	WTS	
Autumn environmental flow release									■	■	■			OEMP Section 3.2.6; HMP (Attachment E)	WTS	
Biannual inspection		■						■						IMP (Attachment G)	WSE	
<b>MONITORING</b>																
<b>Macquarie River Hydraulics</b>																
Cobbs Hut Hole pool at the river gauge, and 2 downstream riffle sites - <i>once only when conditions are suitable</i>														Management Studies (Attachment K), Section 3	WSSM	
<b>Water Quality</b>																
Site 15 - Suma Park Dam Offtake profiling - <i>monthly</i>	■	■	■	■	■	■	■	■	■	■	■	■	■	AEMP, Section 2.4 (Attachment D)	WTM	
Site 15, Site 45, Site 46, Site 47 and Site 42 - <i>monthly for 3 years</i>	■	■	■	■	■	■	■	■	■	■	■	■	■	AEMP, Section 2.4 (Attachment D)	WTM	
Site 45 -and Site 42 - <i>continuous logging</i>	■	■	■	■	■	■	■	■	■	■	■	■	■	AEMP, Section 2.4 (Attachment D)	WTM	
<b>Aquatic Ecology</b>																
Summer Hill Creek monitoring sites - <i>2 times per year in Autumn (mar-june) and spring (sept-dec)</i>				Once in Spring					Autumn					AEMP, Section 2.5 (Attachment D)	WTM	
Macquarie River monitoring sites									Autumn					AEMP, Section 2.5 (Attachment D)	WTM	
Fish assemblage sampling														once per year at each site	AEMP, Section 2.5 (Attachment D)	WTM
<b>Low Riffle Monitoring</b>																
Riffle zone monitoring Summer Hill Creek - <i>next due 2022</i>														AEMP, Section 2.6 (Attachment D)	WTM	
<b>Noise</b>																
Operational noise and vibration review - <i>triggered if verified noise complaint</i>														if required	Management Studies Section 2.1 (Attachment K)	WSSM
<b>Bores</b>																
Groundwater level monitoring - <i>continuous during operation</i>	■	■	■	■	■	■	■	■	■	■	■	■	■	OEMP Section 3.2.7; GMP (Attachment J)	WTM	
Groundwater quality		■			■			■			■			OEMP Section 3.2.7; GMP (Attachment J)	WTM	
<b>REPORTING</b>																
Scour Water														as required	ScWMP (Attachment F)	WTM
DST - water year analysis	■													Completed in July for next water year. DST (Attachment C)	WSSM	
DST - quarterly review				■			■			■				DST (Attachment C)	WSSM	
Monthly extraction report	■	■	■	■	■	■	■	■	■	■	■	■	■	HMP (Attachment E)	WTM	
Annual Review - <i>completed by 1 September each year</i>			■											OEMP Section 4.4	WSSM	

WSSM = Water and Sewerage Strategic Manager

WTM = Water Treatment Manager

WTS = Water Treatment Supervisor

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