

Template

Proposal Content Document

Table 1: General proposal content description

Proposal title	Walpole New Source Water Abstraction Trial
Proponent name	Water Corporation
Short description	<p>Water Corporation propose to conduct a six-month water source abstraction trial to assess the long-term viability of a new water source for Walpole, Western Australia. The trial will be conducted during the summer peak water demand period and will use existing infrastructure. The source comprises three existing deep fractured rock bores located within the following Water Corporation Lots:</p> <ul style="list-style-type: none">• Bore 5/09 is located within the Swan Road reserve• Bore 3/20 is located within part of Lot on Plan P209284 12737• Bore 5/20 is located within part of Lot on Plan P064982 86. <p>The abstraction bores will be operated up to 24 hours, seven days a week to produce a total groundwater volume of up to 415 kL/day at an abstraction rate of up to 4.6 L/s.</p>

Table 2: Proposal content elements

Proposal element	Location / description	Maximum extent, capacity or range
Physical elements		
Groundwater Abstraction Bores	Figure 1	Existing abstraction bores 05/20, 03/20 and 05/09
Construction elements		
Not Applicable		
Operational elements		
Groundwater Abstraction	Figures 1 and 2	<p>Abstraction rate of up to 4.6 L/s to a maximum production capacity of up to 415 kL/day, 24 hours a day, seven days a week for six months.</p> <p>The modelled zone of influence from the proposed groundwater abstraction is shown in Figure 2. This report addresses the potential impacts to environmental values from the modelled groundwater drawdown within the zone of influence.</p>

Proposal elements with greenhouse gas emissions		
Construction elements:		
Not applicable		
Operation elements:		
Not applicable – estimated to be 24.5 tonnes of carbon dioxide produced over the 6-month trial (<100,000 tonnes per annum of CO ₂)		
Rehabilitation		
<i>Not applicable</i>		
Commissioning		
<i>Not applicable</i>		
Decommissioning		
<i>Not applicable</i>		
Other elements which affect extent of effects on the environment		
Proposal time*	Maximum project life	6 months
	Construction phase	Not applicable
	Operations phase	6 months
	Decommissioning phase	Not applicable

* Proponents should only provide realistic timeframes to avoid unnecessary change to proposal applications at referral (section 38C), assessment (section 43A) or post assessment (section 45C).