

Gavin Edwards

From: Angela Johnson <AJohnson@rutila.com.au>
Sent: Wednesday, 18 February 2015 9:24 PM
To: Gary Humphreys (gary.humphreys@water.wa.gov.au); LEACH Natalie; WALLACE-BELL Penny; MARTINEZ Claudia
Cc: Gavin Edwards; M Rapaic; kevin.hopkinson@water.wa.gov.au
Subject: PIOP/DoW Meeting Outcomes_150210

Hello all

Thanks again for meeting with Gavin and I last week regarding the Pilbara Iron Ore Project. I've summarised my notes from the meeting, and we have discussed these items internally. Please see the table below for proposed responses. Can you let me know if there is anything I may have missed, and also if you have any comments on the proposed responses?

Topic	Comment	Response
Tailings Disposal	DoW have some concern that only one sample was tested during the initial tailings testwork..	Flinders will include a commitment in the API Document that additional samples will be tested prior to TSF construction. The scope of this additional work will be determined in consultation with DoW and DMP.
	Baseline monitoring of groundwater downstream of the proposed TSF should be conducted prior to tailings disposal, with a preference for monitoring to occur over approximately 2 years prior, to provide information on seasonal and annual variations.	The API document will include a commitment for a minimum of 12 months of baseline monitoring, with a target of a 2 year monitoring period.
	Contingency options to be presented in the API in case monitoring results are not as predicted and increases in contaminants are recorded.	Contingency options will be described in the API document. These may include: <ul style="list-style-type: none"> • A new lined TSF; • Reconfiguring of process to a dry process; or • Tailings dewatering and dry-stacking into a waste rock landform
	Analysing the quality of tailings return water as an early warning of any elevated contaminants.	The API document will include a commitment for the regular analysis of tailings return water.
Dewatering and Recharge	It was understood that the figures to be presented in the upcoming API are expected to be worst-case scenario.	
	The API should include an assessment of what contingencies are available if dewatering volumes for some pits are greater than predicted.	Contingency options will be described in the API document. These may include: <ul style="list-style-type: none"> • Reducing mine pit depths; or • Reconfiguring of mine planning schedules
	DoW was generally accepting of Flinders' commitment to a Dewatering and Recharge Management Plan, to be submitted to OEPA and DoW for approval prior to the commencement of dewatering.	-

Letter of Intent to Grant	Current letter expires in May 2015, DoW suggested submitting request for extension as soon as possible, citing the upcoming API submission as justification for the request.	A request for extension has now been submitted to DoW.
Increase in groundwater licence amount	4 GL/yr has previously been assessed and accepted in-principle by DoW. An increase to approximately 5 GL/yr for the life of the project could be acceptable if Flinders can demonstrate that this abstraction is sustainable and will be subtracted from excess abstraction volumes, except in first couple of years where it will be pre-pit dewatering.	Flinders will investigate further and liaise with DoW as required. The increase will be included in the API document as an option however the 5C process will be nominated as the most suitable approval mechanism.

Kind regards
Ange.

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