

Rose-Anne Hawkeswood

From: David Boverman <David.Boverman@rfs.nsw.gov.au>
Sent: Tuesday, 11 June 2019 9:47 AM
To: Rose-Anne Hawkeswood
Subject: Narrabri Gas Project - Supplementary RTS

Hi Rose-Anne,

Thank you for sending the Supplementary RTS for this project to us for review and comment.

Based on our review we offer the following comments that the proponent should provide:

- details on flame length and radiant heat modelling for each vegetation community the well heads are located within;
- advice from a practicing engineer as to the heat exposure to adjacent hazards, based on the well head design & materials (including engineering sign off as being safe from the impact from bush fire);
- commentary on how under-ground coal seam fires ignite and best practice for suppressing said fires, noting that our preliminary research indicates that this is may be a possibility;
- radiant heat modelling for the gas flare device to provide information on radiant heat spread from the sides and top of the device. This should include further commentary of likely ignition from leaf litter being 'blown' over the flare device and should look at residual time the leaf needs to be over the flame/heat source for ignition to occur; and
- details on how related infrastructure (ie telecommunication towers, etc) will be protected from bush fires from a performance perspective.

If you have any questions or wish to discuss please let me know.

Kind Regards,
David



David Boverman | Manager | Development Planning & Policy
NSW RURAL FIRE SERVICE
Headquarters 4 Murray Rose Avenue Olympic Park 2127 | Locked Bag 17 Granville NSW 2142
P 02 8741 5445 **F** 02 8741 5433 **M** 0458 715 952 **E** david.boverman@rfs.nsw.gov.au
24 Hour Media Enquires 02 9898 1855
www.rfs.nsw.gov.au | www.facebook.com/nswrfs | www.twitter.com/nswrfs
PREPARE. ACT. SURVIVE.