

Out of Session Response

| | |
|----------------------|--|
| Reference: | 20140514_NCCC |
| Subject: | Meeting Action Items – Out of Session Response Narrabri CCC |
| Requested by: | David Ross Chair Narrabri CCC |
| Response: | <p>Item 1 – <i>The Committee would like a full water sample data from Leewood Bore including bacteria. The same suit of facts Santos is using in the landholder water sampling framework.</i></p> <ul style="list-style-type: none"> • A copy of the water sample results is attached – Attachment One |
| | <p>Item 2 – <i>With regard to the uranium accumulation at Bibblewindi</i></p> <p><i>a. What chemical in the leaking produced water caused the natural uranium to be transported into a larger mass?</i></p> <ul style="list-style-type: none"> • The water contained within Bibblewindi Pond 3 is carbonate-rich (similar to sea water) and therefore it has leaching capability. • This can result in the leaching of metals when interacting with soil. • There are no chemicals involved in this process other than those that occur naturally in the soil. <p><i>b. Has Santos analysed the ‘deposits’ at the bottom of the Bibblewindi No 3 dam to see what they contain. If so can Santos provide the CCC with an analysis?</i></p> <ul style="list-style-type: none"> • The analysis of the sediment in Bibblewindi Pond 3 has been undertaken and the material has been classified as general waste and disposed of within the criteria of that classification. <p><i>c. Where did the ‘natural uranium soil sample’ analysis come from that was used to determine the ‘natural levels’ of uranium in the soil at Bibblewindi Water Treatment Facility?</i></p> <ul style="list-style-type: none"> • Soil samples were taken during the installation process for the shallow groundwater monitoring bores around the Bibblewindi ponds. • Standard soil analysis tests do not include testing for Uranium. • However, if this element is detected in groundwater, subsequent testing of soils may be undertaken to determine the source. |

| | |
|---------------------------------|--|
| | <p>d. <i>In relation to the EHS Support on the potential leakage at Bibblewindi pond 3, the statements in the second half could be interpreted to conflict with the first half, especially when the report talks about lateral horizontal conductivity - Can you explain this?</i></p> <ul style="list-style-type: none"> • Without knowing specifically how the Committee member has interpreted the information, it is difficult to summarise the subject matter concisely. • Glenn Toogood, Team Leader Water is happy to provide further information and clarification as required directly with the Committee member. |
| <p>Briefing Officer:</p> | <p>Glenn Toogood Team Leader, Water</p> |