

EPL20350 Water Portal (Publishing) Corrections Log

**LICENCE HOLDER
PREMISES**

Santos NSW (Eastern) Pty Ltd
Narrabri Gas Field
X Line Road, NARRABRI NSW 2390

**LICENCE NUMBER
EPL LINK (EPA SITE)**

Environment Protection Licence 20350
<http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=33816&SYSUID=1&LICID=20350>

SCHEDULED ACTIVITY

Coal seam gas exploration, assessment and production

EPL PERIOD

May 1st 2018 to April 30th 2019

Santos Location	EPL Reference	Publishing Error	Date	Publication Correction Made
BWDMW12I	28	The field electrical conductivity result published in the quarterly Water Portal Report of 1458µS/cm was inconsistent with the Electrical Conductivity and Total Dissolved Solids results obtained from the laboratory.	24/09/2018	The laboratory electrical conductivity result of 16200µS/cm has been published on the quarterly Water Portal Report.
BWDMW13D	24	Data entry error. Potassium was entered as 16mg/L.	6/11/2018	The correct value of 15mg/L has been entered within the applicable water portal report. The correct value was verified from the laboratory certificate of analysis (COA).
BWDMW13D	24	Data entry error. Redox Potential was entered as - 5.4mV.	6/11/2018	This correct result of 15.3mV has been entered within the applicable water portal report. The correct value was verified from the field notes.
LWDMW3D	42	The field result obtained for Electrical Conductivity (632µS/cm) is inconsistent with the laboratory result for Electrical Conductivity and Total Dissolved Solids.	20/03/2019	The laboratory result obtained for the sampling event has been used in the applicable water portal report (Electrical Conductivity 924µS/cm).
WPKMW2	52	Field Dissolved Oxygen, field Electrical Conductivity, field pH and field Redox Potential were not published within the quarterly Water Portal Report.	26/09/2018	The field values obtained during the sampling event have been added to the applicable water portal report (Dissolved Oxygen 0.93mg/L, Electrical Conductivity 3519µS/cm, pH 7.83 and Redox Potential -2.2mV).

Santos Location	EPL Reference	Publishing Error	Date	Publication Correction Made
WPKMW13I	59	Data entry error. Standing Water Level was entered as 15.95mbTOC.	20/06/2018	The correct value of 16.95mbTOC has been entered into the applicable water portal report. Correct value was verified from the field notes of the sampler.
WPKMW15D	63	Date entry error. Standing water level was entered as 22.7mbTOC.	24/09/2019	The correct value of 22.27mbTOC has been entered into the applicable water portal report. Correct value was verified from the field notes of the sampler.
WPKMW15S	64	Data entry error. Field electrical conductivity was entered as 8075µS/cm.	20/06/2018	The correct value of 8875 µS/cm has been entered into the applicable water portal report. Correct value was verified from the field notes of the sampler.
WPKMW17D	67	The published data was incorrect in that additional data was required.	26/09/2018	The laboratory result obtained for the sampling event has been added to the applicable water portal report (Bromide 0.17mg/L).
BWD27 (SAMBs)	7 8 18	The Bibblewindi 27 SAMBs have been categorised under the incorrect EPL ID Numbers. Since publishing started on the water portal, BWD27PRORA01 was referred to as EPL Point 7, BWD27PRUPS02 as EPL Point 8 & BWD27PRLPS03 as EPL Point 18. In accordance with the licence, EPL Point 7 refers to BWD27PRUPS02 (not BWD27PRORA01), EPL Point 8 refers to BWD27PRLPS03 (not BWD27PRUPS02) & EPL Point 18 refers to BWD27PRORA01 (not BWD27PRLPS03).	2018/19	The correct identification numbers have been assigned to the BWD27 SAMBs.
BWD27PRLPS03	8	Data entry error. The laboratory pH value of 6.34 was published in the quarterly Water Portal Report.	21/01/2019	The field result of 5.37 has been entered within the applicable water portal report. The correct value was verified from the field notes.

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LWDPD1CELL2	73	The result for Nitrate was reported as 0.48 when the correct result of <0.1 should have been reported as per the laboratory results.	25/09/2018	The laboratory result obtained for the sampling event has been added to the applicable water portal report (Nitrate <0.1mg/L).
LWDPD1CELL3	72	The result for Nitrate was reported as <0.1 when the correct result of 0.48 should have been reported as per the laboratory results.	25/09/2018	The laboratory result obtained for the sampling event has been added to the applicable water portal report (Nitrate 0.48mg/L).
LWDPD1CELL3	72	The published data was incorrect in that additional data was required.	27/03/2019	The correct value for Total Phosphorus of 0.08mg/L has been entered within the applicable water portal report. The correct value was verified from the laboratory certificate of analysis (COA).
LWDPD1CELL4	71	The published data was incorrect in that additional data was required.	27/03/2019	The correct value for Total Phosphorus of 7.17mg/L has been entered within the applicable water portal report. The correct value was verified from the laboratory certificate of analysis (COA).
BWDMW3	30	The published data was incorrect in that additional data was required.	24/09/2018	The field values obtained during the sampling event have been added to the applicable water portal report (pH 5.65 and Redox Potential 5.7mV).
BWDMW4D	31	The published data was incorrect in that additional data was required	24/09/2018	The field values obtained during the sampling event have been added to the applicable water portal report (pH 5.66 and Redox Potential 74mV).
BWDMW12D	27	The published data was incorrect in that additional data was required	24/09/2018	The field values obtained during the sampling event have been added to the applicable water portal report (pH 7.08 and Redox Potential 82.5mV).

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BWDMW12I	28	The published data was incorrect in that additional data was required.	24/09/2018	The field values obtained during the sampling event have been added to the applicable water portal report (pH 7.08 and Redox Potential 36.6mV).
BWDMW15D	34	The published data was incorrect in that additional data was required.	24/09/2018	The field values obtained during the sampling event have been added to the applicable water portal report (pH 6.41 and Redox Potential -86mV).
BWDMW16D	36	The published data was incorrect in that additional data was required.	24/09/2018	The field values obtained during the sampling event have been added to the applicable water portal report (pH 5.59 and Redox Potential 160mV).
LWDMW1D	36	The published data was incorrect in that additional data was required.	24/09/2018	The laboratory result obtained for the sampling event has been added to the applicable water portal report (Bromide 1.18mg/L).
LWDPD1CELL1	74	The published data was incorrect in that additional data was required.	27/03/2019	The correct value for Total Phosphorus of 16mg/L has been entered within the applicable water portal report. The correct value was verified from the laboratory certificate of analysis (COA).
LWDPD1CELL2	73	The published data was incorrect in that additional data was required.	27/03/2019	The correct value for Total Phosphorus of 1.15mg/L has been entered within the applicable water portal report. The correct value was verified from the laboratory certificate of analysis (COA).