

Gloucester Coal Seam Gas Update

17 January 2015

Source documents

Sydney Morning Herald article regarding flowback water disposal

<http://www.smh.com.au/environment/agl-transpacific-probed-over-fracking-water-discharges-20150109-12jzcz.html>

What AGL says about Monoethanolamine

<http://yoursayagl.com.au/welcome-to-agls-online-community>

<http://www.abc.net.au/news/2015-01-16/epa-investigates-potential-groundwater-contamination-at-glouces/6020436>

AGL water monitoring report November 2014

http://www.agl.com.au/~media/AGL/About%20AGL/Documents/How%20We%20Source%20Energy/Gloucester%20Document%20Repository/EPL%20Monitoring%20Reports/20141210_GGP%20Water%20Monitoring%20Report%20%20%20Waukivory%20Pilot%20Project%20%20%20Fracture%20Stimulation%20and%20Flow%20Test%20%20%20November%202014%20%20%20Rev%20B.pdf

AGL water monitoring report January 2015

http://www.agl.com.au/~media/AGL/About%20AGL/Documents/How%20We%20Source%20Energy/Gloucester%20Document%20Repository/EPL%20Monitoring%20Reports/20150113_GGP%20Water%20Monitoring%20Report%20%20%20Waukivory%20Pilot%20Program%20%20%20%20Fracture%20Stimulation%20and%20Flow%20Test%20%20%20January%202015.pdf

Sydney Morning Herald article regarding Tolcide

<http://www.smh.com.au/environment/water-issues/agl-unable-to-monitor-csg-fracking-chemical-in-gloucester-project-20150119-12thfs.html>

Hunter Water letters to AGL

See following two pages.



Hunter Water Corporation
ABN 46 228 513 446

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17 February 2014

Our Ref: HW 2011-486/21/4

Brett Hayward
Environmental Advisor
AGL

Dear Mr Hayward

TANKER DISCHARGE OF WASTEWATER FROM HYDRAULIC STIMULATION ACTIVITIES

Hunter Water has reviewed the information provided by AGL and advises that the proposed wastewater from hydraulic simulation activities do not meet Hunter Water's criteria for tankered wastewater.

Hunter Water's wastewater treatment works are designed and licensed for the treatment of human effluent. Wastewater (flow back water) from hydraulic fracturing has the potential to adversely impact the wastewater treatment process and therefore Hunter Water's ability to meet its Environment Protection Licence conditions.

Therefore, Hunter Water will not be able to accept AGL's wastewater from hydraulic stimulation activities.

Yours faithfully

A handwritten signature in black ink, appearing to read "D. Taylor".

Dean Taylor
Chief Customer Services Officer



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30 September 2014

Brett Hayward
Environmental Advisor
AGL

Dear Mr Hayward

TANKER DISCHARGE OF WASTEWATER FROM HYDRAULIC STIMULATION ACTIVITIES

Hunter Water has received an enquiry from a tanker company requesting a suitable wastewater treatment plant to discharge groundwater from AGL's Gas Project in Gloucester.

AGL has previously been advised that the groundwater from hydraulic stimulation activities does not meet Hunter Water's criteria for tankered wastewater.

While Hunter Water's previous advice to AGL of the unsuitability of its treatment plants was well reported in the media, it appears some tanker companies need re-communicating. To prevent any further requests to Hunter Water, please communicate to all tanker companies engaged by AGL that Hunter Water is not to be approached as a potential disposal source for groundwater from the Gloucester Gas Project.

Yours faithfully

A handwritten signature in blue ink, appearing to read "Jeremy Bath".

Jeremy Bath
R/Chief Customer Service Officer