

Recordable Incidents Summary Report – Dukas 1 Gas Well Environmental Management Plan (EMP) (Ref: E2018/0022-0027)

The following information has been compiled to satisfy the reporting requirements for recordable incidents under Part 3, Division 1, Regulation 35 of the Petroleum (Environment) Regulations for the Dukas 1 Conventional Gas Well Environmental Management Plan (EMP) (Ref: E2018/0022-0027, Santos Ref: MAB-PLN-006, Revision 3). This is the first reporting period post approval of the EMP, and covers the period **15 February 2019 to 15 May 2019**.

SUMMARY OF RECORDABLE INCIDENTS UNDER SECTION 35 PETROLEUM (ENVIRONMENT) REGULATIONS QUARTERLY REPORTING FOR PERIOD 15/02/2019 TO 15/05/2019							
ENVIRONMENT MANAGEMENT PLAN – DUKAS 1 CONVENTIONAL GAS WELL ENVIRONMENTAL MANAGEMENT PLAN (E2018/0022-0027)							
Incident Date (dd/mm/yy)	Area / Location	Incident Summary	Actual Consequence (From Risk Assessment) ¹	Corrective Actions	Relevant Environment Performance Standard	Effect on Relevant Environmental Outcome	Other Regulator Notification
10/05/19	Dukas 1 Well Site	A kink in the hose carrying grey water from the bio septic system to the irrigation sprinklers caused the unit to back up, resulting in 0.25kL of grey water being released to the hardstand area.	I – Negligible	Kink removed from hose, release contained, hardstand area cleaned up, and hoses from the bio septic system re-run and secured to ground to prevent potential movement and re-occurrence of the kinking.	Any spills contained and remediated.	No effect.	Not required.
23/04/19	Dukas 1 Well Site	A valve misalignment whilst transferring cement and water between mix tanks through a centrifugal pump caused one of the tanks to overflow, resulting in 0.79kL of cement and water mix being released to the hardstand area.	I – Negligible	Centrifugal pump shut down, release contained and hardstand area cleaned up. JSA reviewed with crew and ongoing discussion on ensuring the lines are walked before starting the fluid transfer.	Any spills contained and remediated.	No effect.	Not required.
18/04/19	Dukas 1 Well Site	The charge pump was activated on completion of a drill pipe connection. However, the suction screen on the mud pump was still being cleaned when the pump was activated, resulting in 0.47kL of drilling mud being released to the hardstand area.	I – Negligible	Charge pump shut down, release contained, hardstand area cleaned up, standard operating procedure (SOP) reviewed with all crew, expectations set for crews to follow SOP including raising a permit to inspect and clean the suction screens.	Pre-spud checks / pre-job checks when transferring mud. Any spills contained and remediated.	No effect.	Not required.
10/04/19	Dukas 1 Well Site	A minor crack in the outer skin of the tank mounts on a Contractor's fuel tank caused a slow weep of diesel fuel, resulting in 0.005kL being released to the hardstand area.	I – Negligible	Drip tray and soaker pads installed to contain and capture fuel, fuel transferred from the faulty tank into a temporary Santos tank while new tank was sourced by Contractor. Hardstand area cleaned up, and bund matting was placed under all fuel storage tanks. A suitable replacement tank has now been deployed.	Fuel and other lubricants will be appropriately stored and managed, in accordance with AS1940. Any spills contained and remediated.	No effect.	Not required.
08/03/2019	Dukas 1 Access (Water Bore)	A seal fault on the water bore generator caused a minor lubricant leak, which was identified during routine checks, resulting in 0.1kL of lubricant released to the hardstand area.	I – Negligible	Generator shut down and checked for further leaks, spill mats employed to contain and capture residual drips, and a replacement power source installed while generator was being repaired. The unit was repaired and returned to service.	Fuel and other lubricants will be appropriately stored and managed, in accordance with AS1940. Any spills contained and remediated.	No effect.	Not required.

¹To be attached to the incident & report/advice.