

Notifiable incident

Incident ID [4776](#)

Duty holder: Woodside Energy Ltd
Facility/Activity: Greater Western Flank Phase 2 Tieback
Facility type: Petroleum Activity

Incident details	
Division	Environmental Management
Notification type	Incident
Incident date	28/11/2016 03:15 PM (WST)
Notification date	28/11/2016 03:22 PM (WST)
NOPSEMA response date	28/11/2016 03:22 PM (WST)
Received by	
Nearest state	WA
Initial category type <i>(based on notification)</i>	Environment Reportable
Initial category <i>(based on notification)</i>	EM - hydrocarbon vapour / petroleum liquid release
3 Day report received	28/11/2016
Final report received	01/12/2016
All required data received	01/12/2016
Final category type <i>(based on final report)</i>	Environment Reportable
Final category <i>(based on final report)</i>	EM - hydrocarbon vapour / petroleum liquid release
Brief description	EM-HC Release from Clean water discharge tank
Location	Deck
Subtype/s	Spill
Summary <i>(at notification)</i>	At about 09.00hrs on 28/11/2016, a visible sheen was noticed on the surface of the water in the area of the Atwood Osprey drilling rig working for Woodside Energy Ltd. At about 15.15hrs it was finally confirmed that the discharge was originating from the Atwood Osprey. The volume of the release was calculated to be about 106 litres from the size of the sheen. All of the deck drains drain into the clean water discharge tank. The outlet overboard from this tank is monitored by a detector which is set at 15ppm. The line containing the detector was found to be blocked which prevented the overboard discharge from being monitored. When the line was cleared, the detector worked normally, the discharge was stopped and redirected to the oily water separator. The sample from the oil found floating on the surface of the water in the tank appeared to contain a smelly mixture of diesel, lubricating oil and base oil.
Details <i>(from final report)</i>	THIS INCIDENT IS ALSO AN OHS RELEASE #4777 At about 09.00hrs on 28/11/2016, a visible sheen was noticed on the surface of the water in the area of the Atwood Osprey drilling rig working for Woodside Energy Ltd. At about 15.15hrs it was finally confirmed that the discharge was originating from the Atwood Osprey. The volume of the release was calculated to be about 106 litres from the size of the sheen. All of the deck drains drain into the clean water discharge tank. While draining the "clean water tank: the sensor tube became blocked preventing the sensor from detecting hydrocarbons. Tank contained deck drain water. Action taken:- Normally the sensor would stop outlet at 15ppm HC. Sensor feed tube was unblocked which caused an alarm on the V.M.S. and a reading of 30ppm HC was detected. Confirmed that the system now functions correctly and discharge valve closes at a sensor reading over 15ppm.
Immediate cause/s	Oil discharge monitor detector pipe blocked preventing normal operation.

Root cause/s	
Root cause description	
Release type	Hydraulic/fuel oil
Liquid (L)	106

Duty inspector recommendation

Date	28/11/2016
Duty inspector	
Recommendation	Do not conduct Major Investigation
Reasoning	Does not meet MI threshold based on information received
Supporting considerations	

Major investigation decision

Date	29/11/2016
Decision	Do not conduct Major Investigation
Reasoning	Does not meet MI threshold based on information received
Supporting considerations	

Non-major investigation review and recommendation

Date	29/11/2016
Inspector	
Risk gap	Moderate
Type of standard	Defined
Initial strategy	Investigate within 45 days

Recommended follow up strategy

Recommended strategy	Investigate within 45 days
Supporting considerations	This activity is due to be inspected next week (ie 5 Dec 2016) onshore by the D&D team. This incident should be inspected at that time, particularly given numerous notifications of 'information provided to NOPSEMA' in the past several weeks re discharges from the Atwood Osprey. Related notification - 4767. Inspection team should review the 3 day report for this incident.

Non-major investigation decision

Date	28/11/2016
RoN	
RoN review result	Agree with recommendation
Strategy decision	Investigate within 45 days
Supporting considerations	To be included in the scope for upcoming inspection 1520.

Associated inspection

Inspection ID	1520
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