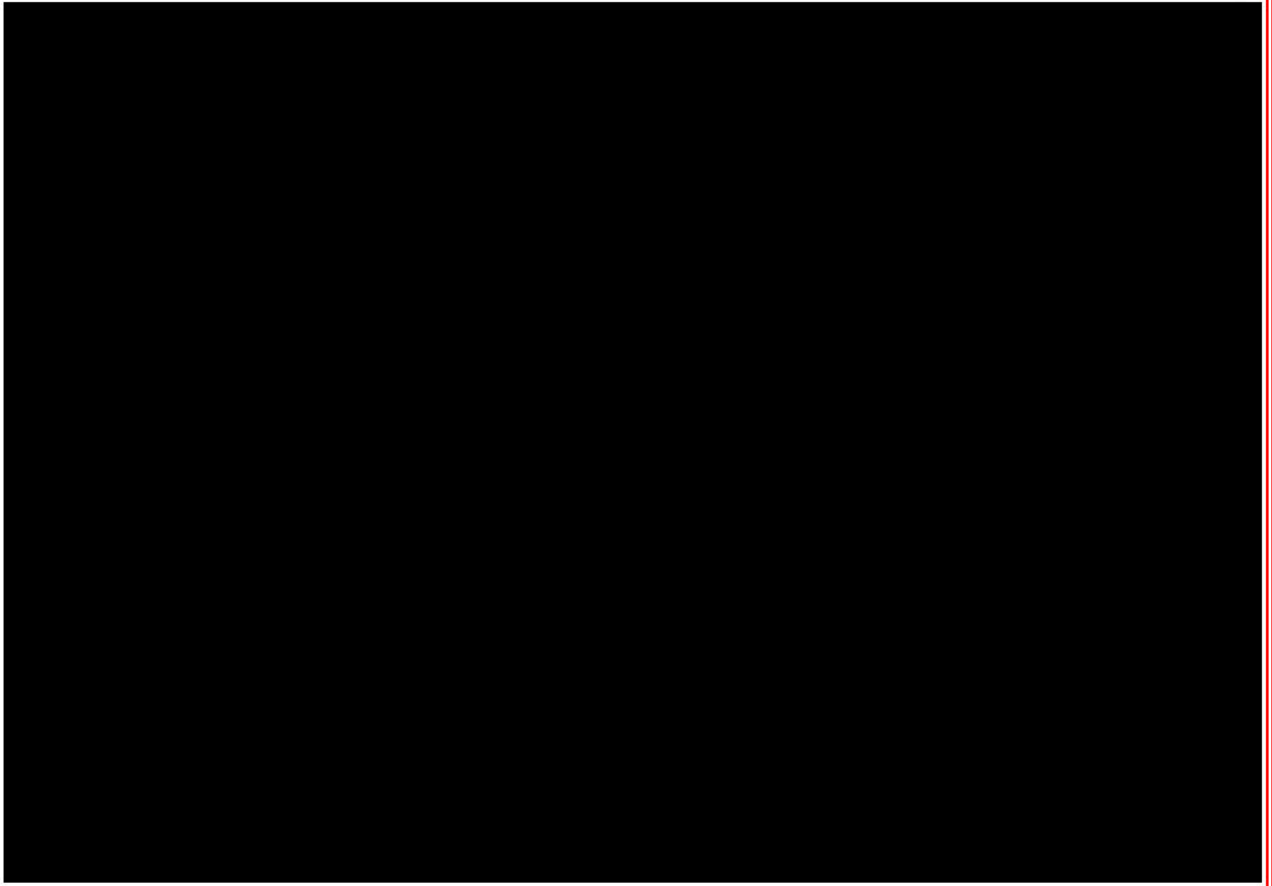


“Produced Water Line Dropped 450mm Due to Pipe Support Failure” - 5 Why Incident Investigation

MyOSH #	003169	
Incident	Produced Water line dropped (450mm) due to failure of pipe support	
Classification	Near Miss	
	INJURY, COMMUNITY COMPLAINT, ENVIRONMENT, EQUIPMENT, NEAR MISS, PRODUCTION, SECURITY	
Category	ACTUAL: [REDACTED]	POTENTIAL: [REDACTED]
Date Raised	04/07/2019	
Investigation lead	[REDACTED]	
Investigation team members	[REDACTED]	
Equipment / Plant Area	Cargo Deck – STB Side	
Description of event	<p>During ongoing corrosion remediation HP blasting was being performed on the supporting columns for the central walkway (Orchard Rd Bridge). Water blasting was being performed on the 4th Stbd Column when the angle pipe support attached to the column failed, causing the pipe to shift downwards 450mm.</p> <p>[REDACTED]</p>	
Facts and Timeline	<p>2015</p> <p>– Last inspection of pipe supports in area. Follow up re-inspection recommended for 2021. (Details provided by [REDACTED])</p> <p>1/7/19</p> <p>Email directive given to [REDACTED] by client advisor (NOGA) to commence blasting operations on Orchard Road bridge structures.</p> <p>3/7/2019</p> <p>Permit created – HW-64882 - UHP Blasting Orchard Road Bridge structure</p> <p>4/7/2019</p> <p>08:30 – Permit sign on.</p> <p>09:30 – Work commenced – started on Column 1 Stbd & Column 1 Pt</p> <p>12:00 – Lunch</p>	

**Contributing
Factors**



Impact

Pipe support failed causing line to drop approx..450mm

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	Why did the above happen?	Verification
Why 1	<i>LP Prod Water pipe support failed – line dropped 450mm</i>	<i>Photos, Witness Statements</i>
Why 2	<i>Pipe support / structural fixing impacted by HP Water Blasting operation.</i>	<i>Photos, Permit to Work, Witness Statement</i>
Why 3		
Why 4		
Why 5		

Actions

Task	Owner	Scheduled date
		<i>10/07/2019</i>
		<i>10/07/2019</i>
		<i>31/10/2019</i>
		<i>30/09/2019</i>

