

Onderzoeks planning

Planning Investigation incident spill Farmsum version 2018-12-21		2018										2019					Remarks							
		OCT				NOV				DEC		JAN						FEB						
		40	41	42	43	44	45	46	47	48	49	50	51	52	1	2		3	4	5	6	7	8	9
Investigate and analyse		<ul style="list-style-type: none"> Determine scope, type of investigation, team and ToR Investigate incident / fact finding <ul style="list-style-type: none"> Interviews Data analysis Drawings and documents State of the art review; and follow-up conclusion Building Timelines Building Causal tree Health risk investigation RAM evaluation for actual and potential risks OIC sessions for PU (direct involved ops, eng, LT) OIC sessions for Asset Groningen, Land, ONEgas, LT's 																						
External investigation		<ul style="list-style-type: none"> Strafrechtelijk onderzoek OM Bestuursrechtelijk onderzoek SodM 																						
Reporting		<ul style="list-style-type: none"> Generate and select recommendations Prepare report/slide pack Causal Learning for IRP Perform IRP session Report out in-depth incident investigation to retain learnings 																						
Learning from Incident		<ul style="list-style-type: none"> preliminary high level communication to asset preliminary communication DLZTP operation and review prepare and report Newsflash to NAM assets and Shell prepare and report LFI 																						
After action review		<ul style="list-style-type: none"> AAR with investigation teams and investigation owner 																						

done
 planned

two investigation inside and outside the fence

21 interviews held
 PI, DCS, SAP, logbooks, malfunctioning; 400+ emails
 PEFS, HAZOPS, Design analysis & history; 100+ docs
 Design and use of Tanks and drainsystem
 for inside and outside the fence, covering 1991-2018
 for inside and outside the fence
 by Shell health, via legal counsel
 for People, Environment, Community and Asset
 Observation, Insight, Conclusion and causes to be actioned

planning unknown
 weekly update meeting and visit for status update 25/10, 27/11

IRP - Incident Review Panel with NAM LT
 to be decided what format internal and external

6/11
 8/11
 Early insights and recommendations alert
 Decide which learnings should be shared more widely