Number of cases: 1

BW Offshore

Case no.     7597       Unit in charge     Brazil - Vessel - Polvo       Person in charge     Status       Status     Processing       Internal deadline     27/05/2019       Where and What     Date       Date     27/03/2019 07:36       Location     Brazil - Vessel - Polvo       Title     Sewage samples analyzes report received with results out of specification.       Gase description     Sewage samples analyzes report received with results out of specification.       How revealed     Observation       Major non-conformity     No       Case categorisation     Other releases to the Environment       Responsible unit     Brazil - Vessel - Polvo       Contact person     ProdSupin POL       Proposed action     See actions       General classifications     General classifications       Requirements     Instructions       Requirements description     Sewage treatment plant       Manufacturer     Other       Equipment involved     Other       Equipment description /     Sewage treatment plant       Manufacturer     Consequence type     Consequence type severity       Consequences     Consequence type     Consequence type severity       Consequence     Consequence     Loss fGain loss/gain 0       Loss potential	Quality management - N	lonconformity	Ø 2			
Person in charge Status Processing Internal deadline 27/05/2019 Where and What Date 27/03/2019 07:36 Location Brazil - Vessel - Polvo Title Sewage samples out of specification Case description Sewage samples analyzes report received with results out of specification. How revealed Observation Major non-conformity No Case categorisation Other releases to the Environment Responsible unit Brazil - Vessel - Polvo Contact person ProdSupIn POL Proposed action See actions General classifications Requirements Instructions Requirements description System involved Sto - 69 Utility Systems - 66 Sewage treatment System description / Sewage treatment plant Manufacturer Consequence/Actual severity Consequence frequency Loss potential Most probable recurrence frequency Loss potential Most probable recurrence frequency Loss potential Prossible further Consequence further in the severity Consequence in the severity Consequenc	Case no.	7597				
Status     Processing       Internal deadline     27/05/2019       Where and What     27/03/2019 07:36       Date     27/03/2019 07:36       Location     Brazil - Vessel - Polvo       Title     Sewage samples out of specification       Case description     Sewage samples analyzes report received with results out of specification.       How revealed     Observation       Major non-conformity     No       Case categorisation     Other releases to the Environment       Responsible unit     Brazil - Vessel - Polvo       Consequences     OrdSupIn POL       Proposed action     See actions       General classifications     Requirements       Requirements     Instructions       Requirements description     Sewage treatment plant       System involved     50 - 69 Utility Systems - 66 Sewage treatment       System involved     So - 69 Utility Systems - 66 Sewage treatment       System involved     So - 69 Utility Systems - 66 Sewage treatment       System involved     So - 69 Utility System - 66 Sewage treatment       System involved     So - 69 Utility System - 66 Sewage treatment       System involved     So - 69 Utility System - 66 Sewage treatment       System involved     Sewage treatment plant       Manufacturer     Consequence type     Consequence type     Consequence typ	Unit in charge	Brazil - Vessel - Polvo				
Internal deadline 27/05/2019   Where and What   Date 27/03/2019 07:36   Location Brazil - Vessel - Polvo   Title Sewage samples out of specification   Case description Sewage samples analyzes report received with results out of specification.   How revealed Observation   Major non-conformity No   Case categorisation Other releases to the Environment   Responsible unit Brazil - Vessel - Polvo   Contact person ProdSupIn POL   Proposed action See actions   General classifications Instructions   Requirements Instructions   Requirements description Sewage treatment plant   Maufacturer Sewage treatment plant   Consequence/Actual severity Consequence type   Consequence/Actual severity Consequence type   Consequence frequency Loss potential   Most probable recurrence frequency Possible further severity   Loss potential Possible further consequence	Person in charge					
Where and What       27/03/2019 07:36         Date       27/03/2019 07:36         Location       Brazil - Vessel - Polvo         Title       Sewage samples out of specification         Case description       Sewage samples analyzes report received with results out of specification.         How revealed       Observation         Major non-conformity       No         Case categorisation       Other releases to the Environment         Responsible unit       Brazil - Vessel - Polvo         Contact person       ProdSupI POL         Proposed action       See actions         General classifications       Requirements         Requirements       Instructions         Requirements description       Source type of 9 Utility Systems - 66 Sewage treatment         System involved       50 - 69 Utility Systems - 66 Sewage treatment         System description       Equipment involved         System description /       Sewage treatment plant         Manufacturer       Consequence type Consequence Loss Gain loss/gain         Consequences/Actual severity       Consequence type Severity (USD) (USD)         Estimated financial loss/gain       0       0         Loss potential       Possible further consequence consequence consequence consequence consequence consequence       Severity conseq	Status	Processing				
Date       27/03/2019 07:36         Location       Brazil - Vessel - Polvo         Title       Sewage samples out of specification         Case description       Sewage samples analyzes report received with results out of specification.         How revealed       Observation         Major non-conformity       No         Case categorisation       Other releases to the Environment         Responsible unit       Brazil - Vessel - Polvo         Contact person       ProdSupIn POL         Proposed action       See actions         General classifications       Instructions         Requirements       Instructions         Requirements description       So - 69 Utility Systems - 66 Sewage treatment         System involved       50 - 69 Utility Systems - 66 Sewage treatment         System involved       So - 69 Utility Systems - 66 Sewage treatment         System involved       Other         Equipment involved       Other         Equipment description /       Sewage treatment plant         Manufacturer       Consequence type       Consequence Loss Gain loss/gain         Consequence/Actual severity       Consequence type       Severity (USD)         Estimated financial loss/gain       0       0         Loss potential       Possible furt	Internal deadline	27/05/2019				
Location       Brazil - Vessel - Polvo         Title       Sewage samples out of specification         Case description       Sewage samples analyzes report received with results out of specification.         Major non-conformity       No         Case categorisation       Other releases to the Environment         Responsible unit       Brazil - Vessel - Polvo         Contact person       ProdSupIn POL         Proposed action       See actions         General classifications       Requirements         Requirements       Instructions         Requirements       Sewage treatment         System involved       50 - 69 Utility Systems - 66 Sewage treatment         System involved       Sewage treatment plant         Manufacturer       Sewage treatment plant         Consequences       Consequence type       Consequence Loss       Gain (USD)         Consequence/Actual severity       Consequence type       Consequence severity       GuSD)       Gain (USD)         Loss potential       Possible further consequence       Possible further severity       0       0	Where and What					
Title       Sewage samples out of specification         Case description       Sewage samples analyzes report received with results out of specification.         How revealed       Observation         Major non-conformity       No         Case categorisation       Other releases to the Environment         Responsible unit       Brazil - Vessel - Polvo         Contact person       ProdSupIn POL         Proposed action       See actions         General classifications       Requirements         Requirements       Instructions         Requirements description       So - 69 Utility Systems - 66 Sewage treatment         System involved       50 - 69 Utility Systems - 66 Sewage treatment         System description       Equipment involved         Equipment involved       Other         Equipment description /       Sewage treatment plant         Manufacturer       Consequences         Comments       Consequence type       Consequence severity       Loss       Gain (USD)         Loss potential       Nost probable recurrence frequency       Loss potential       0       0	Date	27/03/2019 07:36				
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Major non-conformity       No         Case categorisation       Other releases to the Environment         Responsible unit       Brazil - Vessel - Polvo         Contact person       ProdSupIn POL         Proposed action       See actions         General classifications       Requirements         Requirements       Instructions         Requirements description       So - 69 Utility Systems - 66 Sewage treatment         System involved       50 - 69 Utility Systems - 66 Sewage treatment         System description       Equipment involved         Equipment involved       Other         Equipment description /       Sewage treatment plant         Manufacturer       Consequences         Consequence/Actual severity       Consequence type Consequence Loss Gain loss/gain         Consequence/Actual severity       Consequence type Consequence Loss Gain loss/gain         loss/gain       0         Loss potential       Possible further consequence         Most probable recurrence frequency       Loss potential         Loss potential       Possible further consequence	Case description	Sewage samples analyzes report received with results out of specification.				
Case categorisation       Other releases to the Environment         Responsible unit       Brazil - Vessel - Polvo         Contact person       ProdSupIn POL         Proposed action       See actions         General classifications       Requirements         Requirements       Instructions         Requirements description       System involved         System description       50 - 69 Utility Systems - 66 Sewage treatment         System description       Equipment involved         Equipment involved       Other         Equipment description /       Sewage treatment plant         Manufacturer       Consequences         Comments       Consequence type         Consequence/Actual severity       Consequence type       Consequence Loss Gain loss/gain         loss/gain       0       0         Loss potential       Possible further consequence       Loss potential	How revealed	Observation				
Responsible unit       Brazil - Vessel - Polvo         Contact person       ProdSupIn POL         Proposed action       See actions         General classifications       Instructions         Requirements       Instructions         Requirements description       50 - 69 Utility Systems - 66 Sewage treatment         System involved       50 - 69 Utility Systems - 66 Sewage treatment         System description       Equipment involved         Equipment description /       Sewage treatment plant         Manufacturer       Consequences         Comments       Consequence type       Consequence Loss       Gain (USD)         Consequence/Actual severity       Consequence type       Loss Gain (USD)       0       0         Loss potential       Most probable recurrence frequency       Possible further consequence       Possible further severity	Major non-conformity	No				
Contact person       ProdSupIn POL         Proposed action       See actions         General classifications       Instructions         Requirements       Instructions         Requirements description       50 - 69 Utility Systems - 66 Sewage treatment         System involved       50 - 69 Utility Systems - 66 Sewage treatment         System description       Equipment involved         Equipment description /       Sewage treatment plant         Manufacturer       Sewage treatment plant         Consequences       Consequence type       Consequence Loss Gain (USD) (USD)         Consequence/Actual severity       Consequence type       Severity (USD) (USD)         Estimated financial loss/gain       0       0         Most probable recurrence frequency       Possible further consequence consequence       Possible further severity	Case categorisation	Other releases to the Environment				
Proposed action       See actions         General classifications       Instructions         Requirements       Instructions         Requirements description       50 - 69 Utility Systems - 66 Sewage treatment         System description       Equipment involved       Other         Equipment description /       Sewage treatment plant       Sewage treatment plant         Manufacturer       Consequences       Consequence type       Consequence consequence (USD) (USD)       Gain (USD)         Estimated financial loss/gain       0       0         Loss potential       Possible further consequence       Possible further severity	Responsible unit	Brazil - Vessel - Polvo				
General classifications         Requirements       Instructions         Requirements description       50 - 69 Utility Systems - 66 Sewage treatment         System involved       50 - 69 Utility Systems - 66 Sewage treatment         System description       Equipment involved         Equipment involved       Other         Equipment description /       Sewage treatment plant         Manufacturer       Consequences         Consequences       Consequence type       Consequence Loss Gain (USD) (USD)         Estimated financial loss/gain       0       0         Most probable recurrence frequency       Possible further consequence       Possible further severity	Contact person					
Requirements       Instructions         Requirements description       50 - 69 Utility Systems - 66 Sewage treatment         System description       Equipment involved         Equipment involved       Other         Equipment description /       Sewage treatment plant         Manufacturer       Sewage treatment plant         Consequences       Consequence type       Consequence Loss Gain (USD) (USD)         Consequence/Actual severity       Consequence type Severity (USD) (USD)       0         Loss potential       Possible further consequence       Possible further severity	Proposed action	See actions				
Requirements description       50 - 69 Utility Systems - 66 Sewage treatment         System description       Equipment involved         Equipment involved       Other         Equipment description /       Sewage treatment plant         Manufacturer       Sewage treatment plant         Consequences       Consequence type         Consequence/Actual severity       Consequence type         Loss potential       Vertication of the severity         Most probable recurrence frequency       Loss potential         Loss potential       Possible further consequence	General classifications					
System involved       50 - 69 Utility Systems - 66 Sewage treatment         System description       Equipment involved         Equipment involved       Other         Equipment description /       Sewage treatment plant         Manufacturer       Sewage treatment plant         Consequences       Consequence type         Consequence/Actual severity       Consequence type         Consequence frequency       Loss potential         Most probable recurrence frequency       Possible further consequence         Loss potential       Possible further consequence	Requirements	Instructions				
System description       Equipment involved       Other         Equipment description /       Sewage treatment plant         Manufacturer       Sewage treatment plant         Consequences       Consequence type       Consequence         Consequence/Actual severity       Consequence type       Consequence loss         Goss potential       Kost probable recurrence frequency       Loss potential         Most probable recurrence frequency       Possible further consequence       Possible further severity	Requirements description					
Equipment involved       Other         Equipment description /       Sewage treatment plant         Manufacturer       Sewage treatment plant         Consequences       Consequence type         Consequence/Actual severity       Consequence type         Consequence/Actual severity       Consequence type         Loss potential       Value         Most probable recurrence frequency       Possible further consequence         Loss potential       Possible further consequence	System involved	50 - 69 Utility Systems - 66 Sewage treatment				
Equipment description / Sewage treatment plant Manufacturer Consequences Comments Consequence /Actual severity Consequence type Consequence type Consequence Loss severity Estimated financial loss/gain 0 0 0 0	System description					
Manufacturer         Consequences         Consequence/Actual severity       Consequence type       Consequence Loss Gain (USD)         Estimated financial loss/gain       0       0         Most probable recurrence frequency       Possible further consequence       Possible further consequence	Equipment involved	Other				
Comments       Consequence type       Consequence       Loss       Gain         Consequence/Actual severity       Consequence       Loss       Gain         Loss potential       0       0       0         Most probable recurrence frequency       Possible further       Possible further         Loss potential       Possible further       Possible further		Sewage treatment plant				
Consequence/Actual severity       Consequence type       Consequence Loss Gain (USD) (USD)         Estimated financial loss/gain       0       0         Most probable recurrence frequency       Possible further consequence       Possible further severity	Consequences					
Loss potential       Possible further consequence       Possible further consequence         Possible further consequence       Possible further consequence	Comments					
Loss potential         Most probable recurrence frequency         Loss potential       Possible further consequence         Possible further consequence	Consequence/Actual severity	Consequence type severity (USD) (USD) Estimated financial				
Loss potential Possible further consequence Possible further severity	Loss potential					
Loss potential Possible further consequence Possible further severity	Most probable recurrence frequency					
Causes		Possible further severity				
	Causes					
Cause description	Cause description					
Causes Category Causes Comments	Causes	Category Causes Comments				
Actions	Actions					
Action 1	Action 1					
Type Preventive	Туре	Preventive				
Deadline 09/04/2019		09/04/2019				
Completed						

Responsible unit	Brazil - Vessel - Polvo				
Action description Comments	2 - Adjust dosing pump of SODIUM	esidual between 3-5 ppm on last sewage chamber. HYPOCHLORITE 12% and test / report the chlorine lled `` CHLORINE AMPOULE TEST KIT – PCN 0364018 ``.			
	3 - Install a dosing pump (16 bar / 0 tank ( 60 L – PCN 0123457 ) set, av	11 liter per hour – CONCEPT PLUS – PCN PR00149 ) and ailable on DREW product line, to inject Sodium tank as system is available for only black water sewage			
	tank.				
Status	Proposal				
Person responsible for action	ProdSupIn POL				
Action 2					
Туре	Preventive				
Deadline	31/05/2019				
Completed					
Responsible unit	Brazil - Vessel - Polvo				
Action description	2) SEWAGE TANK CLEANING				
Comments	Perform chemical cleaning procedure	e and evaluate if is required any mechanical cleaning.			
Status	Proposal				
Person responsible for action	ProdSupIn POL				
Action 3					
Туре	Preventive				
Deadline	30/04/2019				
Completed					
Responsible unit	Brazil - Vessel - Polvo				
Action description	3) Review along with Camp Boss the use of cleaning chemicals onboard FPSO				
Comments	Raise a procedure to make sure the	use of ENVIROCARE VTC 4000 for daily toilet cleanings al chemical, priorize the use of neutral pH chemicals			
Status	Proposal	Raine, acids etc. j.			
Person responsible for action	ProdSupIn POL				
Action 4	· ·				
Туре	Preventive				
Deadline	30/04/2019				
Completed					
Responsible unit	Brazil - Vessel - Polvo	un and un income la clara a con Causa a Tractor ad alant			
Action description	Manual .	um and maximum levels as per Sewage Treatment plant			
Comments		there's any recommendation to discharge the sludge on nended minimum and maximum levels.			
Status	Proposal				
Person responsible for action	ProdSupIn POL				
Attached documents					
Attached documents	Title	Document name/URL/Address/Link			
	Evidence 1	Laudos efluentes sanitarios - FPSO 2018.zip			
	Evidence 2	RE Campanhas Efluentes Sanitários Análises			
		Água de Produção ( SUGGESTED ACTION PLAN ).msg			
Comments					
Comments	No. Date/time Name Comment				
Case processing					
Case processing		Date carried Date carried			
	No lype (arried out by	Date carried out (local Forwarded to out time)			

4	Case mailed	ProdSupIn POL	28/03/2019 23:34	28/03/2019 19:343:00	
	Forwarded	ProdSupIn POL	28/03/2019 23:34	28/03/2019 19:343:00	Brazil - Vessel - Polvo
2	Processing started	ProdSupIn POL	28/03/2019 23:34	28/03/2019 19:343:00	
1	Registered	ProdSupIn POL	28/03/2019 23:34	28/03/2019 19:343:00	