



Red Hill Bulk Fuel Storage Facility Defuel Schedule (current as of 2/27/2023)

ID	Task Name	Duration	Start	Finish	Predecessor	Successor	%	Schedule																																	
								Half 1, 2022			Half 2, 2022			Half 1, 2023			Half 2, 2023			Half 1, 2024			Half 2, 2024																		
								D	J	F	M	A	M	J	A	S	O	N	D	F	M	A	M	J	A	S	O	N	D	J	F	M	A	M	J	J	F	M	A	M	J
39	Spill Plan Approval DOH & EPA (SPCC/FRP/CP)*	20 days	Mon 10/24/22	Fri 11/18/22	38	119	100%																																		
44	DOD Review & Address Comments (Concurrence on Repairs)	19 days	Tue 11/8/22	Fri 12/2/22	43	45	100%																																		
50	DOD Review & Address Comments (3rd Party QV)	10 days	Thu 11/10/22	Fri 12/9/22	48	49	100%																																		
45	DOH Concurrence on Repairs*	10 days	Mon 12/5/22	Fri 12/16/22	44	96,94	90%																																		
49	DOH Concurrence on 3rd Party QV Plan*	5 days	Wed 1/18/23	Tue 1/24/23	50		100%																																		
51	<b>Assessment, Evaluation, and Analysis Items</b>	<b>291 days</b>	<b>Mon 1/3/22</b>	<b>Mon 2/13/23</b>			<b>100%</b>																																		
53	Confirm dresser couplings can seal under vacuum conditions (SGH #8)	15 days	Mon 5/2/22	Sun 5/22/22		94,96	100%																																		
57	Perform Borescope examination of underground FOR pipeline near Adit 3 (FOR.055)	4 days	Tue 11/15/22	Fri 11/18/22		94,96	100%																																		
52	Evaluate Pipe & Hose Rating Between Red Hill and Piers and Docks (SGH #14)	238 days	Mon 1/3/22	Wed 11/30/22		94,96	100%																																		
54	Evaluate Underlying Cause of Line Sag (SGH #31)	148 days	Mon 5/9/22	Wed 11/30/22	56	94,96	100%																																		
55	Perform Surge Analysis for Pipelines (JPS, F76, F24); Evaluate Dresser Couplings (SGH #1)	148 days	Mon 5/9/22	Wed 11/30/22	56	94,96	100%																																		
56	DOD deliver Root Cause and Stress Analysis to Regulators	1 day	Fri 12/30/22	Fri 12/30/22		54,55	100%																																		
58	Confirm oil tight door can operate upon loss of normal power (SGH #28)	7 days	Fri 2/3/23	Mon 2/13/23	41	94,96	100%																																		
59	<b>Minor Repairs</b>	<b>260 days</b>	<b>Fri 7/1/22</b>	<b>Thu 6/29/23</b>		<b>94,96</b>	<b>42%</b>																																		
85	Install protection around overhead valve (PS 27) (SGH #LAT-32)	18 days	Fri 7/1/22	Tue 7/26/22		94,96	100%																																		
70	FOR Line - Provide plugs on valves (FOR.056 & FOR.057)	5 days	Mon 7/25/22	Fri 7/29/22		94,96	100%																																		
60	FOR Line - Repair/replace pipe between Adit 3 & S-311 (FOR.059)	64 days	Tue 7/5/22	Fri 9/30/22		94,96	100%																																		
64	Replace Valve, Install plug (F24.012, FOR.004)	14 days	Mon 10/3/22	Thu 10/20/22		94,96	100%																																		
61	FOR Line- Assess Pipe Integrity and Repair as Appropriate (PS 124) (HT-3)	75 days	Wed 7/20/22	Tue 11/1/22		94,96	100%																																		
63	FOR repairs: install plug, clean valve, remove hoses, tighten fastener (FOR.004, FOR.021, FOR.025, FOR.026, FOR.064, PSF.087)	22 days	Mon 10/3/22	Tue 11/1/22		94,96	100%																																		
86	FOR Line - Assess pipe integrity & repair as appropriate (SGH HT-6, PS 146)	64 days	Thu 8/4/22	Tue 11/1/22		94,96	100%																																		
65	Perform calibration of pressure transducers in UGPH (F24.039, JPS.047, F76.076)	5 days	Mon 10/31/22	Fri 11/4/22		94,96	100%																																		
68	Repair Concrete Bulkhead, as appropriate (PSC.44A, PSC.71A)	8 days	Mon 11/21/22	Wed 11/30/22		94,96	100%																																		
71	Site Preparation, Lead Abatement & ACM Survey (RHL-PND-641N, RHL-PND-642N)	32 days	Mon 12/19/22	Tue 1/31/23	41	62,84,87	100%																																		
73	Caps & Plugs Tank Gallery (RHL-PND-650)	6 days	Mon 2/6/23	Mon 2/13/23		94,96	100%																																		
79	Install Fasteners, TG to Adit 3 (RHL-PND-656)	10 days	Tue 1/31/23	Mon 2/13/23		94,96	100%																																		
83	Install Fasteners, Tank Gallery (RHL-PND-659)	10 days	Tue 1/31/23	Mon 2/13/23		94,96	100%																																		
89	Repair/Replace FOR Pipe Supports, TG to Adit 3 (PSF.013-238, RHL-PND-646)	10 days	Thu 2/2/23	Wed 2/15/23		94,96	100%																																		
75	Site Preparation, Drain LPDs (RHL-PND-643N)	30 days	Mon 1/30/23	Fri 3/10/23	41	80,72,7625%																																			
76	Site Preparation, Power setup (RHL-PND-644)	34 days	Wed 1/25/23	Mon 3/13/23	41	68	45%																																		
91	F24 Line - Repair Pipe Sections, North Road (AGP-1, RHL-PND-683E)	35 days	Mon 1/30/23	Fri 3/24/23		94,96	57%																																		
92	F76 Line - Repair Pipe Section, North Road (AGP-2, RHL-PND-720E)	40 days	Mon 1/30/23	Fri 3/24/23		94,96	15%																																		
67	Boots and Seals, Hotel Pier, RHL-PND-647 (JPS.HP.001-008, F24.HP.001-008, F76.HP.001-008)	20 days	Wed 3/1/23	Tue 3/28/23		94,96	0%																																		
74	Valves & Fittings, TG to Adit 3 (RHL-PND-651)	10 days	Wed 3/15/23	Tue 3/28/23		94,96	0%																																		
81	Electrical Repairs, UGPH (RHL-PND-649)	35 days	Mon 2/13/23	Fri 3/31/23	41	94,96	41%																																		
68	Pipe Welding in Tank Gallery (FOR.044)(RHL-PND-654)	15 days	Tue 3/14/23	Mon 4/3/23	71,76	94,96	0%																																		
77	Valves & Fittings, Tank Gallery (RHL-PND-655)	15 days	Wed 3/15/23	Tue 4/4/23		94,96	0%																																		
82	Valves & Fittings, Adit 3 to UGPH (RHL-PND-652)	15 days	Wed 3/15/23	Tue 4/4/23		94,96	0%																																		
66	Hotel Pier PVC line leak test	23 days	Wed 3/15/23	Fri 4/14/23	41	94,96	0%																																		
80	Valves & Fittings, UGPH (RHL-PND-653)	35 days	Mon 3/13/23	Fri 4/28/23	75	94,96	0%																																		
88	Repair / provide pipe cradle (PS 6) (SGH #LAT-55, RHL-PND-662)	10 days	Mon 4/17/23	Fri 4/28/23	41	94,96	0%																																		
72	Caps & Plugs UGPH (RHL-PND-657)	12 days	Thu 4/20/23	Fri 5/5/23	75	94,96	0%																																		
78	Install Fasteners, UGPH (RHL-PND-658)	15 days	Mon 5/8/23	Fri 5/26/23	75	94,96	0%																																		
90	Repair/Replace Pipe Supports, Adit 3 to UGPH (PS.288-PS.685, RHL-PND-648)	79 days	Fri 2/24/23	Wed 6/14/23		94,96	10%																																		



