

Red Hill Remediation Actions Schedule





As of 200CT

	04	01	00	00	04	01	00	02	04	01	00	00	04	01	00	Effort
	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3		Q1	Q2	Q3	Q4	QT	Q2	
Monitoring and Sampling Efforts	2021	2022	2022	2022	2022	2023	2023	2023	2023	2024	2024	2024	2024	2025	2025	Continues
Groundwater Sampling									1							
Below Tank Soil Vapor Monitoring (18 Tanks)									i							
Monitoring Well Expansion Program (22 new GW wells)											16 comp	leted; 2 ir	n progress	s; 4 rema	ining	
Adit 2 Site Characterization Efforts							_	- Submitted								
Adit 3 Site Characterization Efforts							X	OU SCR	ded to RAs v	ia						
Shallow Soil Vapor Monitoring Points in Adit 3 (1ft)								Charac	terization Re	port				Will report t	to RAs via a futi	ure
Intermediate Soil Vapor Monitoring in Adit 3 (~20ft)							Deen CV	<mark>E Plan pl</mark> o			A ab 07 5	ah 2022	(dolby (o d)	charact	erization report. to RAs via a fut	
Deep Soil Vapor Monitoring Points in Adit 3 (~75ft)				Remediated		<u>} </u>	Deep SV	<u>e Plan pi</u> o				eD 2023	(delayed)	charact	erization report	
Holding Tank and Leach Field Investigation		-	vi	a Excavation Provided												
Remote Operated Vehicle Surveys in Development Tunnel				Characteriz to RAs via	ation Report											
Electro-resistivity and Induced Polarity Study			Characteriz	ation Report				Provided to R								
Ground Penetrating Radar Study LNAPL Step Out Borings	L						ed to RAs via	haracterization	n Report							
Collection, Holding and Transfer Tank Investigation				-	~	Characte	erization Repo			mittod t		24 on 07	Doc 2022	: foodba		06 Oct 2023
Natural Source Zone Depletion Study					X	~	Work Die								other work	
Natural Source Zone Depletion Study								an submitte			<u>122 Fed i</u>	<u>2023, DU</u>	<u> /EFA 10</u>	cused of		(delayed)
Adit 3 Remediation Efforts																
Red Hill Shaft Capture Zone (5MGD GAC)				☆	Media Ch	ange 났 N	ledia Chan	ge 🗙 Med								
GAC Flow Optimization (Water Reduction up to 60%)								,	Eata suppor reduce GAC	ts Navy's Re water usage	equest of 21 S from 5.0MGI	Sept 2023 to D to 1.8MGD				
Red Hill Shaft Direct Recovery (Skimming/Absorbents)		*	Automa	ted skimn	ning, vice											
Holding Tank and Leach Field Excavation						The second secon	loseout R	eport prov	ided to D	OH/EPA	on 24 Fe	b 2023				
Shallow Soil Vapor Extraction (SVE) / Air Sparging						☆		TX W	o <mark>rk Plan</mark>	subr <mark>hitte</mark> o	d 09 Jan 1	2023; con	nditionally	approve	d 25 Aug <mark>2</mark> 0	023
AFFF Response Efforts									i –							
PFAS-Specific Groundwater Sampling																
Adit 6 Remediation																
Modeling Efforts									i i							
Groundwater Modeling		57	Model Di	sapproval	(EPA/DC) H)	4	Best Ava	i <mark>able Su</mark>	bmission						
University of Hawaii Groundwater Modeling				supprovu.		·/		20007110								
Efforts in support of JTF Defueling																
Penetration Sealing and Protections					l				al and	100.1						
Groundwater Protection Plan Update									Submitte	a 28 Jun	12023; Re	evised Pla	an submiti	ed 28 Se	ept 2023	
Well Head Protection Plan																
OU = Operational Unit SCR = Site Characterization Report MGD = million gallons per day									•							
Commander Navy Region Hawai						**	1.11.1		and the last	and a to the second						