****** LIQUID SPILLS - VOLUME CALCULATIONS ******

Loca	A Battery 2	Date of Spill:	1/1	17/2024	<u>_</u>					
		If the leak/spill is	associated wi	ith production	n equipment, i.e wellhead, st	tuffing box.		_		
	flov	•		•	pump, or storage tank place a					
							_			
				In	put Data:	OIL:	WATER	ə .		
lf spill volun	nes from measure	ment, i.e. metering.	tank volumes	. etc.are kno	own enter the volumes here:	BBI		v. BBL		
·					ea Calculations" is optional.	-		_	ımes	
	<u> </u>			lowing Aid	a Calculations 15 Optional.				arrico.	
Total Area Calculations wet soil					Standing Liquid Calculations					
Total Surface Area	width	length	depth	oil (%)	Standing Liquid Area	width	length		liquid depth	oil (%)
Rectangle Area #1	5.00 ft X	30.00 ft X	6.00 in	100.00%	Rectangle Area #1	5.00 ft	X 30.00		0.50 in	100.00%
Rectangle Area #2	20.00 ft X	15.00 ft X	6.00 in	100.00%	Rectangle Area #2	4.00 ft	X 20.00		0.50 in	100.00%
Rectangle Area #3	3.00 ft X	200.00 ft X	6.00 in	100.00%	Rectangle Area #3	4.00 ft	X 175.00		0.50 in	100.00%
Rectangle Area #4	0.00 ft X	0.00 ft X	0.00 in	0.00%	Rectangle Area #4	0.00 ft	X 0.00		0.00 in	0.00%
Rectangle Area #5	0.00 ft X	0.00 ft X	0.00 in	0.00%	Rectangle Area #5	0.00 ft	X 0.00		0.00 in	0.00%
Rectangle Area #6	0.00 ft X	0.00 ft X	0.00 in	0.00%	Rectangle Area #6	0.00 ft	X 0.00		0.00 in	0.00%
Rectangle Area #7	0.00 ft X	0.00 ft X	0.00 in	0.00%	Rectangle Area #7	0.00 ft	X 0.00		0.00 in	0.00%
Rectangle Area #8	0.00 ft X	0.00 ft X	0.00 in	0.00%	Rectangle Area #8	0.00 ft	X 0.00	ft X	0.00 in	0.00%
		productio	n evetom los	sk - DAII V B	PRODUCTION DATA REQUIR	PED				
Average Deily Productions	Oil	•	ni system let	ak - DAILT F	RODUCTION DATA REGUIN	(LD				
Average Daily Production:	Oil	Water								
<u> </u>	BBL _	BBL								
Did leak occur before the sepa	arator?	YES X N/A	(place an "X	")						
Dia loak coodi poloro tre copi	arator	X W	(prace arr x	/						
Amount of Free Liquid	0 BBL	okay			Percentage of Oil in	_ ' . 'I(00.00%			
Recovered:		,				Recovered:	(percentage	∍)		
Liquid holding factor *: 0.14 gal per gal Use the following when the spill we			spill wets the gr	ne grains of the soil. Use the following when the liquid completely fills the pore space of the soil:						
			8 gallon liquid pe	· -		-	ill soaked soil is contained			
						•	am = .25 gallon liquid per g	•	, ,	
		• • • • • • • • • • • • • • • • • • • •	,				lon liquid per gallon volum			
		•	= .16 gallon liqu		_					
Saturated Soil Volur	ma Calaulatiana				Eroo Limid V	olume Calculat	tiana.			
Saturated Son Volui	<u>OIL</u>		<u>Free Liquia v</u>	Clume Calculat	<u>H2</u>	0	<u>OIL</u>			
Total Solid/Liquid Volume:	1,050 sq. ft.	<u>H2O</u> cu. ft.	525 cu. 1	ft.	Total Free Liquid Volume:	930 sq.		cu. ft.	39 cu.	ft.
Estimated Valumes	Chillad				Estimated Bradustia	n Volumes I sa				
Estimated Volumes Spilled H2O OIL					Estimated Productio	on volumes Los	<u>H2</u> ∙	0	<u>OIL</u>	
Liquid in Soil:		0.0 BBL	13.1 BBL		Estimated Product	tion Spilled:		<u>–</u> BBL	0.0 BBI	
Free Liquid:		0.0 BBL	6.9 BBL		Estimated Froduct	don opilied.	0.0	DDL	0.0	-
Totals:		0.0 BBL	20.0 BBL		Estimated Surfa	ce Damage				
	rotalo.	0.0 552	20.0 000	-	Surface Area:	1,050 sq.	ft.			
Total Spill Liquid: 0.0			20.0 BBL	_	Surface Area:	.0241 acre	е			
Recovered Volumes			Estimated Weights, and Volumes							
Necovered volum	iie3				<u> Lamateu Weights</u>	, and voidines				
Estimated oil recovered:	0.0 BBL	check - ol	кау		Saturated Soil =	58,800 lbs	525	cu.ft.	19 cu.y	/ds.
Estimated water recovered:	0.0 BBL	check - ol	кау		Total Liquid =	20 BBL	_ 840	gallon	6,986 lbs	