

L48 Spill Volume Estimate Form									
Facility Name & Number: MCA-478 injection line									
Asset Area: Mallamari									
Release Discovery Date & Time: 10/29/19 8:35pm									
Release Type: Oil Mixture									
Provide any known details about the event: an additional 12 bbls were recovered, for a total of 56 bbls released. (5.6 Oil, 50.4 PW)									
Spill Calculation - Subsurface Spill - Rectangle									
Was the release on pad or off-pad?									
Has it rained at least a half inch in the last 24 hours?									
Convert Irregular shape into a series of rectangles	Length (ft.)	Width (ft.)	Depth (in.)	Soil Spilled-Fluid Saturation	Estimated volume of each area (bbl.)	Total Estimated Volume of Spill (bbl.)	Percentage of Oil if Spilled Fluid is a Mixture	Total Estimated Volume of Spilled Oil (bbl.)	Total Estimated Volume of Spilled Liquid other than Oil (bbl.)
Rectangle A	120.0	18.0	1.50	10.50%	48.060	5.046	10.00%	0.505	4.542
Rectangle B	116.0	4.0	2.00	15.12%	13.765	2.081	10.00%	0.208	1.873
Rectangle C	333.0	16.0	1.00	10.50%	79.032	8.298	10.00%	0.830	7.469
Rectangle D	24.0	25.0	4.00	15.12%	35.600	5.383	10.00%	0.538	4.844
Rectangle E	30.0	6.0	3.00	15.12%	8.010	1.211	10.00%	0.121	1.090
Rectangle F	65.0	12.0	4.00	15.12%	46.280	6.998	10.00%	0.700	6.298
Rectangle G	12.0	8.0	4.00	15.12%	5.896	0.861	10.00%	0.086	0.775
Rectangle H	12.0	18.0	4.00	15.12%	12.816	1.938	10.00%	0.194	1.744
Rectangle I	26.0	16.0	4.00	15.12%	24.683	3.732	10.00%	0.373	3.359
Rectangle I	37.0	16.0	4.00	15.12%	35.125	5.311	10.00%	0.531	4.780
Rectangle I	35.0	6.0	6.00	10.50%	18.690	1.982	10.00%	0.196	1.766
Rectangle J	34.0	15.0	1.00	10.50%	7.565	0.794	10.00%	0.079	0.715
Rectangle I	36.0	16.0	1.00	10.50%	8.544	0.897	10.00%	0.090	0.807
Rectangle I					0.000	0.000		0.000	0.000
Rectangle I					0.000	0.000		0.000	0.000
Rectangle J					0.000	0.000		0.000	0.000
					Total Volume Release:	44.513		4.451	40.062

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