

NRM2000358734

## Spill Dimensions to Volume of Release

<b>Input</b>	Length	[feet]	198.0
<b>Input</b>	Width	[feet]	79.2
<b>Input</b>	Depth of impacted area	[feet]	0.25
<b>Input</b>	Porosity: typically is .35 to .40 for most soils	[ - ]	0.35

<b>Output</b>	volume of affected soil	[feet^3]	<b>3920.4</b>
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<b>Input</b>	Proportion of porosity filled with release fluid [0,1]	[ - ]	0.15
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<b>Output</b>	volume of fluid	[feet^3]	<b>205.8</b>
		[gal]	<b>1539.6</b>
		Barrels	36.7

Volumes (bbls)	Released	Recovered	Unrecovered
Total	137	100	37
Crude (10%)	13.7	10	3.7
Produced Water (90%)	123.3	90	33.3