

# Pool Vaporisation Report

**Workspace: 72438-4FSRUInvioGNL-12R**

**Study: Invio GNL Water**

**Standalone Set: Standalones**

72438-4FSRUInvioGNL-12R\Invio GNL Water\Standalones

Material	<b>GAS NATURALE</b>	
East	0	m
North	0	m

## Pool Vaporisation Scenario: Pool vaporisation 60mm

72438-4FSRUInvioGNL-12R\Invio GNL Water\Standalones\Pool vaporisation 60mm

**Weather: Category 2/F**

<b>Wind speed [m/s]</b>	<b>2</b>	
<b>Pasquill stability</b>	<b>F</b>	<b>stable - night with moderate clouds and light/moderate wind</b>
<b>Atmospheric temperature [degC]</b>	<b>25</b>	
<b>Relative humidity [fraction]</b>	<b>0,75</b>	
<b>Solar radiation flux [kW/m2]</b>	<b>0,5</b>	

### INPUT DATA

Type of spill	<b>Continuous</b>	
Type of surface for pools	Shallow river or channel	
Bund diameter (internal)	15,9577	m
Surface temperature for pool calculations	25	degC

### OUTPUT DATA

Status of bund	The bund was hit	
Maximum pool radius	7,97892	m



### Weather: Category 5/D

Wind speed [m/s]	5
Pasquill stability	D neutral - little sun and high wind or overcast/windy night
Atmospheric temperature [degC]	25
Relative humidity [fraction]	0,75
Solar radiation flux [kW/m2]	0,5

### INPUT DATA

Type of spill	Continuous	
Type of surface for pools	Shallow river or channel	
Bund diameter (internal)	15,9577	m
Surface temperature for pool calculations	25	degC

### OUTPUT DATA

Status of bund	The bund was hit	
Maximum pool radius	7,97949	m



## Pool Vaporisation Scenario: Pool vaporisation 300mm

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300mm

### Weather: Category 2/F

Wind speed [m/s]	2
Pasquill stability	F stable - night with moderate clouds and light/moderate wind
Atmospheric temperature [degC]	25
Relative humidity [fraction]	0,75
Solar radiation flux [kW/m2]	0,5

### INPUT DATA

Type of spill	Continuous	
Type of surface for pools	Shallow river or channel	
Bund diameter (internal)	15,9577	m
Surface temperature for pool calculations	25	degC

### OUTPUT DATA

Status of bund	The bund was hit	
Maximum pool radius	7,98044	m



### Weather: Category 5/D

Wind speed [m/s]	5
Pasquill stability	D neutral - little sun and high wind or overcast/windy night
Atmospheric temperature [degC]	25
Relative humidity [fraction]	0,75
Solar radiation flux [kW/m2]	0,5

### INPUT DATA

Type of spill	Continuous	
Type of surface for pools	Shallow river or channel	
Bund diameter (internal)	15,9577	m
Surface temperature for pool calculations	25	degC

### OUTPUT DATA

Status of bund	The bund was hit	
Maximum pool radius	7,97914	m

