

NCE2002952699

### Calculation for Leak Volume

**INPUT**

Facility Name	=	A-7 Pipeline	
Date	=	11/5/2019	
Hole Size	=	0.5	Inches
Pipe Pressure	=	30	psig
Duration	=	8	Hrs

**EQUATIONS**

Leak Rate =  $(1.178) * (\text{Hole Size}^2) * (\text{Pipe Psig})$

**CALCULATIONS**

Leak Rate	=	8.835	Mcf/Hr
Gas Loss	=	70.680	Mcf