

## RISK ASSESSMENT PROCESS

### Assessment to be done for Existing Conditions, During Construction and Post Construction

#### Assessment to be done for each sewer pipe

0

Social												
Public Safety			Private Property Impact			Public Service Disruption			Visual/Olfactory/Audible Impact			
Likelihood	Consequence	Risk	Likelihood	Consequence	Risk	Likelihood	Consequence	Risk	Likelihood	Consequence	Risk	
Physical Failure	0	0	0	0	0	0	0	0	0	0	0	
Operational Failure	0	0	0	0	0	0	0	0	0	0	0	
Reliability Failure	0	0	0	0	0	0	0	0	0	0	0	
Availability Failure	0	0	0	0	0	0	0	0	0	0	0	
Serviceability Failure	0	0	0	0	0	0	0	0	0	0	0	
Repairability Failure	0	0	0	0	0	0	0	0	0	0	0	
		0			0			0			0	

0

Environmental								
Discharge Contaminant			Contaminate drinking water			Disruption of ESA		
Likelihood	Consequence	Risk	Likelihood	Consequence	Risk	Likelihood	Consequence	Risk
Physical Failure	0	0	0	0	0	0	0	0
Operational Failure	0	0	0	0	0	0	0	0
Reliability Failure	0	0	0	0	0	0	0	0
Availability Failure	0	0	0	0	0	0	0	0
Serviceability Failure	0	0	0	0	0	0	0	0
Repairability Failure	0	0	0	0	0	0	0	0
		0			0			0

0

Economic											
Cost			Disruption to private businesses			Impact on Public Transportation			Traffic control requirements		
Likelihood	Consequence	Risk	Likelihood	Consequence	Risk	Likelihood	Consequence	Risk	Likelihood	Consequence	Risk
Physical Failure	0	0	0	0	0	0	0	0	0	0	0
Operational Failure	0	0	0	0	0	0	0	0	0	0	0
Reliability Failure	0	0	0	0	0	0	0	0	0	0	0
Availability Failure	0	0	0	0	0	0	0	0	0	0	0
Serviceability Failure	0	0	0	0	0	0	0	0	0	0	0
Repairability Failure	0	0	0	0	0	0	0	0	0	0	0
		0			0			0			0

0

Likelihood		Consequence	
1	almost impossible	1	Minimal
2	unlikely	2	Minor
3	possible	3	Moderate
4	likely	4	Major
5	almost certain	5	Extreme