

SUSCEPTIBILITY ANALYSIS WORKSHEET

SYSTEM _____

CONTAMINANT SOURCE _____

CONTAMINANT TYPE _____

DISTANCE TO INTAKE _____

<u>CATEGORY</u>	<u>CONDITIONS</u>	<u>RANK</u>
Intake Structure	Constructed on Lake or Stream Bank With no protection	HIGH
	Screen or deflection wall	MODERATE
	Submerged intake line in river channel Or main flow area; has floating boom, Protection plan and equipment in place to Address spills; multiple intake levels	LOW
Water Flow	Little water movement to wash contaminant Past intake; little dilution potential	HIGH
	Moderate flows; some dilution of contaminant	MODERATE
	High flows, rapid movement, dispersion or Dilution of contaminant	LOW
Distance to Intake	Close to intake; less than 12 hour TOT	HIGH
	12 to 36 hour TOT	MODERATE
	Greater than 36 hour TOT	LOW
Contaminant Toxicity	Toxic; large quantity may spill or occur in source	HIGH
	Toxic but small quantity on site; non-toxic With large quantity on site	MODERATE
	Non-toxic with small quantity on site	LOW
Site Characteristics	High probability spill or release may occur; Little containment, monitoring or notification Procedure	HIGH
	Some probability spill of release may occur, Some containment structure; monitoring Procedures in place	MODERATE
	Low probability spill or release may occur Good containment structure; monitoring and Notification procedures in place	LOW

<u>CATEGORY</u>	<u>CONDITIONS</u>	<u>RANK</u>
Site Clean-up/Control	No equipment of procedures available	HIGH
	Clean-up plan established; possible to Contain some or most of contaminant on site	MODERATE
	Facility equipped to control containment On-site; physically impossible for contaminant To reach water source	LOW

Water Source Contamination Potential

Total Coliform counts greater than 1,000 or Chemical contaminant detected continuously Detected	HIGH
Total Coliform counts greater than or equal To 200 or chemical contaminant occasionally Detected	MODERATE
Total Coliform counts less than 200 or Chemical contaminant rarely detected	LOW

Existing Raw Water Quality

Raw water quality exceeds one or more MCLs For chemical monitoring more than once during Period of last four quarters of sampling	HIGH
Raw water quality exceeds one or more MCLs For chemical monitoring once during period of Last four quarters of sampling	MODERATE
Raw water quality has not exceeded MCLs for Chemical monitoring during the period of last Four quarters of sampling	LOW

NUMBER OF: HIGH _____
 MODERATE _____
 LOW _____

Majority of high rankings = Contaminant Source is HIGH

Majority of low rankings = Contaminant Source is LOW

All other cases, Contaminant Source is MODERATE

Other Information Available: _____

