

Environmental Risk Analysis and Management System

School:

Date of field trip:

Activity: *Stream Sense water quality monitoring field trip*

Site:

UNDERSIRED ENVIRONMENTAL DAMAGE		<i>e.g. eroding stream banks</i>		
CAUSAL FACTORS OF ENVIRONMENTAL DAMAGE		By People	By Equipment	By Natural Events
		<i>entering and exiting stream via unstable banks</i>	<i>digging metal rulers into unstable areas of bank</i>	<i>heavy rain prior to or during visit – especially where there is a lack of protective vegetation</i>
ENVIRONMENTAL MANAGEMENT STRATEGIES		<i>designate specific entry and exit points (preferably at more stable beach areas)</i>	<i>instruct students on the correct use of equipment</i>	<i>encourage landowner adjacent to stream to plant vegetation along eroding stream banks and stay away from these areas</i>
		<i>if a bank does collapse there is not a lot that you can do except to try and to exacerbate the situation – by following all the steps above you shouldn't get into this situation – prevention is better than cure!</i>		

Courtesy Barry Law, Christchurch College of Education