	Addressed in Assessing Toxic Risk						
<b>National Science Education Standard</b> (National Research Council, 1996)	Protocol 1 – Serial Dilutions	Protocol 2 – Lettuce Seed Bioassays	Protocol 3 – Duckweed Bioassays	Protocol 4 – Daphnia Bioassays	Protocol 5 – Environmental Samples	Protocol 6-7 – Treatment Columns	Interactive Research
Unifying concepts and processes in science							
Systems, order, and organization							
Evidence, models, and explanation							
Change, constancy, and measurement	$\checkmark$						
Evolution and equilibrium							
Science as inquiry				,		,	,
Abilities necessary to do scientific inquiry							
Understandings about scientific inquiry			$\checkmark$				
Physical science						,	,
Chemical reactions							
Life science				I			,
Molecular basis of heredity			,				N
Biological evolution			N	$\mathbf{N}$	1		N
Interdependence of organisms					N		N
Behavior of organisms					γ		γ
Science and technology							
Understandings about science and			al		2	<u>_</u>	
Science in neuronal and social neuron actives		N	N	V	N	V	N
Personal and community health		2	2	2	2		2
Population growth		N	N N	N N	N		N
Natural resources			N N	N N	J		J
Environmental quality			J.	J	V		۰ ۷
Natural and human-induced hazards					V		V
Science and technology in local, national.				•	,		
and global challenges				$\checkmark$			
History and nature of science						L	
Science as a human endeavor				$\checkmark$		$\checkmark$	$\checkmark$
Nature of scientific knowledge				$\checkmark$		$\checkmark$	$\checkmark$
Historical perspectives		$\checkmark$	$\checkmark$		$\checkmark$	$\checkmark$	

## NSES Content Standards Addressed through EI Toxicology Research