Name: _____

Target	1	2 (all of 1 plus)	3 (all of 2 plus)	4 (all of 3 plus)
LE 5.7 Preparedness	Does not complete formative or summative in an effortful and timely manner, is not engaged, does not arrive on time with class materials ready to learn, does not communicate when issues arise	Completes formative or summative in an effortful or timely manner, is sometimes engaged, sometimes arrives on time with class materials ready to learn, sometimes communicates when issues arise	Completes formative or summative in an effortful and timely manner, remains engaged, arrives on time with materials ready to learn, communicates when issues arise	Completes formative or summative in an effortful and timely manner, remains engaged, arrives on time with materials ready to learn, communicates when issues arise, and is reflective on strengths and challenges within your preparedness skill
LE 7.4 Connections	Recognizes that multiple ideas may be connected	Recognizes that connecting multiple ideas may provide deeper meaning	Recognizes connection between multiple ideas, systems or solutions to construct meaning	Connects multiple ideas, systems or solutions that provoke meaning in novel ways (i.e. demonstrating empathy by synthesizing complexity, metaphoric thinking, applying patterns)
Hydro 11/12 Project	I can **identify** ways human activities amplify negative aspects of runoff	(all of 1 plus) I can **identify** broad solutions to mitigate runoff	(all of 2 plus) I can **evaluate/assess** issues specific to our region that pertain to humans' contribution to runoff and I can propose specific solutions to mitigate the associated negative effects	(all of 3 plus) Nailed it! *Depth and/or breadth*

Hydro 11 &12 Project - Field Trip Day
A brief view of green and gray stormwater runoff mediation in Montpelier

Winooski River: At the Bailey St. Bridge
What is on either side of the river at this location?

What stormwater infrastructure is in place at this site?	
Gray stormwater infrastructure:	*Green stormwater infrastructure:*
Can you identify any sources of pollution?	
Point Source:	Potential Non-Point:

What is one potential environmental problem that you can identify for this site (*associated with the sources of pollution identified above*) ?

What is one potential green (and realistic) solution to the problem you just identified?

Capital Building Parking Lot

      Provide a LABELED drawing(s) of the stormwater infrastructures you observe at the site…. For both the upper and lower parking lot.

                Label each as "green" or "gray".

There have been some green alterations to the lower parking lot at the capital. Identify what has been done, and how it reduces stormwater runoff. *There are several things*.

WHAT'S BEEN DONE	HOW DOES THIS REDUCE STORMWATER RUNOFF

Winooski River tributary: North Branch @ bridge near Capital Grounds

What is on either side of the river at this location ?

What stormwater infrastructure is in place at this site?	
Gray stormwater infrastructure:	*Green stormwater infrastructure:*
Can you identify any sources of pollution?	
Point Source:	Potential Non-Point:
What is one potential environmental problem that you can identify for this site?	
What is one potential (and realistic) solution to the problem you just identified?	

Bank Rain Garden

What is unique about this bank parking lot?

What stormwater infrastructure is in place at this site?	
Gray stormwater infrastructure:	*Green stormwater infrastructure:*
Can you identify any sources of pollution?	
Point Source:	Potential Non-Point:
What is one potential environmental problem that you can identify for this site?	
What is one potential (and realistic) solution to the problem you just identified?	