NAME	E: DATE: CLASS PERIOD:	
	NOTES SHEET: WATERSHEDS AND HUMAN IMPACTS Hellbender Education	
How d	lo we define the scale of a watershed?	
•	Generally, the larger a waterway, the its watershed Smaller waterways, like and small	
-	, also have watersheds, but they are	
	smaller!	
•	Think of it like nesting bowls: the watershed of a tiny stream is	
	a small part of the watershed of a large river.	
Where	e is the closest watershed to me?	
	You're in one!	
•	Everyone lives in a watershed - rainwater that falls right here will flow into a body of water (which	
	likely flows into another)	
•	Everything we do to the	
	has the potential to affect the	
	because of	
	through watersheds	
Where	e does all the rainwater go?	
•	Much of it ends up in the oceans	
•	A lot of rainwater can soak into, or, the ground to become part of the	
•	This depends on soil type – hard clay soils are less, so water tends to flow over them toward lower ground	
•	The movement of this water connects large areas of land	
•	Impacts that have on water in one area can greatly affect water in another.	
	Human Impacts in Watersheds	
Defore	estation:	
•	Removal of trees	
•	More flows into waterways (not held in	E
	place by tree roots anymore!)	
•	Think: What would this mean for hellbender salamanders? For other organisms living in streams and rivers?	

Urban construction:

_	and construction of large buildings – how does this affect wat					
	0	Water can't	, and therefore lots of runoff is generated			
	0	Can lead to				

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	hard surfaces			
Enas	up in surface <i>and</i> groundwater			
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	and must be cleared of	TIRST!		
	ed by rainwater into streams:			Was I
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	organisms		Contract of the second	
	als grazing in the			
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downstream areas

Prevent movement of _____