

Investigation Booklet — Answers Final Thoughts

Summary of Winter Roads Make Salty Streams: Salt used to melt snow reaches the waterways around Baltimore by the process of runoff. This added salt has many negative effects on the environment.

1. In this unit, you discussed a number of examples of how we change abiotic factors to make our own daily life better. Think of the examples we discussed (Winter Roads, Light Pollution, Urban Heat Island, Climate Change, and the Bronx River) and list **three ways** that **changing abiotic** factors **improves** our **living** conditions.

Abiotic Factor We Change	Our Lives Easier
<i>Example: Salting the roads in winter</i>	<i>Prevents slippery roads and accidents</i>
<i>1. Artificial light at night</i>	<i>2. We can see at night</i>
<i>2. Lots of concrete roads and buildings</i>	<i>3. Space for people to live and drive</i>
<i>3. Burning fossil fuels</i>	<i>4. Heating, AC, Food, Cell phones/Computers, Manufacturing, Travel</i>

2. What data would you have to collect to test whether salt applied to melt ice in your city was entering a local lake?

*I would test water samples from the lake **before and after** snowstorms to see if the salt level increased after snowstorms.*