

Name: \_\_\_\_\_

Date: \_\_\_\_\_

## Scajaquada Creek Stream Survey: Investigation of History and Hydrology

Use the document provided to us by Buffalo/Niagara Riverkeeper as well as the maps from earlier in the week to answer the following questions.

1. (REVIEW) What is a watershed? \_\_\_\_\_

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2. How many of the Great Lakes drain into the Niagara River? \_\_\_\_\_

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3. Where does the Niagara River flow into? \_\_\_\_\_

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4. About how much land is a part of the entire Niagara River Watershed? \_\_\_\_\_

Does this surprise you? Why or why not? \_\_\_\_\_

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5. What 7 creeks make up the main tributaries of the Niagara River? \_\_\_\_\_

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6. Where does Scajaquada Creek begin? \_\_\_\_\_

7. Where does it end? \_\_\_\_\_

8. According to the Riverkeeper document, what is the source of Scajaquada Creek? \_\_\_\_\_

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9. What does it mean to say that Scajaquada Creek through Lancaster and by the Galleria Mall has been "channelized?" \_\_\_\_\_

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10. According to the Riverkeeper account, why were parts of the creek channelized? \_\_\_\_\_

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11. After it flows underground and resurfaces by the Galleria Mall, where does Scajaquada Creek go underground again? \_\_\_\_\_

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12. When and why was this section put underground? \_\_\_\_\_

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13. Where does it resurface? \_\_\_\_\_

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14. Prior to resurfacing, the waters of Scajaquada Creek come into contact with a main-made drain. What was the purpose of the drain? \_\_\_\_\_

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15. What have they found in the water from the creek in Forest Lawn downstream from the tunnel? What do you think this means? \_\_\_\_\_

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16. If some of the water from the creek is intercepted before it leaves the tunnel, is more water added? If so, how? \_\_\_\_\_

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17. Where does the creek go underground for the final time? \_\_\_\_\_

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18. Where does it resurface? \_\_\_\_\_

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19. When was the creek diverted and tunneled around and under Hoyt Lake? Why? \_\_\_\_\_

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20. Are Hoyt Lake and Scajaquada Creek separate bodies of water? \_\_\_\_\_

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21. How many springs are underneath Forest Lawn Cemetary? \_\_\_\_\_

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22. According to Buffalo/Niagara Riverkeeper, what are some examples of birds in the vicinity of Scajaquada Creek? \_\_\_\_\_

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Terrestrial wildlife? \_\_\_\_\_

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Aquatic Wildlife? \_\_\_\_\_

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Terrestrial Vegetation? \_\_\_\_\_

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