

East Fork Watershed map analysis

Date: _____

Answer the following (use a separate page if necessary):

1) Based on your observations and experience of the the East Fork of the Lewis River, how would you rate the water quality of the river at Lewisville Park? (circle your answer)

Excellent — Good — Fair — Poor

2) Based on your observations and experience of the East Fork, what characteristics or indicators of the stream did you use in forming your opinion? Give at least two reasons for your evaluation in #1.

a)

b)

Use the East Fork Lewis River Watershed map to answer the following:

3) Which direction does the East Fork flow, from right to left or from left to right? (Remember that streams flow from higher elevations to lower elevations, and the “V” formed by streams coming together generally point downstream)

4) What two cities are located in the East Fork watershed:

a)

b)

5) Name six tributaries (streams that flow into) of the East Fork.

a)

b)

c)

d)

e)

f)

6) Note the change in land cover for the East Fork watershed from West (left) to East (right). How does the color change? What does this tell you about land use? (use “Land Cover Key”)

7) Examine the “Stream Health Ratings.” What patterns do you see regarding stream health ratings and the watershed? (Where are most of the poor/fair streams located and what is the land use? Where are most of the good/excellent streams found and what is the land use?)

8) Read the green boxes. What are three water quality problems mentioned in the watershed?

a)

b)

c)

9) What are two suggestions (specific actions) given for improving the watershed and stream health?