Unit 4 – Key Pieces of the Puzzle
What the data tell us about our GREEN Zone

Characteristics	Questions	My Observations
Water Quality and Quantity	Is there enough water above and below the ground to sustain a diversity of life? Is the water clean?	
Soil Qualities	Can the soil in the zone hold water? Will it support plants with roots that can hold onto soil?	
Plant Characteristics	Are there riparian plants with strong, soil-holding roots? Are the plants holding the stream bank together? Do the plants provide cover and food for wildlife and livestock?	

Unit 4 – Key Pieces of the Puzzle
What the data tell us about our GREEN Zone

Characteristics	Questions	My Observations
Stream Shape, Slope, and Speed	How does the shape of the land in the riparian zone affect the speed of the water? How has the speed of the water shaped the land?	
Erosion and Deposition	Is this GREEN Zone able to balance erosion and deposition, and control the amount of sediment entering the stream?	
Land Uses—Human, Wildlife, Livestock	How do the activities of people, wildlife, and livestock affect the ability of the zone to function properly?	