











Feasibility Study Findings Evaluation Results <u>Reference</u> Rapid Bioassessment Marginal – Suboptimal Macroinvertebrate Analysis 0.67 - 0.85 - Diversity Index 0.85 Pollution Tolerance Total Sample Excellent Good – Excellent Insects Only Good – Excellent - Percent EPT 13.2% - 74.4% 87.5% Water Quality Analysis Dissolved Oxygen Achieve Standards Achieve Standards Fecal Coliform Exceed Standards NA Total NitrogenTotal Phosphorus Exceed Standards NA Exceed Standards

Anticipated Environmental Benefits

- Improved in-stream aquatic habitat
- Reduced sediment (1,000 tons annually)
- Increased Dissolved Oxygen
- Cooler water temperatures (with buffer growth)
- Lower nitrogen and phosphorus (with buffer growth)



