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Introduction

This section summarizes the methods used to develop the final list of natural resource (wetlands, riparian, and floodplain) restoration and/or enhancement sites. The final stage of the watershed characterization analysis combines the ecological benefits of each DAU and the environmental benefits of each natural resource site to develop a list of natural resource sites that will provide the greatest functional "lift" in the subwatershed.

Part I. What are the Landscape Conditions in the Lawrence Lake Subwatershed?

Current conditions

Current land-use within the Lawrence lake sub-watershed was determined by processing Aerial photography and SPOT 10 meter satellite imagery captured in 2009. Approximately four percent of the Lawrence Lake Subwatershed is covered by the built environment (see Figure 3.0 and 3.1 Classification Percent Totals for Lawrence Lake Subwatershed). Lawrence Lake is surrounded by residential development. Long-term commercial forestry is also prominent in the subwatershed.



Figure 3.0 Classification Percent Totals for Lawrence Lake Subwatershed Land cover data from 2009 SPOT imagery.

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Figure 3.1 Lawrence Lake Subwatershed Land Cover

Lawrence Lake Subwatershed

Part II. Characterize Condition of Ecological Processes in Study Area

Five ecological processes and two biological elements were assessed: the delivery and movement of water, sediment, wood, pollutants, and heat. The biological elements include aquatic integrity and habitat connectivity. The Matrix of Pathways and Indicators (MPI) was used to determine the function of each ecological process and biological indicator at the DAU scale. Following the assessment of each individual ecological process and biological element, Rules and Assumptions (Tables 8-14 in the Methods document) were used to rank each DAU as Properly Functioning (PF), At Risk (AR), or Not Properly Functioning (NPF). For complete details of the values used in the MPI, please consult Table 7 in the Methods document. For complete details of the Rules and Assumptions, please consult Tables 8 through 14 in the Methods document. Appendix A of this document contains the Methods document.

There are 22 DAUs totaling 9,375 acres (15 sq miles) in the subwatershed.

Determine the Ecological Benefit of the DAU

Following the assessment of each individual ecological process and biological elements using the indicators above and the application of the Rules and Assumptions, the resulting final ranking of each DAU yields a baseline condition of ecological health for each DAU. All DAUs within the study area having ecological processes that are considered "At Risk" under current land use conditions are identified for further consideration. DAUs in the "At Risk" category for multiple key ecological processes are assumed to provide the greatest potential to maximize environmental benefits when natural resource sites are restored.

Table 3.0 includes each ecological process and biological element with the resulting function level. Subsequently, an aggregation of these processes and elements are used to provide an overall function level and ranking of the DAU.

| DAU Id | Acres | Sq Mi | Aquatic Integrity | Habitat Connectivity | Water | Sediment | Wood | Pollutants | Heat |
|--------|-------|-------|----------------------|-------------------------|-------|----------|------|------------|------|
| 185 | 479 | 0.75 | N/A | NPF | AR | AR | NPF | AR | AR |
| 188 | 239 | 0.37 | N/A | AR | AR | AR | NPF | N/A | AR |
| 193 | 926 | 1.45 | N/A | AR | AR | PF | NPF | N/A | AR |
| 194 | 1371 | 2.14 | N/A | AR | AR | AR | NPF | AR | AR |
| 197 | 400 | 0.62 | N/A | AR | AR | PF | AR | N/A | AR |
| 198 | 181 | 0.28 | N/A | AR | AR | PF | NPF | N/A | AR |
| 201 | 322 | 0.50 | N/A | AR | AR | AR | AR | N/A | AR |
| 203 | 324 | 0.51 | N/A | AR | AR | AR | NPF | N/A | AR |
| 204 | 164 | 0.26 | N/A | AR | AR | PF | NPF | N/A | AR |
| 207 | 166 | 0.26 | N/A | AR | PF | AR | AR | N/A | AR |
| 208 | 259 | 0.40 | N/A | AR | AR | AR | AR | N/A | AR |
| 209 | 321 | 0.50 | N/A | AR | PF | PF | AR | N/A | AR |
| 210 | 228 | 0.36 | N/A | AR | AR | PF | AR | N/A | AR |

Table 3.0 Lawrence Lake Ecological Processes and Biological Elements Function

| DAU Id | Acres | Sq Mi | Aquatic | Habitat | Water | Sediment | Wood | Pollutants | Heat |
|--------|-------|-------|-----------|--------------|-------|----------|------|------------|------|
| | | | Integrity | Connectivity | | | | | |
| 211 | 343 | 0.54 | N/A | AR | AR | PF | AR | N/A | AR |
| 212 | 214 | 0.33 | N/A | AR | AR | PF | AR | N/A | AR |
| 213 | 425 | 0.66 | N/A | AR | AR | PF | AR | N/A | AR |
| 214 | 354 | 0.55 | N/A | AR | PF | PF | AR | N/A | AR |
| 218 | 800 | 1.25 | N/A | AR | PF | PF | AR | N/A | AR |
| 220 | 205 | 0.32 | N/A | AR | AR | AR | AR | N/A | AR |
| 222 | 587 | 0.92 | N/A | AR | PF | AR | AR | N/A | AR |
| 223 | 342 | 0.53 | N/A | PF | PF | PF | PF | N/A | PF |
| 224 | 735 | 1.15 | N/A | AR | PF | PF | AR | N/A | AR |

Once the DAU ecological processes and biological function levels are ascertained, the function levels are translated to a ranking scheme. Ecological processes and biological elements which have been identified as "At Risk" are scored higher based upon the potential for enhancement from restored/rehabilitated marginal function levels. The ecological process scores are then ranked according to the weight criteria, and converted to a High, Moderate, or Low process rank.

Table 3.1 details the final ecological and biological benefit rank of each DAU.

Table 3.1Final DAU Ecological Benefit Rank

| | Ecological ProcessesBiological Elements | | | | | | | | |
|-----------|---|----------|------|------------|------|----------------------|---------|----------------|----------|
| DAU Id | Water | Sediment | Wood | Pollutants | Heat | Aquatic Integrity | Habitat | Total Score | Rank |
| 201 | 3 | 1 | 2 | 0 | 1 | 0 | 1 | 8 | High |
| 208 | 3 | 1 | 2 | 0 | 1 | 0 | 1 | 8 | High |
| 220 | 3 | 1 | 2 | 0 | 1 | 0 | 1 | 8 | High |
| 194 | 3 | 1 | 0 | 1 | 1 | 0 | 1 | 7 | High |
| 197 | 3 | 0 | 2 | 0 | 1 | 0 | 1 | 7 | High |
| 210 | 3 | 0 | 2 | 0 | 1 | 0 | 1 | 7 | High |
| 211 | 3 | 0 | 2 | 0 | 1 | 0 | 1 | 7 | High |
| 212 | 3 | 0 | 2 | 0 | 1 | 0 | 1 | 7 | High |
| 213 | 3 | 0 | 2 | 0 | 1 | 0 | 1 | 7 | High |
| 185 | 3 | 1 | 0 | 1 | 1 | 0 | 0 | 6 | Moderate |
| 188 | 3 | 1 | 0 | 0 | 1 | 0 | 1 | 6 | Moderate |
| 203 | 3 | 1 | 0 | 0 | 1 | 0 | 1 | 6 | Moderate |
| 193 | 3 | 0 | 0 | 0 | 1 | 0 | 1 | 5 | Moderate |
| 198 | 3 | 0 | 0 | 0 | 1 | 0 | 1 | 5 | Moderate |
| 204 | 3 | 0 | 0 | 0 | 1 | 0 | 1 | 5 | Moderate |
| 207 | 0 | 1 | 2 | 0 | 1 | 0 | 1 | 5 | Moderate |
| 222 | 0 | 1 | 2 | 0 | 1 | 0 | 1 | 5 | Moderate |
| 209 | 0 | 0 | 2 | 0 | 1 | 0 | 1 | 4 | Moderate |
| 214 | 0 | 0 | 2 | 0 | 1 | 0 | 1 | 4 | Moderate |
| 218 | 0 | 0 | 2 | 0 | 1 | 0 | 1 | 4 | Moderate |

| | | | cal ses | Biolog Elemo | gical ents | | | | |
|-----------|-------|----------|------------|-----------------|---------------|----------------------|---------|----------------|----------|
| DAU Id | Water | Sediment | Wood | Pollutants | Heat | Aquatic Integrity | Habitat | Total Score | Rank |
| 224 | 0 | 0 | 2 | 0 | 1 | 0 | 1 | 4 | Moderate |
| 223 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Low |

The final rank is used in the identification of potential restoration and enhancement sites when the DAUs and resource sites are combined to provide a final list of natural resource sites. Lawrence Lake subwatershed has 22 DAUs that have restoration potential (Figure 3.2 Lawrence Lake Subwatershed Ecological Function)

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Figure 3.2 Lawrence Lake Subwatershed Ecological Function

Part III. Characterize Natural Resource Sites in Study Area

This section evaluates natural resource sites within the study area. The purpose is to determine natural resource sites that can be restored or enhanced in the surrounding landscape that will provide the greatest ecological benefit. This analysis is conducted concurrently with the analyses of the ecological processes. Upon completion of the DAU analysis and the natural resource site analysis, the sites identified are ranked in the context of the DAU and subwatershed landscape.

Determine the Environmental Benefit

The natural resource sites are evaluated based on the attributes assigned during site assessment using Tables 22 to 24 in the Methods document to assign an environmental benefit final score. Once all the attributes have been evaluated, the following ranking criteria are used to rank the sites High, Moderate, and Low.

Following the conversion of natural resource sites from a score to Low, Moderate, or High rank, there were a total of 388 potential restoration or enhancement sites. Table 3.2 details the results.

Table 3.1 Lawrence Lake Environmental Benefit Ranking of Natural Resource Sites

| | Lawrence Lake | | | | | | |
|--------|---------------|--------------|------------|-------|--|--|--|
| | Potent | tial Restora | tion Sites | | | | |
| Rank | Wetland | Riparian | Floodplain | Total | | | |
| High | 74 | 28 | 4 | 110 | | | |
| Medium | 131 | 24 | 3 | 158 | | | |
| Low | 95 | 25 | 0 | 120 | | | |

Part IV. Assess Potential Sites within the DAU

This section presents the results of a ranking process for all potential natural resource restoration sites. The ranking of a natural resource restoration site is based on the ranking of each site individually combined with the ranking of the DAU within which the restoration site is located. The result is a final combined score from 0 to 6, with a score of 6 representing those sites with the greatest potential for environmental benefit if restored.

Table 3.2 is used to score the natural resource sites in the context of the DAU. A site with a Low environmental benefit is a preservation site or completely degraded site that would provide a minimal environmental benefit if restored.

Table 3.2Combined Ranking Score

| Ecological Benefit (DAU) | Environmental Benefit (Resource Site) | Total Score |
|-----------------------------|--|-------------|
| High | High | 6 |
| High | Moderate | 5 |
| Moderate | High | 4 |

| Ecological Benefit | Environmental Benefit | Total Score |
|--------------------|------------------------------|--------------------|
| (DAU) | (Resource Site) | |
| Moderate | Moderate | 3 |
| Low | High | 2 |
| Low | Moderate | 1 |
| N/A | Low | 0 |

Thus, the Ecological Benefit (DAU) and the Environmental Benefit (Resource Sites) are ranked to provide a final score from 0 to 6. Following evaluation, a total of 22 sites were ranked within the corresponding DAU.

Results of natural resource restoration site ranking for wetlands, riparian and floodplain (where present) areas are described in the following sections.

The following wetlands, riparian and floodplain sections describe the final combined ecological benefit and environmental benefit ranking of natural resource sites. Wetland sites less than one acre are not included in the table, but are ranked and available upon request. The following tables include the natural resource environmental score and rank, as well as the combined score when placed in the DAU.

Wetland sites

Table 3.3 presents the results of wetland restoration site ranking taking into account the combined wetland restoration potential and the DAU ranking. Figure 3.3 shows the location of each wetland restoration site. Wetland sites ranked Low and less than one acre are not included in the table, but are ranked and available in appendix B.

| Site ID | Wetlands Rank | Combined DAU Site Score | Acres |
|--------------|---------------|-------------------------|--------|
| Wetland 2829 | High | 6 | 11.59 |
| Wetland 2174 | High | 6 | 6.94 |
| Wetland 2835 | High | 6 | 8.06 |
| Wetland 2411 | High | 6 | 1.90 |
| Wetland 2051 | High | 6 | 316.07 |
| Wetland 2248 | High | 6 | 13.49 |
| Wetland 2827 | High | 6 | 11.15 |
| Wetland 2437 | High | 6 | 10.83 |
| Wetland 2283 | High | 6 | 8.62 |
| Wetland 2080 | High | 6 | 2.26 |
| Wetland 2190 | High | 6 | 0.78 |
| Wetland 2355 | High | 6 | 0.44 |
| Wetland 2366 | High | 6 | 0.40 |
| Wetland 2143 | High | 6 | 0.37 |
| Wetland 2448 | High | 6 | 0.17 |
| Wetland 2276 | High | 6 | 12.03 |
| Wetland 2826 | High | 6 | 9.74 |

Table 3.3Wetland Sites

| Site ID | Wetlands Rank | Combined DAU Site Score | Acres |
|--------------|---------------|-------------------------|-------|
| Wetland 2282 | High | 6 | 5.68 |
| Wetland 2183 | High | 6 | 3.31 |
| Wetland 2256 | High | 6 | 3.23 |
| Wetland 2117 | High | 6 | 0.88 |
| Wetland 2481 | High | 6 | 0.68 |
| Wetland 2523 | High | 6 | 0.48 |
| Wetland 2086 | High | 6 | 0.46 |
| Wetland 2254 | High | 6 | 0.43 |
| Wetland 2431 | High | 6 | 0.40 |
| Wetland 2472 | High | 6 | 0.20 |
| Wetland 2407 | High | 6 | 0.15 |
| Wetland 2429 | High | 6 | 0.14 |
| Wetland 2088 | High | 6 | 0.13 |
| Wetland 2516 | Moderate | 5 | 4.57 |
| Wetland 2433 | Moderate | 5 | 4.48 |
| Wetland 2841 | Moderate | 5 | 3.88 |
| Wetland 2285 | Moderate | 5 | 3.50 |
| Wetland 2186 | Moderate | 5 | 3.31 |
| Wetland 2412 | Moderate | 5 | 3.02 |
| Wetland 2300 | Moderate | 5 | 1.79 |
| Wetland 2528 | Moderate | 5 | 1.57 |
| Wetland 2413 | Moderate | 5 | 1.51 |
| Wetland 2476 | Moderate | 5 | 1.42 |
| Wetland 2436 | Moderate | 5 | 1.34 |
| Wetland 2493 | Moderate | 5 | 0.79 |
| Wetland 2418 | Moderate | 5 | 0.76 |
| Wetland 2520 | Moderate | 5 | 0.73 |
| Wetland 2367 | Moderate | 5 | 0.71 |
| Wetland 2469 | Moderate | 5 | 0.53 |
| Wetland 2482 | Moderate | 5 | 0.42 |
| Wetland 2514 | Moderate | 5 | 0.41 |
| Wetland 2403 | Moderate | 5 | 0.24 |
| Wetland 2297 | Moderate | 5 | 0.11 |
| Wetland 2148 | Moderate | 5 | 14.65 |
| Wetland 2435 | Moderate | 5 | 7.97 |
| Wetland 2277 | Moderate | 5 | 4.20 |
| Wetland 2384 | Moderate | 5 | 3.69 |
| Wetland 2156 | Moderate | 5 | 2.77 |
| Wetland 2335 | Moderate | 5 | 1.90 |
| Wetland 2264 | Moderate | 5 | 1.55 |
| Wetland 2451 | Moderate | 5 | 1.31 |
| Wetland 2489 | Moderate | 5 | 0.48 |
| Wetland 2320 | Moderate | 5 | 0.38 |
| Wetland 2508 | Moderate | 5 | 0.34 |
| Wetland 2526 | Moderate | 5 | 0.32 |
| Wetland 2214 | Moderate | 5 | 0.28 |
| Wetland 2171 | Moderate | 5 | 60.85 |
| Wetland 2428 | Moderate | 5 | 7.63 |
| Wetland 2398 | Moderate | 5 | 3.31 |

| Site ID | Wetlands Rank | Combined DAU Site Score | Acres |
|--------------|---------------|-------------------------|--------|
| Wetland 2178 | Moderate | 5 | 1.54 |
| Wetland 2369 | Moderate | 5 | 1.10 |
| Wetland 2236 | Moderate | 5 | 1.06 |
| Wetland 2375 | Moderate | 5 | 0.80 |
| Wetland 2241 | Moderate | 5 | 0.67 |
| Wetland 2389 | Moderate | 5 | 0.66 |
| Wetland 2159 | Moderate | 5 | 0.63 |
| Wetland 2426 | Moderate | 5 | 0.55 |
| Wetland 2358 | Moderate | 5 | 0.53 |
| Wetland 2891 | Moderate | 5 | 0.42 |
| Wetland 2509 | Moderate | 5 | 0.38 |
| Wetland 2378 | Moderate | 5 | 0.29 |
| Wetland 2157 | Moderate | 5 | 0.28 |
| Wetland 2397 | Moderate | 5 | 0.26 |
| Wetland 2142 | Moderate | 5 | 0.23 |
| Wetland 2161 | Moderate | 5 | 0.16 |
| Wetland 2890 | Moderate | 5 | 0.10 |
| Wetland 2889 | Moderate | 5 | 0.09 |
| Wetland 2830 | High | 4 | 22.19 |
| Wetland 2377 | High | 4 | 15.37 |
| Wetland 2118 | High | 4 | 12.51 |
| Wetland 2252 | High | 4 | 4.36 |
| Wetland 2202 | High | 4 | 129.06 |
| Wetland 2144 | High | 4 | 24.33 |
| Wetland 2154 | High | 4 | 15.71 |
| Wetland 2833 | High | 4 | 6.28 |
| Wetland 2134 | High | 4 | 5.51 |
| Wetland 2239 | High | 4 | 156.10 |
| Wetland 2439 | High | 4 | 16.68 |
| Wetland 2371 | High | 4 | 6.50 |
| Wetland 2233 | High | 4 | 1.46 |
| Wetland 2900 | High | 4 | 1.41 |
| Wetland 2368 | High | 4 | 1.12 |
| Wetland 2385 | High | 4 | 1.06 |
| Wetland 2376 | High | 4 | 0.85 |
| Wetland 2886 | High | 4 | 0.58 |
| Wetland 2445 | High | 4 | 0.28 |
| Wetland 2109 | High | 4 | 45.64 |
| Wetland 2831 | High | 4 | 22.68 |
| Wetland 2257 | High | 4 | 9.38 |
| Wetland 2506 | High | 4 | 1.82 |
| Wetland 2410 | High | 4 | 1.09 |
| Wetland 2495 | High | 4 | 0.59 |
| Wetland 2374 | High | 4 | 0.58 |
| Wetland 2502 | High | 4 | 0.51 |
| Wetland 2135 | High | 4 | 0.47 |
| Wetland 2521 | High | 4 | 0.26 |
| Wetland 2540 | High | 4 | 0.00 |
| Wetland 2400 | High | 4 | 4.59 |

| Site ID | Wetlands Rank | Combined DAU Site Score | Acres |
|--------------|---------------|-------------------------|-------|
| Wetland 2832 | High | 4 | 4.40 |
| Wetland 2210 | High | 4 | 2.96 |
| Wetland 2269 | High | 4 | 2.61 |
| Wetland 2423 | High | 4 | 1.95 |
| Wetland 2404 | High | 4 | 1.73 |
| Wetland 2420 | High | 4 | 1.21 |
| Wetland 2901 | High | 4 | 1.13 |
| Wetland 2503 | High | 4 | 0.73 |
| Wetland 2424 | High | 4 | 0.55 |
| Wetland 2325 | High | 4 | 0.32 |
| Wetland 2077 | High | 4 | 0.18 |
| Wetland 1605 | Moderate | 3 | 55.95 |
| Wetland 2147 | Moderate | 3 | 41.39 |
| Wetland 2834 | Moderate | 3 | 8.60 |
| Wetland 2255 | Moderate | 3 | 6.52 |
| Wetland 2405 | Moderate | 3 | 5.24 |
| Wetland 2026 | Moderate | 3 | 3.80 |
| Wetland 2015 | Moderate | 3 | 3.35 |
| Wetland 2519 | Moderate | 3 | 3.12 |
| Wetland 2454 | Moderate | 3 | 2.59 |
| Wetland 2207 | Moderate | 3 | 2.26 |
| Wetland 2187 | Moderate | 3 | 1.49 |
| Wetland 2288 | Moderate | 3 | 1.39 |
| Wetland 2458 | Moderate | 3 | 1.19 |
| Wetland 2196 | Moderate | 3 | 1.15 |
| Wetland 2120 | Moderate | 3 | 0.98 |
| Wetland 2380 | Moderate | 3 | 0.91 |
| Wetland 2193 | Moderate | 3 | 0.91 |
| Wetland 2084 | Moderate | 3 | 0.82 |
| Wetland 2263 | Moderate | 3 | 0.68 |
| Wetland 2406 | Moderate | 3 | 0.49 |
| Wetland 2262 | Moderate | 3 | 0.33 |
| Wetland 2441 | Moderate | 3 | 0.24 |
| Wetland 2103 | Moderate | 3 | 0.10 |
| Wetland 2238 | Moderate | 3 | 6.82 |
| Wetland 2457 | Moderate | 3 | 3.89 |
| Wetland 2170 | Moderate | 3 | 2.68 |
| Wetland 2497 | Moderate | 3 | 2.68 |
| Wetland 2565 | Moderate | 3 | 1.89 |
| Wetland 2286 | Moderate | 3 | 1.50 |
| Wetland 2169 | Moderate | 3 | 1.09 |
| Wetland 2902 | Moderate | 3 | 0.84 |
| Wetland 2513 | Moderate | 3 | 0.78 |
| Wetland 2453 | Moderate | 3 | 0.53 |
| Wetland 2894 | Moderate | 3 | 0.47 |
| Wetland 2101 | Moderate | 3 | 0.44 |
| Wetland 2414 | Moderate | 3 | 0.27 |
| Wetland 2499 | Moderate | 3 | 0.22 |
| Wetland 2082 | Moderate | 3 | 11.02 |

| Site ID | Wetlands Rank | Combined DAU Site Score | Acres |
|--------------|---------------|-------------------------|-------|
| Wetland 2561 | Moderate | 3 | 6.01 |
| Wetland 2223 | Moderate | 3 | 5.69 |
| Wetland 2579 | Moderate | 3 | 4.18 |
| Wetland 2557 | Moderate | 3 | 2.72 |
| Wetland 2545 | Moderate | 3 | 2.52 |
| Wetland 2446 | Moderate | 3 | 2.05 |
| Wetland 2893 | Moderate | 3 | 1.97 |
| Wetland 2309 | Moderate | 3 | 1.76 |
| Wetland 2168 | Moderate | 3 | 1.45 |
| Wetland 2510 | Moderate | 3 | 1.44 |
| Wetland 2247 | Moderate | 3 | 1.35 |
| Wetland 2216 | Moderate | 3 | 1.15 |
| Wetland 2365 | Moderate | 3 | 1.10 |
| Wetland 2888 | Moderate | 3 | 1.01 |
| Wetland 2222 | Moderate | 3 | 0.95 |
| Wetland 2131 | Moderate | 3 | 0.91 |
| Wetland 2898 | Moderate | 3 | 0.89 |
| Wetland 2237 | Moderate | 3 | 0.85 |
| Wetland 2547 | Moderate | 3 | 0.67 |
| Wetland 2346 | Moderate | 3 | 0.64 |
| Wetland 2370 | Moderate | 3 | 0.61 |
| Wetland 2434 | Moderate | 3 | 0.59 |
| Wetland 2007 | Moderate | 3 | 0.54 |
| Wetland 2541 | Moderate | 3 | 0.50 |
| Wetland 2895 | Moderate | 3 | 0.46 |
| Wetland 2326 | Moderate | 3 | 0.42 |
| Wetland 2391 | Moderate | 3 | 0.42 |
| Wetland 2306 | Moderate | 3 | 0.40 |
| Wetland 2566 | Moderate | 3 | 0.40 |
| Wetland 2201 | Moderate | 3 | 0.39 |
| Wetland 2316 | Moderate | 3 | 0.33 |
| Wetland 2191 | Moderate | 3 | 0.33 |
| Wetland 2361 | Moderate | 3 | 0.30 |
| Wetland 2197 | Moderate | 3 | 0.27 |
| Wetland 2467 | Moderate | 3 | 0.24 |
| Wetland 2132 | Moderate | 3 | 0.05 |
| Wetland 2176 | Moderate | 3 | 0.00 |
| Wetland 2477 | High | 2 | 56.54 |
| Wetland 2563 | High | 2 | 10.55 |
| Wetland 2562 | Moderate | 1 | 0.90 |
| Wetland 2583 | Moderate | 1 | 0.01 |



Figure 3.3 Lawrence Lake Subwatershed Ecological Processes and Site Ranking – Wetlands

Riparian condition

The resulting combined score of the natural resource site within the context of the DAU were scored and displayed on Figure 3.4 Lawrence Lake Subwatershed Ecological Processes and Site Ranking – Riparian. Riparian sites ranked Low are not included in the following table, but can be found in appendix B.

Table 3.4Riparian Sites

| Site ID | Riparian Rank | Combined DAU and Site Score | Acres |
|---------------|----------------------|-----------------------------|--------|
| Riparian 666 | High | 6 | 30.16 |
| Riparian 3364 | High | 6 | 7.36 |
| Riparian 948 | High | 6 | 5.55 |
| Riparian 1006 | High | 6 | 7.28 |
| Riparian 3365 | High | 6 | 22.59 |
| Riparian 3368 | High | 6 | 7.08 |
| Riparian 3394 | High | 6 | 3.97 |
| Riparian 496 | High | 6 | 26.14 |
| Riparian 512 | High | 6 | 20.01 |
| Riparian 896 | High | 6 | 83.46 |
| Riparian 3277 | Moderate | 5 | 43.06 |
| Riparian 3352 | Moderate | 5 | 6.61 |
| Riparian 3382 | Moderate | 5 | 195.79 |
| Riparian 557 | Moderate | 5 | 19.54 |
| Riparian 733 | Moderate | 5 | 28.17 |
| Riparian 890 | Moderate | 5 | 10.54 |
| Riparian 1050 | Moderate | 5 | 110.39 |
| Riparian 675 | Moderate | 5 | 16.09 |
| Riparian 541 | Moderate | 5 | 26.55 |
| Riparian 1646 | High | 4 | 3.74 |
| Riparian 3287 | High | 4 | 31.36 |
| Riparian 540 | High | 4 | 33.25 |
| Riparian 645 | High | 4 | 314.06 |
| Riparian 1105 | High | 4 | 107.72 |
| Riparian 1328 | High | 4 | 85.46 |
| Riparian 3466 | High | 4 | 1.25 |
| Riparian 555 | High | 4 | 8.22 |
| Riparian 582 | High | 4 | 49.48 |
| Riparian 619 | High | 4 | 38.88 |
| Riparian 771 | High | 4 | 57.37 |
| Riparian 1201 | High | 4 | 255.60 |
| Riparian 1658 | High | 4 | 4.49 |
| Riparian 3279 | High | 4 | 14.79 |
| Riparian 542 | High | 4 | 1.68 |
| Riparian 691 | High | 4 | 32.43 |
| Riparian 808 | High | 4 | 28.07 |
| Riparian 1102 | Moderate | 3 | 5.31 |
| Riparian 3353 | Moderate | 3 | 7.87 |
| Riparian 774 | Moderate | 3 | 240.95 |

| Site ID | Riparian Rank | Combined DAU and Site Score | Acres |
|---------------|----------------------|-----------------------------|--------|
| Riparian 790 | Moderate | 3 | 63.59 |
| Riparian 1059 | Moderate | 3 | 24.19 |
| Riparian 1070 | Moderate | 3 | 21.47 |
| Riparian 715 | Moderate | 3 | 76.84 |
| Riparian 827 | Moderate | 3 | 43.69 |
| Riparian 913 | Moderate | 3 | 78.22 |
| Riparian 924 | Moderate | 3 | 196.66 |
| Riparian 1251 | Moderate | 3 | 60.22 |
| Riparian 525 | Moderate | 3 | 12.03 |
| Riparian 687 | Moderate | 3 | 11.08 |
| Riparian 930 | Moderate | 3 | 107.49 |
| Riparian 1223 | High | 2 | 2.27 |
| Riparian 3369 | Moderate | 1 | 155.45 |



Figure 3.4 Lawrence Lake Subwatershed Ecological Processes and Site Ranking – Riparian

Floodplain Condition

The resulting combined score of the natural resource site within the context of the DAU were scored and displayed on the map Figure 3.5 Lawrence Lake Subwatershed Ecological Processes and Site Ranking – Floodplain. Floodplain sites ranked Low are not included in the following table, but can be found in appendix B.

Table 3.5Floodplain Sites

| Site ID | Floodplain Rank | Combined DAU Site Score | Acres |
|---------------|-----------------|-------------------------|-------|
| Floodplain 31 | High | 6 | 0.00 |
| Floodplain 28 | Moderate | 5 | 21.42 |
| Floodplain 38 | Moderate | 5 | 10.86 |
| Floodplain 29 | High | 4 | 4.08 |

Figure 3.5 Lawrence Lake Subwatershed Ecological Processes and Site Ranking - Floodplain