




| Burnt Grocery Creek | | sr-0223-r-001 | Sedimentation Risk Index 48 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| <u>Common:</u> 3mi SE of Harold <u>Drainage:</u> Yellow River <u>GPS:</u> 30.626983, -86.846339 <u>Land owner:</u> The Nature Conservancy | | <u>County:</u> Santa Rosa <u>State:</u> Florida <u>PLSS(T-R-S):</u> 2N-26-33 <u>Parcel No.:</u> 1 <u>Road Name:</u> Fisher Old Mill Rd | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Crossing Structure: US | | DS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Risk Factor</th> <th>Ranking</th> <th>Score</th> </tr> </thead> <tbody> <tr><td>US Channel Morph</td><td>B</td><td>5</td></tr> <tr><td>DS Channel Morph</td><td>B</td><td>5</td></tr> <tr><td>DS Bank Alteration</td><td>NATURAL</td><td>5</td></tr> <tr><td>Upstream Skew Angle</td><td><5°</td><td>5</td></tr> <tr><td>Crossing fill condition</td><td>Good/Vegetated</td><td>5</td></tr> <tr><td>Inlet/Outlet Condition</td><td>No Impairment</td><td>5</td></tr> <tr><td>Road Approach Material</td><td>All Sand/Clay</td><td>3</td></tr> <tr><td>Potential Eroded Volume Mean</td><td>>40 y³</td><td>1</td></tr> <tr><td>Approach Slope Mean</td><td>2.1-4%</td><td>3</td></tr> <tr><td>Soil K Factor</td><td><0.20</td><td>5</td></tr> <tr><td>Upstream Rt Outlet</td><td>Bare soil</td><td>0</td></tr> <tr><td>Upstream Lt Outlet</td><td>Vegetated</td><td>1</td></tr> <tr><td>Upstream Rt Ditch</td><td>Bare soil</td><td>0</td></tr> <tr><td>Upstream Lt Ditch</td><td>Vegetated</td><td>1</td></tr> <tr><td>Downstream Rt Outlet</td><td>Bare soil</td><td>0</td></tr> <tr><td>Downstream Lt Outlet</td><td>Bare soil</td><td>0</td></tr> <tr><td>Downstream Rt Ditch</td><td>Bare soil</td><td>0</td></tr> <tr><td>Downstream Lt Ditch</td><td>Bare soil</td><td>0</td></tr> <tr><td>Outlet Total</td><td>Partially Improved Outlet System</td><td>3</td></tr> <tr><td>Ditches Total</td><td>Partially Improved Drainage System</td><td>3</td></tr> <tr><td>SRI Total</td><td>Low Risk</td><td>48</td></tr> </tbody> </table> | | Risk Factor | Ranking | Score | US Channel Morph | B | 5 | DS Channel Morph | B | 5 | DS Bank Alteration | NATURAL | 5 | Upstream Skew Angle | <5° | 5 | Crossing fill condition | Good/Vegetated | 5 | Inlet/Outlet Condition | No Impairment | 5 | Road Approach Material | All Sand/Clay | 3 | Potential Eroded Volume Mean | >40 y ³ | 1 | Approach Slope Mean | 2.1-4% | 3 | Soil K Factor | <0.20 | 5 | Upstream Rt Outlet | Bare soil | 0 | Upstream Lt Outlet | Vegetated | 1 | Upstream Rt Ditch | Bare soil | 0 | Upstream Lt Ditch | Vegetated | 1 | Downstream Rt Outlet | Bare soil | 0 | Downstream Lt Outlet | Bare soil | 0 | Downstream Rt Ditch | Bare soil | 0 | Downstream Lt Ditch | Bare soil | 0 | Outlet Total | Partially Improved Outlet System | 3 | Ditches Total | Partially Improved Drainage System | 3 | SRI Total | Low Risk | 48 |  | |
| Risk Factor | Ranking | Score | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| US Channel Morph | B | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DS Channel Morph | B | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DS Bank Alteration | NATURAL | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Upstream Skew Angle | <5° | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Crossing fill condition | Good/Vegetated | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inlet/Outlet Condition | No Impairment | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Road Approach Material | All Sand/Clay | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Potential Eroded Volume Mean | >40 y ³ | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Approach Slope Mean | 2.1-4% | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Soil K Factor | <0.20 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Upstream Rt Outlet | Bare soil | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Upstream Lt Outlet | Vegetated | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Upstream Rt Ditch | Bare soil | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Upstream Lt Ditch | Vegetated | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Downstream Rt Outlet | Bare soil | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Downstream Lt Outlet | Bare soil | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Downstream Rt Ditch | Bare soil | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Downstream Lt Ditch | Bare soil | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Outlet Total | Partially Improved Outlet System | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ditches Total | Partially Improved Drainage System | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SRI Total | Low Risk | 48 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Additional Site Features <u>Crossing Type and Quantity:</u> Bridge, 1 <u>Crossing Materials:</u> Wood <u>Soil Types:</u> 7,18,33,34 <u>Rt Approach Prism Fill:</u> 1.25in <u>Lt Approach Prism Fill:</u> 0.75in | | <table border="1"> <thead> <tr> <th>Feature</th> <th>Within Range</th> <th>Descriptive Field</th> </tr> </thead> <tbody> <tr> <td>303(d)</td> <td>No</td> <td>N/A</td> </tr> <tr> <td>Wetland Species</td> <td>Yes</td> <td>4-6 FOCAL SPECIES IN UPLAND AREAS</td> </tr> <tr> <td>Rare and Imperiled</td> <td>No</td> <td>N/A</td> </tr> <tr> <td>Land Use/Cover</td> <td>Yes</td> <td>AGRICULTURAL/ WETLAND FORESTED MIX</td> </tr> <tr> <td>Candidate Mussels</td> <td>No</td> <td>N/A</td> </tr> <tr> <td>Sturgeon C.H.</td> <td>No</td> <td>N/A</td> </tr> </tbody> </table> | | Feature | Within Range | Descriptive Field | 303(d) | No | N/A | Wetland Species | Yes | 4-6 FOCAL SPECIES IN UPLAND AREAS | Rare and Imperiled | No | N/A | Land Use/Cover | Yes | AGRICULTURAL/ WETLAND FORESTED MIX | Candidate Mussels | No | N/A | Sturgeon C.H. | No | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Feature | Within Range | Descriptive Field | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 303(d) | No | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wetland Species | Yes | 4-6 FOCAL SPECIES IN UPLAND AREAS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rare and Imperiled | No | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Land Use/Cover | Yes | AGRICULTURAL/ WETLAND FORESTED MIX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Candidate Mussels | No | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sturgeon C.H. | No | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Notes: DS Rt private residence, point source pollution potential.