**Tables for Green Projects**

**(Reclaimed Water, Stormwater Best Management Practices, Stream/Buffer/Wetland Restoration, Rainwater Harvesting)**

**Table of Contents**

1. Upfront Information [1](#Section_0_0)

1.0 Executive Summary [1](#Section_1_0)

2.0 Current Situation [1](#Section_2_0)

2.1 Reclaimed Water [1](#Section_2_1)

2.2 Stormwater Best Management Practices [1](#Section_2_2)

Table 2.1 Project Area Description [1](#Table_2_2_2_1)

Table 2.2.1 Zoning [1](#Table_2_2_2_2_1)

Table 2.2.2 Current Land Use [2](#Table_2_2_2_2_2)

Table 2.2.3 Soils Found In and Adjacent to the Project Area [3](#Table_2_2_2_2_3)

Table 2.3 Watershed Characterization [3](#Table_2_2_2_3)

Table 2.4.1 Drainage Area Table [4](#Table_2_2_2_4_1)

Table 2.4.2 Additional Off-Site Drainage Area Table [4](#Table_2_2_2_4_2)

Table 2.4.3 Existing Impervious Area Table [5](#Table_2_2_2_4_3)

2.3 Stream/Buffer/Wetland Restoration [5](#Section_2_3)

Table 2.1 Project Location Description [5](#Table_2_3_2_1)

Table 2.2a Current Zoning [6](#Table_2_3_2_2a)

Table 2.2b Current Land Use [6](#Table_2_3_2_2b)

Table 2.3 Stream Characteristics (if applicable) [7](#Table_2_3_2_3)

Table 2.4 Stream Classification [7](#Table_2_3_2_4)

Table 2.5.1 Watershed Characterization [8](#Table_2_3_2_5_1)

Table 2.5.2 Wetland Characteristics [8](#Table_2_3_2_5_2)

Table 2.5.3 Soils Found in and Adjacent to Project Area [8](#Table_2_3_2_5_3)

Table 2.6 Riparian Buffer Characteristics [9](#Table_2_3_2_6)

2.4 Rainwater Harvesting [9](#Section_2_4)

3.0 Future Situation [10](#Section_3_0)

3.1 Reclaimed Water [10](#Section_3_1)

3.2 Stormwater Best Management Practices [10](#Section_3_2)

Table 3.1 Future Land Use and Zoning Changes [10](#Table_3_2_3_1)

Table 3.2 Development Impacts [10](#Table_3_2_3_2)

3.3 Stream, Buffer, and Wetland Restoration [11](#Section_3_3)

Table 3.1. Future Land Use and Zoning [11](#Table_3_3_3_1)

Table 3.2 Proposed Developments [12](#Table_3_3_3_2)

Table 3.3 Future Floodplain Changes [12](#Table_3_3_3_3)

4.0 Need and Purpose [12](#Section_4_0)

5.0 Alternatives Analysis [13](#Section_5_0)

5.1 Alternatives Description [13](#Section_5_1)

Table 5.y Alternatives Description [13](#Table_5_0_5y)

5.2 Present Worth Analysis [15](#Section_5_2)

6.0 Proposed Project Description [15](#Section_6_0)

7.0 Environmental Information Document [15](#Section_7_0)

Table 7.1 Topography and Floodplains [15](#Table_7_1)

Table 7.2 Soils [16](#Table_7_2)

Table 7.3 Prime or Unique Farmalnd [17](#Table_7_3)

Table 7.4 Land Use [18](#Table_7_4)

Table 7.5 Forest Resources [19](#Table_7_5)

Table 7.6.1 Wetlands and Streams [20](#Table_7_6_1)

Table 7.6.2 Stream/Wetland Crossings [21](#Table_7_6_2)

Table 7.7 Water Resources [22](#Table_7_7)

Table 7.8 Wild and Scenic Rivers [23](#Table_7_8)

Table 7.9 Coastal Resources [24](#Table_7_9)

Table 7.10 Shellfish, Fish, and Their Habitats [25](#Table_7_10)

Table 7.11 Wildlife and Natural Vegetation [26](#Table_7_11)

Table 7.12 Public Lands and Scenic, Recreational, and State Natural Areas [27](#Table_7_12)

Table 7.13 Areas of Archaeological or Historical Value [28](#Table_7_13)

Table 7.14 Air Quality [29](#Table_7_14)

Table 7.15 Noise Levels [30](#Table_7_15)

Table 7.16 Introduction of Toxic Substances [31](#Table_7_16)

Table 7.17 Environmental Justice Analysis [32](#Table_7_17)

Table 7.18 Mitigative Measures [33](#Table_7_18)

1. Upfront Information

Complete as required by Part B of the guidance.

1. Executive Summary

Complete in narrative format as required by Part B of the guidance.

1. Current Situation
	1. Reclaimed Water Systems

Update coming Summer 2015.

* 1. Stormwater Best Management Practices

|  |
| --- |
| **Table 2.1. Project Area Description** |
| **Project Name** |
| **Owner Name** |
| ***Use this table for projects funded or co-funded by the CWSRF.*** |
| *Complete this table in accordance with Subchapter 2.6.1 of Part B of the guidance.* |
| Project Area Map Reference: |       |
| Total Project Area (acres): |       | Total Drainage Area (acres): |       | Total Impervious Area (acres): |       |
|  |
| *Complete the project area description as discussed in Section 8.3.1 of the guidance.* |
|       |

| Table 2.2.1 Zoning |
| --- |
|  |
|  |
| ***Use this table for projects funded or co-funded by the CWSRF program.*** |
| *Complete this table in accordance with Subchapter 2.2.2 of Part B of the guidance.* |
| Zoning Figure Reference: |       |
| Zoning Appendix Reference: |       |
| **Zoning** | **Definition** | **Area in or Adjacent to Project Area (acres)** |
|       |       |       |
|       |       |       |
|       |       |       |
|       |       |       |
|       |       |       |
|       |       |       |
|       |       |       |
| **Total:** |  |

| Table 2.2.2. Current Land Use  |
| --- |
|  |
|  |
| ***Use this table for projects funded or co-funded by the CWSRF program.*** |
| *Complete this table in accordance with Subchapter 2.2.2 of Part B of the guidance.* |
| Land Use Figure Reference: |  |
| Land Use Appendix Reference: |  |
| **Land Use** | **Definition** | **Area in or Adjacent to Project Area (acres)** |
|       |       |       |
|       |       |       |
|       |       |       |
|       |       |       |
|       |       |       |
|       |       |       |
| **Total:** |  |

| Table 2.2.3. Soils Found In and Adjacent to the Project Area |
| --- |
|  |
|  |
| ***Use this table for projects funded or co-funded by the CWSRF program.*** |
| *Complete this table in accordance with Subchapter 2.2.2 of Part B of the guidance.* |
| USGS Topographic Map Reference: |  |
| Soils Figure Reference: |  |
| Soils Appendix Reference: |  |
| **Soil Series Symbol** | **Soil Series Name** | **Soil Series Description** | **Hydric?** | **Area (acres)** |
|       |       |       |       |       |
|       |       |       |       |       |
|       |       |       |       |       |
|       |       |       |       |       |
|       |       |       |       |       |
|       |       |       |       |       |
|       |       |       |       |       |
| **Total:** |  |

| Table 2.3. Watershed Characterization |
| --- |
|  |
|  |
| ***Use this table for projects funded or co-funded by the CWSRF.*** |
| *Complete this table in accordance with Subchapter 2.6.3 of Part B of the guidance.* |
| Watershed Characterization Figure Reference: |       |
| Watershed Characterization Appendix Reference: |       |
| **Stream Name** | **Key #** | **Classification** | **Impaired?** | **Impairment (if applicable)** |
|       |       |       |       |       |
|       |       |       |       |       |
|       |       |       |       |       |
|       |       |       |       |       |
|       |       |       |       |       |
| Table 2.4.1. Drainage Area Table |
|  |
|  |
| ***Use this table for projects funded or co-funded by the CWSRF program.*** |
| *Complete this table in accordance with Subchapter 2.2.4 of Part B of the guidance.* |
| Drainage Area Figure Reference: |       |
| **Key #** | **Drainage Area (ft2)** |
|       |       |
|       |       |
|       |       |
|       |       |
|       |       |
| **Total:** |  |
| *Provide calculations showing how each keyed area was calculated.* |
|       |

| Table 2.4.2 Additional Off-Site Drainage Area Table |
| --- |
|  |
|  |
| ***Use this table for projects funded or co-funded by the CWSRF program.*** |
| *Complete this table in accordance with Subchapter 2.2.4 of Part B of the guidance.* |
| Off-Site Drainage Area Figure Reference: |  |
| **Key #** | **Drainage Area (ft2)** |
|       |       |
|       |       |
|       |       |
|       |       |
|       |       |
| **Total:** |  |
| *Provide calculations showing how each keyed area was calculated.* |
|       |

| Table 2.4.3. Existing Impervious Area Table |
| --- |
|  |
|  |
| ***Use this table for projects funded or co-funded by the CWSRF.*** |
| *Complete this table in accordance with Subchapter 2.6.4 of Part B of the guidance.* |
| Existing Impervious Area Figure Reference Number: |  |
| **Key #** | **Drainage Area (ft2)** | **Percent Impervious Area** |
|       |       |       |
|       |       |       |
|       |       |       |
|       |       |       |
|       |       |       |
| **Total:** |  |  |
| *Provide calculations showing how each keyed area was calculated.* |
|       |

[To Table of Contents](#TOC)

* 1. Stream/Buffer/Wetland Restoration

| **Table 2.1. Project Location Description** |
| --- |
| **Project Name** |
| **Owner Name** |
| Project Location Figure Reference: |       |
| County/City where project is located: |       |
| ***Use this table for projects funded or co-funded by the CWSRF program.*** |
| *Describe the location of the project as discussed in Subchapter 2.3.1 of Part B of the guidance.* |
|       |

| Table 2.2a. Current Zoning |
| --- |
|  |
|  |
| ***Use this table for projects funded or co-funded by the CWSRF program.*** |
| *Characterize the zoning as described in Subchapter 2.3.2 of Part B of the guidance.* |
|  |  |
| Zoning Appendix Reference: |  |
| **Zoning** | **Definition** | **Area in or Adjacent to Project Area (acres)** |
|       |       |       |
|       |       |       |
|       |       |       |
|       |       |       |
|       |       |       |
|       |       |       |
|       |       |       |

| Table 2.2b. Current Land Use |
| --- |
|  |
|  |
| ***Use this table for projects funded or co-funded by the CWSRF program.*** |
| *Characterize the zoning as described in Subchapter 2.3.2 of Part B of the guidance.* |
| Land Use Figure Reference Figure Number: |  |
| Land Use Appendix Reference: |       |
| Percent Impervious Surface Currently in Watershed: |       |
| **Land Use** | **Definition** | **Area in or Adjacent to Project Area (acres)** |
|       |       |       |
|       |       |       |
|       |       |       |
|       |       |       |
|       |       |       |
|       |       |       |

| Table 2.3. Stream Characteristics |
| --- |
|  |
|  |
| ***Use this table for projects funded or co-funded by the CWSRF.*** |
| *Describe the following as discussed in Subchapter 2.3.3 of Part B of the guidance if the project includes stream restoration.* |
| ***Type of Stream*** |
| Stream Type Reference: |       |
|       |
| ***Stream Patterns and Hydrology*** |
| Aerial Photo Reference (if applicable): |       |
|       |
| ***Excessive Sedimentation*** |
| Erosion Ordinance Reference (if applicable): |       |
|       |
| ***Aquatic Species/Habitats and Water Quality Monitoring*** |
| Aquatic Species Supporting Information Reference: |       |
|        |
| ***Presence of Manmade Structures*** |
| Photo Reference (if applicable): |       |
|       |
| ***Topography*** |
| USGS Topographic Map Reference: |       |
|       |

| Table 2.4. Stream Classification |
| --- |
|  |
|  |
| ***Use this table for projects funded or co-funded by the CWSRF program.*** |
| *Complete this table in accordance with Subchapter 2.3.4 of Part B of the guidance.* |
| Stream Classification Figure Reference: |       |
| Stream Classification Appendix Reference: |       |
| **Stream Name** | **Key #** | **Classification** | **Impaired?** | **Impairment (if applicable)** |
|       |       |       |       |       |
|       |       |       |       |       |
|       |       |       |       |       |
|       |       |       |       |       |
|       |       |       |       |       |
| *Provide any additional information related to stream classification.* |
|       |

| Table 2.5.1. Watershed Characterization |
| --- |
|  |
|  |
| ***Use this table for projects funded or co-funded by the CWSRF program.*** |
| *Complete this table in accordance with Subchapter 2.3.5 of Part B of the guidance.* |
| Watershed Characterization Figure Reference: |       |
| Watershed Characterization Appendix Reference: |       |
| **Stream Name** | **Key #** | **Classification** | **Impaired?** | **Impairment (if applicable)** |
|       |       |       |       |       |
|       |       |       |       |       |
|       |       |       |       |       |
|       |       |       |       |       |
|       |       |       |       |       |
| *Provide any additional information related to stream classification.* |
|       |

| Table 2.5.2. Wetland Characteristics |
| --- |
|  |
|  |
| Supporting Information Appendix Reference: |       |
| ***Use this table for projects funded or co-funded by the CWSRF program.*** |
| *Describe the following as discussed in Subchapter 2.3.5 of Part B of the guidance if the project includes wetland restoration.* |
| Wetland Type: |       |
| Wetland Size (acres): |       |
| *Describe the following as discussed in Subchapter 2.7.5 of Part B of the guidance.* |
| ***Wetland Function and Importance*** |
| Function and Importance Appendix Reference: |       |
|       |
| ***Species*** |
| Species Appendix Reference: |       |
|        |

| Table 2.5.3 Soils Found in and Adjacent to Project Area |
| --- |
|  |
|  |
| Supporting Information Appendix Reference: |       |
| ***Use this table for projects funded or co-funded by the CWSRF program.*** |
| *Describe the following as discussed in Subchapter 2.3.5 of Part B of the guidance.* |
| **Soil Series Symbol** | **Soil Series Name** | **Soil Series Description** | **Hydric?** | **Area (acres)** |
|       |       |       |       |       |
|       |       |       |       |       |
|       |       |       |       |       |
|       |       |       |       |       |
| **Total:** |  |

| Table 2.6. Riparian Buffer Characteristics |
| --- |
|  |
|  |
| Photography Appendix Reference: |       |
| Supporting Information Appendix Reference: |       |
| ***Use this table for projects funded or co-funded by the CWSRF program.*** |
| *Describe the following as discussed in Subchapter 2.3.6 of Part B of the guidance.* |
| ***Vegetation*** |
|       |
| ***Soil Types*** |
|       |
| ***Riparian Buffer Width*** |
|       |

[To Table of Contents](#TOC)

* 1. Rainwater Harvesting

Coming Soon

[To Table of Contents](#TOC)

1. Future Situation
	1. Reclaimed Water

Updates coming Summer 2015

* 1. Stormwater Best Management Practices

| Table 3.1. Future Land Use and Zoning Changes |
| --- |
|  |
|  |
| ***Use this table for projects funded or co-funded by the CWSRF program.*** |
| *Discuss future land use and zoning changes as described in Subchapter 3.2.1 of Part B of the guidance.* |
| Future Land Use and Zoning Figure Reference Number: |       |
| Land Use and Zoning Appendix Reference: |       |
|       |

| Table 3.2. Development Impacts |
| --- |
|  |
|  |
| ***Use this table for projects funded or co-funded by the CWSRF program.*** |
| *Complete this table in accordance with Subchapter 3.2.2 of Part B of the guidance.* |
| Development Impacts Figure Reference Number: |  |
| Development Documentation Appendix Reference: |       |
| **Map Key** | **Development Name** | **Development Description** | **Year Built** | **Impervious Area (acres)** | **Percent Impervious Surface** |
|       |       |       |       |       |       |
|       |       |       |       |       |       |
|       |       |       |       |       |       |
|  | **Current Impervious Area (acres)** |  |  |
|  | **New Impervious Area (acres):** |  |  |
|  | **Percent Increase of Impervious Area:** |  |  |

| Table 3.3. Impervious Area and Storm Characterization |
| --- |
|  |
|  |
| ***Use this table for projects funded or co-funded by the CWSRF program.*** |
| *Complete the information about impervious surface in accordance with Subchapter 3.2.3 of Part B of the guidance.* |
| Current Impervious Percentage: |       | Future Impervious Percentage: |       |
| *Complete the information below if impervious surface increase is greater than 10 percent.* |
|  | ***Current*** | ***Future*** |
| Post-Project Impervious Area (ft2): |       |       |
| Post-Project Percent Impervious Area(ft2): |       |       |
| Post-Development 1-year 24-hour Peak Flow (ft3/sec): |       |       |
| Pre/Post 1-year, 24-hour Peak Control (ft3/sec): |       |       |

[To Table of Contents](#TOC)

* 1. Stream, Buffer, and Wetland Restoration

| Table 3.1. Future Land Use and Zoning |
| --- |
|  |
|  |
| ***Use this table for projects funded or co-funded by the CWSRF program.*** |
| *Discuss the future land use and zoning changes as described in Subchapter 3.3.1 of Part B of the guidance.* |
| Future Land Use Figure Reference Number (if applicable): |       |
| Supporting Information Appendix Reference: |       |
|       |

|  |
| --- |
| Table 3.2. Proposed Developments |
|  |
|  |
| ***Use this table for projects funded or co-funded by the CWSRF program.*** |
| *Provide proposed development information as described in Subchapter 3.3.2 of Part B of the guidance.* |
| Proposed Development Figure Reference Number: |       |
| **Map Key** | **Development Name** | **Brief Description** | **Size (acres)** | **Year of Construction** |
|       |       |       |       |       |
|       |       |       |       |       |
|       |       |       |       |       |
|       |       |       |       |       |
|       |       |       |       |       |

| Table 3.3. Future Floodplain Changes |
| --- |
|  |
|  |
| Supporting Information Appendix Reference: |       |
| Floodplain Figure Reference Number: |       |
| *Discuss any floodplain changes as required in Section 9.4.2 of the guidance.* |
|       |

[To Table of Contents](#TOC)

1. Need and Purpose

Use narrative to complete this section according to the guidance.

[To Table of Contents](#TOC)

1. Alternatives Analysis
	1. Alternatives Description

| **Table 5.y. Alternatives Description** |
| --- |
| **Project Name** |
| **Owner Name** |
| **No-Action Alternative** |
| ***Use this table for projects funded or co-funded by the CWSRF program only.*** |
| *Provide a description of the above alternative in accordance with Subchapter 5.1 of Part B of the guidance.*  |
| Supporting Information Appendix Reference: |       |
| **Description** |
|       |
| Is Figure Included? [ ]  Yes [ ]  No | If Yes, Figure #:       |
| **Alternative Feasibility:** [ ]  Feasible [ ]  Infeasible |
| **Capital Cost:** |       | **Present Worth:** |       |
| **Water Use, Reuse, Recapture, and Conservation****(CWSRF funded and co-funded projects only)** |
| *Check the box that most appropriately describes the water use, reuse, recapture, and conservation capabilities of the project.* |
| [ ]  The project type is not applicable to water use, reuse, recapture, and conservation. Therefore, no analysis has been completed.[ ]  The scope of the project is not applicable to water use, reuse, recapture, and conservation. Therefore, no analysis has been completed.[ ]  The project type or project scope requires an analysis of water use, reuse, recapture, and conservation. The analysis is briefly discussed below.  |
| *If the third box above is checked, then check the appropriate box below and briefly provide a qualitative discussion about the water use, reuse, recapture, and conservation abilities of the alternative.* |
| [ ]  This is the No-Action Alternative.[ ]  This alternative provides more water use, reuse, recapture, and/or conservation than the Preferred Alternative.[ ]  This alternative provides less water use, reuse, recapture, and/or conservation than the Preferred Alternative.[ ]  This alternative provides the same water use, reuse, recapture, and/or conservation as the Preferred Alternative.[ ]  This alternative is the Preferred Alternative. |
| *Water Use, Reuse, Recapture, and Conservation Discussion* |
|       |
| **Energy Conservation (CWSRF funded and co-funded projects only)** |
| *Check the box that most appropriately describes the energy conservation capabilities of the project.* |
| [ ]  The project type is not applicable to energy conservation. Therefore, no analysis has been completed.[ ]  The scope of the project is not applicable to energy conservation. Therefore, no analysis has been completed.[ ]  The scope of the project is applicable to energy conservation. The analysis is briefly discussed below.[ ]  The project type is applicable to energy conservation. The analysis is briefly discussed below. |
| *If the third box and/or fourth boxes above are checked, then check the appropriate box below and briefly provide a qualitative discussion about the energy conservation abilities of the alternative.* |
| [ ]  This is the No-Action Alternative[ ]  This alternative provides more energy conservation than the Preferred Alternative.[ ]  This alternative provides less energy conservation than the Preferred Alternative.[ ]  This alternative provides the same energy conservation as the Preferred Alternative.[ ]  This alternative is the Preferred Alternative. |
| *Energy Conservation Discussion* |
|       |
| **Environmental Impact Description** |
| *Provide a qualitative description of the environmental impacts and compare the impacts to that of the Preferred Alternative.* |
|  |
| **Environmental Impact Analysis** |
| **[ ]** Greater than Preferred Alternative[ ]  Less than Preferred Alternative[ ]  Same as Preferred Alternative[ ]  Preferred Alternative |
| **Acceptance/Rejection** |
| **Alternative: [ ]** Accepted [ ]  Rejected |
| **Rationale for Acceptance/Rejection** |
| *Discuss the rationale for acceptance/rejection of the above-referenced alternative.* |
|       |

[To Table of Contents](#TOC)

* 1. Present Worth Analysis

Complete the present worth analysis by using the Present Worth Analysis workbook.

[To Table of Contents](#TOC)

1. Proposed Project Description

Complete the proposed project description by using a narrative format and following Chapter 6.0 of Part B of the guidance.

[To Table of Contents](#TOC)

1. Environmental Information Document

| Table 7.1. Topography and Floodplains |
| --- |
| Project Name |
| Owner Name |
| ***Use this table for projects funded or co-funded by the CWSRF, WW-HUC, WW-SRL, or WW-SEL programs.*** |
| *Complete this table in accordance with Subchapter 7.4.1 of Part B of the guidance.*  |
| Floodplain Figure Reference Number (if applicable): |       |
| Floodplain Information Appendix Reference (if applicable): |       |
| ***Existing Conditions*** |
| *Physiographic Province:* | [ ]  Coastal Plain [ ]  Piedmont [ ]  Mountains |
| *Minimum Elevation in Project Area (MSL):* | *Maximum Elevation in Project Area (MSL):* |
|       |       |
| *Is the project in the 100-year floodplain? (If so, show in Environmental Features Figure.)* | [ ]  Yes[ ]  No |
| *Is the project in the 100-year floodway? (If so, show in Environmental Features Figure.)* | [ ]  Yes[ ]  No |
| *Discuss other topographical and geological features.* |
|       |
| ***Impacts*** |
| *Describe temporary and permanent construction impacts of project on topography.* |
|       |
| *Describe temporary and permanent impacts of project on the 100-year floodplain and floodway if “Yes” is checked above. If permanent impacts are proposed, explain alternatives that were considered and why those alternatives are not practicable.* |
|       |
| *Describe SCI of the project.* |
|       |
| ***Mitigative Measures*** |
| *Mitigative Measures for Construction Impacts?* | *Mitigative Measures for SCI?* |
| [ ]  Yes[ ]  Not Applicable | [ ]  Yes[ ]  Not Applicable |
| *Describe the mitigative measures below and supply references to the appropriate appendix in the ER/EID.* |
| *Mitigative Measure Description* | *Reference(s)* |
|       |       |

| Table 7.2. Soils |
| --- |
|  |
|  |
| ***For use with projects funded or co-funded by the CWSRF program and/or projects requiring a FONSI.*** |
| *Complete this table in accordance with Subchapter 7.4.2 of Part B of the guidance.* |
| Soils Figure Reference Number: |       |
| Soils Information Appendix Reference (if applicable): |       |
| ***Existing Conditions*** |
| *Identify and describe the primary types of soil. Provide a soils figure in the EID.* |
|       |
| *Is soil contamination present?* | [ ]  Yes [ ]  No |
| *Does soil type present any constraints to the project?* | [ ]  Yes [ ]  No |
| *If yes to either of the above, explain:* |
|       |
| ***Impacts*** |
|  |
| *Will soil be moved offsite?* | [ ]  Yes [ ]  No | *Quantity (yd3):* |       |
| *Will soil be contaminated?* | [ ]  Yes [ ]  No |
| *Describe temporary and permanent construction impacts of project.* |
|       |
| *Describe SCI of the project.* |
|       |
| ***Mitigative Measures*** |
| *Mitigative Measures for Construction Impacts?* | *Mitigative Measures for SCI?* |
| [ ]  Yes[ ]  Not Applicable | [ ]  Yes[ ]  Not Applicable |
| *Describe the mitigative measures below and supply references to the appropriate appendix in the ER/EID.* |
| *Mitigative Measure Description* | *Reference(s)* |
|       |       |

| Table 7.3. Prime and Unique Farmland |
| --- |
|  |
|  |
| ***For use with projects funded or co-funded with CWSRF program and/or for projects requiring a FONSI.*** |
| *Complete this table in accordance with Subchapter 7.4.3 of Part B of the guidance.* |
| Prime and Unique Farmland Information Appendix Reference (if applicable): |       |
| ***Existing Conditions & Impacts*** |
| 1. *Does the project area contain prime and unique (P&U) farmlands? If yes, show on soils figure the soil types that are prime and unique farmland. (If “No” skip the rest of the table.)*
 | [ ]  Yes[ ]  No | If Yes, Quantity (acres): |       |
| 1. *Is P&U farmland in agricultural use?*
 | [ ]  Yes[ ]  No |  |  |
| 1. *Will P&U farmland be directly impacted by the project? (If “No” skip questions 3-4.)*
 | [ ]  Yes[ ]  No | If Yes, Quantity (acres): |       |
| 1. *What is the total acreage of P&U farmland in the county?*
 | Acres Impacted: |       |
| 1. *What is the percentage of P&U farmland in the county that will be impacted? (Divide answer to Question 2 by answer to Question 3)*
 | Percentage Impacted: |       |
|  |
| *Will SCI impact prime and unique farmlands?* | [ ]  Yes[ ]  No | If Yes, Quantity (acres): |       |
| *Describe SCI of the project.* |
|       |
| ***Mitigative Measures*** |
| *Mitigative Measures for Construction Impacts?* | *Mitigative Measures for SCI?* |
| [ ]  Yes[ ]  Not Applicable | [ ]  Yes[ ]  Not Applicable |
| *Describe the mitigative measures below and supply references to the appropriate appendix in the ER/EID.* |
| *Mitigative Measure Description* | *Reference(s)* |
|       |       |

| Table 7.4. Land Use |
| --- |
|  |
|  |
| ***For use with projects funded or co-funded with CWSRF program and/or projects requiring a FONSI.*** |
| *Complete this table in accordance with Subchapter 7.4.4 of Part B of the guidance.* |
| Land Use Figure Reference Number (if applicable): |       |
| Land Use Information Appendix Reference (if applicable): |       |
| ***Existing Conditions*** |
| *Discuss the current land use for the project site.* |
|       |
| *Discuss the current land use for the broader project area.* |
|       |
| *Discuss the zoning for the project site.* |
|       |
| *Discuss the zoning for the broader project area.* |
|       |
| ***Impacts*** |
| *Discuss the direct impacts to land use on the project site.* |
|       |
| *Describe SCI of the project.* |
|       |
| ***Mitigative Measures*** |
| *Mitigative Measures for Construction Impacts?* | *Mitigative Measures for SCI?* |
| [ ]  Yes[ ]  Not Applicable | [ ]  Yes[ ]  Not Applicable |
| *Describe the mitigative measures below and supply references to the appropriate appendix in the EID.* |
| *Mitigative Measure Description* | *Reference(s)* |
|       |       |

| Table 7.5. Forest Resources |
| --- |
|  |
|  |
| ***For use with projects funded or co-funded by the CWSRF program and/or for projects requiring a FONSI.*** |
| *Complete this table in accordance with Subchapter 7.4.5 of Part B of the guidance.* |
| Forest Resources Information Appendix Reference (if applicable): |       |
| ***Existing Conditions*** |
| *Discuss the type of forest resources on the project site and in the project area* |
|       |
| *Discuss the types of wildlife habitat on the project site and in the project area.* |
|       |
| ***Impacts*** |
| *Will forest resources be impacted?* | [ ]  Yes[ ]  No | If Yes, Quantity (acres): |       |
| *Will SCI impact forest resources?* | [ ]  Yes[ ]  No | If Yes, Approximate Quantity (acres): |       |
| *Describe SCI of the project.* |
|       |
| ***Mitigative Measures*** |
| *Mitigative Measures for Construction Impacts?* | *Mitigative Measures for SCI?* |
| [ ]  Yes[ ]  Not Applicable | [ ]  Yes[ ]  Not Applicable |
| *Describe the mitigative measures below and supply references to the appropriate appendix in the EID.* |
| *Mitigative Measure Description* | *Reference(s)* |
|       |       |

| Table 7.6.1. Wetlands and Streams |
| --- |
|  |
|  |
| ***For use with the CWSRF, WW-HUC, WW-SRL, and WW-SEL programs.*** |
| *Complete this table in accordance with Subchapter 7.4.6 of Part B of the guidance.* |
| Wetlands and Streams Figure Reference Number: |       |
| Wetlands and Streams Information Appendix Reference (if applicable): |       |
| ***Existing Conditions*** |
| *Are wetlands present on the project site and in the project area?* | *Are streams present on the project site and in the project area?* |
| [ ]  Yes[ ]  No | [ ]  Yes[ ]  No |
| *If so, discuss the type, quality, function, and relative importance of wetlands and identify any streams.* |
|       |
| *Have delineations occurred?* | *If so, supply the date.* |
| [ ]  Yes [ ]  No |       |
| ***Impacts*** |
| *Will wetlands be impacted?* | [ ]  Yes[ ]  No | If Yes, Quantity (acres): |       |
| *Will streams be impacted?* | [ ]  Yes[ ]  No | If Yes, Quantity (linear feet): |       |
| *Will SCI impact wetlands?* | [ ]  Yes[ ]  No | If Yes, Approximate Quantity (acres): |       |
| *Will SCI impact streams?* | [ ]  Yes[ ]  No | If Yes, Approximate Quantity (linear feet): |       |
| *Describe Direct Impacts of the project (construction and operational impacts). If there will be any stream/wetland crossings, complete Table S.9.a in addition to the description.* |
|       |
| *Describe SCI of the project.* |
|       |
| ***Mitigative Measures*** |
| *Mitigative Measures for Construction Impacts?* | *Mitigative Measures for SCI?* |
| [ ]  Yes[ ]  Not Applicable | [ ]  Yes[ ]  Not Applicable |
| *Describe the mitigative measures below and supply references to the appropriate appendix in the EID.* |
| *Mitigative Measure Description* | *Reference(s)* |
|       |       |

| Table 7.6.2. Stream/Wetland Crossings |
| --- |
|  |
|  |
| ***For use with the CWSRF, WW-HUC, WW-SRL, and WW-SEL programs.*** |
| *Wetland Crossings (add rows as needed; include all crossings even if impact is zero acres.)* |
| Stream and Wetlands Crossing Figure Reference Number: |       |
| Stream and Wetlands Crossing Information Appendix Reference (if applicable): |       |
| # Keyed to Map | Diameter & Type of Sewer | Installation Method | Acres Impacted |
|       |       |       |       |
|       |       |       |       |
|       |       |       |       |
|       |       |       |       |
|       |       |       |       |
|       |       |       |       |
| **Total Wetland Impacts (acres):** |  |
| *Stream Crossings (add rows as needed; include all crossings even if impact is zero feet.)* |
| # Keyed to Map | Diameter & Type of Sewer | Installation Method | Linear Feet Impacted |
|       |       |       |       |
|       |       |       |       |
|       |       |       |       |
|       |       |       |       |
|       |       |       |       |
|       |       |       |       |
| **Total Stream Impacts (feet):** |  |

| Table 7.7. Water Resources |
| --- |
|  |
|  |
| ***For use with projects funded or co-funded with CWSRF program and/or projects requiring a FONSI.*** |
| *Complete this table in accordance with Subchapter 7.4.7 of Part B of the guidance.* |
| Water Resources Appendix Information Appendix Reference (if applicable): |       |
| ***Existing Conditions*** |
| *River basin(s) for project:* |       |
| *List all stream(s) found within the project site and greater project area.* |
| *Name* | *Classification* | *Impaired?* | *Reason for Impairment* |
|       |       | [ ]  Yes [ ]  No |       |
|       |       | [ ]  Yes [ ]  No |       |
|       |       | [ ]  Yes [ ]  No |       |
|       |       | [ ]  Yes [ ]  No |       |
|       |       | [ ]  Yes [ ]  No |       |
| *Discuss groundwater quality and quantity.* |
|       |
| *Discuss surface water quality.* |
|       |
| *LGU water supply(ies):* |       |
| ***Impacts*** |
| *Discuss construction impacts related to surface water quality and groundwater quality/quantity.* |
|       |
| *Discuss operational impacts related to surface water quality and groundwater quality/quantity.* |
|       |
| *Describe SCI of the project.* |
|       |
| ***Mitigative Measures*** |
| *Mitigative Measures for Construction Impacts?* | *Mitigative Measures for SCI?* |
| [ ]  Yes[ ]  Not Applicable | [ ]  Yes[ ]  Not Applicable |
| *Describe the mitigative measures below and supply references to the appropriate appendix in the EID.* |
| *Mitigative Measure Description* | *Reference(s)* |
|       |       |

| Table 7.8. Wild & Scenic Rivers  |
| --- |
|  |
|  |
| ***For use with projects funded or co-funded with CWSRF program and/or projects requiring a FONSI.*** |
| *Complete this table in accordance with Subchapter 7.4.8 of Part B of the guidance.* |
| *Is the project located within one mile of one of the designated Wild & Scenic Rivers or a river in the Nationwide Rivers inventory, or its tributaries?* |
| *Chattooga River* *Horsepasture River* *Lumber River*  | [ ]  Yes [ ]  No[ ]  Yes [ ]  No [ ]  Yes [ ]  No | *New River**Wilson Creek* | [ ]  Yes [ ]  No[ ]  Yes [ ]  No |
| *If “Yes” is the stream reach in the project area designated as Wild & Scenic?* [ ]  Yes [ ]  No*Describe the stream reach:*      |
| ***Impacts***  |
| *Discuss construction impacts related to Wild and Scenic Rivers.* |
|       |
| *Discuss operational impacts related to Wild and Scenic Rivers.* |
|       |
| *Describe SCI of the project.* |
|       |
| ***Mitigative Measures*** |
| *Mitigative Measures for Construction Impacts?* | *Mitigative Measures for SCI?* |
| [ ]  Yes[ ]  Not Applicable | [ ]  Yes[ ]  Not Applicable |
| *Describe the mitigative measures below and supply references to the appropriate appendix in the EID.* |
| *Mitigative Measure Description* | *Reference(s)* |
|       |       |

| Table 7.9. Coastal Resources  |
| --- |
|  |
|  |
| ***For use with projects funded or co-funded with CWSRF program and/or projects requiring a FONSI.*** |
| Coastal Resources Appendix Information Appendix Reference (if applicable): |       |
|  |
| ***CAMA***  |
| 1. *Is the project in a CAMA county listed in Subchapter 7.4.9 of Part B of the guidance.? If “No,” skip the rest of the table.*
 | [ ] Yes [ ] No |
| 1. *Does the project involve new construction, land conversion, major rehabilitation, and substantial improvement activities?*
 | [ ] Yes [ ] No |
| *If “Yes” to a and b, discuss consistency review with Division of Coastal Management and include any relevant documentation in an appendix.*       |
| ***Coastal Barriers***  |
| ***For use with projects funded or co-funded with CWSRF program and/or projects requiring a FONSI.*** |
| 1. *Is project located within a CBRS community? If “Yes,” attach a FIRM map indicating whether construction activity occurs in a CBRS and provide documentation of US Fish and Wildlife Service approval in an Appendix. Include the appropriate Appendix Reference at the top of this table.*
 | [ ] Yes [ ] No |
|       |

| Table 7.10. Shellfish, Fish, and Their Habitats |
| --- |
|  |
|  |
| ***For use with projects funded or co-funded by the CWSRF, WW-HUC, WW-SRL, and WW-SEL programs.*** |
| *Complete this table in accordance with Subchapter 7.4.10 of Part B of the guidance.* |
| Shellfish, Fish, and Their Habitats Information Appendix Reference (if applicable): |       |
| ***Existing Conditions*** |
| *Are T&E species present within the project site, the project area, or downstream from the project?* |
| [ ]  Yes [ ]  No |
| *If Yes, list all aquatic state and federal T&E species located in the waterbodies within the project site, in the project area, and downstream of the project site.*  |
| Aquatic T&E Species Figure Reference Number (if applicable): |       |
| *Common Name* | *Scientific Name* | *Status* | *Approximate Location**(e.g., 5 mi. NE of Project)* |
|       |       |       |       |
|       |       |       |       |
|       |       |       |       |
|       |       |       |       |
|       |       |       |       |
| *Discuss shellfish and fish habitat. (Not just T&E species.)* |
|       |
| ***Impacts*** |
| *Discuss any impacts to threatened and endangered species or explain why none are expected.* |
|       |
| *Discuss construction impacts related to fish, shellfish, and their habitat generally.* |
|       |
| *Discuss operational impacts related to fish, shellfish, and their habitats generally.* |
|       |
| *Describe SCI of the project.* |
|       |
| ***Mitigative Measures*** |
| *Mitigative Measures for Construction Impacts?* | *Mitigative Measures for SCI?* |
| [ ]  Yes[ ]  Not Applicable | [ ]  Yes[ ]  Not Applicable |
| *Describe the mitigative measures below and supply references to the appropriate appendix in the EID.* |
| *Mitigative Measure Description* | *Reference(s)* |
|       |       |

| Table 7.11. Wildlife and Natural Vegetation |
| --- |
|  |
|  |
| ***For use with projects funded or co-funded with the CWSRF, WW-HUC, WW-SRL, and WW-SEL programs.*** |
| *Complete this table in accordance with Subchapter 7.4.11 of Part B of the guidance.* |
| Wildlife and Natural Vegetation Information Appendix Reference (if applicable) |       |
| ***Existing Conditions*** |
| *Are T&E species present within the project site, or project area?* |
| [ ]  Yes [ ]  No |
| *If Yes, list all terrestrial state and federal T&E species located in the project site or project area.*  |
| Terrestrial T&E Species Figure Reference Number (if applicable): |       |
| *Common Name* | *Scientific Name* | *Status* | *Approximate Location**(e.g., 5 mi. NE of Project)* |
|       |       |       |       |
|       |       |       |       |
|       |       |       |       |
|       |       |       |       |
|       |       |       |       |
| *Discuss the wildlife and vegetation present in the project site and project area. (Not just T&E species.)* |
|       |
| ***Impacts*** |
| *Discuss any impacts to threatened and endangered species or explain why none are expected.* |
|       |
| *Discuss construction impacts related to wildlife and natural vegetation generally.* |
|       |
| *Describe SCI of the project.* |
|       |
| ***Mitigative Measures*** |
| *Mitigative Measures for Construction Impacts?* | *Mitigative Measures for SCI?* |
| [ ]  Yes[ ]  Not Applicable | [ ]  Yes[ ]  Not Applicable |
| *Describe the mitigative measures below and supply references to the appropriate appendix in the EID.* |
| *Mitigative Measure Description* | *Reference(s)* |
|       |       |

| Table 7.12. Public Lands and Scenic, Recreational, and State Natural Areas |
| --- |
|  |
|  |
| ***For use with projects funded or co-funded by the CWSRF program and/or projects requiring a FONSI.*** |
| *Complete this table in accordance with Subchapter 7.4.12 of Part B of the guidance.* |
| Public Lands and Scenic, Recreational, and State Natural Area Figure Reference Number (if applicable): |       |
| Public Lands and Scenic, Recreational, and State Natural Area Information Appendix Reference (if applicable): |       |
| ***Existing Conditions*** |
| *Are public lands and scenic, recreational, and state natural areas found adjacent to or in the project area?* |
| [ ]  Yes [ ]  No (then no impact) |
| *If yes, list these areas and show on the Environmental Features Figure* |
| *Name* | *Type* | *Location**(e.g., 5 mi. NE of Project)* |
|       |       |       |
|       |       |       |
|       |       |       |
|       |       |       |
|       |       |       |
| ***Impacts*** |
| *If Yes, discuss construction impacts related to public lands, and scenic, recreational, and state natural areas.*  |
|       |
| *If Yes, discuss operational impacts related to public lands, and scenic, recreational, and state natural areas.* |
|       |
| *Describe SCI of the project.* |
|       |
| ***Mitigative Measures*** |
| *Mitigative Measures for Construction Impacts?* | *Mitigative Measures for SCI?* |
| [ ]  Yes[ ]  Not Applicable | [ ]  Yes[ ]  Not Applicable |
| *Describe the mitigative measures below and supply references to the appropriate appendix in the EID.* |
| *Mitigative Measure Description* | *Reference(s)* |
|       |       |

| Table 7.13. Areas of Archaeological or Historical Value |
| --- |
|  |
|  |
| ***For use with projects funded or co-funded by the CWSRF, WW-HUC, WW-SRL, and WW-SEL programs.*** |
| *Complete this table in accordance with Subchapter 7.4.13 of Part B of the guidance.* |
| Archaeological or Historical Area Figure Reference Number (if applicable): |       |
| Archaeological or Historical Area Information Appendix Reference (if applicable): |       |
| ***Existing Conditions*** |
| *Are areas of archaeological or historical value in the project site, project vicinity, or project area?* |
| [ ]  Yes [ ]  No (No Impact) |
| *If yes, list these and show on the Environmental Features Figure* |
| *Name* | *Type* | *Location**(e.g., 5 mi. NE of Project)* |
|       |       |       |
|       |       |       |
|       |       |       |
|       |       |       |
|       |       |       |
| ***Impacts*** |
| *If Yes, discuss construction impacts related to areas or archaeological or historical value?* |
|       |
| *If Yes, discuss operational impacts related to areas of archaeological or historical value.* |
|       |
| *Describe SCI of the project.* |
|       |
| ***Mitigative Measures*** |
| *Mitigative Measures for Construction Impacts?* | *Mitigative Measures for SCI?* |
| [ ]  Yes[ ]  Not Applicable | [ ]  Yes[ ]  Not Applicable |
| *Describe the mitigative measures below and supply references to the appropriate appendix in the EID.* |
| *Mitigative Measure Description* | *Reference(s)* |
|       |       |

| Table 7.14. Air Quality |
| --- |
|  |
|  |
| ***For use with projects funded or co-funded by the CWSRF program and/or projects requiring a FONSI.*** |
| *Complete the table in accordance with Subchapter 7.4.14 of Part B of the guidance.* |
| Air Quality Information Appendix Reference (if applicable): |       |
| ***Existing Conditions*** |
| *Discuss the general air quality and identify current sources of emissions from the project and surrounding area. Note whether odors have been a problem.* |
|       |
| ***Impacts*** |
| *Discuss construction impacts related to air quality.* |
|       |
| *Will open burning occur?* | *If Yes, describe what will be burned.* |
| [ ]  Yes[ ]  No |       |
| *Discuss operational impacts related to air quality.* |
|       |
| *Describe SCI of the project.* |
|       |
| ***Mitigative Measures*** |
| *Mitigative Measures for Construction Impacts?* | *Mitigative Measures for SCI?* |
| [ ]  Yes[ ]  Not Applicable | [ ]  Yes[ ]  Not Applicable |
| *Describe the mitigative measures below and supply references to the appropriate appendix in the EID.* |
| *Mitigative Measure Description* | *Reference(s)* |
|       |       |

| Table 7.15. Noise Levels |
| --- |
| Project Name |
| Owner Name |
| ***For use with projects funded or co-funded by the CWSRF program and/or projects requiring a FONSI.*** |
| *Complete this table in accordance with Subchapter 7.4.15 of Part B of the guidance.* |
| Noise Level Information Appendix Reference (if applicable): |       |
| ***Existing Conditions*** |
| *Discuss the current noise levels for the project site and project area and identify existing sources of noise.* |
|       |
| *Does the LGU have noise ordinances in place?* | [ ]  Yes[ ]  No |
| *If yes, describe.* |  |
| ***Impacts*** |
| *Discuss construction impacts related to noise levels. If noise levels will increase, discuss when they will be heard and at what distance.* |
|       |
| *Discuss operational impacts related to noise levels.* |
|       |
| *Describe SCI of the project.* |
|       |
| ***Mitigative Measures*** |
| *Mitigative Measures for Construction Impacts?* | *Mitigative Measures for SCI?* |
| [ ]  Yes[ ]  Not Applicable | [ ]  Yes[ ]  Not Applicable |
| *Describe the mitigative measures below and supply references to the appropriate appendix in the EID.* |
| *Mitigative Measure Description* | *Reference(s)* |
|       |       |

| Table 7.16. Introduction of Toxic Substances |
| --- |
| Project Name |
| Owner Name |
| ***For use with projects funded or co-funded by the CWSRF program and/or projects requiring a FONSI.*** |
| *Complete this table in accordance with Subchapter 7.4.16 of Part B of the guidance.* |
| Introduction to Toxic Substances Appendix Reference (if applicable): |       |
| ***Impacts*** |
| *Discuss any toxic substances that may be introduced during project construction and operation in accordance with Subchapter 7.4.16 of Part B of the guidance.* |
|       |
| ***Mitigative Measures*** |
| *Mitigative Measures for Construction Impacts?* |
| [ ]  Yes[ ]  Not Applicable |
| *Describe the mitigative measures below and supply references to the appropriate appendix in the EID.* |
| *Mitigative Measure Description* | *Reference(s)* |
|       |       |

| Table 7.17. Environmental Justice Analysis |
| --- |
| Project Name |
| Owner Name |
| ***For use with projects funded or co-funded by the CWSRF program.*** |
| *Complete this table in accordance with Subchapter 7.4.17 of Part B of the guidance.* |
| Was the U.S. Environmental Protection Agency’s Environmental Justice Geographic Assessment Tool used?If No, then complete the Existing Conditions cells below. | [ ]  Yes[ ]  No |
| Environmental Justice Figure Reference Number(s): |       |
| Environmental Justice Information Appendix Reference (if applicable): |       |
| **Existing Conditions** |
| *Provide the following information and key the Block Groups to the map in the EID. Include figures.* |
| **County** | **Census Tract** | **Census Block Group** | **Total Population** | **Minority Population** | **Percent Minority Population** | **Significant Minority Population?** | **Low-Income Population** | **Percent Low-Income Population** | **Significant Low Income Population?** |
|       |       |       |       |       |       |       |       |       |            |
|       |       |       |       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |       |       |       |
| **Impacts** |
| Are there any potentially significant environmental justice populations in the project area? | [ ]  Yes [ ]  No |
| *If the answer is yes, then below, list the impacts to the minority and/or low-income populations below and whether the impacts are potentially significant. If potentially significant, contact the Environmental Assessment Coordinator.* |
| *Impact* | *Potentially Significant?* |
|       | [ ]  Yes [ ]  No |
|       | [ ]  Yes [ ]  No |
|       | [ ]  Yes [ ]  No |
|       | [ ]  Yes [ ]  No |
|       | [ ]  Yes [ ]  No |
|       | [ ]  Yes [ ]  No |
|       | [ ]  Yes [ ]  No |

| Table 7.18. Mitigative Measures |
| --- |
| Project Name |
| Owner Name |
| ***For use with projects funded or co-funded by the CWSRF, WW-HUC, WW-SRL, and WW-SEL programs.*** |
| *Complete this table for all applicable categories in accordance with Subchapter 7.4.16 of Part B of the guidance. If there was no impact in a particular resource category, then state, “No Impact.” Be sure this table is consistent with information provided in the resource category tables.†* |
| **Resource Category** | **Potential Direct Impact** | **Mitigative Measure(s) for Direct Impact** | **Potential SCI** | **Mitigative Measures for SCI** |
| Topography & Floodplains |       |       |       |       |
| Soils |       |       |       |       |
| Prime & Unique Farmland |       |       |       |       |
| Land Use |       |       |       |       |
| Forest Resources |       |       |       |       |
| Wetlands and Streams |       |       |       |       |
| Water Resources |       |       |       |       |
| Shellfish, Fish, and their Habitats |       |       |       |       |
| Wildlife and Natural Vegetation |       |       |       |       |
| Public Land and Scenic, Recreational, and State Natural Areas |       |       |       |       |
| Areas of Archaeological or Historical Value |       |       |       |       |
| Air Quality |       |       |       |       |
| Noise Levels |       |       |       |       |
| Toxic Substances |       |       |       |       |
| Environmental Justice |       |       |       |       |
| †If completing a limited EID, then delete rows for the resources categories not reviewed. |