D- Reconnaissance Assessment Survey Form County \_\_\_\_\_\_\_\_\_

Route \_\_\_\_\_\_\_\_\_

PM \_\_\_\_\_\_\_\_\_

v. 033107

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | YES | | NO | | | UNK | QC |
|  | **1.0 Survey Information** | | | | | | | | |
| 1.1 Date: Time: | | 1.2 Agency Performing Survey | | | | | | | |
| 1.3 Data Recorder: | | 1.4 Survey Team: | | | | | | | |
| **2.0 Site Information** | | | | | | | | | |
| 2.1 GPS Data | | | | | | | | | |
| 2.1.1 Latitude: | | | | | | | | |  |
| 2.1.2 Longitude: | | | | | | | | |  |
| 2.1.3 GPS HDOP | | | | | | | | |  |
| 2.1.4 Location of GPS point taken: Above Inlet Below inlet at postmile paddle marker (PM ) | | | | | | | | |  |
| **2.2 Natural Stream Channel** | | | | | | | | | |
| 2.2.1 Stream Name: | | 2.2.2 Source: | | | | | | | |
| 2.2.3 Is there a definable channel upstream of the crossing? **If “No”, indicate in section 4.1 that no Detailed Fish Passage Assessment is needed.** | | |  | |  | |  | |  |
| 2.2.4 I the primary function for storm water runoff or road drainage? **If “Yes”, indicate in section 4.1 that no Detailed Fish Passage Assessment is needed.** | | |  | |  | |  | |  |
| 2.2.5 Is the waterway a concrete-lined flood control channel?  If “Yes,” indicate the extent of concrete lining: Upstream of crossing: Feet Downstream of crossing Feet | | |  | |  | |  | |  |
| **If “Yes,” is a detailed Fish Passage Assessment needed?** | | |  | |  | |  | |  |
| **2.3 Fish Bearing Stream** | | | | | | | | | |
| 2.3.1 Does the site contain an active channel width >2 feet? | | |  | |  | |  | |  |
| 2.3.2 Is the stream gradient <20% | | |  | |  | |  | |  |
| If “No” to either question, indicate in section 4.1 that no Detailed Fish Passage Assessment is Needed. | | | | | | | | | |
| **2.4 Historic Anadromous Reach** | | | | | | | | | |
| Has the stream reach upstream of the crossing supported an anadromous fish population?  Source: If “No,” **indicate in section 4.1 that no Detailed Fish Passage Assessment is needed.** | | |  | |  | |  | |  |
| **2.5 Crossing Type** | | | | | | | | | |
| Culvert Bridge w/potential passage constraints bring w/out passage constraints Other General Description:  ID:  **If crossing is “bridge w/o passage constraints”, indicate “No” in section 4.1.** | | | | | | | | | |
| **3.0 Photos Taken** | | | | | | | | | |
| 3.1 Upstream looking upstream Photo ID | | | | | | | | |  |
| 3.2 Upstream looking downstream Photo ID | | | | | | | | |  |
| 3.3 Downstream looking upstream Photo ID (Required for all sites) | | | | | | | | |  |
| 3.4 Downstream looking downstream Photo ID | | | | | | | | |  |
| **4. Detailed Fish Passage Assessment Survey Requirement** | | | | | | | | | |
| 4.1 Detailed Fish Passage Assessment Required? | | | |  | |  | |  |  |

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v. 033107

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| --- | --- | --- | --- | --- |
|  | YES | NO | UNK | QC |
| **5. Access Information**  **(Continue if detailed fish passage assessment is required)** | | | | |
| **5.1 Land Ownership** | | | |  |
| Upstream Public Private Unknown Owner(s)  Downstream Public Private Unknown Owner(s) | | | |  |
| If “No” to either question, indicate in section 4.1 that. no Detailed Fish Passage Assessment is Needed. | | | | |
| **5.2 Accessible from Road?** |  |  |  |  |
| 5.2.1 Upstream?  Limitations: |  |  |  |  |
| 5.2.2 Downstream?  Limitations: |  |  |  |  |
| **5.3 Vegetation Removal Required?** |  |  |  |  |
| 5.3.1 Upstream?  (If “Yes,” comment and take a photograph)  Photo ID: Comment: |  |  |  |  |
| 5.3.2 Downstream?  (If “Yes,” comment and take a photograph)  Photo ID: Comment: |  |  |  |  |
| **5.4. Maintenance Assistance Required?** |  |  |  |  |
| 5.4.1 Upstream?  (If “Yes,” comment and take a photograph)  Photo ID: Comment: |  |  |  |  |
| 5.4.2 Downstream?  (If “Yes,” comment and take a photograph)  Photo ID: Comment: |  |  |  |  |
| **6. Confined Space Assessment** | | | | |
| **If answer is “No” to any of the following questions, site must have confined spaces equipment for surveying.  DO NOT ENTER CULVERT.** | | | | |
| 6.1 Is the culvert diameter > 60 inches? |  |  |  |  |
| 6.2 Can you see all the way through the end of the culvert? |  |  |  |  |
| 6.3 Can you feel a breeze through the culvert? |  |  |  |  |