Instructions for Completing the

Supplemental Watershed Rehabilitation Plan-EE Template

INTRODUCTION

Planning for rehabilitation projects follows the planning procedures in Title 390 – National Watershed Program Manual (390-NWPM), Parts 501 and 505. When categorical exclusions apply to the entirety of the proposed action a Plan-Environmental Evaluation (Plan-EE) can be utilized. A supplemental Plan-EE provides the responsible federal official (RFO) with rationale to form an opinion and make an informed decision. This template provides a concise format for displaying the information necessary to meet planning requirements for a water resource project, including meeting federal laws, executive orders, departmental regulations, and agency policy.

The template form, when combined with other components as listed below will comprise a supplemental watershed Plan-EE. All work necessary to support the documentation will need to be completed and filed in the Administrative Record to support the RFO decision. The EE process results in a "Finding" or conclusion (see guidance for "Q" of NRCS-CPA-52) that, either further NEPA analysis is required (EA or EIS) or that no EA or EIS is required. When NEPA analysis is not required either: 1) the action is categorically excluded (with no extraordinary circumstances); or 2) there is an existing NRCS or NRCS-adopted NEPA document that has sufficiently analyzed the effects of this action.

The minimum components of the Plan-EE are:

- ☐ Cover/ Non-Discrimination Statement on back of cover.
- ☐ Supplemental Watershed Agreement (NWMC Review only)
- ☐ Supplemental Watershed Rehabilitation Plan-Environmental Evaluation Template
- ☐ Environmental Evaluation Worksheet (NRCS-CPA-52)

The Summary (OMB Fact Sheet) is not required. A Plan Outline and Check Sheet provided in the introduction letter provides the outline of all Plan-EE components along with links for information. The latest NRCS-CPA-52 is located at:
http://www.nrcs.usda.gov/wps/portal/nrcs/main/national/technical/nra/ec/

The latest Plan-EE template is located at the watershed rehabilitation SharePoint site for NRCS staff at:

https://ems-team.usda.gov/sites/NRCS_ST/eng/ws/DAM/SitePages/Home.aspx

under the “Templates and Forms” subdirectory. Contractors and others may find this information on the NWMC web page under the ‘Watershed Planning, Rehabilitation’ section.

http://www.nrcs.usda.gov/wps/portal/nrcs/main/national/nwmc/

This contains the latest versions of several files and documents for use during the assessment and planning process (contact the Watershed Rehabilitation Program Manager for access to the site):

- Evaluation of Potential Rehabilitation Projects Workbook
- Cost Computation for Watershed Rehabilitation Projects Workbook
- Supplemental Watershed Rehabilitation Plan-EE Template

For projects where the proposed action is covered by a categorical exclusion or tiered to an existing EIS, the public will be involved in the development of the plan to the extent the State Conservationist (STC) deems appropriate. Rehabilitation Plan-EEs must be reviewed by the National Water Management Center (NWMC) in accordance with 390-NWPM, Part 502, Subpart B.

A draft Plan-EE document does not require public and interagency review. Public meetings will be held as an opportunity for all to provide input to the project (7 CFR 622.30 (c)) (NWPM 502.21). Such meetings can be helpful in identifying special environmental concerns and extraordinary circumstances or confirming there are none that apply to the project. A public participation plan is still required (NWPM 501.24 (A)). If Environmental Justice is of concern, those potentially impacted people groups must be given an opportunity to participate in planning (National Environmental Compliance Handbook (NECH) Part 610.27 D).

"No waiting periods are required for plans covered by categorical exclusions for purposes of NEPA. The STC will require a waiting period if it is determined it would be appropriate or helpful for planning or public involvement purposes."

PLAN-EE TEMPLATE

After opening the template save your file to a new name in the format of a two digit state code_Watershed Number_Structure name. An example would be:

PA_2001_Mud Run

The Plan-EE Template is used during the Dam Rehabilitation Program planning process for rehabilitating an existing eligible dam (NWPM Section 505.30 B). All rows are adjustable and the document will print on an 8.5 inch by 11 inch page. The form is locked with entry only allowed in the yellow areas. Use Section L to include extra information that explains footnotes or other issues in a section, as necessary. Maps may be attached as separate files and may be in different formats and should be prepared in a manner to make them readable up to 11"x17" or larger, if necessary. **Six bound hard copies are to be mailed to the NWMC director and email an electronic copy of all documents.**

This is a template that when completed properly along with the NRCS-CPA-52 should meet all requirements associated with the watershed planning for a rehabilitation supplemental Plan-EE. **Note - Only one dam or floodwater retarding structure can be evaluated in the template.** When a watershed plan contains several dams, it is advisable to plan them together, especially if they are sites in series. However, separate files should be prepared for each dam site and attached to the Supplemental Watershed Plan-EE. Document cumulative effects in Section K of the NRCS-CPA-52.

Header: This section is not assigned an alphabetic coding and is used to record basic information about the sponsors, dam physical location, and code in the national inventory of dams.

- Sponsor(s) – Record all sponsors that will be in the Supplemental Watershed Agreement and meet the definition in NWPM Section 506.50 OOO.
- Watershed – Identify the watershed(s) listed in the original watershed plan or where the dam or floodwater retarding structure is located as described in NWPM Section 506.50 SSS.
- County(s) – Enter the county or counties where the structure is located. If more room is needed then enter "see Section L".
- State(s) – Enter the state(s) where the structure is located. If more room is needed enter "see notes" and record all states in Section L.
- Hydrologic Unit Code(s) – Enter largest number of digits (smallest area) that encompasses the area of potential effects for the structure. Use either the 8-digit, 10-digit (watershed) or 12-digit

(sub-watershed) Hydrologic Unit Code (HUC). If more room is needed enter "see notes" and go to Section L and record on a line "HUCs" – and list all the applicable HUCs. (NWPM 502.31)

- Watershed Project Number – Record the watershed code recorded in the POINTS database for the original watershed project and the existing structure. Public Law 83-566 projects are identified with a six digit code with the first two digits representing a number for the state (State FIPS code) and the last four digits are normally a sequential code for the watershed beginning at 2001. (e.g., the Louisiana Du Pont Creek Watershed would be 222001). The Public Law 78-534 codes differ in that the code will have six digits as above then a decimal place with a sequential from 01 up. (e.g., Oklahoma's Washita – Sugarcreek project would be 403101.34)
- Watershed Site Number – Enter either the site number or site name for the structure being evaluated as recorded in the authorized watershed plan used to build the structure.
- NID Number – Enter the code from the National Inventory of Dams database used for the structure being evaluated.

After the header has been filled to exit, either use the red X in the menu bar to close or double click in the body of the document.

A. Authority and Program Criteria: This section of the template provides the RFO information to determine site eligibility for rehabilitation under Section 14 of PL 83-566.

Original Program Authority - One of the four authorities [NWPM Section 505.30 (B)] allowed for Section 14 of PL 83-566. Use the drop down menu to the right to select the applicable authority. If not originally funded under any of the reference authorities the dam site is not eligible for Rehabilitation under Section 14 of PL 83-566.

Current Program Authority – Cell is a fixed entry in the template for Section 14 of PL 83-566.

Current Hazard Classification – Enter the current hazard classification of the structure based on current criteria (National Engineering Manual (NEM) Section 520.23)

Design Hazard Classification - Enter the designed hazard classification of the structure. The information will be located on the "as-built" designs of the structure.

Status of Operation and Maintenance (O&M) – Enter the current status of O&M for the site and if rehabilitation is a result of a lack of O&M. NWPM Section 505.30 (D) states a dam is not eligible for rehabilitation assistance if there are maintenance needs that have not been addressed or if the need for rehabilitation is the result of lack of maintenance.

Sedimentation rates (acre-feet/year) – The original planned sediment rates can be determined from the original watershed work plan or from the "as-built" drawings. The actual sediment rate is from the sediment survey of the reservoir. The future sedimentation rate to determine the service life of the dam may be calculated using the historic sedimentation rate or the sedimentation rate determined with best available methods. The future sediment rate is used to determine the required sediment pool volume at the end of the evaluation period. This rate will also be recorded in Table A (NWPM Section 506.15) for the preferred alternative. If the sediment pool will be for less than 100 years of storage then add a note in Section L with the rationale for the decision.

Sponsor's Application Submission Date – The sponsor must provide a valid application for rehabilitation planning assistance (NWPM Section 505.32 B). Enter the date that a completed and valid sponsor's application was provided to NRCS. The required application content is stated in NWPM Section 505.32 B. The application must be submitted in accordance with the requirements set forth in NWPM Section 500.20. The application should be filed in the administrative record.

Date NRCS acknowledged a valid application – The state conservationist must provide the Sponsoring Local Organization (SLO) with a written acknowledgement of receipt of the application after ascertaining that the application is valid (NWPM Section 505.32 D). Enter the date that the state conservationist sent an acceptance reply to the sponsors. The letter should be filed in the administrative record.

Upstream land rights - Per NWPM 505.36G upstream land rights are to be acquired to the elevation of the top-of-dam. The entry uses a drop-down to select a "Yes" or "No" on meeting the requirement. If the answer is "No" then following the remaining guidance on 505.36G, provide rationale for the selected land rights elevation in Section L.

Are basic assumptions and decisions (Investigation and Analysis) included in the administrative record? – This is a drop down item to select "yes" or "no" to verify support information is included in the administrative record. P&G 1.4.14 states "Planning studies are to be documented in a clear, concise manner that explains the basic assumptions and decisions that were made and the reasons for them. The documentation should be prepared in a manner to expedite review and decision making." The procedures, techniques, assumptions, and the scope and intensity of the investigations should be included in the administrative record to support the conclusions and decisions in the Plan-EE.

Is the Investigation and Analysis (I&A) attached to the Plan-EE? - The Investigation and Analysis (NPWM 501.45D) is to be attached to the Plan-EE for National Water Management Center review. It is not required to be published in the final Plan-EE. The entry uses a drop-down to select a "Yes" or "No" on meeting the requirement. If the answer is "No" then provide rationale for not attaching the I&A in Section L.

Does planning and analyses comply with 1983 P&G? – The Economic and Environmental Principles and Guidelines for Water and Related Land Resources Implementation Studies, 1983 (P&G) have criteria to evaluate water resource projects. This is a drop down item to select "Yes" or "No" to verify compliance with P&G.

B. Purpose and Need for Action: The Purpose and Need for Action explains the underlying problems and opportunities to be addressed for the Future <u>With</u> Project Alternatives and frames the alternatives to be formulated (NWPM Section 501.34 and 40 CFR Section 1502.13). Recommend beginning with a concise purpose (include PL 83-566 authorized purposes) and need statement followed by the supporting information (e.g., "There is a need to meet current federal and state safety and performance standards and to continue to reduce flood damages to five homes and two businesses, two roads and a hospital in the area below the structure. The purpose of the project is to provide continued flood damage reduction up to the 100-year 24-hour storm event in a safe and environmentally acceptable manner.") The statements in this section are consistent with Sections D and E of the NRCS-CPA-52.

C. Watershed Rehabilitation Alternatives with Rationale for Level of Analysis: The "Alternatives Table" provides a format and examples for filling out the alternatives (NWPM 505.35B) considered during the planning process. The table is designed with five columns to document the alternatives and rationale for eliminating an alternative from further consideration.

The table is not for presenting multiple variations of an alternative that were evaluated prior to selecting one for further evaluation (NWPM Section 501.37). The table should include the best alternative of the variations. The further discussion of analyses should be documented in the Investigation and Analysis Report (NWPM Section 501.45D) and placed in the administrative record (NWPM 500.31). Another table is provided to display the alternatives and options to an alternative in "Table A - Comparison Table of Structural Options" towards the end of the template. This table provides for an alternative name, description and major features (enough detail to discern from other alternatives), cost, carried through analysis, and rationale (column five) for carrying through detailed analysis or not as a reasonable alternative. All of the reasonable alternatives should be carried over to Block H of the NRCS-CPA-52.

Alternatives are removed from detailed analysis if they are not reasonable or do not meet the purpose and need for the project. Use the four criteria of the 1983 Economic and Environmental Principles and Guidelines for Water and Related Land Resources Implementation Studies (P&G) for assessing reasonableness of an alternative. These criteria are 1) completeness, 2) acceptability, 3) effectiveness, and 4) efficiency (P&G 1.6.2c). For example, two rehabilitation alternatives with the same or very similar environmental impacts, are presented and one is $1 million (MM) and the other $5 MM. Both provide the same level of protection. In most cases the $5 MM alternative would not be considered reasonable due to being inefficient or exorbitant cost because it provides the same benefit and protection level at five times the cost. *Note – all federally assisted rehabilitation alternatives should be developed to meet the Purpose and Need of the proposed action and meet safety and performance standards. Thus, properly formulating the alternatives should meet the completeness and effectiveness criteria.*

If more rows are needed to enter alternatives, place the curser in the bottom row, select the Table Tools menu, Layout tab, and use the 'insert below' menu item. This will insert an additional row for another alternative.

Table layout for Sections D through F: The tables for the inventory and evaluation of scoped resource concerns are in sections D through F of the template and Section G of the NRCS-CPA-52. Sections D through F of the template represent the four P&G accounts. Table entries will use the existing conditions, future without project, and future with project alternatives. The existing conditions section provides results of the inventory process related to the scoped concern. The remaining columns are for the forecast of conditions for the evaluated alternatives related to the scoped concern.

- Existing Conditions – Use the open cell below the Resource Concerns in Sections F to record existing conditions. Analyze and record the existing conditions for each relevant concern. Record the amount, kind, status, location and method of measurement for each identified concern. The existing condition is the baseline from which the change in resource condition under the "No Action" and "Future With Project" alternatives are measured. Without it, there is no context for the degree of change.
- Effects of Alternatives - The effects of alternatives are recorded in the remaining columns of the table for Without Project and any Future With Project alternatives carried through full analysis. Consider and document both short-term and long-term consequences for all foreseeable direct, indirect, and cumulative effects (Section I, NRCS-CPA-52 "Instructions" tab). If a change to the concern is predicted, then quantify or qualify the change. Professional judgment should be used where Planning Criteria or other tools are not available but be sure to document the rationale used

to reach the conclusions. The NECH Part 610.70, "Effects Analysis," provides important information on describing effects.

- "No Action": Record the impacts that are likely to occur (or what the predicted future condition of the identified resource concerns might be) under the sponsor's planned management strategies without implementation of a federally assisted action. Address impacts to each identified resource concern, quantifying where possible.
- "Future With Project Alternatives": Several future with project alternatives could be evaluated depending which are found reasonable for full evaluation. For example, rehabilitating the existing dam, decommissioning, nonstructural measures, etc. (NWPM 505.35B). Record the impacts that are likely to occur under each alternative scenario. Document impacts to each identified resource concern, quantifying where possible.

D. National Economic Development (NED) Account: Water resource plans will include allocations of installation costs to the various purposes and will show the basis of such allocations and whether National Economic Development (NED) benefits exceed NED costs. P&G procedures will be used to identify alternative project NED benefits and NED costs, using viable alternative solutions consistent with local, regional, and national objectives. All works of improvement must maximize the net NED benefits, consistent with protecting the nation's environment, unless an exception is granted by the Chief of NRCS (NWPM Section 500.4(3)(i)). The NED account will record nominal and average annual benefit and cost data associated with the evaluated alternatives.

The table display is "zero based" meaning that all benefits and costs of the No Action alternative are netted against the federally assisted alternatives. The result is that the average annual cost of the No Action is treated as a benefit to all federally assisted alternatives. No Action benefits lost from the installation of the federally assisted alternatives will be placed in the "Other Direct Costs" per P&G 2.10.3 and P&G 2.12.7. These adjustments to the display will fully account for benefits and costs between the federally assisted and the No Action alternatives.

There are three Excel tables in this Word file (Sections D and I and Table 2). To enter data place the curser in the table, then right click for a menu and select "Worksheet Object", then select "Open". This will take you to an Excel file to enter data into the yellow cells. Calculations are shown in the blue cells. To close and go back to the Word file simply click on the X in the upper right corner of the Excel spread sheet.

Project Investment - Place the nominal cost of the project based on P&G from Economic Table 2 (NWPM Section 506.12 and Figure 506-B2) which is below Section L of this Template. Select the NED Plan by selecting the cell with the highest net economic development benefits. If the NED plan has a negative net benefit then describe in Section L the reasoning for plan selection using NWPM 505.35B(1)(iv). The template has a sample footnote notation "3/" located on the NED Plan entry for this section. Use the correct footnote based on actual plan numeric order next to "NED Plan" and then in Section L when displaying the rationale. This section has a cell that calculates the benefit to cost ratio which is normally displayed on Economic Table 6 (NWPM 506.21).

Comparison of NED Benefits and Costs (Table 6) – Enter the average annual benefits and costs associated with the future without project alternative, and all fully evaluated future with project alternatives (P&G 1.7.1h). The data is normally prepared and presented in Economic Table 6 (NWPM Section 506.21 and Figure 506-B11). Add footnotes in Section L for all sections. Refer to Section D for notes on this table. The template has a sample footnote notation "4/" located on the Table 6 Title of this section. Use the correct footnote based on actual plan numeric order next to "(Table 6)" and then in Section L when displaying the rationale. The information is to include price month/year, discount rate, and preparation month/year of the table. The template has a sample footnote notation "5/" located on the "Other – Cost Avoidance" entry in this section. Use the correct footnote based on actual plan numeric order next to "(Table 6)" and then in Section L when displaying the rationale. The rationale for this footnote will be to state that the "Cost Avoidance benefit is cost of the No Action alternative which allows for full accounting of all costs and benefits between the No Action and Future With Project Alternatives." Additional footnotes should be added to table entries and Section L per guidance of NWPM 506.21.

The Table 6 display is "zero based" meaning that all benefits are netted against the federally assisted alternatives as required by P&G. In order to fully realize this effect in the "Other Purpose- " category the planner will need to complete a sub table below Table D when entering the Excel template for this form. See the bold instructions above on page 7 for Table D for entering the Excel template. Upon completing the benefits by category the tables will correctly make adjustment for the "Zero-Based" display. When the federal alternative has greater net benefits it is recorded as a benefit to the federally assisted alternative in Table 6. When the federally assisted alternative benefit for the "Other Purpose – "then it is recorded in Table 4 as "Other Direct Cost" per P&G 2.10.3 and P&G 2.12.7. A footnote should be made and discussion will need to be added to Section L to explain the Other Direct Costs involved. Identify in Section L the "Other Purpose –"category(s) that resulted in a net reduction of NED benefits between the no action and federally assisted alternatives. These adjustments to the table display will fully account for benefits and costs between the federally assisted and the No Action alternatives.

Average Annual NED Costs (Table 4) - Enter the average annual installation, operation and maintenance, and any direct costs associated with the future without project alternative and all fully evaluated future with project alternatives (P&G 1.7.1h). Other Direct Costs can be: 1) either No Action benefits lost from the installation of the federally assisted alternatives or 2) Added uncompensated induced damages such as induced dredging outside of the area of potential effects or watershed per P&G 2.10.3 and P&G 2.12.7. The data is normally prepared and presented in Economic Table 4 (NWPM Section 506.18 and Figure 506-B8). Add footnotes in Section L for the NED account table as per instructions from NWPM Section 506.18. Do not add duplicative footnotes that may occur in several economic tables. The template has a sample footnote notation "6/" located on the "Total Adverse" entry for the Table 4 section. Use the correct footnote based on actual plan numeric order next to Total Adverse" and then in Section L when displaying the rationale. The information is to include "Price base: ____ , amortized over __years at a discount rate of _____percent. Prepared: Month/Year" of the table. Additional footnotes should be added to table entries and Section L per guidance of NWPM 506.18.

Average Annual Flood Damage Reduction (Table 5) - Enter the average annual damage reduction benefits associated with the future without project alternative, and all fully evaluated future with project alternatives (P&G 1.7.1h). The data is normally prepared and presented in Table 5 (NWPM Section 506.19 and Figure 506-B9). Footnotes should be added to table entries and Section L per guidance of NWPM 506.18. Do not add duplicative footnotes that may occur in several economic tables such as Tables 4 and 6.

E. Regional Economic Development (RED) Account: The RED Account (P&G 1.7.4) is not required. It is for displaying the income and employment effects of each alternative. In order to disclose RED effects it is recommended to footnote the title section and add information to Section L of the template.

F. Other Social Effects (OSE) Account: The OSE account is a means of displaying and integrating into water resource planning information on alternative plan effects from perspectives that are not reflected in the other three accounts. The categories of effects in the OSE account include the following: Urban and community impacts; life, health, and safety factors; displacement; long-term productivity; and energy requirements and energy conservation (P&G 1.7.5a). The NRCS-CPA-52 carries one OSE Account concern, Environmental Justice (EO 12898), and the effects relative to the EO should be referenced in the NRCS-CPA-52. Additional resource concerns can be added and evaluated based on scoped concerns that are not sufficiently covered. Additional resource concerns can be added below the "Other _______" row and evaluated if not sufficiently covered by the resource concerns in NRCS-CPA-52.

To add a new row, select all of the bottom two rows, right click and copy. Then move the cursor to the last row then right click and paste with the 'insert as new rows' option.

G. Potential Failure Modes, Breach Assumptions and Consequences of Failure: NWPM Section 505.35A(3) requires documenting the potential failure modes, breach assumptions, and consequences of dam failure for the existing dam. Five modes are listed in the template with the first three being those required for the Evaluation of Potential Rehabilitation worksheet contained in NWPM 506.40, namely stability, hydrologic and seismic. For these, the breach assumptions can be recorded for assumed reservoir elevation at the time of breach and the computed peak breach discharge, as well as the estimated population at risk. For all five modes of failure, a potential for failure should be selected from a drop down as high, medium, or low potential. A row is provided for 'other' modes of failure as appropriate. Also, space is provided for further information in regards to modes of failure, breach assumptions, and consequences of dam failure.

H. Consultation and Public Participation: The consultation and public participation section is to document any consultation and public meetings. As per 7 CFR 622.30(c) a public meeting is required and should be recorded in the Plan-EE. Document contact and communications with USFWS, NOAA-NMFS, USACE, EPA, SWCDs, NRCS State Office, State/Tribal/local environmental agencies, SHPO, etc., and others consulted, including public participation activities. The NECH (610.68(B)(iv)) provides important information on public participation requirements. This section does somewhat duplicate some information from Section K of the NRCS-CPA-52, but the display is helpful to the RFO to clearly see date and type of contacts for consultation and public participation. This section must include the date, type, and purpose of the activity, as well as the names of participating organizations and the public (NWPM 501.39(1)). All consultation information belongs in the administrative record as part of the documentation for the RFO decision. *Type over existing lines as appropriate.*

USFWS (U.S. Fish and Wildlife Service) – Record the date and type of meeting or contact that was part of the consultation (site visit, teleconference letter, email or other). If "Other" then explain in Section L.

USACE (United States Army Corps of Engineers) – *Insert District* **-** Record the date and type of meeting that was part of the consultation. These could include public meeting, open house meeting, site visit, teleconference, letter, email or other. If "Other" then explain in Section L.

EPA (Environmental Protection Agency) Region – *Insert Region* **-** Record the date and type of meeting that was part of the consultation. These could include public meeting, open house meeting, site visit, teleconference, letter, email or other. If "Other" then explain in Section L.

Other Federal Agency – List other federal agency(ies). Record the date and type of meeting that was part of the consultation. These could include public meeting, open house meeting, site visit, teleconference, letter, email or other. If "Other" then explain in Section L.

State Department of Wildlife and Fisheries – Record the date and type of meeting that was part of the consultation. These could include public meeting, open house meeting, site visit, teleconference, correspondence letter, email or other. If "Other" then explain in Section L.

State level EPA - Record the date and type of meeting that was part of the consultation. These could include public meeting, open house meeting, site visit, teleconference, letter, email or other. If "Other" then explain in Section L.

State Conservation Commission - Record the date and type of meeting that was part of the consultation. These could include public meeting, open house meeting, site visit, teleconference, letter, email or other. If "Other" then explain in Section L.

Other State Agency – List other state agency(ies). Record the date and type of meeting that was part of the consultation. These could include public meeting, open house meeting, site visit, teleconference, letter, email or other. If "Other" then explain in Section L.

Public Participation - Record the date and type of meeting that was part of the consultation. These could include public meeting, open house meeting, site visit, teleconference or other. If "Other" then explain in Section L.

Explanations: This text section has been added in order document important considerations found during the consultation and public comment process that may affect the RFO decision.

Cultural Resources – Cultural resource has several requirements to ensure compliance with Section 106 of **the National Historic Preservation Act.**

Literature Review – Enter the date

Pedestrian Survey - Enter the date

Consultation with State Historic Preservation Office - Enter the date

Consultation with State Tribal Historic Preservation Office - Enter the date

Consultation with Tribes – Enter the date

Tribes Contacted - Add name(s) of tribe(s) contacted. If there is more than one tribe at separate meetings, then add the tribe name and date of contact in parenthesis behind the name. Any special issues or concerns not covered in OSE or EQ accounts should be noted in Section L.

Cultural Resources identified – Record the number of sites in the area of potential effects and if any sites will need mitigation or data recovery for protection.

I. Land Use in Drainage Area: Enter the area for each land use types in the drainage area of the rehabilitated structure. Any change in land use that is not covered in either the OSE or EQ accounts will need to be addressed in Section L.

This table is also an Excel spread sheet. To use left click with curser in the table, then right click, select Worksheet Object, Open. This will open an Excel table where data for each land use can be entered. Footnotes can be added at the bottom of the table. For Water Bodies streams/channels enter the area in acres in the table and the length in feet in the footnote. Use the X in the upper right corner of the window to close and resume work in the word file.

J. Risk and Uncertainty: P&G 1.4.13 requires planners to identify areas of risk and uncertainty in their analysis and describe them clearly, so that decisions can be made with knowledge of the degree of reliability of the forecasted effects of the alternative plans. Identify any issues that affect the risk and uncertainty of analyses of the Future With Project and Future Without Project Alternatives. Document the issues using the discipline data in this section or document that the risk and uncertainty will be in the Investigation and Analysis.

K. List of Preparers: The list of preparers (NWPM 501.42) includes the key NRCS State, area, and field office personnel who were directly responsible for significant input in preparing the Watershed Project Plan. Consultants, individuals, and personnel from other agencies are included if they made significant input. The list must include the person's name, current title, education, experience, employer, and other pertinent qualifications, publications, and professional licenses (see exhibit "List of Preparers—Example" in 390-National Watershed Program (NWPH) Handbook, Part 606, Subpart B, Section 606.22).

L. Additional Notes and Comments: This section allows the planner to provide additional text when necessary in sections A-I of this template. The additional text is to provide further information to the RFO in order to identify the preferred alternative. Reference the section and item numbers where appropriate.

Table 2 – Estimated Cost Distribution

This table is also tied to an Excel spreadsheet. To open left click on the table, then right click to open the menu, select "worksheet object" and select "open". The entire sheet is now available for edit and the results are shown in the template when the red X is used to close the Excel spread sheet.

Fill in the yellow cells U11 to U31 on the right of the window as needed to record all planning and implementation costs. The blue cells are locked and provide answers based on input in the yellow cells. This excel file is the "Cost Computation for Watershed Rehabilitation Projects" used to calculate Economic Table 2 and Watershed Agreement Table. Use the instructions from the "Intro" and

“Footnotes” tabs as necessary to complete data entry in the file. If you use other tabs in the worksheet return to the “Table 2” tab so the closed Excel sheet will show the correct Table 2 in the Template.

Table A - Comparison of Structural Options

The “Comparison of Structural Options” table (NWPH 605.35B(4)) provides a format for comparing structural data for the "Existing" dam to other structural options considered. All data for the “Existing” column should reflect current conditions, rainfalls, runoffs, and hydrologic methodologies. All elevations should be referenced to NAVD88. Any "Existing" elevations which were referenced to NGVD29 should be converted. The National Oceanic and Atmospheric Administration online site, VERTCON, can be used to convert elevations to NAVD88. The site is located at:

http://www.ngs.noaa.gov/TOOLS/Vertcon/vertcon.html

Table A contains locations to input the alternatives in the top row and in the first row a check box to select the preferred alternative. Normal pool (Lake) in acres would be for the normal water level in the reservoir in a typical year. If normally dry enter zero.

A**ppendix A-E:** Attach documents as described in the NWPM and NWPH.