

United States Department of Agriculture

Small Watershed

Program

Larry Johnson, P.E.

State Conservation Engineer, and Small Watershed Program Manager

Washington State Natural Resources Conservation Service



Authorized by Public Law 566 (PL-566)



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PL-566 Small Watershed Program "OVERVIEW"





 USDA's Small Watershed Program provides for cooperation between the Federal government, states and their political subdivisions to work together to address needs.





 Small watershed is defined at 250,000 acres (390 square miles).





There are two types of watershed projects:



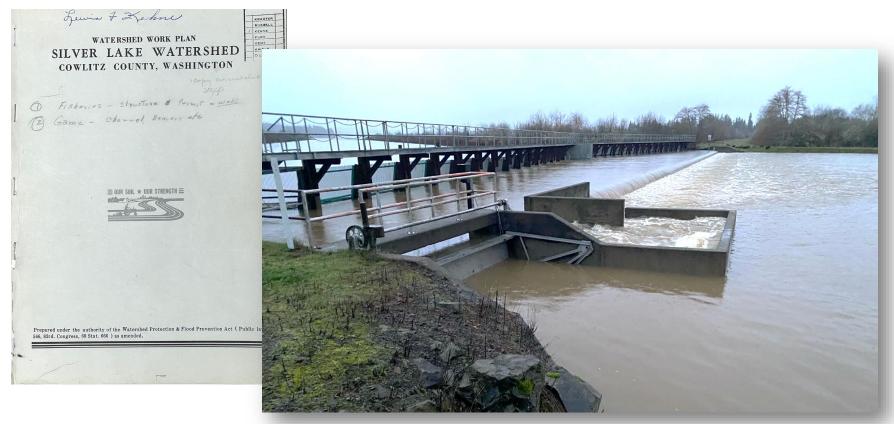


- Structural Watershed Projects (Public Land)
 - Project work including:
 - Flood Control (dams, levees, channels)
 - Agricultural Water Supply Structure (Reservoir)





Silver Lake Flood Control Project (1966)





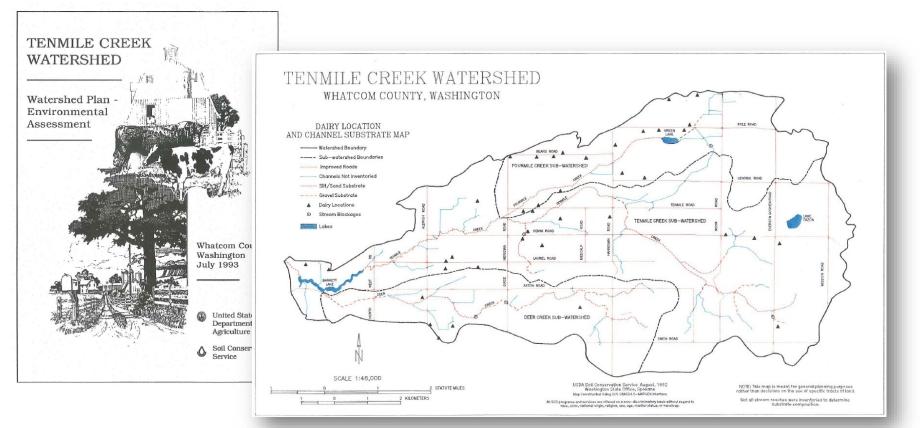


- Land Treatment Watershed Projects (Private Land)
 - Conservation practices designed to control erosion and sedimentation or,
 - provide for the proper management of land, water, and natural resources.



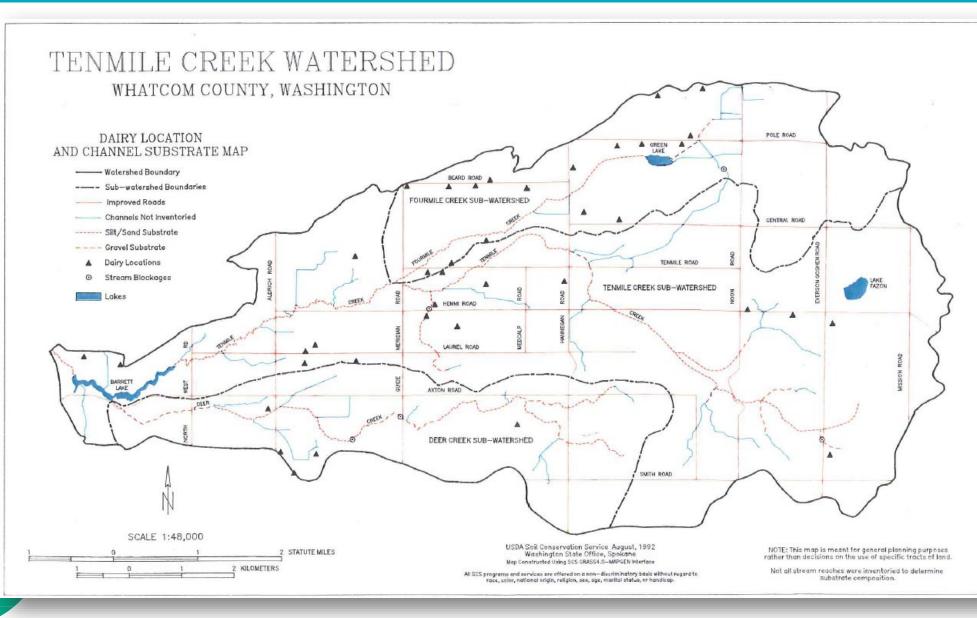


Tenmile Creek Watershed Project (1993)





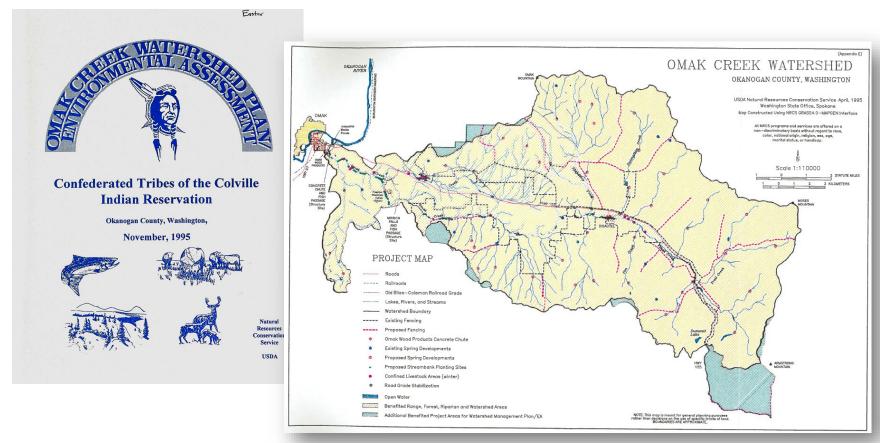








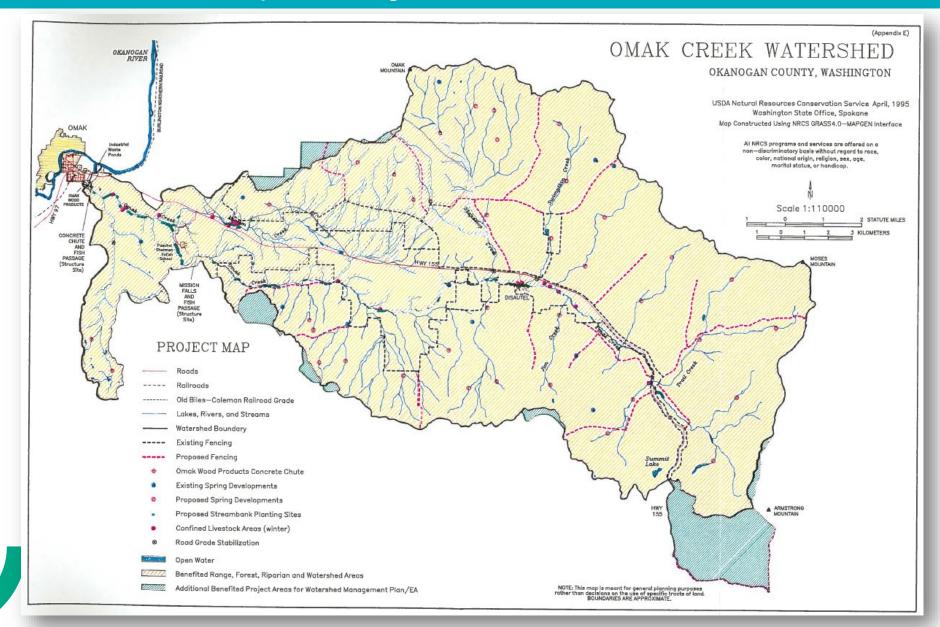
• Omak Creek Watershed Project (1995)







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- USDA's Natural Resources Conservation Service (NRCS) offers financial and technical assistance through the Small Watershed Program for variety of project purposes.
 - Flood Prevention
 - Watershed Protection
 - Public Recreation
 - Public Fish and Wildlife

- Agricultural Water Management
- Municipal & Industrial Water Supply
- Water Quality Management
- Groundwater Supply





A Project Sponsor is required to participate in the program and can be the state, tribe, county, city, district, essentially a unit of government.





- The Project Sponsor responsibilities.
 - Financial Commitment
 - Power of Eminent Domain
 - Acquisition of Permits and Licenses
 - Authority to Levy Taxes
 - Lead Public Participation
 - Operation and Maintenance Not to exceed 100 year





- The NRCS responsibilities.
 - Financial and Technical Assistance
 - Preparation of the Watershed Plan
 - Prepare Real Property Rights Work Maps as needed for Project Construction
 - Engineering Design Activities
 - Preparation of the Operation and Maintenance Plan
 - Operation and Maintenance Assistance Inspection and Consultation





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Cost Share PL-566 Small Watershed Program





- Project Cost Share.
 - Watershed Program cost-share rates depend on the project purpose(s) to which project costs are allocated and the type of measures to be applied.
 - Matching funds cannot be from another federal funding source.





Project Cost Share.

| Purpose | Installation / Construction | Engineering / Technical Assistance | Real Property Rights |
|---|---|--|--------------------------------------|
| Flood Prevention | 100 ¹ percent | 100 ¹ percent | 0 |
| Works of Improvement | 100 percent | | · |
| Watershed Protection | | | |
| Flood Control Erosion and Sedimentation Reduction Water Quality Water Conservation Wildlife Habitat Woodland Energy Recreation Resources | Variable ² | 100 percent | 0 |
| Public Fish and Wildlife or | | | |
| Public Recreational Development | | | |
| Works of Improvement | No more than 50 ¹ | 100 ¹ percent | No more than |
| Recreation Minimum | percent | | 50 ¹ percent |
| Basic Facilities | No more than 50 ¹ percent | | No more than 50 ¹ percent |
| Agricultural Water Management • Drainage • Irrigation • Ground Water | Up to 75 ³ percent | Up to 100 percent | 0 |
| Recharge Agricultural Water Supply Structure Water Conservation Water Quality | | | |
| Municipal and Industrial Water Supply | No more than 50 | 0 | 0 |
| Reservoir Structure | | | |
| Water Quality Management Reservoir Storage | To be determined ⁶ | Up to 100 percent | 0 |
| Rehabilitation • Dams | No more than 100 ^{1,5} percent | No more than 100 ¹ percent | 0 |





Project Cost Share.

| Purpose | Installation / Construction | Engineering / Technical Assistance | Real Property Rights |
|---|--------------------------------|--|-------------------------|
| Flood PreventionWorks of Improvement | 100 ¹ percent | 100 ¹ percent | 0 |
| Watershed Protection Flood Control Erosion and Sedimentation Reduction Water Quality Water Conservation Wildlife Habitat Woodland Energy Recreation Resources | Variable ² | 100 percent | 0 |





Project Cost Share.

| Purpose | Installation / Construction | Engineering / Technical | Real Property Rights |
|---|--|----------------------------|--|
| Public Fish and Wildlife or Public Recreational Development•Works of Improvement•Recreation Minimum Basic Facilities | No more than 50 ¹ percent No more than 50 ¹ percent | 100 ¹ percent | No more than 50 ¹ percent No more than 50 ¹ percent |
| Agricultural Water Management Drainage Irrigation Ground Water Recharge Agricultural Water Supply Structure Water Conservation Water Quality | Up to 75 ³ percent | Up to 100 percent | 0 |





Project Cost Share.

| Purpose | Installation / Construction | Engineering / Technical Assistance | Real Property Rights |
|--|---|--|-------------------------|
| Municipal and Industrial Water Supply | No more than 50 1,4,6 percent | 0 | 0 |
| Reservoir Structure | | | |
| Water Quality Management | To be determined ⁶ | Up to 100 percent | 0 |
| Reservoir Storage | | | |
| Rehabilitation • Dams | No more than 100 ^{1,5} percent | No more than 100 ¹ percent | 0 |





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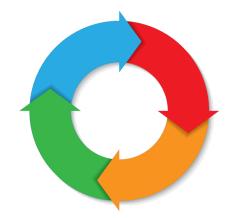
Implementation PL-566 Small Watershed Program





<u>Steps</u>

There are four basic steps to fully implement a watershed project.





PL-566 Small Watershed Program There are four basic steps to fully implement a

watershed project.

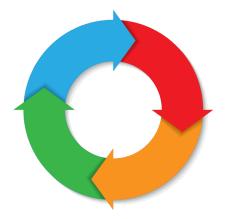
Preliminary Investigation Feasibility Report (PIFR)



Watershed Plan – EA/EIS

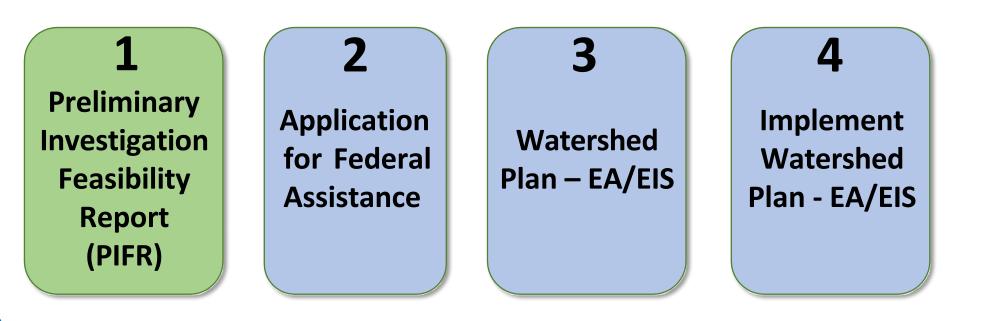
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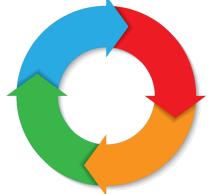
4 Implement Watershed Plan - EA/EIS





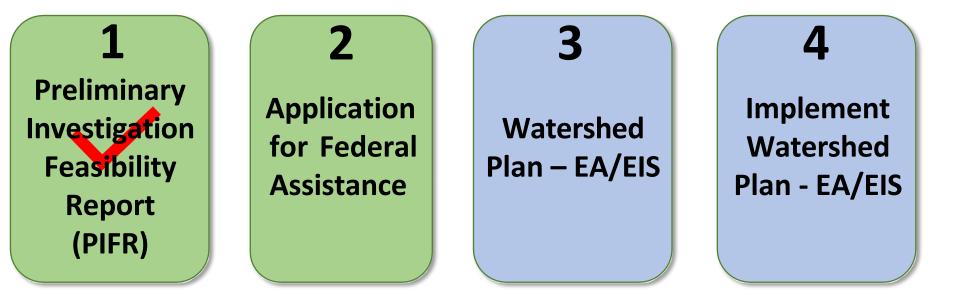
Steps 1 through 4

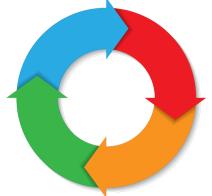






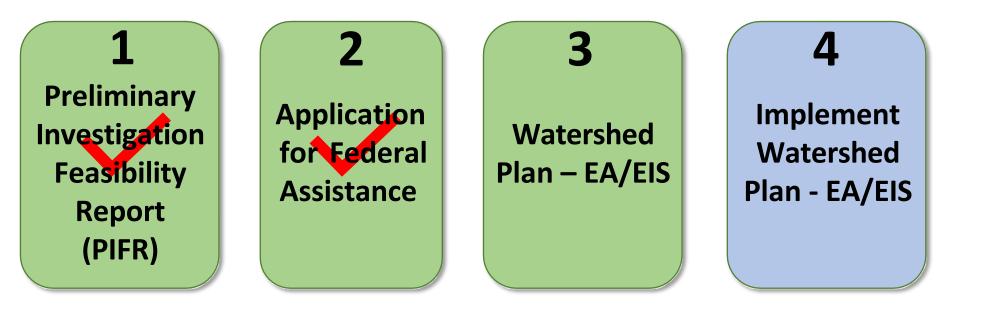
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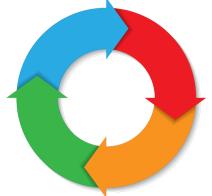






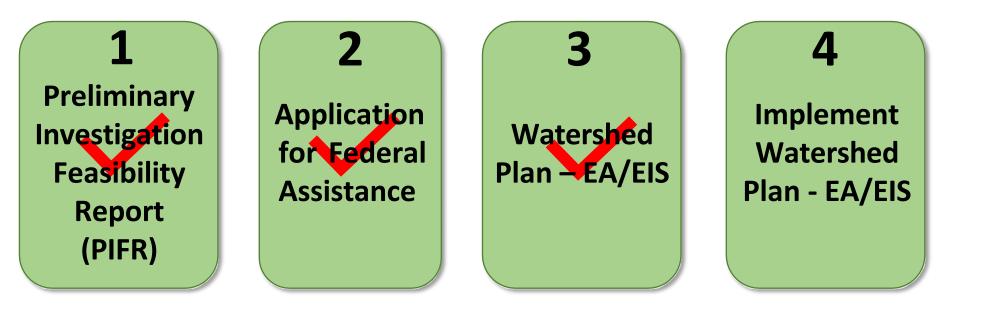
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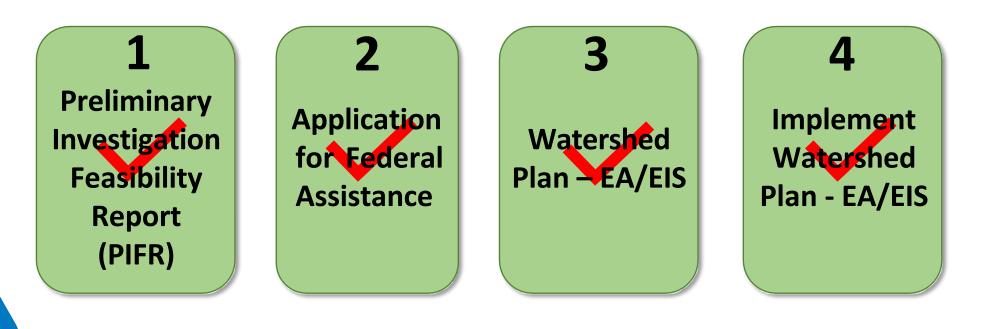


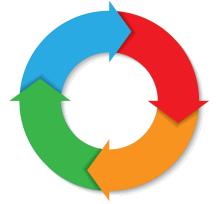
Steps 1 through 4





Steps 1 through 4





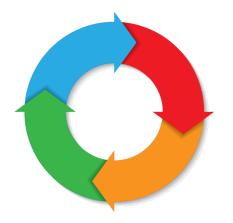


Small Watershed Program Implementation

<u>Timeline:</u> So..... How long does this process take?

4-1/2 or more years is needed for full implementation.

- 1. Technical Feasibility Study/Report (PIFR) 6 to 9 months
- 2. Application for Federal Assistance 6 months
- 3. Watershed Planning 1-1/2 to 3 years
- 4. Watershed Plan Implementation 2 to 8 Years









A.A.C.

Larry Johnson, P.E.

Larry.a.johnson@usda.gov (509) 323-2955

