

# VSP 5 Year Report for Ferry County

Report Period Ending: 3/14/2021

Submitter Name

Submitter Phone

Submitter Email

Has the county work group approved the content and submittal of this report?  Yes  No

Date of Approval

### **PROTECTION Goals**

- The watershed work group asserts that the work plan’s PROTECTION goals and benchmarks have been met during the past five years.
- The watershed work group asserts that the work plan’s PROTECTION goals and benchmarks have NOT been met during the past five years.

### **ENHANCEMENT Goals**

- The watershed work group asserts that the work plan’s ENHANCEMENT goals and benchmarks have been met during the past five years.
- The watershed work group asserts that the work plan’s ENHANCEMENT goals and benchmarks have NOT been met during the past five years.

## Strategies and Performance Metrics, Benchmark Results and Monitoring

Goal: 1 - Protect and/or enhance wetland functions	Critical Aquifer Recharge
Benchmark: 1 - No net loss of acres managed under stewardship practices; no net loss of feet or units managed for protection.	52 - Sanpoil

<u>Strategy/Metric Description</u>	<u>Accomplishment</u>	<u>Status</u>
Goal and Benchmark do not apply to this Critical Area.		N/A

**Goal: 1 - Protect and/or enhance wetland functions**  
**Benchmark: 1 - No net loss of acres managed under stewardship practices; no net loss of feet or units managed for protection.**

**Fish and Wildlife Habitat**

**52 - Sanpoil**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

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**Goal: 1 - Protect and/or enhance wetland functions**  
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**Frequently Flooded**

**52 - Sanpoil**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

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**Goal: 1 - Protect and/or enhance wetland functions**  
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**Geologic Hazard**

**52 - Sanpoil**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

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**Goal: 1 - Protect and/or enhance wetland functions**

**Benchmark: 1 - No net loss of acres managed under stewardship practices; no net loss of feet or units managed for protection.**

**Wetlands**

**52 - Sanpoil**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Protect and voluntarily enhance acres managed using strategies that provide direct protections to wetlands and buffers.

The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support wetland function. The practices exceeded the enhancement objective by the following: Livestock/Range Management enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities. Nutrient and Pest Management enhancement objective: 2,645 acres. Exceeded by: 5,286 acres Soil Management enhancement objective: 10 acres. Exceeded by: 516 acres Irrigation Management enhancement objective: 267 acres. Exceeded by: 2,109 acres Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.

Exceeded

Protect and/or enhance acres managed using strategies that promote water quality and hydrology functions by reducing erosion and improving water storage and filtration.

The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support wetland function. The practices exceeded the enhancement objective by the following: Livestock/Range Management enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities. Nutrient and Pest Management enhancement objective: 2,645 acres. Exceeded by: 5,286 acres Soil Management enhancement objective: 10 acres. Exceeded by: 516 acres Irrigation Management enhancement objective: 267 acres. Exceeded by: 2,109 acres Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.

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Soil Management enhancement objective: 10 acres.  
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**Benchmark Met?**      **Comments**      **Adaptive Management?**

Yes     No       Yes     No

The key stewardship practices were identified in Table 5-6 (p.58) that support wetland function. The outcome needed for the Protection benchmark as shown in Table 5-7 (p.59) is as follows:

Livestock/Range Management: Protection objective: 2,666 acres, 1.2 watering facilities. Exceeded by: 27,803 acres and 36.8 watering facilities.  
 Nutrient and Pest Management: Protection objective: 248 acres. Exceeded by: 7,683 acres.  
 Soil Management: Protection objective: 3 acres. Exceeded by: 523 acres.  
 Irrigation Management: Protection objective: 25 acres. Exceeded by: 2,351 acres.  
 Habitat Management: Protection objective: 45 acres, 814 feet, 1 Structure. Exceeded By: 1,513 acres, 22,198 feet and 15 structures.

**Benchmark Monitoring**

Monitoring of 2011-2021 NRCS and Conservation District program reported data.  
 Sample verification (randomly selected sample of 10% of reported projects).

**Monitoring sufficient?**

Yes     No

**Goal: 1 - Protect and/or enhance wetland functions**  
**Benchmark: 1 - No net loss of acres managed under stewardship practices; no net loss of feet or units managed for protection.**

**Critical Aquifer Recharge**  
**58 - Middle Lake Roosevelt**

<b>Strategy/Metric Description</b>	<b>Accomplishment</b>	<b>Status</b>
Goal and Benchmark do not apply to this Critical Area.		N/A

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**Fish and Wildlife Habitat**  
**58 - Middle Lake Roosevelt**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

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**Frequently Flooded**  
**58 - Middle Lake Roosevelt**

**Strategy/Metric Description**

**Accomplishment**

**Status**

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**Geologic Hazard**  
**58 - Middle Lake Roosevelt**

**Strategy/Metric Description**

**Accomplishment**

**Status**

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**Wetlands**

**58 - Middle Lake Roosevelt**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Protect and voluntarily enhance acres managed using strategies that provide direct protections to wetlands and buffers.

The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support wetland function. The practices exceeded the enhancement objective by the following: Livestock/Range Management enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities. Nutrient and Pest Management enhancement objective: 2,645 acres. Exceeded by: 5,286 acres Soil Management enhancement objective: 10 acres. Exceeded by: 516 acres Irrigation Management enhancement objective: 267 acres. Exceeded by: 2,109 acres Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.

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**Benchmark Met?**      **Comments**      **Adaptive Management?**

Yes     No       Yes     No

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**Benchmark Monitoring**

Monitoring of 2011-2021 NRCS and Conservation District program reported data.  
 Sample verification (randomly selected sample of 10% of reported projects).

**Monitoring sufficient?**

Yes     No

**Goal: 1 - Protect and/or enhance wetland functions**  
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**Critical Aquifer Recharge**  
**60 - Kettle**

<b>Strategy/Metric Description</b>	<b>Accomplishment</b>	<b>Status</b>
Goal and Benchmark do not apply to this Critical Area.		N/A

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**Fish and Wildlife Habitat**

**60 - Kettle**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

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**Frequently Flooded**

**60 - Kettle**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

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**Geologic Hazard**

**60 - Kettle**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

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**Wetlands**

**60 - Kettle**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Protect and voluntarily enhance acres managed using strategies that provide direct protections to wetlands and buffers.

Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support wetland function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following: Livestock/Range Management enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities. Nutrient and Pest Management enhancement objective: 2,645 acres. Exceeded by: 5,286 acres Soil Management enhancement objective: 10 acres. Exceeded by: 516 acres Irrigation Management enhancement objective: 267 acres. Exceeded by: 2,109 acres Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.

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**Benchmark Met?**      **Comments**      **Adaptive Management?**

Yes     No

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**Benchmark Monitoring**

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 Sample verification (randomly selected sample of 10% of reported projects).

**Monitoring sufficient?**

Yes     No

**Goal: 1 - Protect and/or enhance wetland functions**  
**Benchmark: 2 - Enrolled enhancement units (e.g. acres and feet) are sufficient to offset identified agricultural degradation and maintain baseline conditions, based on: -Implemented projects from 2011-2017      -Excluded protection benchmarks (estimated annual red**

**Critical Aquifer Recharge**  
**52 - Sanpoil**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

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**Fish and Wildlife Habitat**  
**52 - Sanpoil**

**Strategy/Metric Description**

**Accomplishment**

**Status**

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**Frequently Flooded**  
**52 - Sanpoil**

**Strategy/Metric Description**

**Accomplishment**

**Status**

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**Geologic Hazard**  
**52 - Sanpoil**

**Strategy/Metric Description**

**Accomplishment**

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**Wetlands**  
**52 - Sanpoil**

<b><u>Strategy/Metric Description</u></b>	<b><u>Accomplishment</u></b>	<b><u>Status</u></b>
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**Benchmark Met?**

**Comments**

**Adaptive Management?**

Yes     No

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Yes     No

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**Benchmark Monitoring**

**Monitoring sufficient?**

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 Sample verification (randomly selected sample of 10% of reported projects).

Yes     No

**Goal: 1 - Protect and/or enhance wetland functions**  
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**Critical Aquifer Recharge**  
**58 - Middle Lake Roosevelt**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

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**Fish and Wildlife Habitat**  
**58 - Middle Lake Roosevelt**

**Strategy/Metric Description**

**Accomplishment**

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**Frequently Flooded**  
**58 - Middle Lake Roosevelt**

**Strategy/Metric Description**

**Accomplishment**

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**Geologic Hazard**  
**58 - Middle Lake Roosevelt**

**Strategy/Metric Description**

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**Wetlands**  
**58 - Middle Lake Roosevelt**

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**Benchmark Met?**

**Comments**

**Adaptive Management?**

Yes     No

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Yes     No

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**Monitoring sufficient?**

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**Critical Aquifer Recharge**  
**60 - Kettle**

**Strategy/Metric Description**

**Accomplishment**

**Status**

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**Fish and Wildlife Habitat**  
**60 - Kettle**

**Strategy/Metric Description**

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**Goal: 1 - Protect and/or enhance wetland functions**  
**Benchmark: 2 - Enrolled enhancement units (e.g. acres and feet) are sufficient to offset identified agricultural degradation and maintain baseline conditions, based on: -Implemented projects from 2011-2017 -Excluded protection benchmarks (estimated annual red**

**Frequently Flooded**  
**60 - Kettle**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

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**Goal: 1 - Protect and/or enhance wetland functions**  
**Benchmark: 2 - Enrolled enhancement units (e.g. acres and feet) are sufficient to offset identified agricultural degradation and maintain baseline conditions, based on: -Implemented projects from 2011-2017 -Excluded protection benchmarks (estimated annual red**

**Geologic Hazard**  
**60 - Kettle**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

---

**Goal: 1 - Protect and/or enhance wetland functions**  
**Benchmark: 2 - Enrolled enhancement units (e.g. acres and feet) are sufficient to offset identified agricultural degradation and maintain baseline conditions, based on: -Implemented projects from 2011-2017 -Excluded protection benchmarks (estimated annual red**

**Wetlands**  
**60 - Kettle**

<b><u>Strategy/Metric Description</u></b>	<b><u>Accomplishment</u></b>	<b><u>Status</u></b>
Protect and voluntarily enhance acres managed using strategies that provide direct protections to wetlands and buffers.	Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support wetland function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following: Livestock/Range Management enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities. Nutrient and Pest Management enhancement objective: 2,645 acres. Exceeded by: 5,286 acres Soil Management enhancement objective: 10 acres. Exceeded by: 516 acres Irrigation Management enhancement objective: 267 acres. Exceeded by: 2,109 acres Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.	Exceeded
Protect and/or enhance acres managed using strategies that promote water quality and hydrology functions by reducing erosion and improving water storage and filtration.	Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support wetland function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following: Livestock/Range Management enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities. Nutrient and Pest Management enhancement objective: 2,645 acres. Exceeded by: 5,286 acres Soil Management enhancement objective: 10 acres. Exceeded by: 516 acres Irrigation Management enhancement objective: 267 acres. Exceeded by: 2,109 acres Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.	Exceeded
Protect and/or enhance acres managed using strategies that promote water quality and aquatic habitat functions by reducing inputs from runoff.	Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support wetland function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following: Livestock/Range Management enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities.	Exceeded

Nutrient and Pest Management enhancement objective:  
2,645 acres. Exceeded by: 5,286 acres  
Soil Management enhancement objective: 10 acres.  
Exceeded by: 516 acres  
Irrigation Management enhancement objective: 267  
acres. Exceeded by: 2,109 acres  
Habitat Management enhancement objective: 476 acres,  
8,686 feet and 5 structures. Exceeded by: 1,082 acres,  
14,326 feet and 11 structures.

**Benchmark Met?**

**Comments**

**Adaptive Management?**

Yes     No

The key stewardship practices were identified in Table 5-6 (p.58) that support wetland function. The outcome needed for the Enhancement benchmark as shown in Table 5-7 (p.59) is as follows:

Yes     No

Livestock/Range Management: Enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities.  
Nutrient and Pest Management: Enhancement objective: 2,645 acres. Exceeded by: 5,286 acres.  
Soil Management: Enhancement objective: 10 acres. Exceeded by: 516 acres  
Irrigation Management: Protection objective: Enhancement objective: 267 acres. Exceeded by: 2,109 acres  
Habitat Management: Enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.

**Benchmark Monitoring**

**Monitoring sufficient?**

Monitoring of 2011-2021 NRCS and Conservation District program reported data.  
Sample verification (randomly selected sample of 10% of reported projects).

Yes     No

**Goal: 2 - Protect and/or enhance FWHCA functions**

**Critical Aquifer Recharge**

**Benchmark: 1 - No net loss of acres managed under stewardship practices; no net loss of feet or units managed for protection.**

**52 - Sanpoil**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

**Strategy/Metric Description**

**Accomplishment**

**Status**

Protect and/or enhance acres managed using strategies that promote habitat functions by restoring or creating new habitat structures.

Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support FWCA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following:  
 Livestock/Range Management enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities.  
 Forest Understory Management enhancement objective: 445 acres. Exceeded by: 1,974 acres  
 Nutrient and Pest Management enhancement objective: 2,645 acres. Exceeded by: 5,286 acres  
 Soil Management enhancement objective: 10 acres. Exceeded by: 516 acres  
 Irrigation Management enhancement objective: 267 acres. Exceeded by: 2,109 acres  
 Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.

Exceeded

Protect and/or enhance acres managed using strategies that promote habitat functions by limiting trampling of habitat.

Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support FWCA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following:  
 Livestock/Range Management enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities.  
 Forest Understory Management enhancement objective: 445 acres. Exceeded by: 1,974 acres  
 Nutrient and Pest Management enhancement objective: 2,645 acres. Exceeded by: 5,286 acres  
 Soil Management enhancement objective: 10 acres. Exceeded by: 516 acres  
 Irrigation Management enhancement objective: 267 acres. Exceeded by: 2,109 acres  
 Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.

Exceeded

Protect and/or enhance acres managed using strategies that promote water quality, hydrology, and soil functions by reducing erosion and wildfire risk and improving water storage and filtration.

Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support FWCA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following:  
 Livestock/Range Management enhancement objective:

Exceeded

10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities.  
Forest Understory Management enhancement objective: 445 acres. Exceeded by: 1,974 acres  
Nutrient and Pest Management enhancement objective: 2,645 acres. Exceeded by: 5,286 acres  
Soil Management enhancement objective: 10 acres. Exceeded by: 516 acres  
Irrigation Management enhancement objective: 267 acres. Exceeded by: 2,109 acres  
Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.

Protect and/or enhance acres managed using strategies that promote water quality and aquatic habitat functions by reducing inputs from runoff (surface water quality).

Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support FWCA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following:  
Livestock/Range Management enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities.  
Forest Understory Management enhancement objective: 445 acres. Exceeded by: 1,974 acres  
Nutrient and Pest Management enhancement objective: 2,645 acres. Exceeded by: 5,286 acres  
Soil Management enhancement objective: 10 acres. Exceeded by: 516 acres  
Irrigation Management enhancement objective: 267 acres. Exceeded by: 2,109 acres  
Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.

Protect and/or enhance acres managed using strategies to protect fish-bearing streams and limit shoreline and watercourse degradation and enhance shoreline areas and watercourses.

Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support FWCA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following:  
Livestock/Range Management enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities.  
Forest Understory Management enhancement objective: 445 acres. Exceeded by: 1,974 acres  
Nutrient and Pest Management enhancement objective: 2,645 acres. Exceeded by: 5,286 acres  
Soil Management enhancement objective: 10 acres. Exceeded by: 516 acres  
Irrigation Management enhancement objective: 267 acres. Exceeded by: 2,109 acres  
Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres,

**Benchmark Met?**

Yes  No

**Comments**

The key stewardship practices were identified in Table 5-6 (p.58) that support wetland function. The outcome needed for the Protection benchmark as shown in Table 5-7 (p.59) is as follows:

Livestock/Range Management: Protection objective: 2,666 acres, 1.2 watering facilities. Exceeded by: 27,803 acres and 36.8 watering facilities.  
 Forest Understory Management: Protection objective: 42 acres. Exceeded by: 2,350 acres.  
 Nutrient and Pest Management: Protection objective: 248 acres. Exceeded by: 7,683 acres.  
 Soil Management: Protection objective: 3 acres. Exceeded by: 523 acres.  
 Irrigation Management: Protection objective: 25 acres. Exceeded by 2,351 acres.  
 Habitat Management: Protection objective: 45 acres, 814 feet, 1 Structure. Exceeded By: 1,513 acres, 22,198 feet and 15 structures.

**Adaptive Management?**

Yes  No

**Benchmark Monitoring**

Monitoring of 2011-2021 NRCS and Conservation District program reported data.  
 Sample verification (randomly selected sample of 10% of reported projects).

**Monitoring sufficient?**

Yes  No

**Goal: 2 - Protect and/or enhance FWHCA functions**  
**Benchmark: 1 - No net loss of acres managed under stewardship practices; no net loss of feet or units managed for protection.**

**Frequently Flooded**  
**52 - Sanpoil**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

**Goal: 2 - Protect and/or enhance FWHCA functions**  
**Benchmark: 1 - No net loss of acres managed under stewardship practices; no net loss of feet or units managed for protection.**

**Geologic Hazard**  
**52 - Sanpoil**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

**Goal: 2 - Protect and/or enhance FWHCA functions**  
**Benchmark: 1 - No net loss of acres managed under stewardship practices; no net loss of feet or units managed for protection.**

**Wetlands**  
**52 - Sanpoil**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

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**Goal: 2 - Protect and/or enhance FWHCA functions**  
**Benchmark: 1 - No net loss of acres managed under stewardship practices; no net loss of feet or units managed for protection.**

**Critical Aquifer Recharge**  
**58 - Middle Lake Roosevelt**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

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**Strategy/Metric Description**

**Accomplishment**

**Status**

Protect and/or enhance acres managed using strategies that promote habitat functions by restoring or creating new habitat structures.

Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support FWCA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following:  
 Livestock/Range Management enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities.  
 Forest Understory Management enhancement objective: 445 acres. Exceeded by: 1,974 acres  
 Nutrient and Pest Management enhancement objective: 2,645 acres. Exceeded by: 5,286 acres  
 Soil Management enhancement objective: 10 acres. Exceeded by: 516 acres  
 Irrigation Management enhancement objective: 267 acres. Exceeded by: 2,109 acres  
 Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.

Exceeded

Protect and/or enhance acres managed using strategies that promote habitat functions by limiting trampling of habitat.

Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support FWCA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following:  
 Livestock/Range Management enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities.  
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 Irrigation Management enhancement objective: 267 acres. Exceeded by: 2,109 acres  
 Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.

Exceeded

Protect and/or enhance acres managed using strategies that promote water quality, hydrology, and soil functions by reducing erosion and wildfire risk and improving water storage and filtration.

Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support FWCA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following:  
 Livestock/Range Management enhancement objective:

Exceeded



10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities.  
Forest Understory Management enhancement objective: 445 acres. Exceeded by: 1,974 acres  
Nutrient and Pest Management enhancement objective: 2,645 acres. Exceeded by: 5,286 acres  
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Irrigation Management enhancement objective: 267 acres. Exceeded by: 2,109 acres  
Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.

Protect and/or enhance acres managed using strategies that promote water quality and aquatic habitat functions by reducing inputs from runoff (surface water quality).

Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support FWCA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following:  
Livestock/Range Management enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities.  
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Irrigation Management enhancement objective: 267 acres. Exceeded by: 2,109 acres  
Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.

Protect and/or enhance acres managed using strategies to protect fish-bearing streams and limit shoreline and watercourse degradation and enhance shoreline areas and watercourses.

Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support FWCA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following:  
Livestock/Range Management enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities.  
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Nutrient and Pest Management enhancement objective: 2,645 acres. Exceeded by: 5,286 acres  
Soil Management enhancement objective: 10 acres. Exceeded by: 516 acres  
Irrigation Management enhancement objective: 267 acres. Exceeded by: 2,109 acres  
Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres,

**Benchmark Met?**

Yes  No

**Comments**

The key stewardship practices were identified in Table 5-6 (p.58) that support FWHCA function. The outcome needed for the Protection benchmark as shown in Table 5-7 (p.59) is as follows:

- Livestock/Range Management: Protection objective: 2,666 acres, 1.2 watering facilities. Exceeded by: 27,803 acres and 36.8 watering facilities.
- Forest Understory Management: Protection objective: 42 acres. Exceeded by: 2,350 acres.
- Nutrient and Pest Management: Protection objective: 248 acres. Exceeded by: 7,683 acres.
- Soil Management: Protection objective: 3 acres. Exceeded by: 523 acres.
- Irrigation Management: Protection objective: 25 acres. Exceeded by 2,351 acres.
- Habitat Management: Protection objective: 45 acres, 814 feet, 1 Structure. Exceeded By: 1,513 acres, 22,198 feet and 15 structures.

**Adaptive Management?**

Yes  No

**Benchmark Monitoring**

Monitoring of 2011-2021 NRCS and Conservation District program reported data.  
Sample verification (randomly selected sample of 10% of reported projects).

**Monitoring sufficient?**

Yes  No

**Goal: 2 - Protect and/or enhance FWHCA functions**  
**Benchmark: 1 - No net loss of acres managed under stewardship practices; no net loss of feet or units managed for protection.**

**Frequently Flooded**  
**58 - Middle Lake Roosevelt**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

**Goal: 2 - Protect and/or enhance FWHCA functions**  
**Benchmark: 1 - No net loss of acres managed under stewardship practices; no net loss of feet or units managed for protection.**

**Geologic Hazard**  
**58 - Middle Lake Roosevelt**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

**Goal: 2 - Protect and/or enhance FWHCA functions**  
**Benchmark: 1 - No net loss of acres managed under stewardship practices; no net loss of feet or units managed for protection.**

**Wetlands**  
**58 - Middle Lake Roosevelt**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

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**Goal: 2 - Protect and/or enhance FWHCA functions**  
**Benchmark: 1 - No net loss of acres managed under stewardship practices; no net loss of feet or units managed for protection.**

**Critical Aquifer Recharge**  
**60 - Kettle**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

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**Strategy/Metric Description**

**Accomplishment**

**Status**

Protect and/or enhance acres managed using strategies that promote habitat functions by restoring or creating new habitat structures.

Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support FWCA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following:  
 Livestock/Range Management enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities.  
 Forest Understory Management enhancement objective: 445 acres. Exceeded by: 1,974 acres  
 Nutrient and Pest Management enhancement objective: 2,645 acres. Exceeded by: 5,286 acres  
 Soil Management enhancement objective: 10 acres. Exceeded by: 516 acres  
 Irrigation Management enhancement objective: 267 acres. Exceeded by: 2,109 acres  
 Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.

Exceeded

Protect and/or enhance acres managed using strategies that promote habitat functions by limiting trampling of habitat.

Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support FWCA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following:  
 Livestock/Range Management enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities.  
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 Irrigation Management enhancement objective: 267 acres. Exceeded by: 2,109 acres  
 Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.

Exceeded

Protect and/or enhance acres managed using strategies that promote water quality, hydrology, and soil functions by reducing erosion and wildfire risk and improving water storage and filtration.

Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support FWCA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following:  
 Livestock/Range Management enhancement objective:

Exceeded

10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities.  
Forest Understory Management enhancement objective: 445 acres. Exceeded by: 1,974 acres  
Nutrient and Pest Management enhancement objective: 2,645 acres. Exceeded by: 5,286 acres  
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Irrigation Management enhancement objective: 267 acres. Exceeded by: 2,109 acres  
Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.

Protect and/or enhance acres managed using strategies that promote water quality and aquatic habitat functions by reducing inputs from runoff (surface water quality).

Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support FWCA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following:  
Livestock/Range Management enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities.  
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Nutrient and Pest Management enhancement objective: 2,645 acres. Exceeded by: 5,286 acres  
Soil Management enhancement objective: 10 acres. Exceeded by: 516 acres  
Irrigation Management enhancement objective: 267 acres. Exceeded by: 2,109 acres  
Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.

Protect and/or enhance acres managed using strategies to protect fish-bearing streams and limit shoreline and watercourse degradation and enhance shoreline areas and watercourses.

Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support FWCA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following:  
Livestock/Range Management enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities.  
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Nutrient and Pest Management enhancement objective: 2,645 acres. Exceeded by: 5,286 acres  
Soil Management enhancement objective: 10 acres. Exceeded by: 516 acres  
Irrigation Management enhancement objective: 267 acres. Exceeded by: 2,109 acres  
Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres,

**Benchmark Met?**

Yes  No

**Comments**

The key stewardship practices were identified in Table 5-6 (p.58) that support wetland function. The outcome needed for the Protection benchmark as shown in Table 5-7 (p.59) is as follows:

Livestock/Range Management: Protection objective: 2,666 acres, 1.2 watering facilities. Exceeded by: 27,803 acres and 36.8 watering facilities.  
 Forest Understory Management: Protection objective: 42 acres. Exceeded by: 2,350 acres.  
 Nutrient and Pest Management: Protection objective: 248 acres. Exceeded by: 7,683 acres.  
 Soil Management: Protection objective: 3 acres. Exceeded by: 523 acres.  
 Irrigation Management: Protection objective: 25 acres. Exceeded by 2,351 acres.  
 Habitat Management: Protection objective: 45 acres, 814 feet, 1 Structure. Exceeded By: 1,513 acres, 22,198 feet and 15 structures.

**Adaptive Management?**

Yes  No

**Benchmark Monitoring**

Monitoring of 2011-2021 NRCS and Conservation District program reported data.  
 Sample verification (randomly selected sample of 10% of reported projects).

**Monitoring sufficient?**

Yes  No

**Goal: 2 - Protect and/or enhance FWHCA functions**  
**Benchmark: 1 - No net loss of acres managed under stewardship practices; no net loss of feet or units managed for protection.**

**Frequently Flooded**  
**60 - Kettle**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

**Goal: 2 - Protect and/or enhance FWHCA functions**  
**Benchmark: 1 - No net loss of acres managed under stewardship practices; no net loss of feet or units managed for protection.**

**Geologic Hazard**  
**60 - Kettle**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

**Goal: 2 - Protect and/or enhance FWHCA functions**  
**Benchmark: 1 - No net loss of acres managed under stewardship practices; no net loss of feet or units managed for protection.**

**Wetlands**  
**60 - Kettle**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

**Goal: 2 - Protect and/or enhance FWHCA functions**  
**Benchmark: 2 - Enrolled enhancement units (e.g. acres and feet) are sufficient to offset identified agricultural degradation and maintain baseline conditions, based on: -Implemented projects from 2011-2017 -Excluded protection benchmarks (estimated annual red**

**Critical Aquifer Recharge**  
**52 - Sanpoil**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

**Goal: 2 - Protect and/or enhance FWCA functions**

**Fish and Wildlife Habitat**

**Benchmark: 2 - Enrolled enhancement units (e.g. acres and feet) are sufficient to offset identified agricultural degradation and maintain baseline conditions, based on: -Implemented projects from 2011-2017 -Excluded protection benchmarks (estimated annual red**

**52 - Sanpoil**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Protect and/or enhance acres managed using strategies that promote habitat functions by restoring or creating new habitat structures.

Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support FWCA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following:  
Livestock/Range Management enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities.  
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Irrigation Management enhancement objective: 267 acres. Exceeded by: 2,109 acres  
Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.

Exceeded

Protect and/or enhance acres managed using strategies that promote habitat functions by limiting trampling of habitat.

Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support FWCA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following:  
Livestock/Range Management enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities.  
Forest Understory Management enhancement objective: 445 acres. Exceeded by: 1,974 acres  
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Irrigation Management enhancement objective: 267 acres. Exceeded by: 2,109 acres  
Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.

Exceeded

Protect and/or enhance acres managed using strategies that promote water quality, hydrology, and soil functions by reducing erosion and wildfire risk and

Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support FWCA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices

Exceeded



improving water storage and filtration.

exceeded the enhancement objective by the following:  
Livestock/Range Management enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities.  
Forest Understory Management enhancement objective: 445 acres. Exceeded by: 1,974 acres  
Nutrient and Pest Management enhancement objective: 2,645 acres. Exceeded by: 5,286 acres  
Soil Management enhancement objective: 10 acres. Exceeded by: 516 acres  
Irrigation Management enhancement objective: 267 acres. Exceeded by: 2,109 acres  
Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.

Protect and/or enhance acres managed using strategies that promote water quality and aquatic habitat functions by reducing inputs from runoff (surface water quality).

Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support FWCA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following:  
Livestock/Range Management enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities.  
Forest Understory Management enhancement objective: 445 acres. Exceeded by: 1,974 acres  
Nutrient and Pest Management enhancement objective: 2,645 acres. Exceeded by: 5,286 acres  
Soil Management enhancement objective: 10 acres. Exceeded by: 516 acres  
Irrigation Management enhancement objective: 267 acres. Exceeded by: 2,109 acres  
Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.

Protect and/or enhance acres managed using strategies to protect fish-bearing streams and limit shoreline and watercourse degradation and enhance shoreline areas and watercourses.

Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support FWCA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following:  
Livestock/Range Management enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities.  
Forest Understory Management enhancement objective: 445 acres. Exceeded by: 1,974 acres  
Nutrient and Pest Management enhancement objective: 2,645 acres. Exceeded by: 5,286 acres  
Soil Management enhancement objective: 10 acres. Exceeded by: 516 acres  
Irrigation Management enhancement objective: 267 acres. Exceeded by: 2,109 acres

Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.

**Benchmark Met?**      **Comments**      **Adaptive Management?**

Yes     No

The key stewardship practices were identified in Table 5-6 (p.58) that support FWHCA function. The outcome needed for the Enhancement benchmark as shown in Table 5-7 (p.59) is as follows:

Yes     No

Livestock/Range Management: Enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities.  
 Forest Understory Management: Enhancement objective: 445 acres. Exceeded by: 1,974 acres  
 Nutrient and Pest Management: Enhancement objective: 2,645 acres. Exceeded by: 5,286 acres  
 Soil Management: Enhancement objective: 10 acres. Exceeded by: 516 acres  
 Irrigation Management: Enhancement objective: 267 acres. Exceeded by: 2,109 acres  
 Habitat Management: Enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.

**Benchmark Monitoring**

Monitoring of 2011-2021 NRCS and Conservation District program reported data.  
 Sample verification (randomly selected sample of 10% of reported projects).

**Monitoring sufficient?**

Yes     No

**Goal: 2 - Protect and/or enhance FWHCA functions**  
**Benchmark: 2 - Enrolled enhancement units (e.g. acres and feet) are sufficient to offset identified agricultural degradation and maintain baseline conditions, based on: -Implemented projects from 2011-2017      -Excluded protection benchmarks (estimated annual red**

Frequently Flooded

52 - Sanpoil

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

**Goal: 2 - Protect and/or enhance FWHCA functions**  
**Benchmark: 2 - Enrolled enhancement units (e.g. acres and feet) are sufficient to offset identified agricultural degradation and maintain baseline conditions, based on: -Implemented projects from 2011-2017 -Excluded protection benchmarks (estimated annual red**

**Geologic Hazard**  
**52 - Sanpoil**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

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**Goal: 2 - Protect and/or enhance FWHCA functions**  
**Benchmark: 2 - Enrolled enhancement units (e.g. acres and feet) are sufficient to offset identified agricultural degradation and maintain baseline conditions, based on: -Implemented projects from 2011-2017 -Excluded protection benchmarks (estimated annual red**

**Wetlands**  
**52 - Sanpoil**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

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**Goal: 2 - Protect and/or enhance FWHCA functions**  
**Benchmark: 2 - Enrolled enhancement units (e.g. acres and feet) are sufficient to offset identified agricultural degradation and maintain baseline conditions, based on: -Implemented projects from 2011-2017 -Excluded protection benchmarks (estimated annual red**

**Critical Aquifer Recharge**  
**58 - Middle Lake Roosevelt**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

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**Goal: 2 - Protect and/or enhance FWCA functions**

**Benchmark: 2 - Enrolled enhancement units (e.g. acres and feet) are sufficient to offset identified agricultural degradation and maintain baseline conditions, based on: -Implemented projects from 2011-2017 -Excluded protection benchmarks (estimated annual red**

**Fish and Wildlife Habitat**

**58 - Middle Lake Roosevelt**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Protect and/or enhance acres managed using strategies that promote habitat functions by restoring or creating new habitat structures.

Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support FWCA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following:  
Livestock/Range Management enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities.  
Forest Understory Management enhancement objective: 445 acres. Exceeded by: 1,974 acres  
Nutrient and Pest Management enhancement objective: 2,645 acres. Exceeded by: 5,286 acres  
Soil Management enhancement objective: 10 acres. Exceeded by: 516 acres  
Irrigation Management enhancement objective: 267 acres. Exceeded by: 2,109 acres  
Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.

Exceeded

Protect and/or enhance acres managed using strategies that promote habitat functions by limiting trampling of habitat.

Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support FWCA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following:  
Livestock/Range Management enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities.  
Forest Understory Management enhancement objective: 445 acres. Exceeded by: 1,974 acres  
Nutrient and Pest Management enhancement objective: 2,645 acres. Exceeded by: 5,286 acres  
Soil Management enhancement objective: 10 acres. Exceeded by: 516 acres  
Irrigation Management enhancement objective: 267 acres. Exceeded by: 2,109 acres  
Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.

Exceeded

Protect and/or enhance acres managed using strategies that promote water quality, hydrology, and soil functions by reducing erosion and wildfire risk and

Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support FWCA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices

Exceeded

improving water storage and filtration.

exceeded the enhancement objective by the following:  
Livestock/Range Management enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities.  
Forest Understory Management enhancement objective: 445 acres. Exceeded by: 1,974 acres  
Nutrient and Pest Management enhancement objective: 2,645 acres. Exceeded by: 5,286 acres  
Soil Management enhancement objective: 10 acres. Exceeded by: 516 acres  
Irrigation Management enhancement objective: 267 acres. Exceeded by: 2,109 acres  
Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.

Protect and/or enhance acres managed using strategies that promote water quality and aquatic habitat functions by reducing inputs from runoff (surface water quality).

Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support FWCA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following:  
Livestock/Range Management enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities.  
Forest Understory Management enhancement objective: 445 acres. Exceeded by: 1,974 acres  
Nutrient and Pest Management enhancement objective: 2,645 acres. Exceeded by: 5,286 acres  
Soil Management enhancement objective: 10 acres. Exceeded by: 516 acres  
Irrigation Management enhancement objective: 267 acres. Exceeded by: 2,109 acres  
Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.

Protect and/or enhance acres managed using strategies to protect fish-bearing streams and limit shoreline and watercourse degradation and enhance shoreline areas and watercourses.

Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support FWCA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following:  
Livestock/Range Management enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities.  
Forest Understory Management enhancement objective: 445 acres. Exceeded by: 1,974 acres  
Nutrient and Pest Management enhancement objective: 2,645 acres. Exceeded by: 5,286 acres  
Soil Management enhancement objective: 10 acres. Exceeded by: 516 acres  
Irrigation Management enhancement objective: 267 acres. Exceeded by: 2,109 acres

Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.

<u>Benchmark Met?</u>	<u>Comments</u>	<u>Adaptive Management?</u>
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<p>The key stewardship practices were identified in Table 5-6 (p.58) that support wetland function. The outcome needed for the Enhancement benchmark as shown in Table 5-7 (p.59) is as follows:</p> <p>Livestock/Range Management: Enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities.</p> <p>Forest Understory Management: Enhancement objective: 445 acres. Exceeded by: 1,974 acres</p> <p>Nutrient and Pest Management: Enhancement objective: 2,645 acres. Exceeded by: 5,286 acres</p> <p>Soil Management: Enhancement objective: 10 acres. Exceeded by: 516 acres</p> <p>Irrigation Management: Enhancement objective: 267 acres. Exceeded by: 2,109 acres</p> <p>Habitat Management: Enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.</p>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

<u>Benchmark Monitoring</u>	<u>Monitoring sufficient?</u>
<p>Monitoring of 2011-2021 NRCS and Conservation District program reported data.</p> <p>Sample verification (randomly selected sample of 10% of reported projects).</p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

<b>Goal: 2 - Protect and/or enhance FWHCA functions</b>	<b>Frequently Flooded</b>
<b>Benchmark: 2 - Enrolled enhancement units (e.g. acres and feet) are sufficient to offset identified agricultural degradation and maintain baseline conditions, based on: -Implemented projects from 2011-2017      -Excluded protection benchmarks (estimated annual red</b>	<b>58 - Middle Lake Roosevelt</b>

<u>Strategy/Metric Description</u>	<u>Accomplishment</u>	<u>Status</u>
<p>Goal and Benchmark do not apply to this Critical Area.</p>		<p>N/A</p>

**Goal: 2 - Protect and/or enhance FWHCA functions**  
**Benchmark: 2 - Enrolled enhancement units (e.g. acres and feet) are sufficient to offset identified agricultural degradation and maintain baseline conditions, based on: -Implemented projects from 2011-2017 -Excluded protection benchmarks (estimated annual red**

**Geologic Hazard**  
**58 - Middle Lake Roosevelt**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

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**Goal: 2 - Protect and/or enhance FWHCA functions**  
**Benchmark: 2 - Enrolled enhancement units (e.g. acres and feet) are sufficient to offset identified agricultural degradation and maintain baseline conditions, based on: -Implemented projects from 2011-2017 -Excluded protection benchmarks (estimated annual red**

**Wetlands**  
**58 - Middle Lake Roosevelt**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

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**Goal: 2 - Protect and/or enhance FWHCA functions**  
**Benchmark: 2 - Enrolled enhancement units (e.g. acres and feet) are sufficient to offset identified agricultural degradation and maintain baseline conditions, based on: -Implemented projects from 2011-2017 -Excluded protection benchmarks (estimated annual red**

**Critical Aquifer Recharge**  
**60 - Kettle**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

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**Goal: 2 - Protect and/or enhance FWCA functions**

**Benchmark: 2 - Enrolled enhancement units (e.g. acres and feet) are sufficient to offset identified agricultural degradation and maintain baseline conditions, based on: -Implemented projects from 2011-2017 -Excluded protection benchmarks (estimated annual red**

**Fish and Wildlife Habitat**

**60 - Kettle**

**Strategy/Metric Description**

Protect and/or enhance acres managed using strategies that promote habitat functions by restoring or creating new habitat structures.

**Accomplishment**

Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support FWCA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following:  
Livestock/Range Management enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities.  
Forest Understory Management enhancement objective: 445 acres. Exceeded by: 1,974 acres  
Nutrient and Pest Management enhancement objective: 2,645 acres. Exceeded by: 5,286 acres  
Soil Management enhancement objective: 10 acres. Exceeded by: 516 acres  
Irrigation Management enhancement objective: 267 acres. Exceeded by: 2,109 acres  
Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.

**Status**

Exceeded

Protect and/or enhance acres managed using strategies that promote habitat functions by limiting trampling of habitat.

Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support FWCA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following:  
Livestock/Range Management enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities.  
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Irrigation Management enhancement objective: 267 acres. Exceeded by: 2,109 acres  
Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.

Exceeded

Protect and/or enhance acres managed using strategies that promote water quality, hydrology, and soil functions by reducing erosion and wildfire risk and

Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support FWCA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices

Exceeded



improving water storage and filtration.

exceeded the enhancement objective by the following:  
Livestock/Range Management enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities.  
Forest Understory Management enhancement objective: 445 acres. Exceeded by: 1,974 acres  
Nutrient and Pest Management enhancement objective: 2,645 acres. Exceeded by: 5,286 acres  
Soil Management enhancement objective: 10 acres. Exceeded by: 516 acres  
Irrigation Management enhancement objective: 267 acres. Exceeded by: 2,109 acres  
Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.

Protect and/or enhance acres managed using strategies that promote water quality and aquatic habitat functions by reducing inputs from runoff (surface water quality).

Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support FWCA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following:  
Livestock/Range Management enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities.  
Forest Understory Management enhancement objective: 445 acres. Exceeded by: 1,974 acres  
Nutrient and Pest Management enhancement objective: 2,645 acres. Exceeded by: 5,286 acres  
Soil Management enhancement objective: 10 acres. Exceeded by: 516 acres  
Irrigation Management enhancement objective: 267 acres. Exceeded by: 2,109 acres  
Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.

Protect and/or enhance acres managed using strategies to protect fish-bearing streams and limit shoreline and watercourse degradation and enhance shoreline areas and watercourses.

Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support FWCA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following:  
Livestock/Range Management enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities.  
Forest Understory Management enhancement objective: 445 acres. Exceeded by: 1,974 acres  
Nutrient and Pest Management enhancement objective: 2,645 acres. Exceeded by: 5,286 acres  
Soil Management enhancement objective: 10 acres. Exceeded by: 516 acres  
Irrigation Management enhancement objective: 267 acres. Exceeded by: 2,109 acres

Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.

<u>Benchmark Met?</u>	<u>Comments</u>	<u>Adaptive Management?</u>
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<p>The key stewardship practices were identified in Table 5-6 (p.58) that support FWHCA function. The outcome needed for the Enhancement benchmark as shown in Table 5-7 (p.59) is as follows:</p> <p>Livestock/Range Management: Enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities.</p> <p>Forest Understory Management: Enhancement objective: 445 acres. Exceeded by: 1,974 acres</p> <p>Nutrient and Pest Management: Enhancement objective: 2,645 acres. Exceeded by: 5,286 acres</p> <p>Soil Management: Enhancement objective: 10 acres. Exceeded by: 516 acres</p> <p>Irrigation Management: Enhancement objective: 267 acres. Exceeded by: 2,109 acres</p> <p>Habitat Management: Enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.</p>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

<u>Benchmark Monitoring</u>	<u>Monitoring sufficient?</u>
<p>Monitoring of 2011-2021 NRCS and Conservation District program reported data.</p> <p>Sample verification (randomly selected sample of 10% of reported projects).</p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

<b>Goal: 2 - Protect and/or enhance FWHCA functions</b> <b>Benchmark: 2 - Enrolled enhancement units (e.g. acres and feet) are sufficient to offset identified agricultural degradation and maintain baseline conditions, based on: -Implemented projects from 2011-2017      -Excluded protection benchmarks (estimated annual red</b>	<b>Frequently Flooded</b> <b>60 - Kettle</b>
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<u>Strategy/Metric Description</u>	<u>Accomplishment</u>	<u>Status</u>
Goal and Benchmark do not apply to this Critical Area.		N/A

**Goal: 2 - Protect and/or enhance FWHCA functions**  
**Benchmark: 2 - Enrolled enhancement units (e.g. acres and feet) are sufficient to offset identified agricultural degradation and maintain baseline conditions, based on: -Implemented projects from 2011-2017 -Excluded protection benchmarks (estimated annual red**

**Geologic Hazard**  
**60 - Kettle**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

**Goal: 2 - Protect and/or enhance FWHCA functions**  
**Benchmark: 2 - Enrolled enhancement units (e.g. acres and feet) are sufficient to offset identified agricultural degradation and maintain baseline conditions, based on: -Implemented projects from 2011-2017 -Excluded protection benchmarks (estimated annual red**

**Wetlands**  
**60 - Kettle**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

**Goal: 3 - Protect and/or enhance FFA functions**  
**Benchmark: 1 - No net loss of acres managed under stewardship practices; no net loss of feet or units managed for protection.**

**Critical Aquifer Recharge**  
**52 - Sanpoil**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

**Goal: 3 - Protect and/or enhance FFA functions**  
**Benchmark: 1 - No net loss of acres managed under stewardship practices; no net loss of feet or units managed for protection.**

**Fish and Wildlife Habitat**  
**52 - Sanpoil**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

**Goal: 3 - Protect and/or enhance FFA functions**

**Frequently Flooded**

**Benchmark: 1 - No net loss of acres managed under stewardship practices; no net loss of feet or units managed for protection.**

**52 - Sanpoil**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Protect and/or enhance FFAs directly.

Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support FFA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following:  
Livestock/Range Management enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities.  
Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.

Exceeded

Protect and/or enhance acres managed using techniques that limit soil compaction or trampling of habitat.

Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support FFA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following:  
Livestock/Range Management enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities.  
Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.

Exceeded

Protect and/or enhance acres managed using strategies that promote water quality, hydrology, soil, and habitat functions by reducing erosion and improving water storage and filtration.

Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support FFA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following:  
Livestock/Range Management enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities.  
Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.

Exceeded

**Benchmark Met?**

**Comments**

**Adaptive Management?**

Yes     No

The key stewardship practices were identified in Table 5-6 (p.58) that support FAA function. The outcome needed for the Protection benchmark as shown in Table 5-7 (p.59) is as follows:

Yes     No

Livestock/Range Management: Protection objective: 2,666 acres, 1.2 watering facilities. Exceeded by: 27,803 acres and 36.8 watering facilities.  
Habitat Management: Protection objective: 45 acres, 814

feet, 1 Structure. Exceeded By: 1,513 acres, 22,198 feet and 15 structures.

**Benchmark Monitoring**

Monitoring of 2011-2021 NRCS and Conservation District program reported data.

Sample verification (randomly selected sample of 10% of reported projects).

**Monitoring sufficient?**

Yes  No

**Goal: 3 - Protect and/or enhance FFA functions**  
**Benchmark: 1 - No net loss of acres managed under stewardship practices; no net loss of feet or units managed for protection.**

**Geologic Hazard**  
**52 - Sanpoil**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

**Goal: 3 - Protect and/or enhance FFA functions**  
**Benchmark: 1 - No net loss of acres managed under stewardship practices; no net loss of feet or units managed for protection.**

**Wetlands**  
**52 - Sanpoil**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

**Goal: 3 - Protect and/or enhance FFA functions**  
**Benchmark: 1 - No net loss of acres managed under stewardship practices; no net loss of feet or units managed for protection.**

**Critical Aquifer Recharge**  
**58 - Middle Lake Roosevelt**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

**Goal: 3 - Protect and/or enhance FFA functions**  
**Benchmark: 1 - No net loss of acres managed under stewardship practices; no net loss of feet or units managed for protection.**

**Fish and Wildlife Habitat**  
**58 - Middle Lake Roosevelt**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

**Goal: 3 - Protect and/or enhance FFA functions**

**Frequently Flooded**

**Benchmark: 1 - No net loss of acres managed under stewardship practices; no net loss of feet or units managed for protection.**

**58 - Middle Lake Roosevelt**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Protect and/or enhance FFAs directly.

Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support FFA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following:  
Livestock/Range Management enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities.  
Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.

Exceeded

Protect and/or enhance acres managed using techniques that limit soil compaction or trampling of habitat.

Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support FFA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following:  
Livestock/Range Management enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities.  
Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.

Exceeded

Protect and/or enhance acres managed using strategies that promote water quality, hydrology, soil, and habitat functions by reducing erosion and improving water storage and filtration.

Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support FFA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following:  
Livestock/Range Management enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities.  
Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.

Exceeded

**Benchmark Met?**

**Comments**

**Adaptive Management?**

Yes     No

The key stewardship practices were identified in Table 5-6 (p.58) that support FAA function. The outcome needed for the Protection benchmark as shown in Table 5-7 (p.59) is as follows:

Yes     No

Livestock/Range Management: Protection objective: 2,666 acres, 1.2 watering facilities. Exceeded by: 27,803 acres and 36.8 watering facilities.  
Habitat Management: Protection objective: 45 acres, 814

feet, 1 Structure. Exceeded By: 1,513 acres, 22,198 feet and 15 structures.

**Benchmark Monitoring**

Monitoring of 2011-2021 NRCS and Conservation District program reported data.

Sample verification (randomly selected sample of 10% of reported projects).

**Monitoring sufficient?**

Yes  No

**Goal: 3 - Protect and/or enhance FFA functions**

**Benchmark: 1 - No net loss of acres managed under stewardship practices; no net loss of feet or units managed for protection.**

**Geologic Hazard**

**58 - Middle Lake Roosevelt**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

**Goal: 3 - Protect and/or enhance FFA functions**

**Benchmark: 1 - No net loss of acres managed under stewardship practices; no net loss of feet or units managed for protection.**

**Wetlands**

**58 - Middle Lake Roosevelt**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

**Goal: 3 - Protect and/or enhance FFA functions**

**Benchmark: 1 - No net loss of acres managed under stewardship practices; no net loss of feet or units managed for protection.**

**Critical Aquifer Recharge**

**60 - Kettle**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

**Goal: 3 - Protect and/or enhance FFA functions**

**Benchmark: 1 - No net loss of acres managed under stewardship practices; no net loss of feet or units managed for protection.**

**Fish and Wildlife Habitat**

**60 - Kettle**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

**Goal: 3 - Protect and/or enhance FFA functions**

**Benchmark: 1 - No net loss of acres managed under stewardship practices; no net loss of feet or units managed for protection.**

**Frequently Flooded**

**60 - Kettle**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Protect and/or enhance FFAs directly.

Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support FFA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following:  
 Livestock/Range Management enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities.  
 Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.

Exceeded

Protect and/or enhance acres managed using techniques that limit soil compaction or trampling of habitat.

Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support FFA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following:  
 Livestock/Range Management enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities.  
 Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.

Exceeded

Protect and/or enhance acres managed using strategies that promote water quality, hydrology, soil, and habitat functions by reducing erosion and improving water storage and filtration.

Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support FFA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following:  
 Livestock/Range Management enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities.  
 Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.

Exceeded

**Benchmark Met?**

**Comments**

**Adaptive Management?**

Yes     No

Yes     No

The key stewardship practices were identified in Table 5-6 (p.58) that support FAA function. The outcome needed for the Protection benchmark as shown in Table 5-7 (p.59) is as follows:

Livestock/Range Management: Protection objective: 2,666 acres, 1.2 watering facilities. Exceeded by: 27,803 acres and 36.8 watering facilities.  
 Habitat Management: Protection objective: 45 acres, 814



feet, 1 Structure. Exceeded By: 1,513 acres, 22,198 feet and 15 structures.

**Benchmark Monitoring**

Monitoring of 2011-2021 NRCS and Conservation District program reported data.

Sample verification (randomly selected sample of 10% of reported projects).

**Monitoring sufficient?**

Yes  No

**Goal: 3 - Protect and/or enhance FFA functions**  
**Benchmark: 1 - No net loss of acres managed under stewardship practices; no net loss of feet or units managed for protection.**

**Geologic Hazard**  
**60 - Kettle**

<u>Strategy/Metric Description</u>	<u>Accomplishment</u>	<u>Status</u>
Goal and Benchmark do not apply to this Critical Area.		N/A

**Goal: 3 - Protect and/or enhance FFA functions**  
**Benchmark: 1 - No net loss of acres managed under stewardship practices; no net loss of feet or units managed for protection.**

**Wetlands**  
**60 - Kettle**

<u>Strategy/Metric Description</u>	<u>Accomplishment</u>	<u>Status</u>
Goal and Benchmark do not apply to this Critical Area.		N/A

**Goal: 3 - Protect and/or enhance FFA functions**  
**Benchmark: 2 - Enrolled enhancement units (e.g. acres and feet) are sufficient to offset identified agricultural degradation and maintain baseline conditions, based on: -Implemented projects from 2011-2017 -Excluded protection benchmarks (estimated annual red**

**Critical Aquifer Recharge**  
**52 - Sanpoil**

<u>Strategy/Metric Description</u>	<u>Accomplishment</u>	<u>Status</u>
Goal and Benchmark do not apply to this Critical Area.		N/A

**Goal: 3 - Protect and/or enhance FFA functions**  
**Benchmark: 2 - Enrolled enhancement units (e.g. acres and feet) are sufficient to offset identified agricultural degradation and maintain baseline conditions, based on: -Implemented projects from 2011-2017 -Excluded protection benchmarks (estimated annual red**

**Fish and Wildlife Habitat**  
**52 - Sanpoil**

<u>Strategy/Metric Description</u>	<u>Accomplishment</u>	<u>Status</u>
Goal and Benchmark do not apply to this Critical Area.		N/A

**Goal: 3 - Protect and/or enhance FFA functions**  
**Benchmark: 2 - Enrolled enhancement units (e.g. acres and feet) are sufficient to offset identified agricultural degradation and maintain baseline conditions, based on: -Implemented projects from 2011-2017 -Excluded protection benchmarks (estimated annual red**

**Frequently Flooded**  
**52 - Sanpoil**

<b>Strategy/Metric Description</b>	<b>Accomplishment</b>	<b>Status</b>
Protect and/or enhance FFAs directly.	Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support FFA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following: Livestock/Range Management enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities. Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.	Exceeded
Protect and/or enhance acres managed using techniques that limit soil compaction or trampling of habitat.	Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support FFA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following: Livestock/Range Management enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities. Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.	Exceeded
Protect and/or enhance acres managed using strategies that promote water quality, hydrology, soil, and habitat functions by reducing erosion and improving water storage and filtration.	Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support FFA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following: Livestock/Range Management enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities. Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.	Exceeded

<b>Benchmark Met?</b>	<b>Comments</b>	<b>Adaptive Management?</b>
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	The key stewardship practices were identified in Table 5-6 (p.58) that support FFA function. The outcome needed for the Enhancement benchmark as shown in Table 5-7 (p.59) is as follows:  Livestock/Range Management: Enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

acres and 25 watering facilities.  
 Habitat Management: Enhancement objective: 476 acres,  
 8,686 feet and 5 structures. Exceeded by: 1,082 acres,  
 14,326 feet and 11 structures.

**Benchmark Monitoring**

Monitoring of 2011-2021 NRCS and Conservation District program reported data.  
 Sample verification (randomly selected sample of 10% of reported projects).

**Monitoring sufficient?**

Yes  No

<b>Goal: 3 - Protect and/or enhance FFA functions</b>	<b>Geologic Hazard</b>
<b>Benchmark: 2 - Enrolled enhancement units (e.g. acres and feet) are sufficient to offset identified agricultural degradation and maintain baseline conditions, based on: -Implemented projects from 2011-2017 -Excluded protection benchmarks (estimated annual red</b>	<b>52 - Sanpoil</b>

<u>Strategy/Metric Description</u>	<u>Accomplishment</u>	<u>Status</u>
Goal and Benchmark do not apply to this Critical Area.		N/A

<b>Goal: 3 - Protect and/or enhance FFA functions</b>	<b>Wetlands</b>
<b>Benchmark: 2 - Enrolled enhancement units (e.g. acres and feet) are sufficient to offset identified agricultural degradation and maintain baseline conditions, based on: -Implemented projects from 2011-2017 -Excluded protection benchmarks (estimated annual red</b>	<b>52 - Sanpoil</b>

<u>Strategy/Metric Description</u>	<u>Accomplishment</u>	<u>Status</u>
Goal and Benchmark do not apply to this Critical Area.		N/A

<b>Goal: 3 - Protect and/or enhance FFA functions</b>	<b>Critical Aquifer Recharge</b>
<b>Benchmark: 2 - Enrolled enhancement units (e.g. acres and feet) are sufficient to offset identified agricultural degradation and maintain baseline conditions, based on: -Implemented projects from 2011-2017 -Excluded protection benchmarks (estimated annual red</b>	<b>58 - Middle Lake Roosevelt</b>

<u>Strategy/Metric Description</u>	<u>Accomplishment</u>	<u>Status</u>
Goal and Benchmark do not apply to this Critical Area.		N/A

**Goal: 3 - Protect and/or enhance FFA functions**  
**Benchmark: 2 - Enrolled enhancement units (e.g. acres and feet) are sufficient to offset identified agricultural degradation and maintain baseline conditions, based on: -Implemented projects from 2011-2017 -Excluded protection benchmarks (estimated annual red**

**Fish and Wildlife Habitat**  
**58 - Middle Lake Roosevelt**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

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**Goal: 3 - Protect and/or enhance FFA functions**

**Benchmark: 2 - Enrolled enhancement units (e.g. acres and feet) are sufficient to offset identified agricultural degradation and maintain baseline conditions, based on: -Implemented projects from 2011-2017 -Excluded protection benchmarks (estimated annual red**

**Frequently Flooded**

**58 - Middle Lake Roosevelt**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Protect and/or enhance FFAs directly.

Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support FFA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following:  
Livestock/Range Management enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities.  
Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.

Exceeded

Protect and/or enhance acres managed using techniques that limit soil compaction or trampling of habitat.

Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support FFA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following:  
Livestock/Range Management enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities.  
Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.

Exceeded

Protect and/or enhance acres managed using strategies that promote water quality, hydrology, soil, and habitat functions by reducing erosion and improving water storage and filtration.

Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support FFA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following:  
Livestock/Range Management enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities.  
Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.

Exceeded

**Benchmark Met?**

**Comments**

**Adaptive Management?**

Yes     No

The key stewardship practices were identified in Table 5-6 (p.58) that support FFA function. The outcome needed for the Enhancement benchmark as shown in Table 5-7 (p.59) is as follows:

Yes     No

Livestock/Range Management: Enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806

acres and 25 watering facilities.  
 Habitat Management: Enhancement objective: 476 acres,  
 8,686 feet and 5 structures. Exceeded by: 1,082 acres,  
 14,326 feet and 11 structures.

**Benchmark Monitoring**

Monitoring of 2011-2021 NRCS and Conservation District program reported data.  
 Sample verification (randomly selected sample of 10% of reported projects).

**Monitoring sufficient?**

Yes  No

<b>Goal: 3 - Protect and/or enhance FFA functions</b>	<b>Geologic Hazard</b>
<b>Benchmark: 2 - Enrolled enhancement units (e.g. acres and feet) are sufficient to offset identified agricultural degradation and maintain baseline conditions, based on: -Implemented projects from 2011-2017 -Excluded protection benchmarks (estimated annual red</b>	<b>58 - Middle Lake Roosevelt</b>

<b>Strategy/Metric Description</b>	<b>Accomplishment</b>	<b>Status</b>
Goal and Benchmark do not apply to this Critical Area.		N/A
Goal and Benchmark do not apply to this Critical Area.		N/A

<b>Goal: 3 - Protect and/or enhance FFA functions</b>	<b>Wetlands</b>
<b>Benchmark: 2 - Enrolled enhancement units (e.g. acres and feet) are sufficient to offset identified agricultural degradation and maintain baseline conditions, based on: -Implemented projects from 2011-2017 -Excluded protection benchmarks (estimated annual red</b>	<b>58 - Middle Lake Roosevelt</b>

<b>Strategy/Metric Description</b>	<b>Accomplishment</b>	<b>Status</b>
Goal and Benchmark do not apply to this Critical Area.		N/A

<b>Goal: 3 - Protect and/or enhance FFA functions</b>	<b>Critical Aquifer Recharge</b>
<b>Benchmark: 2 - Enrolled enhancement units (e.g. acres and feet) are sufficient to offset identified agricultural degradation and maintain baseline conditions, based on: -Implemented projects from 2011-2017 -Excluded protection benchmarks (estimated annual red</b>	<b>60 - Kettle</b>

<b>Strategy/Metric Description</b>	<b>Accomplishment</b>	<b>Status</b>
Goal and Benchmark do not apply to this Critical Area.		N/A

**Goal: 3 - Protect and/or enhance FFA functions**  
**Benchmark: 2 - Enrolled enhancement units (e.g. acres and feet) are sufficient to offset identified agricultural degradation and maintain baseline conditions, based on: -Implemented projects from 2011-2017 -Excluded protection benchmarks (estimated annual red**

**Fish and Wildlife Habitat**  
**60 - Kettle**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

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**Goal: 3 - Protect and/or enhance FFA functions**  
**Benchmark: 2 - Enrolled enhancement units (e.g. acres and feet) are sufficient to offset identified agricultural degradation and maintain baseline conditions, based on: -Implemented projects from 2011-2017 -Excluded protection benchmarks (estimated annual red**

**Frequently Flooded**  
**60 - Kettle**

<b>Strategy/Metric Description</b>	<b>Accomplishment</b>	<b>Status</b>
Protect and/or enhance FFAs directly.	Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support FFA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following: Livestock/Range Management enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities. Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.	Exceeded
Protect and/or enhance acres managed using techniques that limit soil compaction or trampling of habitat.	Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support FFA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following: Livestock/Range Management enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities. Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.	Exceeded
Protect and/or enhance acres managed using strategies that promote water quality, hydrology, soil, and habitat functions by reducing erosion and improving water storage and filtration.	Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support FFA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following: Livestock/Range Management enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities. Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.	Exceeded

<b>Benchmark Met?</b>	<b>Comments</b>	<b>Adaptive Management?</b>
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	The key stewardship practices were identified in Table 5-6 (p.58) that support FFA function. The outcome needed for the Enhancement benchmark as shown in Table 5-7 (p.59) is as follows:  Livestock/Range Management: Enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



acres and 25 watering facilities.  
 Habitat Management: Enhancement objective: 476 acres,  
 8,686 feet and 5 structures. Exceeded by: 1,082 acres,  
 14,326 feet and 11 structures.

**Benchmark Monitoring**

**Monitoring sufficient?**

Monitoring of 2011-2021 NRCS and Conservation District program reported data.  
 Sample verification (randomly selected sample of 10% of reported projects).

Yes     No

**Goal: 3 - Protect and/or enhance FFA functions**  
**Benchmark: 2 - Enrolled enhancement units (e.g. acres and feet) are sufficient to offset identified agricultural degradation and maintain baseline conditions, based on: -Implemented projects from 2011-2017      -Excluded protection benchmarks (estimated annual red**

**Geologic Hazard**  
**60 - Kettle**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

**Goal: 3 - Protect and/or enhance FFA functions**  
**Benchmark: 2 - Enrolled enhancement units (e.g. acres and feet) are sufficient to offset identified agricultural degradation and maintain baseline conditions, based on: -Implemented projects from 2011-2017      -Excluded protection benchmarks (estimated annual red**

**Wetlands**  
**60 - Kettle**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

Goal and Benchmark do not apply to this Critical Area.

N/A

**Strategy/Metric Description**

**Accomplishment**

**Status**

Protect and/or enhance acres managed to protect shallow groundwater wells by managing chemical and nutrient input controls.

Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support CARA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following:  
 Nutrient and Pest Management enhancement objective: 2,645 acres. Exceeded by: 5,286 acres  
 Soil Management enhancement objective: 10 acres. Exceeded by: 516 acres  
 Irrigation Management enhancement objective: 267 acres. Exceeded by: 2,109 acres  
 Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.

Exceeded

Protect and/or enhance acres managed to promote natural groundwater filtration functions.

Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support CARA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following:  
 Nutrient and Pest Management enhancement objective: 2,645 acres. Exceeded by: 5,286 acres  
 Soil Management enhancement objective: 10 acres. Exceeded by: 516 acres  
 Irrigation Management enhancement objective: 267 acres. Exceeded by: 2,109 acres  
 Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.

Exceeded

Protect and/or enhance acres managed to promote hydrology functions by improving water conservation.

Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support CARA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following:  
 Nutrient and Pest Management enhancement objective: 2,645 acres. Exceeded by: 5,286 acres  
 Soil Management enhancement objective: 10 acres. Exceeded by: 516 acres  
 Irrigation Management enhancement objective: 267 acres. Exceeded by: 2,109 acres  
 Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.

Exceeded

**Benchmark Met?** Yes  No**Comments**

The key stewardship practices were identified in Table 5-6 (p.58) that support CARA function. The outcome needed for the Protection benchmark as shown in Table 5-7 (p.59) is as follows:

Nutrient and Pest Management: Protection objective: 248 acres. Exceeded by: 7,683 acres.

Soil Management: Protection objective: 3 acres. Exceeded by: 523 acres.

Irrigation Management: Protection objective: 25 acres. Exceeded by 2,351 acres.

**Adaptive Management?** Yes  No**Benchmark Monitoring**

Monitoring of 2011-2021 NRCS and Conservation District program reported data.

Sample verification (randomly selected sample of 10% of reported projects).

**Monitoring sufficient?** Yes  No

**Goal: 4 - Protect and/or enhance CARA functions**

**Benchmark: 1 - No net loss of acres managed under stewardship practices; no net loss of feet or units managed for protection.**

**Fish and Wildlife Habitat**

**52 - Sanpoil**

**Strategy/Metric Description****Accomplishment****Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

**Goal: 4 - Protect and/or enhance CARA functions**

**Benchmark: 1 - No net loss of acres managed under stewardship practices; no net loss of feet or units managed for protection.**

**Frequently Flooded**

**52 - Sanpoil**

**Strategy/Metric Description****Accomplishment****Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

**Goal: 4 - Protect and/or enhance CARA functions**

**Benchmark: 1 - No net loss of acres managed under stewardship practices; no net loss of feet or units managed for protection.**

**Geologic Hazard**

**52 - Sanpoil**

**Strategy/Metric Description****Accomplishment****Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

**Goal: 4 - Protect and/or enhance CARA functions**  
**Benchmark: 1 - No net loss of acres managed under stewardship practices; no net loss of feet or units managed for protection.**

**Wetlands**  
**52 - Sanpoil**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

<u>Strategy/Metric Description</u>	<u>Accomplishment</u>	<u>Status</u>
Protect and/or enhance acres managed to protect shallow groundwater wells by managing chemical and nutrient input controls.	Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support CARA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following: Nutrient and Pest Management enhancement objective: 2,645 acres. Exceeded by: 5,286 acres Soil Management enhancement objective: 10 acres. Exceeded by: 516 acres Irrigation Management enhancement objective: 267 acres. Exceeded by: 2,109 acres Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.	Exceeded
Protect and/or enhance acres managed to promote natural groundwater filtration functions.	Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support CARA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following: Nutrient and Pest Management enhancement objective: 2,645 acres. Exceeded by: 5,286 acres Soil Management enhancement objective: 10 acres. Exceeded by: 516 acres Irrigation Management enhancement objective: 267 acres. Exceeded by: 2,109 acres Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.	Exceeded
Protect and/or enhance acres managed to promote hydrology functions by improving water conservation.	Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support CARA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following: Nutrient and Pest Management enhancement objective: 2,645 acres. Exceeded by: 5,286 acres Soil Management enhancement objective: 10 acres. Exceeded by: 516 acres Irrigation Management enhancement objective: 267 acres. Exceeded by: 2,109 acres Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.	Exceeded

**Benchmark Met?** Yes  No**Comments**

The key stewardship practices were identified in Table 5-6 (p.58) that support CARA function. The outcome needed for the Protection benchmark as shown in Table 5-7 (p.59) is as follows:

Nutrient and Pest Management: Protection objective: 248 acres. Exceeded by: 7,683 acres.

Soil Management: Protection objective: 3 acres. Exceeded by: 523 acres.

Irrigation Management: Protection objective: 25 acres. Exceeded by 2,351 acres.

**Adaptive Management?** Yes  No**Benchmark Monitoring**

Monitoring of 2011-2021 NRCS and Conservation District program reported data.

Sample verification (randomly selected sample of 10% of reported projects).

**Monitoring sufficient?** Yes  No

**Goal: 4 - Protect and/or enhance CARA functions**

**Benchmark: 1 - No net loss of acres managed under stewardship practices; no net loss of feet or units managed for protection.**

**Fish and Wildlife Habitat**

**58 - Middle Lake Roosevelt**

**Strategy/Metric Description****Accomplishment****Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

**Goal: 4 - Protect and/or enhance CARA functions**

**Benchmark: 1 - No net loss of acres managed under stewardship practices; no net loss of feet or units managed for protection.**

**Frequently Flooded**

**58 - Middle Lake Roosevelt**

**Strategy/Metric Description****Accomplishment****Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

**Goal: 4 - Protect and/or enhance CARA functions**

**Benchmark: 1 - No net loss of acres managed under stewardship practices; no net loss of feet or units managed for protection.**

**Geologic Hazard**

**58 - Middle Lake Roosevelt**

**Strategy/Metric Description****Accomplishment****Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

**Goal: 4 - Protect and/or enhance CARA functions**  
**Benchmark: 1 - No net loss of acres managed under stewardship practices; no net loss of feet or units managed for protection.**

**Wetlands**  
**58 - Middle Lake Roosevelt**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

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<u>Strategy/Metric Description</u>	<u>Accomplishment</u>	<u>Status</u>
Protect and/or enhance acres managed to protect shallow groundwater wells by managing chemical and nutrient input controls.	Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support CARA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following: Nutrient and Pest Management enhancement objective: 2,645 acres. Exceeded by: 5,286 acres Soil Management enhancement objective: 10 acres. Exceeded by: 516 acres Irrigation Management enhancement objective: 267 acres. Exceeded by: 2,109 acres Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.	Exceeded
Protect and/or enhance acres managed to promote natural groundwater filtration functions.	Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support CARA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following: Nutrient and Pest Management enhancement objective: 2,645 acres. Exceeded by: 5,286 acres Soil Management enhancement objective: 10 acres. Exceeded by: 516 acres Irrigation Management enhancement objective: 267 acres. Exceeded by: 2,109 acres Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.	Exceeded
Protect and/or enhance acres managed to promote hydrology functions by improving water conservation.	Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support CARA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following: Nutrient and Pest Management enhancement objective: 2,645 acres. Exceeded by: 5,286 acres Soil Management enhancement objective: 10 acres. Exceeded by: 516 acres Irrigation Management enhancement objective: 267 acres. Exceeded by: 2,109 acres Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.	Exceeded



**Benchmark Met?** Yes  No**Comments**

The key stewardship practices were identified in Table 5-6 (p.58) that support CARA function. The outcome needed for the Protection benchmark as shown in Table 5-7 (p.59) is as follows:

Nutrient and Pest Management: Protection objective: 248 acres. Exceeded by: 7,683 acres.

Soil Management: Protection objective: 3 acres. Exceeded by: 523 acres.

Irrigation Management: Protection objective: 25 acres. Exceeded by 2,351 acres.

**Adaptive Management?** Yes  No**Benchmark Monitoring**

Monitoring of 2011-2021 NRCS and Conservation District program reported data.

Sample verification (randomly selected sample of 10% of reported projects).

**Monitoring sufficient?** Yes  No

**Goal: 4 - Protect and/or enhance CARA functions**

**Benchmark: 1 - No net loss of acres managed under stewardship practices; no net loss of feet or units managed for protection.**

**Fish and Wildlife Habitat**

**60 - Kettle**

**Strategy/Metric Description****Accomplishment****Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

**Goal: 4 - Protect and/or enhance CARA functions**

**Benchmark: 1 - No net loss of acres managed under stewardship practices; no net loss of feet or units managed for protection.**

**Frequently Flooded**

**60 - Kettle**

**Strategy/Metric Description****Accomplishment****Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

**Goal: 4 - Protect and/or enhance CARA functions**

**Benchmark: 1 - No net loss of acres managed under stewardship practices; no net loss of feet or units managed for protection.**

**Geologic Hazard**

**60 - Kettle**

**Strategy/Metric Description****Accomplishment****Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

**Goal: 4 - Protect and/or enhance CARA functions**  
**Benchmark: 1 - No net loss of acres managed under stewardship practices; no net loss of feet or units managed for protection.**

**Wetlands**  
**60 - Kettle**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

**Goal: 4 - Protect and/or enhance CARA functions**

**Benchmark: 2 - Enrolled enhancement units (e.g. acres and feet) are sufficient to offset identified agricultural degradation and maintain baseline conditions, based on: -Implemented projects from 2011-2017 -Excluded protection benchmarks (estimated annual red**

**Critical Aquifer Recharge**

**52 - Sanpoil**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Protect and/or enhance acres managed to protect shallow groundwater wells by managing chemical and nutrient input controls.

Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support CARA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following:  
Nutrient and Pest Management enhancement objective: 2,645 acres. Exceeded by: 5,286 acres  
Soil Management enhancement objective: 10 acres. Exceeded by: 516 acres  
Irrigation Management enhancement objective: 267 acres. Exceeded by: 2,109 acres  
Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.

Exceeded

Protect and/or enhance acres managed to promote natural groundwater filtration functions.

Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support CARA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following:  
Nutrient and Pest Management enhancement objective: 2,645 acres. Exceeded by: 5,286 acres  
Soil Management enhancement objective: 10 acres. Exceeded by: 516 acres  
Irrigation Management enhancement objective: 267 acres. Exceeded by: 2,109 acres  
Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.

Exceeded

Protect and/or enhance acres managed to promote hydrology functions by improving water conservation.

Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support CARA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following:  
Nutrient and Pest Management enhancement objective: 2,645 acres. Exceeded by: 5,286 acres  
Soil Management enhancement objective: 10 acres. Exceeded by: 516 acres  
Irrigation Management enhancement objective: 267 acres. Exceeded by: 2,109 acres  
Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.

Exceeded

**Benchmark Met?**

Yes  No

**Comments**

The key stewardship practices were identified in Table 5-6 (p.58) that support CARA function. The outcome needed for the Enhancement benchmark as shown in Table 5-7 (p.59) is as follows:

Nutrient and Pest Management: Enhancement objective: 2,645 acres. Exceeded by: 5,286 acres  
Soil Management: Enhancement objective: 10 acres. Exceeded by: 516 acres  
Irrigation Management: Enhancement objective: 267 acres. Exceeded by: 2,109 acres

**Adaptive Management?**

Yes  No

**Benchmark Monitoring**

Monitoring of 2011-2021 NRCS and Conservation District program reported data.

Sample verification (randomly selected sample of 10% of reported projects).

**Monitoring sufficient?**

Yes  No

**Goal: 4 - Protect and/or enhance CARA functions**  
**Benchmark: 2 - Enrolled enhancement units (e.g. acres and feet) are sufficient to offset identified agricultural degradation and maintain baseline conditions, based on: -Implemented projects from 2011-2017 -Excluded protection benchmarks (estimated annual red**

**Fish and Wildlife Habitat**  
**52 - Sanpoil**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

**Goal: 4 - Protect and/or enhance CARA functions**  
**Benchmark: 2 - Enrolled enhancement units (e.g. acres and feet) are sufficient to offset identified agricultural degradation and maintain baseline conditions, based on: -Implemented projects from 2011-2017 -Excluded protection benchmarks (estimated annual red**

**Frequently Flooded**  
**52 - Sanpoil**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

**Goal: 4 - Protect and/or enhance CARA functions**  
**Benchmark: 2 - Enrolled enhancement units (e.g. acres and feet) are sufficient to offset identified agricultural degradation and maintain baseline conditions, based on: -Implemented projects from 2011-2017 -Excluded protection benchmarks (estimated annual red**

**Geologic Hazard**  
**52 - Sanpoil**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

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**Goal: 4 - Protect and/or enhance CARA functions**  
**Benchmark: 2 - Enrolled enhancement units (e.g. acres and feet) are sufficient to offset identified agricultural degradation and maintain baseline conditions, based on: -Implemented projects from 2011-2017 -Excluded protection benchmarks (estimated annual red**

**Wetlands**  
**52 - Sanpoil**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

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**Goal: 4 - Protect and/or enhance CARA functions**

**Benchmark: 2 - Enrolled enhancement units (e.g. acres and feet) are sufficient to offset identified agricultural degradation and maintain baseline conditions, based on: -Implemented projects from 2011-2017 -Excluded protection benchmarks (estimated annual red**

**Critical Aquifer Recharge**

**58 - Middle Lake Roosevelt**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Protect and/or enhance acres managed to protect shallow groundwater wells by managing chemical and nutrient input controls.

Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support CARA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following:  
Nutrient and Pest Management enhancement objective: 2,645 acres. Exceeded by: 5,286 acres  
Soil Management enhancement objective: 10 acres. Exceeded by: 516 acres  
Irrigation Management enhancement objective: 267 acres. Exceeded by: 2,109 acres  
Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.

Exceeded

Protect and/or enhance acres managed to promote natural groundwater filtration functions.

Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support CARA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following:  
Nutrient and Pest Management enhancement objective: 2,645 acres. Exceeded by: 5,286 acres  
Soil Management enhancement objective: 10 acres. Exceeded by: 516 acres  
Irrigation Management enhancement objective: 267 acres. Exceeded by: 2,109 acres  
Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.

Exceeded

Protect and/or enhance acres managed to promote hydrology functions by improving water conservation.

Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support CARA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following:  
Nutrient and Pest Management enhancement objective: 2,645 acres. Exceeded by: 5,286 acres  
Soil Management enhancement objective: 10 acres. Exceeded by: 516 acres  
Irrigation Management enhancement objective: 267 acres. Exceeded by: 2,109 acres  
Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.

Exceeded

**Benchmark Met?**      **Comments**      **Adaptive Management?**

Yes     No

The key stewardship practices were identified in Table 5-6 (p.58) that support CARA function. The outcome needed for the Enhancement benchmark as shown in Table 5-7 (p.59) is as follows:

Yes     No

Nutrient and Pest Management: Enhancement objective: 2,645 acres. Exceeded by: 5,286 acres  
 Soil Management: Enhancement objective: 10 acres. Exceeded by: 516 acres  
 Irrigation Management: Enhancement objective: 267 acres. Exceeded by: 2,109 acres

**Benchmark Monitoring**

Monitoring of 2011-2021 NRCS and Conservation District program reported data.  
 Sample verification (randomly selected sample of 10% of reported projects).

**Monitoring sufficient?**

Yes     No

**Goal: 4 - Protect and/or enhance CARA functions**  
**Benchmark: 2 - Enrolled enhancement units (e.g. acres and feet) are sufficient to offset identified agricultural degradation and maintain baseline conditions, based on: -Implemented projects from 2011-2017      -Excluded protection benchmarks (estimated annual red**

**Fish and Wildlife Habitat**  
**58 - Middle Lake Roosevelt**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

**Goal: 4 - Protect and/or enhance CARA functions**  
**Benchmark: 2 - Enrolled enhancement units (e.g. acres and feet) are sufficient to offset identified agricultural degradation and maintain baseline conditions, based on: -Implemented projects from 2011-2017      -Excluded protection benchmarks (estimated annual red**

**Frequently Flooded**  
**58 - Middle Lake Roosevelt**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

**Goal: 4 - Protect and/or enhance CARA functions**  
**Benchmark: 2 - Enrolled enhancement units (e.g. acres and feet) are sufficient to offset identified agricultural degradation and maintain baseline conditions, based on: -Implemented projects from 2011-2017 -Excluded protection benchmarks (estimated annual red**

**Geologic Hazard**  
**58 - Middle Lake Roosevelt**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

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**Goal: 4 - Protect and/or enhance CARA functions**  
**Benchmark: 2 - Enrolled enhancement units (e.g. acres and feet) are sufficient to offset identified agricultural degradation and maintain baseline conditions, based on: -Implemented projects from 2011-2017 -Excluded protection benchmarks (estimated annual red**

**Wetlands**  
**58 - Middle Lake Roosevelt**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

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**Goal: 4 - Protect and/or enhance CARA functions**

**Benchmark: 2 - Enrolled enhancement units (e.g. acres and feet) are sufficient to offset identified agricultural degradation and maintain baseline conditions, based on: -Implemented projects from 2011-2017 -Excluded protection benchmarks (estimated annual red**

**Critical Aquifer Recharge**

**60 - Kettle**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Protect and/or enhance acres managed to protect shallow groundwater wells by managing chemical and nutrient input controls.

Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support CARA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following:  
Nutrient and Pest Management enhancement objective: 2,645 acres. Exceeded by: 5,286 acres  
Soil Management enhancement objective: 10 acres. Exceeded by: 516 acres  
Irrigation Management enhancement objective: 267 acres. Exceeded by: 2,109 acres  
Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.

Exceeded

Protect and/or enhance acres managed to promote natural groundwater filtration functions.

Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support CARA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following:  
Nutrient and Pest Management enhancement objective: 2,645 acres. Exceeded by: 5,286 acres  
Soil Management enhancement objective: 10 acres. Exceeded by: 516 acres  
Irrigation Management enhancement objective: 267 acres. Exceeded by: 2,109 acres  
Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.

Exceeded

Protect and/or enhance acres managed to promote hydrology functions by improving water conservation.

Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support CARA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following:  
Nutrient and Pest Management enhancement objective: 2,645 acres. Exceeded by: 5,286 acres  
Soil Management enhancement objective: 10 acres. Exceeded by: 516 acres  
Irrigation Management enhancement objective: 267 acres. Exceeded by: 2,109 acres  
Habitat Management enhancement objective: 476 acres, 8,686 feet and 5 structures. Exceeded by: 1,082 acres, 14,326 feet and 11 structures.

Exceeded

**Benchmark Met?**

Yes  No

**Comments**

The key stewardship practices were identified in Table 5-6 (p.58) that support CARA function. The outcome needed for the Enhancement benchmark as shown in Table 5-7 (p.59) is as follows:

Nutrient and Pest Management: Enhancement objective: 2,645 acres. Exceeded by: 5,286 acres  
Soil Management: Enhancement objective: 10 acres. Exceeded by: 516 acres  
Irrigation Management: Enhancement objective: 267 acres. Exceeded by: 2,109 acres

**Adaptive Management?**

Yes  No

**Benchmark Monitoring**

Monitoring of 2011-2021 NRCS and Conservation District program reported data.

Sample verification (randomly selected sample of 10% of reported projects).

**Monitoring sufficient?**

Yes  No

**Goal: 4 - Protect and/or enhance CARA functions**  
**Benchmark: 2 - Enrolled enhancement units (e.g. acres and feet) are sufficient to offset identified agricultural degradation and maintain baseline conditions, based on: -Implemented projects from 2011-2017 -Excluded protection benchmarks (estimated annual red**

**Fish and Wildlife Habitat**  
**60 - Kettle**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

**Goal: 4 - Protect and/or enhance CARA functions**  
**Benchmark: 2 - Enrolled enhancement units (e.g. acres and feet) are sufficient to offset identified agricultural degradation and maintain baseline conditions, based on: -Implemented projects from 2011-2017 -Excluded protection benchmarks (estimated annual red**

**Frequently Flooded**  
**60 - Kettle**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

**Goal: 4 - Protect and/or enhance CARA functions**  
**Benchmark: 2 - Enrolled enhancement units (e.g. acres and feet) are sufficient to offset identified agricultural degradation and maintain baseline conditions, based on: -Implemented projects from 2011-2017 -Excluded protection benchmarks (estimated annual red**

**Geologic Hazard**  
**60 - Kettle**

<u>Strategy/Metric Description</u>	<u>Accomplishment</u>	<u>Status</u>
Goal and Benchmark do not apply to this Critical Area.		N/A
Goal and Benchmark do not apply to this Critical Area.		N/A

**Goal: 4 - Protect and/or enhance CARA functions**  
**Benchmark: 2 - Enrolled enhancement units (e.g. acres and feet) are sufficient to offset identified agricultural degradation and maintain baseline conditions, based on: -Implemented projects from 2011-2017 -Excluded protection benchmarks (estimated annual red**

**Wetlands**  
**60 - Kettle**

<u>Strategy/Metric Description</u>	<u>Accomplishment</u>	<u>Status</u>
Goal and Benchmark do not apply to this Critical Area.		N/A

**Goal: 5 - Protect and/or enhance GHA (erosion hazard) functions**  
**Benchmark: 1 - No net loss of acres managed under stewardship practices; no net loss of feet or units managed for protection.**

**Critical Aquifer Recharge**  
**52 - Sanpoil**

<u>Strategy/Metric Description</u>	<u>Accomplishment</u>	<u>Status</u>
Goal and Benchmark do not apply to this Critical Area.		N/A

**Goal: 5 - Protect and/or enhance GHA (erosion hazard) functions**  
**Benchmark: 1 - No net loss of acres managed under stewardship practices; no net loss of feet or units managed for protection.**

**Fish and Wildlife Habitat**  
**52 - Sanpoil**

<u>Strategy/Metric Description</u>	<u>Accomplishment</u>	<u>Status</u>
Goal and Benchmark do not apply to this Critical Area.		N/A

**Goal: 5 - Protect and/or enhance GHA (erosion hazard) functions**  
**Benchmark: 1 - No net loss of acres managed under stewardship practices; no net loss of feet or units managed for protection.**

**Frequently Flooded**  
**52 - Sanpoil**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

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**Goal: 5 - Protect and/or enhance GHA (erosion hazard) functions**  
**Benchmark: 1 - No net loss of acres managed under stewardship practices; no net loss of feet or units managed for protection.**

**Geologic Hazard**  
**52 - Sanpoil**

**Strategy/Metric Description**

Protect and/or enhance acres managed using strategies that promote water quality, hydrology, soil, and habitat functions by reducing erosion and wildfire risk and improving water storage and filtration.

**Accomplishment**

Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support GHA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following:  
 Livestock/Range Management enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities.  
 Forest Understory Management enhancement objective: 445 acres. Exceeded by: 1,974 acres  
 Nutrient and Pest Management enhancement objective: 2,645 acres. Exceeded by: 5,286 acres  
 Soil Management enhancement objective: 10 acres. Exceeded by: 516 acres  
 Irrigation Management enhancement objective: 267 acres. Exceeded by: 2,109 acres

**Status**

Exceeded

**Benchmark Met?**

Yes     No

**Comments**

The key stewardship practices were identified in Table 5-6 (p.58) that support GHA function. The outcome needed for the Protection benchmark as shown in Table 5-7 (p.59) is as follows:

Livestock/Range Management: Protection objective: 2,666 acres, 1.2 watering facilities. Exceeded by: 27,803 acres and 36.8 watering facilities.  
 Forest Understory Management: Protection objective: 42 acres. Exceeded by: 2,350 acres  
 Nutrient and Pest Management: Protection objective: 248 acres. Exceeded by: 7,683 acres.  
 Soil Management: Protection objective: 3 acres. Exceeded by: 523 acres.  
 Irrigation Management: Protection objective: 25 acres. Exceeded by 2,351 acres.

**Adaptive Management?**

Yes     No

**Benchmark Monitoring**

Monitoring of 2011-2021 NRCS and Conservation District program reported data.  
 Sample verification (randomly selected sample of 10% of reported projects).

**Monitoring sufficient?**

Yes     No

**Goal: 5 - Protect and/or enhance GHA (erosion hazard) functions**  
**Benchmark: 1 - No net loss of acres managed under stewardship practices; no net loss of feet or units managed for protection.**

**Wetlands**  
**52 - Sanpoil**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

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**Goal: 5 - Protect and/or enhance GHA (erosion hazard) functions**  
**Benchmark: 1 - No net loss of acres managed under stewardship practices; no net loss of feet or units managed for protection.**

**Critical Aquifer Recharge**  
**58 - Middle Lake Roosevelt**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

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**Goal: 5 - Protect and/or enhance GHA (erosion hazard) functions**  
**Benchmark: 1 - No net loss of acres managed under stewardship practices; no net loss of feet or units managed for protection.**

**Fish and Wildlife Habitat**  
**58 - Middle Lake Roosevelt**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

---

**Goal: 5 - Protect and/or enhance GHA (erosion hazard) functions**  
**Benchmark: 1 - No net loss of acres managed under stewardship practices; no net loss of feet or units managed for protection.**

**Frequently Flooded**  
**58 - Middle Lake Roosevelt**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

---

**Goal: 5 - Protect and/or enhance GHA (erosion hazard) functions**  
**Benchmark: 1 - No net loss of acres managed under stewardship practices; no net loss of feet or units managed for protection.**

**Geologic Hazard**  
**58 - Middle Lake Roosevelt**

**Strategy/Metric Description**

Protect and/or enhance acres managed using strategies that promote water quality, hydrology, soil, and habitat functions by reducing erosion and wildfire risk and improving water storage and filtration.

**Accomplishment**

Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support GHA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following:  
 Livestock/Range Management enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities.  
 Forest Understory Management enhancement objective: 445 acres. Exceeded by: 1,974 acres  
 Nutrient and Pest Management enhancement objective: 2,645 acres. Exceeded by: 5,286 acres  
 Soil Management enhancement objective: 10 acres. Exceeded by: 516 acres  
 Irrigation Management enhancement objective: 267 acres. Exceeded by: 2,109 acres

**Status**

Exceeded

**Benchmark Met?**

Yes     No

**Comments**

The key stewardship practices were identified in Table 5-6 (p.58) that support GHA function. The outcome needed for the Protection benchmark as shown in Table 5-7 (p.59) is as follows:

Livestock/Range Management: Protection objective: 2,666 acres, 1.2 watering facilities. Exceeded by: 27,803 acres and 36.8 watering facilities.  
 Forest Understory Management: Protection objective: 42 acres. Exceeded by: 2,350 acres  
 Nutrient and Pest Management: Protection objective: 248 acres. Exceeded by: 7,683 acres.  
 Soil Management: Protection objective: 3 acres. Exceeded by: 523 acres.  
 Irrigation Management: Protection objective: 25 acres. Exceeded by 2,351 acres.

**Adaptive Management?**

Yes     No

**Benchmark Monitoring**

Monitoring of 2011-2021 NRCS and Conservation District program reported data.  
 Sample verification (randomly selected sample of 10% of reported projects).

**Monitoring sufficient?**

Yes     No

**Goal: 5 - Protect and/or enhance GHA (erosion hazard) functions**  
**Benchmark: 1 - No net loss of acres managed under stewardship practices; no net loss of feet or units managed for protection.**

**Wetlands**  
**58 - Middle Lake Roosevelt**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

---

**Goal: 5 - Protect and/or enhance GHA (erosion hazard) functions**  
**Benchmark: 1 - No net loss of acres managed under stewardship practices; no net loss of feet or units managed for protection.**

**Critical Aquifer Recharge**  
**60 - Kettle**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

Goal and Benchmark do not apply to this Critical Area.

---

**Goal: 5 - Protect and/or enhance GHA (erosion hazard) functions**  
**Benchmark: 1 - No net loss of acres managed under stewardship practices; no net loss of feet or units managed for protection.**

**Fish and Wildlife Habitat**  
**60 - Kettle**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

---

N/A

**Goal: 5 - Protect and/or enhance GHA (erosion hazard) functions**  
**Benchmark: 1 - No net loss of acres managed under stewardship practices; no net loss of feet or units managed for protection.**

**Frequently Flooded**  
**60 - Kettle**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

---

N/A



**Goal: 5 - Protect and/or enhance GHA (erosion hazard) functions**  
**Benchmark: 1 - No net loss of acres managed under stewardship practices; no net loss of feet or units managed for protection.**

**Geologic Hazard**  
**60 - Kettle**

**Strategy/Metric Description**

Protect and/or enhance acres managed using strategies that promote water quality, hydrology, soil, and habitat functions by reducing erosion and wildfire risk and improving water storage and filtration.

**Accomplishment**

Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support GHA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following:  
 Livestock/Range Management enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities.  
 Forest Understory Management enhancement objective: 445 acres. Exceeded by: 1,974 acres  
 Nutrient and Pest Management enhancement objective: 2,645 acres. Exceeded by: 5,286 acres  
 Soil Management enhancement objective: 10 acres. Exceeded by: 516 acres  
 Irrigation Management enhancement objective: 267 acres. Exceeded by: 2,109 acres

**Status**

Exceeded

**Benchmark Met?**

Yes     No

**Comments**

The key stewardship practices were identified in Table 5-6 (p.58) that support GHA function. The outcome needed for the Protection benchmark as shown in Table 5-7 (p.59) is as follows:

Livestock/Range Management: Protection objective: 2,666 acres, 1.2 watering facilities. Exceeded by: 27,803 acres and 36.8 watering facilities.  
 Forest Understory Management: Protection objective: 42 acres. Exceeded by: 2,350 acres  
 Nutrient and Pest Management: Protection objective: 248 acres. Exceeded by: 7,683 acres.  
 Soil Management: Protection objective: 3 acres. Exceeded by: 523 acres.  
 Irrigation Management: Protection objective: 25 acres. Exceeded by 2,351 acres.

**Adaptive Management?**

Yes     No

**Benchmark Monitoring**

Monitoring of 2011-2021 NRCS and Conservation District program reported data.  
 Sample verification (randomly selected sample of 10% of reported projects).

**Monitoring sufficient?**

Yes     No

**Goal: 5 - Protect and/or enhance GHA (erosion hazard) functions**  
**Benchmark: 1 - No net loss of acres managed under stewardship practices; no net loss of feet or units managed for protection.**

**Wetlands**  
**60 - Kettle**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

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**Goal: 5 - Protect and/or enhance GHA (erosion hazard) functions**  
**Benchmark: 2 - Enrolled enhancement units (e.g. acres and feet) are sufficient to offset identified agricultural degradation and maintain baseline conditions, based on: -Implemented projects from 2011-2017 -Excluded protection benchmarks (estimated annual red**

**Critical Aquifer Recharge**  
**52 - Sanpoil**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

Goal and Benchmark do not apply to this Critical Area.

N/A

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**Goal: 5 - Protect and/or enhance GHA (erosion hazard) functions**  
**Benchmark: 2 - Enrolled enhancement units (e.g. acres and feet) are sufficient to offset identified agricultural degradation and maintain baseline conditions, based on: -Implemented projects from 2011-2017 -Excluded protection benchmarks (estimated annual red**

**Fish and Wildlife Habitat**  
**52 - Sanpoil**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

---

**Goal: 5 - Protect and/or enhance GHA (erosion hazard) functions**  
**Benchmark: 2 - Enrolled enhancement units (e.g. acres and feet) are sufficient to offset identified agricultural degradation and maintain baseline conditions, based on: -Implemented projects from 2011-2017 -Excluded protection benchmarks (estimated annual red**

**Frequently Flooded**  
**52 - Sanpoil**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

---

**Goal: 5 - Protect and/or enhance GHA (erosion hazard) functions**  
**Benchmark: 2 - Enrolled enhancement units (e.g. acres and feet) are sufficient to offset identified agricultural degradation and maintain baseline conditions, based on: -Implemented projects from 2011-2017 -Excluded protection benchmarks (estimated annual red**

**Geologic Hazard**  
**52 - Sanpoil**

**Strategy/Metric Description**

Protect and/or enhance acres managed using strategies that promote water quality, hydrology, soil, and habitat functions by reducing erosion and wildfire risk and improving water storage and filtration.

**Accomplishment**

Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support GHA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following:  
 Livestock/Range Management enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities.  
 Forest Understory Management enhancement objective: 445 acres. Exceeded by: 1,974 acres  
 Nutrient and Pest Management enhancement objective: 2,645 acres. Exceeded by: 5,286 acres  
 Soil Management enhancement objective: 10 acres. Exceeded by: 516 acres  
 Irrigation Management enhancement objective: 267 acres. Exceeded by: 2,109 acres

**Status**

Exceeded

**Benchmark Met?**

Yes  No

**Comments**

The key stewardship practices were identified in Table 5-6 (p.58) that support GHA function. The outcome needed for the Enhancement benchmark as shown in Table 5-7 (p.59) is as follows:

Livestock/Range Management: Enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities.  
 Forest Understory Management: Enhancement objective: 445 acres. Exceeded by: 1,974 acres  
 Nutrient and Pest Management: Enhancement objective: 2,645 acres. Exceeded by: 5,286 acres  
 Soil Management: Enhancement objective: 10 acres. Exceeded by: 516 acres  
 Irrigation Management: Enhancement objective: 267 acres. Exceeded by: 2,109 acres

**Adaptive Management?**

Yes  No

**Benchmark Monitoring**

Monitoring of 2011-2021 NRCS and Conservation District program reported data.  
 Sample verification (randomly selected sample of 10% of reported projects).

**Monitoring sufficient?**

Yes  No

**Goal: 5 - Protect and/or enhance GHA (erosion hazard) functions**  
**Benchmark: 2 - Enrolled enhancement units (e.g. acres and feet) are sufficient to offset identified agricultural degradation and maintain baseline conditions, based on: -Implemented projects from 2011-2017 -Excluded protection benchmarks (estimated annual red**

**Wetlands**  
**52 - Sanpoil**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

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**Goal: 5 - Protect and/or enhance GHA (erosion hazard) functions**  
**Benchmark: 2 - Enrolled enhancement units (e.g. acres and feet) are sufficient to offset identified agricultural degradation and maintain baseline conditions, based on: -Implemented projects from 2011-2017 -Excluded protection benchmarks (estimated annual red**

**Critical Aquifer Recharge**  
**58 - Middle Lake Roosevelt**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

---

**Goal: 5 - Protect and/or enhance GHA (erosion hazard) functions**  
**Benchmark: 2 - Enrolled enhancement units (e.g. acres and feet) are sufficient to offset identified agricultural degradation and maintain baseline conditions, based on: -Implemented projects from 2011-2017 -Excluded protection benchmarks (estimated annual red**

**Fish and Wildlife Habitat**  
**58 - Middle Lake Roosevelt**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

---

**Goal: 5 - Protect and/or enhance GHA (erosion hazard) functions**  
**Benchmark: 2 - Enrolled enhancement units (e.g. acres and feet) are sufficient to offset identified agricultural degradation and maintain baseline conditions, based on: -Implemented projects from 2011-2017 -Excluded protection benchmarks (estimated annual red**

**Frequently Flooded**  
**58 - Middle Lake Roosevelt**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

---

**Goal: 5 - Protect and/or enhance GHA (erosion hazard) functions**  
**Benchmark: 2 - Enrolled enhancement units (e.g. acres and feet) are sufficient to offset identified agricultural degradation and maintain baseline conditions, based on: -Implemented projects from 2011-2017 -Excluded protection benchmarks (estimated annual red**

**Geologic Hazard**  
**58 - Middle Lake Roosevelt**

**Strategy/Metric Description**

Protect and/or enhance acres managed using strategies that promote water quality, hydrology, soil, and habitat functions by reducing erosion and wildfire risk and improving water storage and filtration.

**Accomplishment**

Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support GHA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following:  
 Livestock/Range Management enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities.  
 Forest Understory Management enhancement objective: 445 acres. Exceeded by: 1,974 acres  
 Nutrient and Pest Management enhancement objective: 2,645 acres. Exceeded by: 5,286 acres  
 Soil Management enhancement objective: 10 acres. Exceeded by: 516 acres  
 Irrigation Management enhancement objective: 267 acres. Exceeded by: 2,109 acres

**Status**

Exceeded

**Benchmark Met?**

Yes  No

**Comments**

The key stewardship practices were identified in Table 5-6 (p.58) that support GHA function. The outcome needed for the Enhancement benchmark as shown in Table 5-7 (p.59) is as follows:

Livestock/Range Management: Enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities.  
 Forest Understory Management: Enhancement objective: 445 acres. Exceeded by: 1,974 acres  
 Nutrient and Pest Management: Enhancement objective: 2,645 acres. Exceeded by: 5,286 acres  
 Soil Management: Enhancement objective: 10 acres. Exceeded by: 516 acres  
 Irrigation Management: Enhancement objective: 267 acres. Exceeded by: 2,109 acres

**Adaptive Management?**

Yes  No

**Benchmark Monitoring**

Monitoring of 2011-2021 NRCS and Conservation District program reported data.  
 Sample verification (randomly selected sample of 10% of reported projects).

**Monitoring sufficient?**

Yes  No

**Goal: 5 - Protect and/or enhance GHA (erosion hazard) functions**  
**Benchmark: 2 - Enrolled enhancement units (e.g. acres and feet) are sufficient to offset identified agricultural degradation and maintain baseline conditions, based on: -Implemented projects from 2011-2017 -Excluded protection benchmarks (estimated annual red**

**Wetlands**  
**58 - Middle Lake Roosevelt**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

**Goal: 5 - Protect and/or enhance GHA (erosion hazard) functions**  
**Benchmark: 2 - Enrolled enhancement units (e.g. acres and feet) are sufficient to offset identified agricultural degradation and maintain baseline conditions, based on: -Implemented projects from 2011-2017 -Excluded protection benchmarks (estimated annual red**

**Critical Aquifer Recharge**  
**60 - Kettle**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

**Goal: 5 - Protect and/or enhance GHA (erosion hazard) functions**  
**Benchmark: 2 - Enrolled enhancement units (e.g. acres and feet) are sufficient to offset identified agricultural degradation and maintain baseline conditions, based on: -Implemented projects from 2011-2017 -Excluded protection benchmarks (estimated annual red**

**Fish and Wildlife Habitat**  
**60 - Kettle**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

**Goal: 5 - Protect and/or enhance GHA (erosion hazard) functions**  
**Benchmark: 2 - Enrolled enhancement units (e.g. acres and feet) are sufficient to offset identified agricultural degradation and maintain baseline conditions, based on: -Implemented projects from 2011-2017 -Excluded protection benchmarks (estimated annual red**

**Frequently Flooded**  
**60 - Kettle**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

Goal and Benchmark do not apply to this Critical Area.

N/A

**Goal: 5 - Protect and/or enhance GHA (erosion hazard) functions**  
**Benchmark: 2 - Enrolled enhancement units (e.g. acres and feet) are sufficient to offset identified agricultural degradation and maintain baseline conditions, based on: -Implemented projects from 2011-2017 -Excluded protection benchmarks (estimated annual red**

**Geologic Hazard**  
**60 - Kettle**

**Strategy/Metric Description**

Protect and/or enhance acres managed using strategies that promote water quality, hydrology, soil, and habitat functions by reducing erosion and wildfire risk and improving water storage and filtration.

**Accomplishment**

Key stewardship practices were identified in Table 5-6 (p. 58) of the plan that support GHA function. The protection and enhancement benchmarks were exceeded as defined in Table 5-7 (p.59) of the plan. The practices exceeded the enhancement objective by the following:  
 Livestock/Range Management enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities.  
 Forest Understory Management enhancement objective: 445 acres. Exceeded by: 1,974 acres  
 Nutrient and Pest Management enhancement objective: 2,645 acres. Exceeded by: 5,286 acres  
 Soil Management enhancement objective: 10 acres. Exceeded by: 516 acres  
 Irrigation Management enhancement objective: 267 acres. Exceeded by: 2,109 acres

**Status**

Exceeded

**Benchmark Met?**

Yes  No

**Comments**

The key stewardship practices were identified in Table 5-6 (p.58) that support GHA function. The outcome needed for the Enhancement benchmark as shown in Table 5-7 (p.59) is as follows:

Livestock/Range Management: Enhancement objective: 10,633 acres, 13 watering facilities. Exceeded by: 19,806 acres and 25 watering facilities.  
 Forest Understory Management: Enhancement objective: 445 acres. Exceeded by: 1,974 acres  
 Nutrient and Pest Management: Enhancement objective: 2,645 acres. Exceeded by: 5,286 acres  
 Soil Management: Enhancement objective: 10 acres. Exceeded by: 516 acres  
 Irrigation Management: Enhancement objective: 267 acres. Exceeded by: 2,109 acres

**Adaptive Management?**

Yes  No

**Benchmark Monitoring**

Monitoring of 2011-2021 NRCS and Conservation District program reported data.  
 Sample verification (randomly selected sample of 10% of reported projects).

**Monitoring sufficient?**

Yes  No

**Goal: 5 - Protect and/or enhance GHA (erosion hazard) functions**  
**Benchmark: 2 - Enrolled enhancement units (e.g. acres and feet) are sufficient to offset identified agricultural degradation and maintain baseline conditions, based on: -Implemented projects from 2011-2017 -Excluded protection benchmarks (estimated annual red**

**Wetlands**  
**60 - Kettle**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Goal and Benchmark do not apply to this Critical Area.

N/A

**Goal Results**

**Goal: 1 - Protect and/or enhance wetland functions**

**Wetlands**  
**52 - Sanpoil**

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No

**Goal: 1 - Protect and/or enhance wetland functions**

**Wetlands**  
**58 - Middle Lake Roosevelt**

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No

**Goal: 1 - Protect and/or enhance wetland functions**

**Wetlands**  
**60 - Kettle**

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No

**Goal: 1 - Protect and/or enhance wetland functions**

**Critical Aquifer Recharge**  
**52 - Sanpoil**

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No

**Goal: 1 - Protect and/or enhance wetland functions**

**Critical Aquifer Recharge**  
**58 - Middle Lake Roosevelt**

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No

**Goal: 1 - Protect and/or enhance wetland functions**

**Critical Aquifer Recharge**  
**60 - Kettle**

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No



**Goal: 1 - Protect and/or enhance wetland functions**

**Frequently Flooded  
52 - Sanpoil**

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No

**Goal: 1 - Protect and/or enhance wetland functions**

**Frequently Flooded  
58 - Middle Lake Roosevelt**

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No

**Goal: 1 - Protect and/or enhance wetland functions**

**Frequently Flooded  
60 - Kettle**

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No

**Goal: 1 - Protect and/or enhance wetland functions**

**Geologic Hazard  
52 - Sanpoil**

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No

**Goal: 1 - Protect and/or enhance wetland functions**

**Geologic Hazard  
58 - Middle Lake Roosevelt**

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No

**Goal: 1 - Protect and/or enhance wetland functions**

**Geologic Hazard  
60 - Kettle**

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No

**Goal: 1 - Protect and/or enhance wetland functions**

**Fish and Wildlife Habitat  
52 - Sanpoil**

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No

**Goal: 1 - Protect and/or enhance wetland functions**

**Fish and Wildlife Habitat  
58 - Middle Lake Roosevelt**

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No

**Goal: 1 - Protect and/or enhance wetland functions**

**Fish and Wildlife Habitat  
60 - Kettle**

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No

**Goal: 2 - Protect and/or enhance FWHCA functions**

**Wetlands  
52 - Sanpoil**

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No

**Goal: 2 - Protect and/or enhance FWHCA functions**

**Wetlands  
58 - Middle Lake Roosevelt**

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No

**Goal: 2 - Protect and/or enhance FWHCA functions**

**Wetlands  
60 - Kettle**

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No

**Goal: 2 - Protect and/or enhance FWHCA functions**

**Critical Aquifer Recharge  
52 - Sanpoil**

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No

**Goal: 2 - Protect and/or enhance FWHCA functions**

**Critical Aquifer Recharge  
58 - Middle Lake Roosevelt**

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No

**Goal: 2 - Protect and/or enhance FWHCA functions**

**Critical Aquifer Recharge  
60 - Kettle**

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No

**Goal: 2 - Protect and/or enhance FWHCA functions**

**Frequently Flooded  
52 - Sanpoil**

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No

**Goal: 2 - Protect and/or enhance FWHCA functions**

**Frequently Flooded  
58 - Middle Lake Roosevelt**

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No

**Goal: 2 - Protect and/or enhance FWHCA functions**

**Frequently Flooded  
60 - Kettle**

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No

**Goal: 2 - Protect and/or enhance FWHCA functions**

**Geologic Hazard  
52 - Sanpoil**

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No

**Goal: 2 - Protect and/or enhance FWHCA functions**

**Geologic Hazard  
58 - Middle Lake Roosevelt**

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No

**Goal: 2 - Protect and/or enhance FWHCA functions**

**Geologic Hazard  
60 - Kettle**

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No

**Goal: 2 - Protect and/or enhance FWHCA functions**

**Fish and Wildlife Habitat  
52 - Sanpoil**

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No

**Goal: 2 - Protect and/or enhance FWHCA functions**

**Fish and Wildlife Habitat  
58 - Middle Lake Roosevelt**

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No

**Goal: 2 - Protect and/or enhance FWHCA functions**

**Fish and Wildlife Habitat  
60 - Kettle**

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No

**Goal: 3 - Protect and/or enhance FFA functions**

**Wetlands**  
52 - Sanpoil

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No

**Goal: 3 - Protect and/or enhance FFA functions**

**Wetlands**  
58 - Middle Lake Roosevelt

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No

**Goal: 3 - Protect and/or enhance FFA functions**

**Wetlands**  
60 - Kettle

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No

**Goal: 3 - Protect and/or enhance FFA functions**

**Critical Aquifer Recharge**  
52 - Sanpoil

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No

**Goal: 3 - Protect and/or enhance FFA functions**

**Critical Aquifer Recharge**  
58 - Middle Lake Roosevelt

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No

**Goal: 3 - Protect and/or enhance FFA functions**

**Critical Aquifer Recharge**  
60 - Kettle

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No

**Goal: 3 - Protect and/or enhance FFA functions**

**Frequently Flooded**  
52 - Sanpoil

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No

**Goal: 3 - Protect and/or enhance FFA functions**

**Frequently Flooded**  
58 - Middle Lake Roosevelt

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No

**Goal: 3 - Protect and/or enhance FFA functions**

**Frequently Flooded  
60 - Kettle**

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No

**Goal: 3 - Protect and/or enhance FFA functions**

**Geologic Hazard  
52 - Sanpoil**

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No

**Goal: 3 - Protect and/or enhance FFA functions**

**Geologic Hazard  
58 - Middle Lake Roosevelt**

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No

**Goal: 3 - Protect and/or enhance FFA functions**

**Geologic Hazard  
60 - Kettle**

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No

**Goal: 3 - Protect and/or enhance FFA functions**

**Fish and Wildlife Habitat  
52 - Sanpoil**

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No

**Goal: 3 - Protect and/or enhance FFA functions**

**Fish and Wildlife Habitat  
58 - Middle Lake Roosevelt**

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No

**Goal: 3 - Protect and/or enhance FFA functions**

**Fish and Wildlife Habitat  
60 - Kettle**

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No

**Goal: 4 - Protect and/or enhance CARA functions**

**Wetlands  
52 - Sanpoil**

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No

**Goal: 4 - Protect and/or enhance CARA functions**

**Wetlands**

**58 - Middle Lake Roosevelt**

**Goal Met?**

**Comments**

Yes  No

Protection and enhancement benchmarks were met.

**Adaptive Management?**

Yes  No

**Goal: 4 - Protect and/or enhance CARA functions**

**Wetlands**

**60 - Kettle**

**Goal Met?**

**Comments**

Yes  No

Protection and enhancement benchmarks were met.

**Adaptive Management?**

Yes  No

**Goal: 4 - Protect and/or enhance CARA functions**

**Critical Aquifer Recharge**

**52 - Sanpoil**

**Goal Met?**

**Comments**

Yes  No

Protection and enhancement benchmarks were met.

**Adaptive Management?**

Yes  No

**Goal: 4 - Protect and/or enhance CARA functions**

**Critical Aquifer Recharge**

**58 - Middle Lake Roosevelt**

**Goal Met?**

**Comments**

Yes  No

Protection and enhancement benchmarks were met.

**Adaptive Management?**

Yes  No

**Goal: 4 - Protect and/or enhance CARA functions**

**Critical Aquifer Recharge**

**60 - Kettle**

**Goal Met?**

**Comments**

Yes  No

Protection and enhancement benchmarks were met.

**Adaptive Management?**

Yes  No

**Goal: 4 - Protect and/or enhance CARA functions**

**Frequently Flooded**

**52 - Sanpoil**

**Goal Met?**

**Comments**

Yes  No

Protection and enhancement benchmarks were met.

**Adaptive Management?**

Yes  No

**Goal: 4 - Protect and/or enhance CARA functions**

**Frequently Flooded**

**58 - Middle Lake Roosevelt**

**Goal Met?**

**Comments**

Yes  No

Protection and enhancement benchmarks were met.

**Adaptive Management?**

Yes  No

**Goal: 4 - Protect and/or enhance CARA functions**

**Frequently Flooded**

**60 - Kettle**

**Goal Met?**

**Comments**

Yes  No

Protection and enhancement benchmarks were met.

**Adaptive Management?**

Yes  No

Goal: 4 - Protect and/or enhance CARA functions

Geologic Hazard  
52 - Sanpoil

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No

Goal: 4 - Protect and/or enhance CARA functions

Geologic Hazard  
58 - Middle Lake Roosevelt

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No

Goal: 4 - Protect and/or enhance CARA functions

Geologic Hazard  
60 - Kettle

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No

Goal: 4 - Protect and/or enhance CARA functions

Fish and Wildlife Habitat  
52 - Sanpoil

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No

Goal: 4 - Protect and/or enhance CARA functions

Fish and Wildlife Habitat  
58 - Middle Lake Roosevelt

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No

Goal: 4 - Protect and/or enhance CARA functions

Fish and Wildlife Habitat  
60 - Kettle

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No

Goal: 5 - Protect and/or enhance GHA (erosion hazard) functions

Wetlands  
52 - Sanpoil

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No

Goal: 5 - Protect and/or enhance GHA (erosion hazard) functions

Wetlands  
58 - Middle Lake Roosevelt

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No

**Goal: 5 - Protect and/or enhance GHA (erosion hazard) functions**

**Wetlands  
60 - Kettle**

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No

**Goal: 5 - Protect and/or enhance GHA (erosion hazard) functions**

**Critical Aquifer Recharge  
52 - Sanpoil**

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No

**Goal: 5 - Protect and/or enhance GHA (erosion hazard) functions**

**Critical Aquifer Recharge  
58 - Middle Lake Roosevelt**

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No

**Goal: 5 - Protect and/or enhance GHA (erosion hazard) functions**

**Critical Aquifer Recharge  
60 - Kettle**

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No

**Goal: 5 - Protect and/or enhance GHA (erosion hazard) functions**

**Frequently Flooded  
52 - Sanpoil**

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No

**Goal: 5 - Protect and/or enhance GHA (erosion hazard) functions**

**Frequently Flooded  
58 - Middle Lake Roosevelt**

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No

**Goal: 5 - Protect and/or enhance GHA (erosion hazard) functions**

**Frequently Flooded  
60 - Kettle**

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No

**Goal: 5 - Protect and/or enhance GHA (erosion hazard) functions**

**Geologic Hazard  
52 - Sanpoil**

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No



**Goal: 5 - Protect and/or enhance GHA (erosion hazard) functions**

**Geologic Hazard  
58 - Middle Lake Roosevelt**

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No

**Goal: 5 - Protect and/or enhance GHA (erosion hazard) functions**

**Geologic Hazard  
60 - Kettle**

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No

**Goal: 5 - Protect and/or enhance GHA (erosion hazard) functions**

**Fish and Wildlife Habitat  
52 - Sanpoil**

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No

**Goal: 5 - Protect and/or enhance GHA (erosion hazard) functions**

**Fish and Wildlife Habitat  
58 - Middle Lake Roosevelt**

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No

**Goal: 5 - Protect and/or enhance GHA (erosion hazard) functions**

**Fish and Wildlife Habitat  
60 - Kettle**

**Goal Met?**

**Comments**

**Adaptive Management?**

Yes  No

Protection and enhancement benchmarks were met.

Yes  No

**Participation Strategies and Performance Metrics**

**Enter your best estimate of the number of Producers in the County watersheds:**

178

**Goal: 6 - Promote producer participation in voluntary stewardship of agricultural lands and critical areas to meet the protection and/or enhancement benchmarks and protect critical area functions and values at a County-wide watershed level.**

**Benchmark: 3 - Sufficient active participation by commercial and non-commercial agricultural operators (farmers and ranchers) over 10 years that achieves the protection of critical area functions and values at a County-wide watershed level.**

**Strategy/Metric Description**

**Accomplishment**

**Status**

Measured by the number of units reported for key stewardship practices, number of VSP checklists submitted and sufficient producer participation necessary to meet protection and enhancement benchmarks.

The key stewardship practices (identified to support critical area values and functions in Table-5-6 (p.58)) of Livestock/Range Management, Forest Understory Management, Nutrient and Pest Management, Soil Management, Irrigation Management and Habitat Management had a total of 44,735 acres, 54

Met

facilities/structures and 23,012 feet implemented which met protection and enhancement benchmarks in WRIAs 60,53,58,51 and 52. There were 11 VSP Checklists submitted.

**Goal: 6 - Promote producer participation in voluntary stewardship of agricultural lands and critical areas to meet the protection and/or enhancement benchmarks and protect critical area functions and values at a County-wide watershed level.**

**Benchmark: 4 - Passive participation by commercial and non-commercial agricultural land (including but not limited to those listed in Table 5-6 (p.58) and Appendix C, Attachment 2 (p C.2-1)).**

**Strategy/Metric Description**

Measured through mapping and aerial photo evaluation and/or rapid watershed assessment of practices in place and random sampling of farmers and ranchers in the field by technical assistance providers with willing landowners.

**Accomplishment**

Of the 178 agricultural producers, 34 reside outside the county. The FCD has 14 site visits since the VSP Plan was approved in 2018. NRCS also inspects the practices they fund. The majority of the agricultural land in the County is visible from public roads and concentrated in relatively small areas. Rapid watershed assessments were done to verify practices on these areas. The County has a high rate of participation in conservation activities that are both cost-shared and self-funded.

The COVID-19 pandemic impacted the ability to make site visits and verify practices. The local health department asked that very conservative measures be observed. This was due to the fact that Ferry County has very limited medical facilities and patients would have to be transported to Spokane 110 to 150 miles away.

**Status**

Met

**Goal: 6 - Promote producer participation in voluntary stewardship of agricultural lands and critical areas to meet the protection and/or enhancement benchmarks and protect critical area functions and values at a County-wide watershed level.**

**Benchmark: 5 - Technical assistance and outreach is provided to agricultural producers to encourage stewardship practices and VSP participation.**

<u>Strategy/Metric Description</u>	<u>Accomplishment</u>	<u>Status</u>
Technical assistance and outreach is provided to agricultural producers to encourage stewardship practices and VSP participation.	<p>In-person events are the key to outreach in the county. The Ferry CD maintains a booth at the Ferry County Fair which is one of the more popular fairs in eastern Washington, attended by around 1500 people per day, and VSP was the focus of the exhibits in 2019. The FCD also hosts a spring Conservation Fair that is attended by 100 to 150 people with VSP again being the centerpiece in 2019. There have been three newsletter mailings to promote VSP which went to over 1200 people each time. An advertisement called "Fun Ag Facts" has been placed each week to promote VSP in the local weekly newspaper with a circulation of over 700. Staff made calls to 26 key producers to give direct information about VSP.</p> <p>The COVID-19 pandemic caused the cancellation of the 2020 Spring Conservation Fair, County Fair and three "Saturday Moring Live" events that were geared toward VSP. Presenters would have been Dr. Patricia Talcott of WSU, Guy Gifford of DNR and Ken Bevis of DNR. There was also a joint event with the Weed Board that was cancelled. Ferry County also has very little internet and cell phone coverage which hinders outreach.</p>	Met

**Goal: 7 - Data Entry Error**

**Benchmark: 3 - Sufficient active participation by commercial and non-commercial agricultural operators (farmers and ranchers) over 10 years that achieves the protection of critical area functions and values at a County-wide watershed level.**

<u>Strategy/Metric Description</u>	<u>Accomplishment</u>	<u>Status</u>
Data entry error	Data entry error	N/A

**Goal: 8 - Data Entry Error**

**Benchmark: 3 - Sufficient active participation by commercial and non-commercial agricultural operators (farmers and ranchers) over 10 years that achieves the protection of critical area functions and values at a County-wide watershed level.**

<u>Strategy/Metric Description</u>	<u>Accomplishment</u>	<u>Status</u>
Data entry error	Data entry error	N/A

## Critical Area Monitoring

**Monitoring Activity: Ecology 303(d) water quality tools to assess changes in Category 2 through 5 listings (2018 to 2021)**

**Included Critical Area(s):**

- Wetlands
- Critical Aquifer Recharge
- Frequently Flooded
- Geologic Hazard
- Fish and Wildlife Habitat Conservation Areas

Type of data

Timeframe/season for field sampling or data collection (e.g., summer only, annually, monthly)

Desired accuracy of the Analysis  Observed mean

Number of samples drawn from existing data  Observed standard deviation

What statistical test was performed? (Ex. t-test, ANOVA, time series, regression, etc.)

Is the observation statistically significant?  Yes  No

Did the underlying data meet statistical test assumptions (e.g., normality)?  Yes  No

Briefly describe the outcome of the monitoring and why VSP implementation/lack of implementation contributed to the observations

Water quality data from the Washington Department of Ecology was examined for impairments of total phosphorus, bacteria, dissolved oxygen, temperature, and pH, since these parameters may be related to agriculture in some cases (see Ferry County VSP work plan, Appendix B-4). Ecology’s current 303(d) list has 40 Category 4 and 5 listings documented in Ferry County and no Category 2 listings. Categories 1 and 3 were excluded from this analysis since they do not indicate impaired water quality. Of the 40 Category 4/5 listings, five (12.5%) have moved from a lower category to a higher one since VSP began in 2011. Two of those five listings are on public land sites and are being managed under a Colville National Forest TMDL plan. Notes from the Ecology website indicate that two additional listings—pH excursions in WRIA 60, the Kettle River watershed—may be due to natural conditions and need further investigation. The final listing that moved from a lower to a higher category is a Category 5 listing for temperature in the Columbia River/Lake Roosevelt waterbody, which has been highly altered from its natural state by the Grand Coulee Dam and covers a large geographic area that extends outside the boundaries of Ferry County. It is unlikely that the excursion can be attributed to agriculture or the effects of any particular geographic area. It should be noted that all five relevant water quality listings lack recent data, with the last reported data on the relevant Ecology web pages dating from 2000-2006. Due to the lack of evidence in these data for water quality

degradation within the context of VSP, the workgroup concludes that agriculture has not had a significant effect on Ferry County impaired waters (as designated by Ecology) since 2011. Of the 255,216 acres of agricultural landcover, only 5,551 acres is farmed, and the rest is rangeland (Table 2-2 p.10). Hay is nearly the exclusive crop as the nearest grain elevator is 80 to 100 miles away. Hay is tilled infrequently (every 4-8 years) and uses minimal herbicides, pesticides and fertilizer.

Adaptive Management needed?  Yes  No

**Monitoring Activity: DOH groundwater quality data trends**

**Included Critical Area(s):**

- Wetlands
- Critical Aquifer Recharge
- Frequently Flooded
- Geologic Hazard
- Fish and Wildlife Habitat Conservation Areas

Type of data

Timeframe/season for field sampling or data collection (e.g., summer only, annually, monthly)

Desired accuracy of the Analysis  Observed mean

Number of samples drawn from existing data  Observed standard deviation

What statistical test was performed? (Ex. t-test, ANOVA, time series, regression, etc.)

Is the observation statistically significant?  Yes  No

Did the underlying data meet statistical test assumptions (e.g., normality)?  Yes  No

Briefly describe the outcome of the monitoring and why VSP implementation/lack of implementation contributed to the observations

Adaptive Management needed?  Yes  No

Monitoring Activity: Hydrology monitoring of USGS flow gauges

**Included Critical Area(s):**

- Wetlands
- Critical Aquifer Recharge
- Frequently Flooded
- Geologic Hazard
- Fish and Wildlife Habitat Conservation Areas

Type of data

Timeframe/season for field sampling or data collection (e.g., summer only, annually, monthly)

Desired accuracy of the Analysis  Observed mean

Number of samples drawn from existing data  Observed standard deviation

What statistical test was performed? (Ex. t-test, ANOVA, time series, regression, etc.)

Is the observation statistically significant?  Yes  No

Did the underlying data meet statistical test assumptions (e.g., normality)?  Yes  No

Briefly describe the outcome of the monitoring and why VSP implementation/lack of implementation contributed to the observations

Briefly describe the outcome of the monitoring and why VSP implementation/lack of implementation contributed to the observations: Both USGS gages with enough data to analyze did not show statistically significant differences in low flow averages before and after the VSP program began (P values for Ferry and Laurier gages were 0.1569 and 0.6587, respectively). Note that the USGS data from these years were classified by the agency as "fair" or "poor" in many cases and that 2020 data were still classified as provisional. Due to these results and the likelihood that broader conditions such as climate and weather affect low flow levels, the workgroup concludes that at this time there is a lack of evidence that agriculture is significantly affecting low flows in the Kettle River watershed.

Adaptive Management needed?  Yes  No

**Monitoring Activity: NRI soil function indicators related to erosion, soil functions and fertility.**

**Included Critical Area(s):**

- Wetlands
- Critical Aquifer Recharge
- Frequently Flooded
- Geologic Hazard
- Fish and Wildlife Habitat Conservation Areas

Type of data

Timeframe/season for field sampling or data collection (e.g., summer only, annually, monthly)

Desired accuracy of the Analysis  Observed mean

Number of samples drawn from existing data  Observed standard deviation

What statistical test was performed? (Ex. t-test, ANOVA, time series, regression, etc.)

Is the observation statistically significant?  Yes  No

Did the underlying data meet statistical test assumptions (e.g., normality)?  Yes  No

Briefly describe the outcome of the monitoring and why VSP implementation/lack of implementation contributed to the observations

Adaptive Management needed?  Yes  No

**Monitoring Activity: Habitat indicators for PHS and wetlands**

**Included Critical Area(s):**

- Wetlands
- Critical Aquifer Recharge
- Frequently Flooded
- Geologic Hazard
- Fish and Wildlife Habitat Conservation Areas

Input datasets used

Year of map/imagery for comparison with 2011 baseline

Spatial accuracy of least accurate input layer  Units for spatial accuracy

Classification accuracy of least accurate input layer

Field verification of overall accuracy: Ommission

Field verification of overall accuracy: Commission

Field verification of overall accuracy: Kappa

Briefly describe the outcome of the monitoring and why VSP implementation/lack of implementation contributed to the observations

This monitoring approach was intended to provide qualitative information about the extent and general trends of agricultural land and critical areas in the county. Consistent with other findings, there appeared to little affect by agriculture relative to other impacts. Visual inspection of identified wetlands showed no change in function. PHS data related to rangeland was seen to mostly be affected by wildfire with data provided by the USFS and DNR.

More detailed and quantitative spatial analysis such as that described on pp. 62-63 of the Ferry County VSP work plan was difficult to perform because of a lack of suitable publicly available imagery and staff resources to perform the analysis. However, based on FCD's knowledge of county-wide agricultural conditions and trends, it is unlikely that quantitative aerial imagery monitoring will find significant changes to critical areas caused by agriculture relative to 2011 baseline conditions. Ferry County's relatively limited extent of agriculture on lands that fall within the scope of VSP also suggests that it is unlikely that agriculture has had more of an impact on the landscape scale than natural factors and other land uses in the relevant reporting period.

Workgroup wants to see when WDFW HRCD will be available in the County before proceeding with non-publicly available data. The Workgroup also has concerns regarding PHS and agricultural viability. Mapped PHS covers 40% of the 255,216 of agricultural land cover with 99% of it being important winter range for whitetail and mule deer and habitat for dusky grouse (p. 23). While wolves require no priority habitat, they are a state listed endangered species in Ferry County. "Predation of livestock by wolves" is one of the identified threats to agricultural viability in



Table 3-4 (p.30). Wolves, in combination with development pressure from migration from urban areas, have become a primary threat to agricultural viability.

“In Ferry County, the primary agricultural product is livestock, which is entirely dependent on public rangelands for grazing” (p. 29). Currently there are two lawsuits related to public grazing that would effectively end the practice on the Colville National Forest. One is directly related to wolves.

WDFW requires the use of non-lethal measures including range riders, increased herd supervision, calves being 300 pounds before turn-out on federal allotments and others. While the Region 1 Director of WDFW said “there is a cost to producers”, they have no data as to what the costs are since the VSP benchmark year of 2011. Even though WDFW offers compensation for certain practices, few producers are able or willing to participate. This is mainly due to not having the capacity in terms of hours in the day to add more work, the cash flow to wait for reimbursements (which can take months) and the lack of a seasonal workforce that has the tools or the training to do the job.

The net affect is potential agricultural land conversions to other uses and the loss of PHS function.

Adaptive Management needed?  Yes  No