



<b>FISCAL YEAR 2023 Watershed Improvement and Restoration, Sustainable Recreation</b>		<b>Associated Documents</b>	<b>List Field Surveys Required</b>	<b>Timeframe for Surveys to be Completed</b>	<b>Follow-up Treatments Required:</b>	<b>Funded</b>	<b>Activity Leader</b>	<b>Line Officer</b>
<b>Stream Restoration</b>								
1. Nahania Creek Restoration	Implemented 2021. Partnership with TNC. Monitoring surveys ongoing.	Workshop Presentation	Completed	Completed	Post-implementation monitoring surveys	N/A	Ellyn Rickels	District Ranger and Deputy District Ranger
2. Shaheen NF1 Restoration	Implemented 2022. Partnership with NFF. Monitoring surveys ongoing.	Workshop Presentation	Completed	Completed	Post-implementation monitoring surveys	N/A	Ellyn Rickels	District Ranger and Deputy District Ranger
3. Shaheen SF2 Restoration	Implemented 2022. Partnership with NFF. Monitoring surveys ongoing.	Workshop Presentation	Completed	Completed	Post-implementation monitoring surveys	N/A	Ellyn Rickels	District Ranger and Deputy District Ranger
4. Shaheen MS4 Restoration	Implementation planned for 2023. Partnership with NFF. Resource surveys and final designs in progress.	Shaheen Design Maps, workshop presentation	Botany/Invasives, Engineering, Karst, Silviculture, Soils, Wildlife	2023	Post-implementation monitoring surveys	Yes	Ellyn Rickels	District Ranger and Deputy District Ranger
5. Shaheen SF4 Restoration	Implementation planned for 2023 or 2024. Partnership with NFF. Resource surveys and final designs in progress.	Shaheen Design Maps, workshop presentation	Botany/Invasives, Engineering, Karst, Silviculture, Soils, Wildlife	2023	Post-implementation monitoring surveys	Yes	Ellyn Rickels	District Ranger and Deputy District Ranger
<b>Fish Crossings/Aquatic Organism Passage (AOPs)</b>								
1. AOP 2050000 MP 19.51	Implementation in 2023.	AOP Spreadsheet, Fish Barrier Culverts Map	Complete	Completed	N/A	Yes	Andrew Sanders	District Ranger and Deputy District Ranger
2. AOP 2050000 MP 22.23	Implementation in 2023.	AOP Spreadsheet, Fish Barrier Culverts Map	Complete	Completed	N/A	Yes	Andrew Sanders	District Ranger and Deputy District Ranger
3. AOP 3000000 MP 21.37	Implementation in 2023.	AOP Spreadsheet, Fish Barrier Culverts Map	Complete	Completed	N/A	Yes	Andrew Sanders	District Ranger and Deputy District Ranger
4. AOP 2050000 MP 86.646	Implementation in 2023.	AOP Spreadsheet, Fish Barrier Culverts Map	Complete	Completed	N/A	Yes	Andrew Sanders	District Ranger and Deputy District Ranger
5. AOP 3030700 MP 3.88	Implementation in 2023.	AOP Spreadsheet, Fish Barrier Culverts Map	Complete	Complete	N/A	Yes	Andrew Sanders	District Ranger and Deputy District Ranger
6. AOP 2050000 MP 14.69	Implementation in 2023.	AOP Spreadsheet, Fish Barrier Culverts Map	Complete	Complete	N/A	Yes	Andrew Sanders	District Ranger and Deputy District Ranger
7. AOP 2050000 MP 10.36	Implementation in 2023.	AOP Spreadsheet, Fish Barrier Culverts Map	Complete	Complete	N/A	Yes	Andrew Sanders	District Ranger and Deputy District Ranger
8. AOP 2050400 MP 4.49	Implementation in 2023.	AOP Spreadsheet, Fish Barrier Culverts Map	Complete	Complete	N/A	Yes	Andrew Sanders	District Ranger and Deputy District Ranger
9. AOP 3030110 MP 0.28	Implementation in 2023.	AOP Spreadsheet, Fish Barrier Culverts Map	Complete	Complete	N/A	Yes	Andrew Sanders	District Ranger and Deputy District Ranger
10. AOP 2120000 MP 9.58	Implementation in 2023.	AOP Spreadsheet, Fish Barrier Culverts Map	Complete	Complete	N/A	Yes	Andrew Sanders	District Ranger and Deputy District Ranger



FISCAL YEAR 2023 Watershed Improvement and Restoration, Sustainable Recreation		Associated Documents	List Field Surveys Required	Timeframe for Surveys to be Completed	Follow-up Treatments Required:	Funded	Activity Leader	Line Officer
11. AOP 2051000 MP 1.42	Implementation in 2023.	AOP Spreadsheet, Fish Barrier Culverts Map	Complete	Complete	N/A	No	Andrew Sanders	District Ranger and Deputy District Ranger
<b>Invasive Species Management</b>								
1. Japanese knotweed ( <i>Polygonum cuspidatum</i> ) along Twelvemile Arm	Monitoring; possible manual and chemical treatment. Area dependent upon conditions. Ongoing.	Public workshop maps and treatment plan	Complete	Completed	yes	No	Valeria Cancino	District Ranger and Deputy District Ranger
2. Canada thistle ( <i>Cirsium arvense</i> ) and Perennial Sowthistle ( <i>Sonchus arvensis</i> ) along Rd 2340000	Monitoring; possible manual and chemical treatment. Area dependent upon conditions. Ongoing.	Public workshop maps and treatment plan	Complete	Completed	yes	No	Valeria Cancino	District Ranger and Deputy District Ranger
3. Canada thistle ( <i>Cirsium arvense</i> ), bull thistle ( <i>Cirsium vulgare</i> ), and perennial sowthistle ( <i>Sonchus arvensis</i> ) near intersection of East POW Rd and Coffman Cove Rd	Monitoring; possible manual and chemical treatment. Area dependent upon conditions. Ongoing.	Public workshop maps and treatment plan	Complete	Completed	yes	No	Valeria Cancino	District Ranger and Deputy District Ranger
4. Bull thistle ( <i>Cirsium vulgare</i> ) and Canada thistle ( <i>Cirsium arvense</i> ) near intersection of RD 203000W and Big Salt – Thorne Bay Rd	Monitoring; possible manual and chemical treatment. Area dependent upon conditions. Ongoing.	Public workshop maps and treatment plan	Complete	Completed	yes	No	Valeria Cancino	District Ranger and Deputy District Ranger
5. Bull thistle ( <i>Cirsium vulgare</i> ) along Coffman Cove Road	Monitoring; possible manual and chemical treatment. Area dependent upon conditions. Ongoing.	Public workshop maps and treatment plan	Complete	Completed	yes	No	Valeria Cancino	District Ranger and Deputy District Ranger
6. Bull thistle ( <i>Cirsium vulgare</i> ) along Federal Way (RD 3000134)	Monitoring; possible manual and chemical treatment. Area dependent upon conditions. Ongoing.	Public workshop maps and treatment plan	Complete	Completed	yes	No	Valeria Cancino	District Ranger and Deputy District Ranger
7. Sweetclover ( <i>Melilotus albus</i> , <i>Melilotus officinalis</i> ) along Coffman Cove Road	Monitoring; possible manual and chemical treatment. Area dependent upon conditions. Ongoing.	Public workshop maps and treatment plan	Wildlife, Fisheries, Hydrology, Soils, Geology, Archaeology, Recreation	2022	Yes	No	Valeria Cancino	District Ranger and Deputy District Ranger
8. Spotted knapweed ( <i>Centaurea stoebe</i> ssp. <i>micranthos</i> ) along North Twin Road (2050600)	Monitoring; possible manual and chemical treatment. Area dependent upon conditions. 2023 – ongoing.	Public workshop maps and treatment plan	Wildlife, Fisheries, Hydrology, Soils, Geology, Archaeology, Recreation	2023	Ongoing	No	Valeria Cancino	District Ranger and Deputy District Ranger
9. Spotted knapweed ( <i>Centaurea stoebe</i> ssp. <i>micranthos</i> ) near intersection of RD 2000652, Long Lake, and FH43	Monitoring; possible manual and chemical treatment. Area dependent upon conditions. 2023 – ongoing.	Public workshop maps and treatment plan	Wildlife, Fisheries, Hydrology, Soils, Geology, Archaeology, Recreation	2023	Chemical – closed road	No	Valeria Cancino	District Ranger and Deputy District Ranger
10. Spotted knapweed ( <i>Centaurea stoebe</i> ssp. <i>micranthos</i> ) along Bay Lake Rd (300000N)	Monitoring; possible manual and chemical treatment. Area dependent upon conditions. 2023 – ongoing.	Public workshop maps and treatment plan	Wildlife, Fisheries, Hydrology, Soils, Geology, Archaeology, Recreation	2023	Chemical – closed road	No	Valeria Cancino	District Ranger and Deputy District Ranger
11. Canada thistle ( <i>Cirsium arvense</i> ) along Big Salt – Thorne Bay Road (2 locations)	Monitoring; possible manual and chemical treatment. Area dependent upon conditions. 2023 – ongoing.	Public workshop maps and treatment plan	Wildlife, Fisheries, Hydrology, Soils, Geology,	2023	Manual, mechanical, chemical	No	Valeria Cancino	District Ranger and Deputy District Ranger



FISCAL YEAR 2023 Watershed Improvement and Restoration, Sustainable Recreation		Associated Documents	List Field Surveys Required	Timeframe for Surveys to be Completed	Follow-up Treatments Required:	Funded	Activity Leader	Line Officer
			Archaeology, Recreation					
12. Bull thistle ( <i>Cirsium vulgare</i> ) along Fish City (RD 2360000)	Monitoring; possible manual and chemical treatment. Area dependent upon conditions. 2023 – ongoing.	Public workshop maps and treatment plan	Wildlife, Fisheries, Hydrology, Soils, Geology, Archaeology, Recreation	2023	Mechanical, chemical	No	Valeria Cancino	District Ranger and Deputy District Ranger
<b>Sustainable Recreation</b>								
1. El Cap Recreation Area enhancements	Campground improvements, cabin construction 2024, boat launch improvements 2025. Trail in partnership with Pacific Northwest and Alaska Director - National Forest Foundation. To be completed in 2023.	Public workshop map and presentation	GEO, Soils and Wetlands, Timber, Transportation	2023-2025	N/A	Yes, GAOA	Justin Donnelley	District Ranger and Deputy District Ranger
2. Sunnahae trail reconstruction	Final design and construction in 2022- 2023.	Public workshop map and presentation	Landscape Architect to do final design, others complete	2021 - 2022	N/A	Yes, GAOA	Justin Donnelley	District Ranger and Deputy District Ranger
3. One Duck Trail and Shelter rebuild	Rebuild trail and shelter repair.	Workshop maps and presentation	Botany, Soils, Transportation	2023 -2024	N/A	Yes, GAOA	Justin Donnelley	District Ranger and Deputy District Ranger
4. Mooring Buoy Repair/replacements (GAOA)	Repair/replace buoys.	Workshop maps and presentation	None needed.	2023	N/A	Resubmitting for GAOA FY2024	Justin Donnelley Rozie Berry (COR)	District Ranger and Deputy District Ranger
5. Karta River Trail reconstruction and cabin improvements	Will need survey and design narrative to create a project. Section 106 Review, and tribal consultation will be a important factor.	Workshop maps and presentations	All resource area surveys needed	2023-2027	N/A	Resubmitting for GAOA FY2023	Justin Donnelley	District Ranger and Deputy District Ranger



FISCAL YEAR 2024 Watershed Improvement and Restoration, Sustainable Recreation	Current Status	Associated Documents	List Field Surveys Required	Timeframe for Surveys to be Completed	Follow-up Treatments Required:	Funded	Activity Leader	Line Officer
<b>Stream Restoration</b>								
1. Nahania Creek Restoration	Monitoring surveys only; ongoing.	Workshop Presentation	Completed	Completed	Post-implementation monitoring surveys	N/A	Ellyn Rickels	District Ranger and Deputy District Ranger
2. Shaheen NF1 Restoration	Monitoring surveys only; ongoing.	Workshop Presentation	Completed	Completed	Post-implementation monitoring surveys	N/A	Ellyn Rickels	District Ranger and Deputy District Ranger
3. Shaheen SF2 Restoration	Monitoring surveys only; ongoing.	Workshop Presentation	Completed	Completed	Post-implementation monitoring surveys	N/A	Ellyn Rickels	District Ranger and Deputy District Ranger
4. Shaheen MS4 Restoration	Implementation planned for 2023. Monitoring surveys to begin 2024.	Shaheen Design Maps, workshop presentation	Botany/Invasives, Engineering, Karst, Silviculture, Soils, Wildlife	2023	Post-implementation monitoring surveys	Yes	Ellyn Rickels	District Ranger and Deputy District Ranger
5. Shaheen SF4 Restoration	Implementation planned for 2023. Monitoring surveys to begin 2024.	Shaheen Design Maps, workshop presentation	Botany/Invasives, Engineering, Karst, Silviculture, Soils, Wildlife	2023	Post-implementation monitoring surveys	Yes	Ellyn Rickels	District Ranger and Deputy District Ranger
6. Shaheen MS1 Restoration	Final designs and resource surveys needed. Implementation in 2024-2026.	Shaheen Design Maps, workshop presentation	Botany/Invasives, Engineering, Karst, Silviculture, Soils, Wildlife	2024	Post-implementation monitoring surveys	No	Ellyn Rickels	District Ranger and Deputy District Ranger
7. Shaheen MS3 Restoration	Final designs resource surveys needed. Implementation in 2024-2026.	Shaheen Design Maps, workshop presentation	Botany/Invasives, Engineering, Karst, Silviculture, Soils, Wildlife	2024	Post-implementation monitoring surveys	No	Ellyn Rickels	District Ranger and Deputy District Ranger
8. Shaheen SF1 Restoration	Final designs resource surveys needed. Implementation in 2024-2026.	Shaheen Design Maps, workshop presentation	Botany/Invasives, Engineering, Karst, Silviculture, Soils, Wildlife	2024	Post-implementation monitoring surveys	No	Ellyn Rickels	District Ranger and Deputy District Ranger
9. Shaheen SF3 Restoration	Final designs resource surveys needed. Implementation in 2024-2026.	Shaheen Design Maps, workshop presentation	Botany/Invasives, Engineering, Karst, Silviculture, Soils, Wildlife	2024	Post-implementation monitoring surveys	No	Ellyn Rickels	District Ranger and Deputy District Ranger
<b>Fish Crossings/Aquatic Organism Passage (AOPs)</b>								
1. AOP 2100000 MP 12.53	Implementation in 2024.	AOP Spreadsheet, Fish Barrier Culverts Map	Complete	Completed	N/A	Yes	Andrew Sanders	District Ranger and Deputy District Ranger
2. AOP 2050300 MP 4.67	Implementation in 2024.	AOP Spreadsheet, Fish Barrier Culverts Map	Complete	Completed	N/A	Yes	Andrew Sanders	District Ranger and Deputy District Ranger
3. AOP 2059300 MP 1.12	Implementation in 2024.	AOP Spreadsheet, Fish Barrier Culverts Map	Complete	Completed	N/A	Yes	Andrew Sanders	District Ranger and Deputy District Ranger
4. AOP 2030790 MP 1.08	Implementation in 2024.	AOP Spreadsheet, Fish Barrier Culverts Map	Complete	Completed	N/A	Yes	Andrew Sanders	District Ranger and Deputy District Ranger
5. AOP 2056000 MP 0.66	Implementation in 2024.	AOP Spreadsheet, Fish Barrier Culverts Map	Complete	Complete	N/A	Yes	Andrew Sanders	District Ranger and Deputy District Ranger



FISCAL YEAR 2024 Watershed Improvement and Restoration, Sustainable Recreation	Current Status	Associated Documents	List Field Surveys Required	Timeframe for Surveys to be Completed	Follow-up Treatments Required:	Funded	Activity Leader	Line Officer
6. AOP 1525000 MP 3.4	Implementation in 2024.	AOP Spreadsheet, Fish Barrier Culverts Map	Complete	Complete	N/A	Yes	Andrew Sanders	District Ranger and Deputy District Ranger
<b>Invasive Species Management</b>								
1. Japanese knotweed ( <i>Polygonum cuspidatum</i> ) along Twelvemile Arm	Monitoring; possible manual and chemical treatment. Area dependent upon conditions. Ongoing.	Public workshop maps and treatment plan	Complete	Completed	Monitoring/possible treatment	No	Valeria Cancino	District Ranger and Deputy District Ranger
2. Canada thistle ( <i>Cirsium arvense</i> ) and Perennial Sowthistle ( <i>Sonchus arvensis</i> ) along Rd 2340000	Monitoring; possible manual and chemical treatment. Area dependent upon conditions. Ongoing.	Public workshop maps and treatment plan	Complete	Completed	Monitoring/possible treatment	No	Valeria Cancino	District Ranger and Deputy District Ranger
3. Canada thistle ( <i>Cirsium arvense</i> ) along Craig-Klawock-Hollis Road	Monitoring; possible manual and chemical treatment. Area dependent upon conditions. Ongoing.	Public workshop maps and treatment plan	Complete	Completed	Monitoring/possible treatment	No	Valeria Cancino	District Ranger and Deputy District Ranger
4. Canada thistle ( <i>Cirsium arvense</i> ), bull thistle ( <i>Cirsium vulgare</i> ), and perennial sowthistle ( <i>Sonchus arvensis</i> ) near intersection of East POW Rd and Coffman Cove Rd	Monitoring; possible manual and chemical treatment. Area dependent upon conditions. Ongoing.	Public workshop maps and treatment plan	Complete	Completed	Monitoring/possible treatment	No	Valeria Cancino	District Ranger and Deputy District Ranger
5. Bull thistle ( <i>Cirsium vulgare</i> ) and Canada thistle ( <i>Cirsium arvense</i> ) near intersection of RD 203000W and Big Salt – Thorne Bay Rd	Monitoring; possible manual and chemical treatment. Area dependent upon conditions. Ongoing.	Public workshop maps and treatment plan	Complete	Completed	Monitoring/possible treatment	No	Valeria Cancino	District Ranger and Deputy District Ranger
6. Bull thistle ( <i>Cirsium vulgare</i> ) along Coffman Cove Road	Monitoring; possible manual and chemical treatment. Area dependent upon conditions. Ongoing.	Public workshop maps and treatment plan	Complete	Completed	Monitoring/possible treatment	No	Valeria Cancino	District Ranger and Deputy District Ranger
7. Bull thistle ( <i>Cirsium vulgare</i> ) along Federal Way (RD 3000134)	Monitoring; possible manual and chemical treatment. Area dependent upon conditions. Ongoing.	Public workshop maps and treatment plan	Complete	Completed	Monitoring/possible treatment	No	Valeria Cancino	District Ranger and Deputy District Ranger
8. Sweetclover ( <i>Melilotus albus</i> , <i>Melilotus officinalis</i> ) along Coffman Cove Road	Monitoring; possible manual and chemical treatment. Area dependent upon conditions. Ongoing.	Public workshop maps and treatment plan	Wildlife, Fisheries, Hydrology, Soils, Geology, Archaeology, Recreation	2022	Yes	No	Valeria Cancino	District Ranger and Deputy District Ranger
9. Sweetclover ( <i>Melilotus albus</i> , <i>Melilotus officinalis</i> ) along Big Salt – Thorne Bay Road	Monitoring; possible manual and chemical treatment. Area dependent upon conditions. Ongoing.	Public workshop maps and treatment plan	Wildlife, Fisheries, Hydrology, Soils, Geology, Archaeology, Recreation	2022	Yes	No	Valeria Cancino	District Ranger and Deputy District Ranger
10. Spotted knapweed ( <i>Centaurea stoebe</i> ssp. <i>micranthos</i> ) along North Twin Road (2050600)	Monitoring; possible manual and chemical treatment. Area dependent upon conditions. 2023 – ongoing.	Public workshop maps and treatment plan	Wildlife, Fisheries, Hydrology, Soils, Geology, Archaeology, Recreation	2023	Ongoing	No	Valeria Cancino	District Ranger and Deputy District Ranger
11. Spotted knapweed ( <i>Centaurea stoebe</i> ssp. <i>micranthos</i> ) near intersection of RD 2000652, Long Lake, and FH43	Monitoring; possible manual and chemical treatment. Area dependent upon conditions. 2023 – ongoing.	Public workshop maps and treatment plan	Wildlife, Fisheries, Hydrology, Soils, Geology, Archaeology, Recreation	2023	Chemical – closed road	No	Valeria Cancino	District Ranger and Deputy District Ranger



<b>FISCAL YEAR 2024 Watershed Improvement and Restoration, Sustainable Recreation</b>	<b>Current Status</b>	<b>Associated Documents</b>	<b>List Field Surveys Required</b>	<b>Timeframe for Surveys to be Completed</b>	<b>Follow-up Treatments Required:</b>	<b>Funded</b>	<b>Activity Leader</b>	<b>Line Officer</b>
12. Spotted knapweed ( <i>Centaurea stoebe</i> ssp. <i>micranthos</i> ) along Bay Lake Rd (300000N)	Monitoring; possible manual and chemical treatment. Area dependent upon conditions. 2023 – ongoing.	Public workshop maps and treatment plan	Wildlife, Fisheries, Hydrology, Soils, Geology, Archaeology, Recreation	2023	Chemical – closed road	No	Valeria Cancino	District Ranger and Deputy District Ranger
13. Canada thistle ( <i>Cirsium arvense</i> ) along Big Salt – Thorne Bay Road (2 locations)	Monitoring; possible manual and chemical treatment. Area dependent upon conditions. 2023 – ongoing.	Public workshop maps and treatment plan	Wildlife, Fisheries, Hydrology, Soils, Geology, Archaeology, Recreation	2023	Manual, mechanical, chemical	No	Valeria Cancino	District Ranger and Deputy District Ranger
14. Bull thistle ( <i>Cirsium vulgare</i> ) along Fish City (RD 2360000)	Monitoring; possible manual and chemical treatment. Area dependent upon conditions. 2023 – ongoing.	Public workshop maps and treatment plan	Wildlife, Fisheries, Hydrology, Soils, Geology, Archaeology, Recreation	2023	Mechanical, chemical	No	Valeria Cancino	District Ranger and Deputy District Ranger
<b>Sustainable Recreation</b>								
1. El Cap Recreation Area enhancements	Campground improvements, cabin construction 2024, boat launch improvements 2025.	Public workshop map and presentation	GEO, Soils and Wetlands, Timber, Transportation	2023-2025	N/A	Yes, GAOA	Justin Donnelley	District Ranger and Deputy District Ranger
2. Subalpine Snowmachine Trails	Planning/resource surveys. May be able to begin some preparatory field work.	Maps and previous presentations	All Resource surveys needed	2023-2027	N/A	No	Justin Donnelley	District Ranger and Deputy District Ranger
3. Twelve Mile Arm Cabin vault toilet installation	Planning Installation of vault toilet	Previous workshop poster	All Resource surveys needed	2023-2027	N/A	No	Justin Donnelley	District Ranger and Deputy District Ranger
4. One Duck Trail and Shelter rebuild	Complete rebuild of trail and shelter, if not completed in 2024.	Workshop maps and presentation	Botany, Soils, Transportation	2023 or 2024	N/A	Yes, GAOA	Justin Donnelley	District Ranger and Deputy District Ranger
5. Karta River Trail reconstruction and cabin improvements	Will need survey and design narrative to create a project. Section 106 Review, and tribal consultation will be a important factor.	Workshop maps and presentations	All Resource surveys needed	2023-2027	N/A	Resubmitting for GAOA FY2023	Justin Donnelley	District Ranger and Deputy District Ranger
6. Beaver Falls Trail reconstruction	Survey and Design Narrative	Workshop maps and presentations	All Resource surveys needed	2023-2027	N/A	No	Justin Donnelley	District Ranger and Deputy District Ranger
7. Deweyville Trail Reconstruction	Trail Design complete; Parking lot will need engineer design. Section 106 Review	Workshop maps and presentations	All Resource surveys needed	2023-2027	N/A	No	Justin Donnelley	District Ranger and Deputy District Ranger
8. Honker Canoe Route Signage improvements	Access the route for feasibility.	Workshop maps and presentations	All Resource surveys needed	2023-2027	N/A	No	Justin Donnelley	District Ranger and Deputy District Ranger



FISCAL YEARS 2025-2027 Watershed Improvement and Restoration	Status	Associated Documents	List Field Surveys Required	Timeframe for Surveys to be Completed	Follow-up Treatments Required:	Funded	Activity Leader	Line Officer	Estimated Implementation Dates
<b>Stream Restoration</b>									
1. Shaheen MS1 Restoration	Final designs and resource surveys needed. Implementation in 2024-2026.	Shaheen Design Maps, workshop presentation	Botany/Invasives, Engineering, Karst, Silviculture, Soils, Wildlife	2024	Post-implementation monitoring surveys	No	Ellyn Rickels	District Ranger and Deputy District Ranger	2024-2026
2. Shaheen MS3 Restoration	Final designs resource surveys needed. Implementation in 2024-2026.	Shaheen Design Maps, workshop presentation	Botany/Invasives, Engineering, Karst, Silviculture, Soils, Wildlife	2024	Post-implementation monitoring surveys	No	Ellyn Rickels	District Ranger and Deputy District Ranger	2024-2026
3. Shaheen SF1 Restoration	Final designs resource surveys needed. Implementation in 2024-2026.	Shaheen Design Maps, workshop presentation	Botany/Invasives, Engineering, Karst, Silviculture, Soils, Wildlife	2024	Post-implementation monitoring surveys	No	Ellyn Rickels	District Ranger and Deputy District Ranger	2024-2026
4. Shaheen SF3 Restoration	Final designs resource surveys needed. Implementation in 2024-2026.	Shaheen Design Maps, workshop presentation	Botany/Invasives, Engineering, Karst, Silviculture, Soils, Wildlife	2024	Post-implementation monitoring surveys	No	Ellyn Rickels	District Ranger and Deputy District Ranger	2024-2026
<b>Fish Crossings/Aquatic Organism Passage (AOPs)</b>									
1. AOP 2120000 MP 10.26	Implementation in 2025-2027	AOP Spreadsheet, Fish Barrier Culverts Map	Soils, botany, heritage	2023-2026	N/A	No	Andrew Sanders	District Ranger and Deputy District Ranger	2024-2026
2. AOP 2050400 MP 0.16	Implementation in 2025-2027	AOP Spreadsheet, Fish Barrier Culverts Map	Soils, botany, heritage	2023-2026	N/A	No	Andrew Sanders	District Ranger and Deputy District Ranger	2024-2026
3. AOP 2050400 MP 0.56	Implementation in 2025-2027	AOP Spreadsheet, Fish Barrier Culverts Map	Soils, botany, heritage	2023-2026	N/A	No	Andrew Sanders	District Ranger and Deputy District Ranger	2024-2026
4. AOP 2050050 MP 3.72	Implementation in 2025-2027	AOP Spreadsheet, Fish Barrier Culverts Map	Soils, botany, heritage	2023-2026	N/A	No	Andrew Sanders	District Ranger and Deputy District Ranger	2024-2026
5. AOP 2050000 MP 19.19	Implementation in 2025-2027	AOP Spreadsheet, Fish Barrier Culverts Map	Soils, botany, heritage	2023-2026	N/A	No	Andrew Sanders	District Ranger and Deputy District Ranger	2024-2026
6. AOP 2025000 MP 0.72	Implementation in 2025-2027	AOP Spreadsheet, Fish Barrier Culverts Map	Soils, botany, heritage	2023-2026	N/A	No	Andrew Sanders	District Ranger and Deputy District Ranger	2024-2026
7. AOP 25000 MP 2.679	Implementation in 2025-2027	AOP Spreadsheet, Fish Barrier Culverts Map	Soils, botany, heritage	2023-2026	N/A	No	Andrew Sanders	District Ranger and Deputy District Ranger	2024-2026
<b>Invasive Species Management</b>									
1. Japanese knotweed ( <i>Polygonum cuspidatum</i> ) along Twelvemile Arm	Monitoring; possible manual and chemical treatment. Area dependent upon conditions.	Public workshop maps and treatment plan	Complete	Completed	Monitoring/possible treatment	No	Valeria Cancino	District Ranger and Deputy District Ranger	Ongoing
2. Canada thistle ( <i>Cirsium arvense</i> ) and perennial sowthistle ( <i>Sonchus arvensis</i> ) along Rd 2340000	Monitoring; possible manual and chemical treatment. Area dependent upon conditions.	Public workshop maps and treatment plan	Complete	Completed	Monitoring/possible treatment	No	Valeria Cancino	District Ranger and Deputy District Ranger	Ongoing
3. Canada thistle ( <i>Cirsium arvense</i> ) along Craig-Klawock-Hollis Road	Monitoring; possible manual and chemical treatment. Area dependent upon conditions.	Public workshop maps and treatment plan	Complete	Completed	Monitoring/possible treatment	No	Valeria Cancino	District Ranger and Deputy District Ranger	Ongoing
4. Canada thistle ( <i>Cirsium arvense</i> ), bull thistle ( <i>Cirsium vulgare</i> ), and perennial sowthistle ( <i>Sonchus arvensis</i> ) near intersection of East POW Rd and Coffman Cove Rd	Monitoring; possible manual and chemical treatment. Area dependent upon conditions.	Public workshop maps and treatment plan	Complete	Completed	Monitoring/possible treatment	No	Valeria Cancino	District Ranger and Deputy District Ranger	Ongoing
5. Bull thistle ( <i>Cirsium vulgare</i> ) and Canada thistle ( <i>Cirsium arvense</i> )	Monitoring; possible manual and chemical treatment. Area dependent upon conditions.	Public workshop maps and treatment plan	Complete	Completed	Monitoring/possible treatment	No	Valeria Cancino	District Ranger and Deputy District Ranger	Ongoing



FISCAL YEARS 2025-2027 Watershed Improvement and Restoration	Status	Associated Documents	List Field Surveys Required	Timeframe for Surveys to be Completed	Follow-up Treatments Required:	Funded	Activity Leader	Line Officer	Estimated Implementation Dates
near intersection of RD 203000W and Big Salt – Thorne Bay Rd									
6. Bull thistle ( <i>Cirsium vulgare</i> ) along Coffman Cove Road	Monitoring; possible manual and chemical treatment. Area dependent upon conditions.	Public workshop maps and treatment plan	Complete	Completed	Monitoring/possible treatment	No	Valeria Cancino	District Ranger and Deputy District Ranger	Ongoing
7. Bull thistle ( <i>Cirsium vulgare</i> ) along Federal Way (RD 3000134)	Monitoring; possible manual and chemical treatment. Area dependent upon conditions.	Public workshop maps and treatment plan	Complete	Completed	Monitoring/possible treatment	No	Valeria Cancino	District Ranger and Deputy District Ranger	Ongoing
8. Sweetclover ( <i>Melilotus albus</i> , <i>Melilotus officinalis</i> ) along Coffman Cove Road	Monitoring; possible manual and chemical treatment. Area dependent upon conditions.	Public workshop maps and treatment plan	Wildlife, Fisheries, Hydrology, Soils, Geology, Archaeology, Recreation	2022	Yes	No	Valeria Cancino	District Ranger and Deputy District Ranger	Ongoing
9. Sweetclover ( <i>Melilotus albus</i> , <i>Melilotus officinalis</i> ) along Big Salt – Thorne Bay Road	Monitoring; possible manual and chemical treatment. Area dependent upon conditions.	Public workshop maps and treatment plan	Wildlife, Fisheries, Hydrology, Soils, Geology, Archaeology, Recreation	2022	Yes	No	Valeria Cancino	District Ranger and Deputy District Ranger	Ongoing
10. Spotted knapweed ( <i>Centaurea stoebe</i> ssp. <i>micranthos</i> ) along North Twin Road (2050600)	Implementation expected to begin 2025	Will be presented NLT Fall 2024 workshop	Wildlife, Fisheries, Hydrology, Soils, Geology, Archaeology, Recreation	2021-2023	Ongoing	No	Valeria Cancino	District Ranger and Deputy District Ranger	2025 - ongoing
11. Spotted knapweed ( <i>Centaurea stoebe</i> ssp. <i>micranthos</i> ) near intersection of RD 2000652, Long Lake, and FH43	Implementation expected to begin 2025	Will be presented NLT Fall 2024 workshop	Wildlife, Fisheries, Hydrology, Soils, Geology, Archaeology, Recreation	2021-2023	Chemical – closed road	No	Valeria Cancino	District Ranger and Deputy District Ranger	2025 - ongoing
12. Spotted knapweed ( <i>Centaurea stoebe</i> ssp. <i>micranthos</i> ) along Bay Lake Rd (300000N)	Implementation expected to begin 2025	Will be presented NLT Fall 2024 workshop	Wildlife, Fisheries, Hydrology, Soils, Geology, Archaeology, Recreation	2021-2023	Chemical – closed road	No	Valeria Cancino	District Ranger and Deputy District Ranger	2025 - ongoing
13. Canada thistle ( <i>Cirsium arvense</i> ) along Big Salt – Thorne Bay Road (2 locations)	Implementation expected to begin 2025	Will be presented NLT Fall 2024 workshop	Wildlife, Fisheries, Hydrology, Soils, Geology, Archaeology, Recreation	2021-2023	Manual, mechanical, chemical	No	Valeria Cancino	District Ranger and Deputy District Ranger	2025 - ongoing
14. Bull thistle ( <i>Cirsium vulgare</i> ) along Fish City (RD 2360000)	Implementation expected to begin 2025	Will be presented NLT Fall 2024 workshop	Wildlife, Fisheries, Hydrology, Soils, Geology, Archaeology, Recreation	2021-2023	Mechanical, chemical	No	Valeria Cancino	District Ranger and Deputy District Ranger	2025 - ongoing
15. Bull thistle ( <i>Cirsium vulgare</i> ) along Lake Ellen Spur A (2030950)	Implementation expected to begin 2025	Will be presented NLT Fall 2024 workshop	Wildlife, Fisheries, Hydrology, Soils, Geology, Archaeology, Recreation	2021-2023	Manual, mechanical	No	Valeria Cancino	District Ranger and Deputy District Ranger	2025 - ongoing
16. Bull thistle ( <i>Cirsium vulgare</i> ) along Lake Ellen Road East	Implementation expected to begin 2025	Will be presented NLT Fall 2024 workshop	Wildlife, Fisheries, Hydrology, Soils, Geology, Archaeology, Recreation	2021-2023	Manual, mechanical	No	Valeria Cancino	District Ranger and Deputy District Ranger	2025 - ongoing
17. Bull thistle ( <i>Cirsium vulgare</i> ) along Overview (Rd 3000120)	Implementation expected to begin 2025	Will be presented NLT Fall 2024 workshop	Wildlife, Fisheries, Hydrology, Soils, Geology, Archaeology, Recreation	2021-2023	Mechanical, chemical	No	Valeria Cancino	District Ranger and Deputy District Ranger	2025 - ongoing
<b>Sustainable Recreation</b>									
1. Subalpine Snowmachine Trails	Trails need to be established and mapped, Over the Snow Policy and procedures need to be reviewed.	Public workshop presentation	All Resource surveys needed	2025-2027	N/A	No	Justin Donnelley	District Ranger and Deputy District Ranger	Dep. on resource surveys and support
2. Twelve Mile Arm Cabin vault toilet installation	Design narrative needed	Previous workshop poster	All Resource surveys needed	2025-2027	N/A	No	Justin Donnelley	District Ranger and Deputy District Ranger	Dep. on resource surveys and support



FISCAL YEARS 2025-2027 Watershed Improvement and Restoration	Status	Associated Documents	List Field Surveys Required	Timeframe for Surveys to be Completed	Follow-up Treatments Required:	Funded	Activity Leader	Line Officer	Estimated Implementation Dates
3. Neck Lake Launch and recreation site improvements	Draft design	Will be presented NLT Fall 2024 workshop	All Resource surveys needed	2025-2027	N/A	No	Justin Donnelley	District Ranger and Deputy District Ranger	Dep. on resource surveys and support
4. Karta River Trail reconstruction and cabin improvements	Continuing to completion.	Will be presented NLT Fall 2024 workshop	All Resource surveys needed	2025-2027	N/A	Resubmitting for GAOA FY2023	Justin Donnelley	District Ranger and Deputy District Ranger	Dep. on resource surveys and support
5. Beaver Falls Trail reconstruction	Implementation	Will be presented NLT Fall 2024 workshop	All Resource surveys needed	2025-2027	N/A	No	Justin Donnelley	District Ranger and Deputy District Ranger	Dep. on resource surveys and support
6. Salmon Bay cabin and Trail reconstruction	Survey and design needed	Public workshop presentation	All Resource surveys needed	2025-2027	N/A	No	Justin Donnelley	District Ranger and Deputy District Ranger	Dep. on resource surveys and support
7. Deweyville Trail Reconstruction	Trail Design complete; Parking lot will need engineer design. Section 106 Review	Workshop maps and presentations	All Resource surveys needed	2025-2027	N/A	No	Justin Donnelley	District Ranger and Deputy District Ranger	Dep. on resource surveys and support
8. Honker Canoe Route Signage improvements	Draft	Will be presented NLT Fall 2024 workshop	All Resource surveys needed	2025-2027	N/A	No	Justin Donnelley	District Ranger and Deputy District Ranger	2023, until complete
9. Black Bear Lake Cabin Trail access and cabin site improvements	Draft	Public workshop presentation	All Resource surveys needed	2025-2027	N/A	No	Justin Donnelley	District Ranger and Deputy District Ranger	Dep. on resource surveys and support
10. Hollis to Harris Trail construction	Draft	Will be presented NLT Fall 2024 workshop	All Resource surveys needed	2025-2027	N/A	No	Justin Donnelley	District Ranger and Deputy District Ranger	2023-2024
11. Three-sided shelter build in South POW Wilderness	Draft	Will be presented NLT Fall 2024 workshop	All Resource surveys needed	2025-2027	N/A	No	Justin Donnelley	District Ranger and Deputy District Ranger	Dep. on resource surveys and support
12. Staney Cabin and trail enhancements	Draft	Will be presented NLT Fall 2024 workshop	All Resource surveys needed	2025-2027	N/A	No	Justin Donnelley	District Ranger and Deputy District Ranger	Dep. on resource surveys and support
13. Decommission Josephine Lake Cabin	Draft	Will be presented NLT Fall 2024 workshop	All Resource surveys needed	2025-2027	N/A	No	Justin Donnelley	District Ranger and Deputy District Ranger	Dep. on resource surveys and support

Approved by



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BRIAN M. PENTECOST  
District Ranger