



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
Stream Restoration								
1. Nahania Creek Restoration	Implemented 2021. Partnership with TNC. Monitoring surveys ongoing.	Workshop Presentation	Completed	Completed	Post-implementation monitoring surveys	N/A	Malcolm Cross	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	Malcolm Cross	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	Malcolm Cross	District Ranger and Deputy District Ranger
4. Shaheen MS4 Restoration	Implemented in 2023. Partnership with NFF.	Shaheen Design Maps, workshop presentation	Completed	2023	Post-implementation monitoring surveys	Yes	Malcolm Cross	District Ranger and Deputy District Ranger
5. Shaheen SF4 Restoration	Implementation planned for 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	Malcolm Cross	District Ranger and Deputy District Ranger
Fish Crossings/Aquatic Organism Passage (AOPs)								
1. AOP 2050000 MP 19.51	Implemented in 2023.	AOP Spreadsheet, Fish Barrier Culverts Map	Complete	Completed	Post-implementation monitoring	Yes	Andrew Sanders	District Ranger and Deputy District Ranger
2. AOP 2050000 MP 22.23	Implemented in 2023.	AOP Spreadsheet, Fish Barrier Culverts Map	Complete	Completed	Post-implementation monitoring	Yes	Andrew Sanders	District Ranger and Deputy District Ranger
3. AOP 3000000 MP 21.37	Implemented in 2023.	AOP Spreadsheet, Fish Barrier Culverts Map	Complete	Completed	Post-implementation monitoring	Yes	Andrew Sanders	District Ranger and Deputy District Ranger
4. AOP 2050000 MP 86.646	Implemented in 2023.	AOP Spreadsheet, Fish Barrier Culverts Map	Complete	Completed	Post-implementation monitoring	Yes	Andrew Sanders	District Ranger and Deputy District Ranger
5. AOP 3030700 MP 3.88	Implemented in 2023.	AOP Spreadsheet, Fish Barrier Culverts Map	Complete	Complete	Post-implementation monitoring	Yes	Andrew Sanders	District Ranger and Deputy District Ranger
6. AOP 2050000 MP 14.69	Implemented in 2023.	AOP Spreadsheet, Fish Barrier Culverts Map	Complete	Complete	Post-implementation monitoring	Yes	Andrew Sanders	District Ranger and Deputy District Ranger
7. AOP 2050000 MP 10.36	Implemented in 2023.	AOP Spreadsheet, Fish Barrier Culverts Map	Complete	Complete	Post-implementation monitoring	Yes	Andrew Sanders	District Ranger and Deputy District Ranger
8. AOP 2050400 MP 4.49	Implemented in 2023.	AOP Spreadsheet, Fish Barrier Culverts Map	Complete	Complete	Post-implementation monitoring	Yes	Andrew Sanders	District Ranger and Deputy District Ranger
9. AOP 3030110 MP 0.28	Implemented in 2023.	AOP Spreadsheet, Fish Barrier Culverts Map	Complete	Complete	Post-implementation monitoring	Yes	Andrew Sanders	District Ranger and Deputy District Ranger
10. AOP 2120000 MP 9.58	Implemented in 2023.	AOP Spreadsheet, Fish Barrier Culverts Map	Complete	Complete	Post-implementation monitoring	Yes	Andrew Sanders	District Ranger and Deputy District Ranger
11. AOP 2051000 MP 1.42	Implemented in 2023.	AOP Spreadsheet, Fish Barrier Culverts Map	Complete	Complete	Post-implementation monitoring	No	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
Invasive Species Management								
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, Archaeology, Recreation	2023	Manual, mechanical, chemical	No	Valeria Cancino	District Ranger and Deputy District Ranger
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,	2023	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					
13. Solicit interest and public participation in invasive species management on POW.	Invite public to participate in weed-pulling; solicit interest in a workshop or special event.		N/A	N/A	N/A	N/A	Valeria cancion	District Ranger and Deputy District Ranger
Sustainable Recreation								
1. El Cap Recreation Area enhancements	Trail to cave reconstruction in partnership with Pacific Northwest and Natl Forest Foundation. Boat launch improvements delayed due to staffing limitations/turnover in FY2022.	Public workshop map and presentation	Completed for portion implemented.	2023-2025	N/A	Yes, GAOA	Justin Donnelley	District Ranger and Deputy District Ranger
2. Sunnahae Trail reconstruction	Implemented in 2023.	Public workshop map and presentation	Completed	2021 - 2022	N/A	Yes, GAOA	Justin Donnelley	District Ranger and Deputy District Ranger
3. One Duck Trail and Shelter rebuild	Implemented in 2023.	Workshop maps and presentation	None needed.	2023 -2024	N/A	Yes, GAOA	Justin Donnelley	District Ranger and Deputy District Ranger
4. Mooring Buoy Repair/replacements (GAOA)	Implemented in 2023.	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	Not accomplished in 2023; planning in 2024.	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
6. E-bikes	Not accomplished in 2023; planned in 2024.	Workshop maps and presentations	N/A	N/A	N/A	N/A	Justin Donnelly	District Ranger and Deputy District Ranger
All								
Involve the public.	Hold Spring and Fall Workshops and public comment periods. Share accomplishments, monitoring and assessments. See also Botany Activity #13.		N/A	N/A	N/A	N/A	Quentin Hall	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
Stream Restoration								
1. Nahania Creek Restoration	No activities planned in FY24-25. Post-restoration monitoring Year 5 in FY26.	Workshop Presentation	Completed	Completed	Post-implementation monitoring surveys	N/A	Malcolm Cross	District Ranger and Deputy District Ranger
2. Shaheen NF1 Restoration	Post-restoration monitoring Year 2.	Workshop Presentation	Completed	Completed	Post-implementation monitoring surveys	N/A	Malcolm Cross	District Ranger and Deputy District Ranger
3. Shaheen SF2 Restoration	Post-restoration monitoring Year 2.	Workshop Presentation	Completed	Completed	Post-implementation monitoring surveys	N/A	Malcolm Cross	District Ranger and Deputy District Ranger
4. Shaheen MS4 Restoration	Post-restoration monitoring Year 1.	Shaheen Design Maps, workshop presentation	Botany/Invasives, Engineering, Karst, Silviculture, Soils, Wildlife	2023	Post-implementation monitoring surveys	Yes	Malcolm Cross	District Ranger and Deputy District Ranger
5. Shaheen SF4 Restoration	Implementation in FY24.	Shaheen Design Maps, workshop presentation	Botany/Invasives, Engineering, Karst, Silviculture, Soils, Wildlife	2023	Post-implementation monitoring surveys	Yes	Malcolm Cross	District Ranger and Deputy District Ranger
6. Shaheen MS1 Restoration	Implementation in FY24.	Shaheen Design Maps, workshop presentation	Botany/Invasives, Engineering, Karst, Silviculture, Soils, Wildlife	2024	Post-implementation monitoring surveys	No	Malcolm Cross	District Ranger and Deputy District Ranger
7. Shaheen MS3 Restoration	Implementation in FY24.	Shaheen Design Maps, workshop presentation	Botany/Invasives, Engineering, Karst, Silviculture, Soils, Wildlife	2024	Post-implementation monitoring surveys	No	Malcolm Cross	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	Malcolm Cross	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	Malcolm Cross	District Ranger and Deputy District Ranger
Fish Crossings/Aquatic Organism Passage (AOPs)								
1. AOP 2100000 MP 12.53	Implementation in 2024.	AOP Spreadsheet, Fish Barrier Culverts Map	Complete	Completed	Post-implementation monitoring	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	Post-implementation monitoring	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	Post-implementation monitoring	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	Post-implementation monitoring	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	Post-implementation monitoring	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	Post-implementation monitoring	Yes	Andrew Sanders	District Ranger and Deputy District Ranger
Invasive Species Management								
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



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
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
Sustainable Recreation								
1. Sunnahae Trail Reconstruction	Monitoring; possible maintenance	Public workshop presentation	Completed	Completed	Monitoring; possible maintenance	N/A	Justin Donnelley	District Ranger and Deputy District Ranger
2. Harris River Campground and Picnic Area Vault Toilet Replacement	Monitoring; possible maintenance	Public workshop presentation	Completed before implementation	2023	Monitoring; possible maintenance	N/A	Justin Donnelley	District Ranger and Deputy District Ranger
3. Sarkar Canoe Route and Cabin Enhancements	Monitoring; possible maintenance	Public workshop presentation	Completed before implementation	2023	Monitoring; possible maintenance	N/A	Justin Donnelley	District Ranger and Deputy District Ranger
4. One Duck Trail and Shelter Rebuild	Monitoring; possible maintenance	Public workshop presentation	Completed before implementation	2023	Monitoring; possible maintenance	N/A	Justin Donnelley	District Ranger and Deputy District Ranger
5. Mooring Buoy Repair/Replacements	Monitoring; possible maintenance	Public workshop presentation	Completed before implementation	2023	Monitoring; possible maintenance	N/A	Justin Donnelley	District Ranger and Deputy District Ranger
6. El Cap Recreation Area enhancements	Campground improvements and 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
7. Subalpine Snow Trails	Planning/resource surveys. May be able to begin some preparatory field work. Over the Snow Policy and procedures need to be reviewed.	Maps and previous presentations	All Resource surveys needed	2023-2027	N/A	No	Justin Donnelley	District Ranger and Deputy District Ranger
8. Twelve Mile Arm Cabin vault toilet installation	Planning and design in 2024. Construction in 2025.	Previous workshop poster	All Resource surveys needed	2023-2027	N/A	No	Justin Donnelley	District Ranger and Deputy District Ranger
9. Karta River Trail reconstruction and cabin improvements	Planning; will need survey and design narrative to create a project. Section 106 Review, and tribal consultation will be an 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
10. 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
11. Salmon Bay Deferred Maintenance	Planning/Survey and Design	Workshop maps and presentations	All Resource surveys needed	2024-2026	N/A	No	Justin Donnelley	District Ranger and Deputy District Ranger
All								
1. Involve the public.	Hold Spring and Fall Workshops and public comment periods. Share accomplishments, monitoring and assessments. See also Botany Activity #13.		N/A	N/A	N/A	N/A	Quentin Hall	District Ranger and Deputy District Ranger



FISCAL YEARS 2025-2028 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
Stream Restoration									
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	Malcolm Cross	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	Malcolm Cross	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	Malcolm Cross	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	Malcolm Cross	District Ranger and Deputy District Ranger	2024-2026
Fish Crossings/Aquatic Organism Passage (AOPs)									
1. AOP 2120000 MP 10.26	Implementation in 2025-2027	AOP Spreadsheet, Fish Barrier Culverts Map	Soils, botany, heritage	2023-2026	Post-implementation monitoring	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	Post-implementation monitoring	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	Post-implementation monitoring	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	Post-implementation monitoring	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	Post-implementation monitoring	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	Post-implementation monitoring	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	Post-implementation monitoring	No	Andrew Sanders	District Ranger and Deputy District Ranger	2024-2026
Invasive Species Management									
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



FISCAL YEARS 2025-2028 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
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.	Public workshop maps and treatment plan	Complete	Completed	Monitoring/possible treatment	No	Valeria Cancino	District Ranger and Deputy District Ranger	Ongoing
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
Sustainable Recreation									
1. Sunnahae Trail Reconstruction	Monitoring; possible maintenance	Public workshop presentation	Completed	Completed	Monitoring; possible maintenance	N/A	Justin Donnelley	District Ranger and Deputy District Ranger	Sunnahae Trail Reconstruction
2. Harris River Campground and Picnic Area Vault Toilet Replacement	Monitoring; possible maintenance	Public workshop presentation	Completed before implementation	2023	Monitoring; possible maintenance	N/A	Justin Donnelley	District Ranger and Deputy District Ranger	Harris River Campground and Picnic Area Vault Toilet Replacement



FISCAL YEARS 2025-2028 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. Sarkar Canoe Route and Cabin Enhancements	Monitoring; possible maintenance	Public workshop presentation	Completed before implementation	2023	Monitoring; possible maintenance	N/A	Justin Donnelley	District Ranger and Deputy District Ranger	Sarkar Canoe Route and Cabin Enhancements
4. One Duck Trail and Shelter Rebuild	Monitoring; possible maintenance	Public workshop presentation	Completed before implementation	2023	Monitoring; possible maintenance	N/A	Justin Donnelley	District Ranger and Deputy District Ranger	One Duck Trail and Shelter Rebuild
5. Mooring Buoy Repair/Replacements	Monitoring; possible maintenance	Public workshop presentation	Completed before implementation	2023	Monitoring; possible maintenance	N/A	Justin Donnelley	District Ranger and Deputy District Ranger	Mooring Buoy Repair/Replacements
6. El Cap Recreation Area enhancements	Boat launch improvements 2025; ongoing monitoring and possible maintenance.	Public workshop map and presentation	Completed before implementation	2023-2025	N/A	Yes, GAOA	Justin Donnelley	District Ranger and Deputy District Ranger	El Cap Recreation Area enhancements
7. Subalpine Snow Trails	Continued protection of access to identified routes; improvements based on interest and volunteer investment	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
8. Twelve Mile Arm Cabin vault toilet installation	Construction of road and outhouse installation in 2025; ongoing monitoring and possible maintenance.	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
9. Karta River Trail reconstruction and cabin improvements	Planning, survey and design in 2025; Implementation in 2026-2027.	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
10. Salmon Bay Deferred Maintenance	Planning, survey and design in 2024-2025; construction in 2026-2027.	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
11. 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
12. 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
13. 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
14. 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
15. 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
All									All
1. Involve the public.	Hold Spring and Fall Workshops and public comment periods. Share accomplishments, monitoring and assessments. See also Botany Activity #13.		N/A	N/A	N/A	N/A	Quentin Hall	District Ranger and Deputy District Ranger	Each year for the life of the project.

Approved by



X

BRIAN M. PENTECOST
District Ranger