



Prince of Wales Landscape Level Analysis (POW LLA) Long-term Plan – DRAFT Spring 2025

This implementation plan is provided for review during the Spring 2025 Workshop, as part of the on-going public involvement process for the Prince of Wales Landscape Level Analysis (POW LLA) Project. This Long-term Plan is a living document. The purpose of this document is to conduct a transparent implementation process that keeps the public informed of and involved in the activity location, timing and design; to support continued public participation and collaborative learning that occurred during the planning phase, encourage and support the continuation of collaborative efforts throughout implementation; and ensure integrated engagement of interdisciplinary team members, field resource specialists, scientists, Line Officers, and the public. Projects and activities must meet the requirements set forth in the project’s Record of Decision (ROD) and Final Environmental Impact Statement (FEIS). For additional information, please refer to the [POW LLA project website](#) for more information on the project; see [Appendix 2: Implementation Plan](#) for details on the POW LLA implementation, activity requirements, and decision-tree process.

Once a year, we seek public input on the activities, location, timing and design of activities implemented under POW LLA. At the workshops, the Forest Service and the public will be able to present activities that they would like to be implemented and will help to determine locations, activity design components, methods, mitigation measures, and integration opportunities for activities presented. The public will have the opportunity to provide feedback to the Forest Service regarding prior-year management, potential changes in the implementation process, monitoring results, GIS tools, and priority sequences of activities. Following the workshop, activities that are decided to be implemented will be placed on the Project Out-year Plan as “draft” and will be posted to the project website for additional public review and comment. The Line Officer retains the authority to make final decisions related to location, extent, and types of activities planned and completed, consistent with the ROD.

Projects and activities listed here represent intent based on current information, priorities, field conditions, public input, and other information. While we do our best to incorporate public comments and implement all projects in a timely manner, our activities must adhere to project limitations, mandates, policy, priorities, staffing, funding, permitting, and safety, among other factors. For example, weather, safety, funding or staffing limitations may delay project implementation. Activities outside of POW LLA are not presented here. For broader (non-POW LLA specific) district priorities, please refer to the annual District Objectives and Key Results.

For the Spring 2025 Workshop, we are also accepting comments on the 2025 Draft Invasive Plant Treatment Plan which provides additional information about proposed invasive plant treatments. Please note that the 2025 version of this plan remains unchanged from the 2024 version, and we have only delayed implementation.



Prince of Wales Landscape Level Analysis (POW LLA) Long-term Plan – DRAFT Spring 2025

Stream Restoration	Line Officer: District Ranger and Deputy Ranger	Activity Leader: Malcolm Cross						
Activity	Description	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025 – Current Planning Year	FY 2026	FY 2027
1. Nahania Creek Restoration	Placement of large wood within and along 0.32 miles of stream. Implementation completed in FY 2021.	Implementation completed	Post-restoration monitoring Year 1	Post-restoration monitoring Year 2	N/A	N/A	Post-restoration monitoring Year 5	N/A
2. Shaheen NF1 Restoration	Sourcing, staging, and placement of large wood within and along 0.11 miles of stream. Implementation completed in FY 2022 in partnership with NFF.	Planning	Implementation completed	Post-restoration monitoring Year 1	Post-restoration monitoring Year 2	N/A	N/A	Post-restoration Monitoring Year 5
3. Shaheen SF2 US Restoration	Sourcing, staging, and placement of large wood within and along 0.21 miles of stream. Implementation completed in FY 2022 in partnership with NFF.	Planning	Implementation complete	Post-restoration monitoring Year 1	Post-restoration monitoring Year 2	N/A	N/A	Post-restoration Monitoring Year 5
4. Shaheen MS4 Restoration	Sourcing, staging, and placement of large wood within and along 0.22 miles of stream. Implementation will occur in FY 2023 in partnership with NFF.	N/A	Planning	Implementation Completed	Post-restoration monitoring Year 1	Post-restoration monitoring Year 2	N/A	N/A
5. Shaheen SF4 Restoration	Sourcing, staging, and placement of large wood within and along 0.27 miles of stream. Implementation will occur in FY 2024 in partnership with NFF.	N/A	N/A	Planning	Implementation	Post-restoration monitoring Year 1	Post-restoration monitoring Year 2	N/A
6. Shaheen SF2 DS Restoration	Sourcing, staging, and placement of large wood within and along 0.06 miles of stream. Implementation will occur in FY 2024 in partnership with NFF.	N/A	N/A	Planning	Implementation	Post-restoration monitoring Year 1	Post-restoration monitoring Year 2	N/A
7. Shaheen SF1 DS Restoration	Sourcing, staging, and placement of large wood within and along 0.05 miles of stream. Road prism material removal on NFS Road 2051000_1.75L. Implementation will occur in FY 2024 in partnership with NFF.	N/A	N/A	Planning	Implementation	Post-restoration monitoring Year 1	Post-restoration monitoring Year 2	N/A
8. NFS 2051040 Road Storage	Water crossing culverts will be removed and typical OHV crossing will be installed. Implementation will occur in FY 2024 in partnership with NFF.	N/A	N/A	Planning	Implementation	N/A	N/A	N/A
9. NFS 2050890 Road prism material removal.	Road prism material from old bridge abutments will be removed along the main stem Shaheen Creek on NFS 2050890 Road. Implementation will occur in partnership with NFF.	N/A	N/A	Planning	Implementation	N/A	N/A	N/A
10. Shaheen SF3 Restoration	Sourcing, staging, and placement of large wood via hand tools within and along 0.34 miles of stream. Resource surveys needed.	N/A	N/A	N/A	Planning	Implementation	Post-restoration monitoring Year 1	Post-restoration monitoring Year 2
11. Barren Creek Restoration	Sourcing, staging, and placement of large wood via hand tools within and along 0.13 miles of stream, in coordination with the TBB IRMP project.	N/A	N/A	Planning	Planning	Implementation	Post-restoration monitoring Year 1	Post-restoration Monitoring Year 2



Prince of Wales Landscape Level Analysis (POW LLA) Long-term Plan – DRAFT Spring 2025

Fish Crossings/Aquatic Organism Passage (AOPs)	Line Officer: District Ranger and Deputy Ranger	Activity Leader: Derek Kuda Hannah Harris						
Activity	Description	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025 – Current Planning Year	FY 2026	FY 2027
1. AOP 2100000 MP 5.71	Replace undersized culvert with larger culvert.	Implementation.	Monitoring and adaptive management.	Monitoring and adaptive management.	Monitoring and adaptive management: Beaver dam in culvert cleared.	Monitoring and adaptive management.	Monitoring and adaptive management.	Monitoring and adaptive management.
2. AOP 3036000 MP 0.27	Replace undersized culvert with larger culvert.	Implementation.	Monitoring and adaptive management.	Monitoring and adaptive management.	Monitoring and adaptive management.	Monitoring and adaptive management.	Monitoring and adaptive management.	Monitoring and adaptive management.
3. AOP 2050000 MP 19.51	Replace undersized culvert with 59' bridge.	Design complete.	Implementation delayed due to shortage of materials and high cost.	Delayed	Implemented. Pink Salmon spawned upstream after bridge installed	Monitoring and adaptive management	Monitoring and adaptive management	Monitoring and adaptive management.
4. AOP 2050000 MP 22.23	Replace undersized culvert with larger culvert.	Design complete.	Implementation delayed due to shortage of materials and high cost.	Implemented	Monitoring and adaptive management. Erosion below outlet. Planning mitigation.	Monitoring and adaptive management	Monitoring and adaptive management	Monitoring and adaptive management.
5. AOP 2050400 MP 4.49	Replace undersized culvert with larger culvert.	Design complete.	Implementation delayed due to shortage of materials and high cost.	Implemented. 24" plastic pipe on upstream ditch. Eventually replace it.	Monitoring and adaptive management.	Monitoring and adaptive management	Monitoring and adaptive management	Monitoring and adaptive management.
6. AOP 2051000 MP 1.42	Replace undersized culvert with 59' bridge.	Design complete.	Implementation delayed due to shortage of materials and high cost.	Implemented: 100's of Adult Pink Salmon seen US afterwards.	Monitoring and adaptive management	Monitoring and adaptive management	Monitoring and adaptive management	Monitoring and adaptive management.
7. AOP 3000000 MP 21.37	Replace undersized culvert with larger culvert.	N/A	Planning	Planning	Implementation delayed. Pipe arrived late.	Implementation	Monitoring and adaptive management	Monitoring and adaptive management.
8. AOP 3000000 MP 86.646	Replace undersized culvert with larger culvert.	N/A	Planning	Implemented	Monitoring and adaptive management	Monitoring and adaptive management	Monitoring and adaptive management	Monitoring and adaptive management.
9. AOP 3030700 MP 3.88	Replace undersized culvert with larger culvert.	N/A	Planning	Implemented	Monitoring and adaptive management	Monitoring and adaptive management	Monitoring and adaptive management	Monitoring and adaptive management.
10. AOP 2050000 MP 10.36	Replace undersized culvert with 70'6" bridge.	N/A	Planning	Implemented	Monitoring and adaptive management	Monitoring and adaptive management	Monitoring and adaptive management	Monitoring and adaptive management.
11. AOP 2050000 MP 14.69	Replace undersized culvert with larger culvert.	N/A	Planning	Implemented	Monitoring and adaptive management. Footer at outlet undercut.	Monitoring and adaptive management	Monitoring and adaptive management	Monitoring and adaptive management.
12. AOP 3030110 MP 0.28	Replace undersized culvert with 49' bridge.	N/A	Planning	Implemented	Monitoring and adaptive management	Monitoring and adaptive management	Monitoring and adaptive management	Monitoring and adaptive management.
13. AOP 2120000 MP 9.58	Replace undersized culvert with larger culvert.	N/A	Planning	Implemented	Monitoring and adaptive management	Monitoring and adaptive management	Monitoring and adaptive management	Monitoring and adaptive management.
14. AOP 2100000 MP 12.53	Replace undersized culvert with larger culvert.	N/A	N/A	Planning	Implemented	Monitoring and adaptive management	Monitoring and adaptive management	Monitoring and adaptive management.



Prince of Wales Landscape Level Analysis (POW LLA) Long-term Plan – DRAFT Spring 2025

Stream Restoration	Line Officer: District Ranger and Deputy Ranger	Activity Leader: Malcolm Cross						
Activity	Description	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025 – Current Planning Year	FY 2026	FY 2027
15. AOP 2050300 MP 4.67	Replace undersized culvert with larger squashed pipe.	N/A	N/A	Planning	Planning	Implementation	Monitoring and adaptive management	Monitoring and adaptive management.
16. AOP 2030790 MP 1.08	Replace undersized culvert with larger culvert.	N/A	N/A	Planning	Implemented	Monitoring and adaptive management	Monitoring and adaptive management	Monitoring and adaptive management.
17. AOP 2056000 MP 0.66	Replace undersized culvert with larger bottomless arch.	N/A	N/A	Planning	Planning	Implementation	Monitoring and adaptive management	Monitoring and adaptive management.
18. AOP 2059300 MP 1.12	Replace undersized culvert with larger bottomless arch.	N/A	N/A	Planning	Planning	Implementation	Monitoring and adaptive management	Monitoring and adaptive management
19. AOP 3013000 MP 1.6	Replace failing culvert with a 40' bridge.	N/A	N/A	Planning	Implemented	Monitoring and adaptive management	Monitoring and adaptive management	Monitoring and adaptive management
20. AOP 3000000 MP 20.77	Replace undersized culvert with larger culvert.	N/A	N/A	Planning	Planning	Implementation	Monitoring and adaptive management	Monitoring and adaptive management
21. AOP 3020 MP 0.73	Replace undersized culvert with 49' bridge.	N/A	N/A	Planning	Planning	Implementation	Monitoring and adaptive management	Monitoring and adaptive management
22. AOP 3020 MP 0.74	Replace undersized culvert with larger culvert.	N/A	N/A	Planning	Planning	Implementation	Monitoring and adaptive management	Monitoring and adaptive management
23. AOP 2051000 MP 0.28	Replace 105' bridge with 120' bridge.	N/A	N/A	N/A	Planning	Planning	Implementation	Monitoring and adaptive management
24. AOP 3013000 MP 1.06	Replace 40' bridge.	N/A	N/A	N/A	Planning	Planning	Implementation	Monitoring and adaptive management
25. AOP 2050000 MP 20.24	Replace 70' bridge	N/A	N/A	N/A	Planning	Planning	Implementation	Monitoring and adaptive management
26. AOP 3015100 MP 0.6	Replace 40' bridge.	N/A	N/A	N/A	Planning	Planning	Implementation	Monitoring and adaptive management
27. AOP 2050000 MP 21.88	Replace undersized culvert with larger culvert.	N/A	N/A	N/A	Planning	Planning	Implementation	Monitoring and adaptive management.
28. AOP 2050000 MP 22.43	Replace undersized culvert with larger culvert.	N/A	N/A	N/A	Planning	Planning	Implementation	Monitoring and adaptive management.
29. AOP 2050000 MP 22.96	Replace undersized culvert with larger culvert.	N/A	N/A	N/A	Planning	Planning	Implementation	Monitoring and adaptive management.



Prince of Wales Landscape Level Analysis (POW LLA) Long-term Plan – DRAFT Spring 2025

Stream Restoration	Line Officer: District Ranger and Deputy Ranger	Activity Leader: Malcolm Cross						
Activity	Description	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025 – Current Planning Year	FY 2026	FY 2027
30. AOP 2050000 MP 19.19	Replace undersized culvert with larger culvert. Needs design update.	N/A	N/A	N/A	Planning	Planning	Implementation	Monitoring and adaptive management.
31. AOP 2025000 MP 1.7	Replace undersized culvert with larger culvert.	N/A	N/A	N/A	Planning	Planning	Implementation	Monitoring and adaptive management.
32. AOP 2058000 MP 0.71	Replace 70' bridge.	N/A	N/A	N/A	N/A	Planning	Implementation	Monitoring and adaptive management.
33. AOP 2050000 MP 19.53	Replace undersized culvert with larger culvert.	N/A	N/A	N/A	Planning	Planning	Implementation	Monitoring and adaptive management.
34. AOP 2050000 MP 19.2	Replace undersized culvert with larger culvert.	N/A	N/A	N/A	Planning	Planning	Implementation	Monitoring and adaptive management.
35. AOP 3017000 MP 3.529	Replace undersized culvert with larger culvert.	N/A	N/A	N/A	Planning	Planning	Implementation	Monitoring and adaptive management.
36. AOP 3017000 MP 3.479	Replace undersized culvert with larger culvert.	N/A	N/A	N/A	Planning	Planning	Implementation	Monitoring and adaptive management.
37. AOP 3017000 MP 3.639	Replace undersized culvert with larger culvert.	N/A	N/A	N/A	Planning	Planning	Implementation	Monitoring and adaptive management.
38. AOP 3017400 MP 0.060	Replace undersized culvert with larger culvert.	N/A	N/A	N/A	Planning	Planning	Implementation	Monitoring and adaptive management.
39. 3000170 Rd from MP 0.585 to MP 1.225	Remove failing and undersized culverts at MPs 0.802, 0.815, and 0.93 and install drainage at MPs 0.999 and 1.066 via blasting.	N/A	N/A	N/A	Planning	Implementation	Monitoring and adaptive management	Monitoring and adaptive management.
40. 3000000 MP45.93	Replace undersized & perched culvert with a larger culvert.	N/A	N/A	N/A	Planning	Implementation	Monitoring and adaptive management	Monitoring and adaptive management.
41. 300000 MP 46.2	Replace undersized & perched culvert with larger aluminum box culvert.	N/A	N/A	N/A	Planning	Implementation	Monitoring and adaptive management	Monitoring and adaptive management.
42. 3000000 MP 45.26	Replace undersized culvert with larger culvert.	N/A	N/A	N/A	N/A	Planning	Implementation	Monitoring and adaptive management.
43. 30000 45.19R-0.076	Remove log culvert	N/A	N/A	N/A	N/A	Planning	Implementation	Monitoring and adaptive management.
44. 3000000 MP 45.7	Replace undersized culvert with larger culvert.	N/A	N/A	N/A	N/A	Planning	Implementation	Monitoring and adaptive management.



Prince of Wales Landscape Level Analysis (POW LLA) Long-term Plan – DRAFT Spring 2025

Stream Restoration	Line Officer: District Ranger and Deputy Ranger	Activity Leader: Malcolm Cross						
Activity	Description	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025 – Current Planning Year	FY 2026	FY 2027
45. 3000000 MP 46.38	Replace undersized culvert with larger culvert.	N/A	N/A	N/A	N/A	Planning	Implementation	Monitoring and adaptive management.
46. 3000000 MP 47.63	Replace undersized culvert with larger culvert.	N/A	N/A	N/A	N/A	Planning	Implementation	Monitoring and adaptive management.
47. 3016000 MP 0.29	Replace failing culvert with culvert or bridge.	N/A	N/A	N/A	N/A	Planning	Implementation	Monitoring and adaptive management.



Prince of Wales Landscape Level Analysis (POW LLA) Long-term Plan – DRAFT Spring 2025

Invasive Species Management	Line Officer: District Ranger and Deputy Ranger	Activity Leader: Valeria Cancino, Abby Hoffman						
Activity	Description	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025 – Current Planning Year	FY 2026	FY 2027
Invasive Treatment Plan	<i>**See 2025 Invasive Plant Treatment Plan for more details.</i>							
1. Japanese knotweed (<i>Polygonum cuspidatum</i>) along Twelvemile Arm	Ongoing monitoring; possible treatment of invasive species, using appropriate methods for infestation, time of year, and current conditions.	Implementation; completed 1.25 acres of manual treatment.	Ongoing monitoring; manual treated 1.25 acres	Manually treated 1.25 acres.	Ongoing monitoring; possible manual and chemical treatment, area dependent upon conditions.	Ongoing monitoring; possible manual and chemical treatment, area dependent upon conditions.	Ongoing monitoring; possible manual and chemical treatment, area dependent upon conditions.	Ongoing monitoring; possible manual and chemical treatment, area dependent upon conditions.
2. Canada thistle (<i>Cirsium arvense</i>) along Rd 2340000	Ongoing monitoring; possible treatment of invasive species, using appropriate methods for infestation, time of year, and current conditions.	Implementation; completed 4.7 acres of manual treatment.	Ongoing monitoring.	Treated 4.0 acres of Canada thistle with aminopyralid.	Ongoing monitoring; possible manual and chemical treatment, area dependent upon conditions.	Ongoing monitoring; possible manual and chemical treatment, area dependent upon conditions.	Ongoing monitoring; possible manual and chemical treatment, area dependent upon conditions.	Ongoing monitoring; possible manual and chemical treatment, area dependent upon conditions.
3. Canada thistle (<i>Cirsium arvense</i>) and bull thistle (<i>Cirsium vulgare</i>) near intersection of North POW Rd and Coffman Cove Rd	Ongoing monitoring; possible treatment of invasive species, using appropriate methods for infestation, time of year, and current conditions.	Implementation; completed 3.0 acres of manual treatment.	Ongoing monitoring.	Ongoing monitoring	Ongoing monitoring; possible manual and chemical treatment, area dependent upon conditions.	Ongoing monitoring; possible manual and chemical treatment, area dependent upon conditions.	Ongoing monitoring; possible manual and chemical treatment, area dependent upon conditions.	Ongoing monitoring; possible manual and chemical treatment, area dependent upon conditions.
4. Bull thistle (<i>Cirsium vulgare</i>) near intersection of RD 203000W and Big Salt – Thorne Bay Rd	Ongoing monitoring; possible treatment of invasive species, using appropriate methods for infestation, time of year, and current conditions.	Implementation; completed 0.5 acres manual treatment.	Ongoing monitoring.	Ongoing monitoring; found and pulled one stem of bull thistle	Ongoing monitoring; possible manual and chemical treatment, area dependent upon conditions.	Ongoing monitoring; possible manual and chemical treatment, area dependent upon conditions.	Ongoing monitoring; possible manual and chemical treatment, area dependent upon conditions.	Ongoing monitoring; possible manual and chemical treatment, area dependent upon conditions.
5. Bull thistle (<i>Cirsium vulgare</i>) along Coffman Cove Road	Ongoing monitoring; possible treatment of invasive species, using appropriate methods for infestation, time of year, and current conditions.	Implementation; completed 4.7 acres manual treatment.	Ongoing monitoring.	Ongoing monitoring; treated 0.1 acres with aminopyralid	Ongoing monitoring; possible manual and chemical treatment, area dependent upon conditions.	Ongoing monitoring; possible manual and chemical treatment, area dependent upon conditions.	Ongoing monitoring; possible manual and chemical treatment, area dependent upon conditions.	Ongoing monitoring; possible manual and chemical treatment, area dependent upon conditions.
6. Bull thistle (<i>Cirsium vulgare</i>), Canada thistle (<i>Cirsium arvense</i>), along Federal Way (RD 3000134)	Ongoing monitoring; possible treatment of invasive species, using appropriate methods for infestation, time of year, and current conditions.	Implementation; completed 1.0 acre bull thistle manual treatment.	Ongoing monitoring.	Ongoing monitoring	Ongoing monitoring; possible manual and chemical treatment, area dependent upon conditions.	Ongoing monitoring; possible manual and chemical treatment, area dependent upon conditions.	Ongoing monitoring; possible manual and chemical treatment, area dependent upon conditions.	Ongoing monitoring; possible manual and chemical treatment, area dependent upon conditions.
7. Spotted knapweed (<i>Centaurea stoebe</i> ssp. <i>micranthos</i>) near intersection of RD 2000652, Long Lake, and FH43	Ongoing monitoring; possible treatment of invasive species, using appropriate methods for infestation, time of year, and current conditions.	N/A	N/A	N/A	N/A	Implementation/treatment	Ongoing monitoring; possible manual and chemical treatment, area dependent upon conditions.	Ongoing monitoring; possible manual and chemical treatment, area dependent upon conditions.



Prince of Wales Landscape Level Analysis (POW LLA) Long-term Plan – DRAFT Spring 2025

Invasive Species Management	Line Officer: District Ranger and Deputy Ranger	Activity Leader: Valeria Cancino, Abby Hoffman						
Activity	Description	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025 – Current Planning Year	FY 2026	FY 2027
8. Spotted knapweed (<i>Centaurea stoebe</i> ssp. <i>micranthos</i>) along Bay Lake Rd (300000N)	Ongoing monitoring; possible treatment of invasive species, using appropriate methods for infestation, time of year, and current conditions.	N/A	N/A	N/A	N/A	Implementation/treatment	Ongoing monitoring; possible manual and chemical treatment, area dependent upon conditions.	Ongoing monitoring; possible manual and chemical treatment, area dependent upon conditions.
9. Canada thistle (<i>Cirsium arvense</i>) along Big Salt – Thorne Bay Road (2 locations)	Ongoing monitoring; possible treatment of invasive species, using appropriate methods for infestation, time of year, and current conditions.	N/A	N/A	N/A	N/A	Implementation/treatment	Ongoing monitoring; possible manual and chemical treatment, area dependent upon conditions.	Ongoing monitoring; possible manual and chemical treatment, area dependent upon conditions.
10. Bull thistle (<i>Cirsium vulgare</i>) along Fish City (RD 2360000)	Ongoing monitoring; possible treatment of invasive species, using appropriate methods for infestation, time of year, and current conditions.	N/A	N/A	N/A	N/A	Implementation/treatment	Ongoing monitoring; possible manual and chemical treatment, area dependent upon conditions.	Ongoing monitoring; possible manual and chemical treatment, area dependent upon conditions.
11. Spotted knapweed (<i>Centaurea stoebe</i> ssp. <i>micranthos</i>) along FS 2050600, 925, and 205400	Ongoing monitoring; possible treatment of invasive species, using appropriate methods for infestation, time of year, and current conditions.	N/A	N/A	N/A	N/A	Implementation/treatment	Ongoing monitoring; possible manual and chemical treatment, area dependent upon conditions.	Ongoing monitoring; possible manual and chemical treatment, area dependent upon conditions.
12. Bull thistle (<i>Cirsium vulgare</i>) along Lake Ellen Spur A (2030950)	Ongoing monitoring; possible treatment of invasive species, using appropriate methods for infestation, time of year, and current conditions.	N/A	N/A	N/A	N/A	Implementation/treatment	Ongoing monitoring; possible manual and chemical treatment, area dependent upon conditions.	Ongoing monitoring; possible manual and chemical treatment, area dependent upon conditions.
13. Bull thistle (<i>Cirsium vulgare</i>) along Lake Ellen Road East	Ongoing monitoring; possible treatment of invasive species, using appropriate methods for infestation, time of year, and current conditions.	N/A	N/A	N/A	N/A	Implementation/treatment	Ongoing monitoring; possible manual and chemical treatment, area dependent upon conditions.	Ongoing monitoring; possible manual and chemical treatment, area dependent upon conditions.
14. Bull thistle (<i>Cirsium vulgare</i>) along Overview (Rd 30000120)	Ongoing monitoring; possible treatment of invasive species, using appropriate methods for infestation, time of year, and current conditions.	N/A	N/A	N/A	N/A	Implementation/treatment	Ongoing monitoring; possible manual and chemical treatment, area dependent upon conditions.	Ongoing monitoring; possible manual and chemical treatment, area dependent upon conditions.



Prince of Wales Landscape Level Analysis (POW LLA) Long-term Plan – DRAFT Spring 2025

Invasive Species Management	Line Officer: District Ranger and Deputy Ranger	Activity Leader: Valeria Cancino, Abby Hoffman						
Activity	Description	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025 – Current Planning Year	FY 2026	FY 2027
15. Bull thistle (<i>Cirsium vulgare</i>) on Kosciusko road system (1525000)	Ongoing monitoring; possible treatment of invasive species, using appropriate methods for infestation, time of year, and current conditions.	NA	NA	NA	N/A	Implementation/treatment	Ongoing monitoring; possible manual and chemical treatment, area dependent upon conditions.	Ongoing monitoring; possible manual and chemical treatment, area dependent upon conditions.
16. Canada thistle (<i>Cirsium arvense</i>) on Kosciusko road system (150000W)	Ongoing monitoring; possible treatment of invasive species, using appropriate methods for infestation, time of year, and current conditions.	NA	NA	NA	N/A	Implementation/treatment	Ongoing monitoring; possible manual and chemical treatment, area dependent upon conditions.	Ongoing monitoring; possible manual and chemical treatment, area dependent upon conditions.
17. Bull thistle (<i>Cirsium vulgare</i>) along 2054000	Ongoing monitoring; possible treatment of invasive species, using appropriate methods for infestation, time of year, and current conditions.			NA	N/A	Implementation/treatment	Ongoing monitoring; possible manual and chemical treatment, area dependent upon conditions.	Ongoing monitoring; possible manual and chemical treatment, area dependent upon conditions.
18. Canada thistle (<i>Cirsium arvense</i>) on 925 and 2054350	Ongoing monitoring; possible treatment of invasive species, using appropriate methods for infestation, time of year, and current conditions.	NA	NA	NA	N/A	Implementation/treatment	Ongoing monitoring; possible manual and chemical treatment, area dependent upon conditions.	Ongoing monitoring; possible manual and chemical treatment, area dependent upon conditions.
19. Spotted knapweed (<i>Centaurea stoebe</i>) along road 2050601, 925, and 2054000	Ongoing monitoring; possible treatment of invasive species, using appropriate methods for infestation, time of year, and current conditions.	NA	NA	NA	N/A	Implementation/treatment	Ongoing monitoring; possible manual and chemical treatment, area dependent upon conditions.	Ongoing monitoring; possible manual and chemical treatment, area dependent upon conditions.
20. Reed canarygrass (<i>Phalaris arundaceae</i>) along Twelvemile Creek	Ongoing monitoring; possible treatment of invasive species, using appropriate methods for infestation, time of year, and current conditions.	NA	NA	NA	N/A	Implementation/treatment	Ongoing monitoring; possible manual and chemical treatment, area dependent upon conditions.	Ongoing monitoring; possible manual and chemical treatment, area dependent upon conditions.
21. Solicit interest and public participation in invasive species management on POW.	Invite public to participate in invasive species management.	Public participation in weed pulling.	Discussed opportunities for additional public participation in invasive species management esp. during the Fall 2022 workshop.	Invite public participation in weed pulls and/or other invasive species management.	Invite public participation in weed pulls and/or other invasive species management.	Invite public participation in weed pulls and/or other invasive species management.	Ongoing invitation for public participation.	Ongoing invitation for public participation.



Prince of Wales Landscape Level Analysis (POW LLA) Long-term Plan – DRAFT Spring 2025

Sustainable Recreation	Line Officer: District Ranger and Deputy Ranger	Activity Leader: Justin Donnelly						
Activity	Description	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025 – Current Planning Year	FY 2026	FY 2027
1. Sunnahae Trail Reconstruction	Reconstruction of alpine sections of Sunnahae Trail.	Completed draft design.	Final design completed. Implementation delayed due to staffing limitations/turnover.	Contract Solicited, No bids	Contract solicitation, Land easement work completion.	Start construction on Trail	Monitoring; possible maintenance.	N/A
2. Harris River Campground and Picnic Area Vault Toilet Replacement	Replace picnic tables and vault toilets.	Completed draft design.	Final design completed.	Challenge Cost Share Agreement Signed with Hydaburg Tribe	Planning.	Implementation of picnic tables and road grading. Start working on implementation plan for vault toilets with Hydaburg Tribe.	Implementation of vault toilets.	Monitoring, possible maintenance.
3. Sarkar Canoe Route and Cabin Enhancements	Improve canoe route and cabin.	Completed draft design.	Final design completed.	Complete 5 canoe launches, improve 0.5 miles board walk; build woodshed.	Completed all 9 canoe launches.	Plan for trail phase 2 (boardwalk maintenance).	Trail phase 2 implementation.	Monitoring, possible maintenance.
4. El Cap Recreation Area Enhancements	Trail to cave reconstruction; admin cabin improvements; boat launch improvements.	Design progress.	Trail to cave reconstruction and admin cabin improvements delayed due to staffing limitations/turnover.	Trail to cave reconstruction in partnership with Pacific Northwest and Natl Forest Foundation. Boat launch improvements delayed due to staffing limitations/turnover in FY2022. Delay in Boat Launch construction, Permits needed with State.	Campground improvements and cabin construction.	Campground improvements, cabin construction, boat launch construction.	Monitoring; possible maintenance.	N/A
5. Twelvemile Arm Cabin Vault Toilet Installation	Install vault toilet.	Planning and design.	NA	NA	Planning.	Planning, survey, and design.	Implementation (construction of road and outhouse installation).	Monitoring, possible maintenance.
6. Canoe Point	Improve Canoe Point facilities.	Contract awarded; completed.	N/A	N/A	N/A	N/A	N/A	
7. Subalpine Snow Trails	Identify and protect subalpine snow trails for snowmachines and nonmechanized snow trail use. Potential volunteer improvement of access routes to backcountry areas.	Initial planning	Determine breadth of interest and activities; identified non-mechanized snow activity interest.	N/A	Continued protection of access of identified routes; potential for access improvement.	Continued protection of access of identified routes. Potential for access improvement dependent on interest and volunteer investment.	Continued protection of access of identified routes. Potential for access improvement dependent on interest and volunteer investment.	
8. One Duck trail and Shelter Rebuild	Rebuild trail and shelter repair.	N/A	N/A	N/A	Planning and design.	Implementation.	Monitoring; possible maintenance.	Monitoring; possible maintenance.



Prince of Wales Landscape Level Analysis (POW LLA) Long-term Plan – DRAFT Spring 2025

Sustainable Recreation	Line Officer: District Ranger and Deputy Ranger	Activity Leader: Justin Donnelly						
Activity	Description	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025 – Current Planning Year	FY 2026	FY 2027
9. Mooring Buoy Repair/Replacements (GAOA)	Repair/replace buoys.	N/A	N/A	Implementation.	Monitoring; possible maintenance.	Monitoring; possible maintenance.	Monitoring; possible maintenance.	N/A
10. Karta River Trail Reconstruction and Cabin Improvements	Improve/reconstruct trail and improve cabin condition.	N/A	N/A	2 miles of trails brushed and surveyed.	Trail phase 1 (logged out trees, fixed Karta Falls Trail Staircase) implementation. Cabin maintenance planning. Trail phase 2 planning.	Trail phase 2 planning and implementation. Cabin maintenance implementation. Trail phase 3 planning.	Trail phase 3 planning.	Trail phase 3 implementation.
11. Salmon Bay Deferred Maintenance	N/A	N/A	N/A	Planning	Roof repair.	Planning, survey, design for foundation, trail, and trail bridge.	Foundation implementation, trail and trail bridge planning.	Implementation of trail reconstruction and trail bridge.
12. Recreation Infrastructure and Vegetation Management	Brush and clear down woody debris, cut and remove fallen trees, fell hazard trees, repair and maintain recreation site infrastructure (i.e., trails, cabins, day use sites).	N/A	N/A	N/A	Planning and Implementation	Implementation	Implementation	Implementation
13. Dog Salmon, Big Lake, Beaver Falls viewing deck improvements and maintenance	Maintenance, improvements, and potential reconstruction of viewing platforms.	N/A	N/A	N/A	Survey.	Survey, planning, and design.	Survey, planning, and design.	Implementation.
14. Josephine Lake Cabin Deferred Maintenance and Improvement	Maintenance, improvements, and potential reconstruction as needed at Josephine Lake Cabin. Construction of rock crib dock.	N/A	N/A	N/A	N/A	Survey, planning, and design.	Survey, planning, and design.	Implementation.
15. Removal of decommissioned outhouse at Gravelly Creek Picnic Area	Remove decommissioned outhouse at Gravelly Creek Picnic Area.	N/A	N/A	N/A	N/A	Planning.	Implementation.	Monitoring, maintenance as needed.
16. General trail maintenance	Maintain NFS system trails to Forest Service trail class standard.	N/A	N/A	N/A	N/A	Planning, implementation.	Planning, implementation.	Planning, implementation.
17. Motorized trail maintenance	Identify prioritize motorized trails based on public input. Maintain priority motorized trails to Forest Service trail class standards	N/A	N/A	N/A	N/A	Scoping, planning.	Planning, implementation.	Implementation.



Prince of Wales Landscape Level Analysis (POW LLA) Long-term Plan – DRAFT Spring 2025

Project-Wide	Line Officer: District Ranger and Deputy Ranger	Activity Leader: Ken Ostrom						
Activity	Description	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025– Current Planning Year	FY 2026	FY 2027
Involve the Public	Hold Spring and Fall workshops and public comment periods. Share accomplishments, monitoring, assessments, and proposed activities. First implemented in 2019; no workshops in 2020 due to COVID restrictions. Lead: Ken Ostrom	Fall and Spring workshops and public comment periods	Fall and Spring workshops and public comment periods	Fall and Spring workshops and public comment periods	Annual Spring workshop and public comment period	Annual Spring workshop and public comment period	Annual Spring workshop and public comment period	Annual Spring workshop and public comment period
Improve Signage: Fish Pass Viewing Interpretive Signs	Develop and install interpretive signs at fish pass viewing areas (Big Lake Fish Pass, Hatchery Creek Fish Pass, Cable Creek Fish Pass, and Dog Salmon Fish Pass) and Balls Lake Interpretive Trail. Lead: Hannah Harris.	N/A	N/A	Contract awarded	Installation	N/A	N/A	N/A

Line Officer Approval:

NICHOLAS REYNOLDS
ACTING DEPUTY DISTRICT
RANGER