

| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB | |
|----|--|--|--|--------------------------------|-----------------------|--|---|-------------------------------|---|---------------------|--|---|--|---------------------------------|--|--------------------------|--|-----------------------|-----------------------------------|---|-----------|--|---|--|--|--|----|----|--|
| 9 | Project Legend | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Active- partially or fully funded | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | Updated- information added or modified from 2013-2015 plan | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | Completed or In process of being completed | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | New- action is new to 3-year plan | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | No Change | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | Project Information | | | | | | | | | | | | | | Project Planning | | | | | | | Project Cost and Sources | | | Strategy | | | | |
| 17 | Type | Project Name | Brief Project Description | 2014 Restoration Priority | Sponsor | Limiting Factors | Reference Document | Habitat Type | Project Performance | Species Benefitting | Current Project Status | Funding Sources | 2014 | 2015 | 2016 | Continues Beyond 2016 | Total Project Cost | Est. 2014-2016 Budget | Existing funds (grants and local) | Unless otherwise noted, the results chain from the draft Nooksack Chinook MAMP is presented for the strategy. | | | | | | | | | |
| 18 | | | | | | | | | | Primary | Secondary | | In-Hand | Needed | task | est cost | task | est cost | task | est cost | | | | | | | | | |
| 19 | Multiple Areas in the Nooksack River Forks and Tributaries | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | Multiple Geographic Areas Within the Nooksack Forks and Tributaries | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | Restoration | Forest Road Assessment and Implementation | Assess high-risk forest roads in priority watersheds and develop prescriptions | Tier 1 or 2 depending on reach | USFS; Nooksack; SRST; | excessive sediment; channel instability | WRIA 1 SRP | Upland | prescriptions for 15 miles of orphaned road; volume of fill removed; miles of road abandoned | Chinook | | RMAP data and road status assessment completed, Continue pursuing funding to implement SF assessment prescriptions; Capacity funding allocated to USFS to implement assessment in NF Nooksack | \$53,250 for NF | \$100,000 for SF | Implement RIA methodology to 81 miles FS roads in NF basin (USFS); Prioritize orphan roads identified in RMAPs for treatment | \$50,000; \$53,250 | prioritize NF assessment road segments for treatment | \$50,000 | TBD | TBD | yes | \$153,250 | \$153,250 | \$53,250 | • Fine Sediment Source Reduction (WRIA1-RC2e-S1 Chinook MAMP Results Chain) | | | | |
| 22 | Program; combination; acquisition | Nooksack R. Forks Priority Reach Planning and Acquisition | Acquisition of fee title or conservation easements in priority areas for restoration and/or protection in SF, MF and NF reaches | Tier 1 or 2 depending on reach | SRST; WLT | multiple Recovery Plan factors | WRIA 1 SRP | | | chinook | steelhead, bull trout, coho, pink, other salmonids | 2013 South Fork Reach Acquisition Phase II Active | \$638,840 | \$1,007,887 | Landowner contacts; Complete 2013 funded acquisition | \$638,840 (RCO #13-1273) | Landowner contacts; acquisition | \$1,000,000 | Landowner contacts; acquisition | 1,000,000 | yes | \$2,638,840 | \$2,638,840 | \$638,840 | • Large Wood Restoration (WRIA1-RC2.1-S1 Chinook MAMP Results Chain) • Riparian Restoration (WRIA1-RC2.2-S1 Chinook MAMP Results Chain) • Floodplain Reconnection (WRIA1-RC2c-S1 Chinook MAMP Results Chain) • Floodplain-Salmon Recovery Integration (WRIA1-RC3-S1 Chinook MAMP Results Chain) | | | | |
| 23 | South Fork Nooksack | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | Multiple Reach Projects and Programs | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | Plan | Lower South Fork Joint Transportation/Restoration Planning | Develop habitat restoration projects in conjunction with possible replacement or relocation of existing County transportation infrastructure | TBD | WCPW | Multiple; specific factors tied to infrastructure location | WRIA 1 SRP | Instream, Riparian/Floodplain | TBD -dependent on limiting factors addressed | Chinook | steelhead, bull trout, coho, pink, other salmonids | Potter Road Bridge under construction 2014-2015; coordination with lower Black Slough project design | Non-salmon recovery sources | Nooksack Tribe grant in process | Potter Road bridge construction | Non-salmon sources | Potter Road bridge construction | Non-salmon sources | | | yes | TBD; see Black Slough project for salmon funding needs | TBD | TBD | • Floodplain-Salmon Recovery Integration (WRIA1-RC3-S1 Chinook MAMP Results Chain) | | | | |
| 26 | Research | South Fork Groundwater Model Development | Develop a groundwater-flow model and evaluate the influence of various restoration scenarios on temperature and baseflow in the South Fork. | | Nooksack Tribe/USGS | instream flow, temperature | Acme-Confluence Reach Assessment and Restoration Plan; WRIA 1 SRP | Wetlands | Exploratory MODFLOW model; USGS Data Series Report of hydrologic data for model calibration; USGS Scientific Investigations Report of surface-groundwater interactions in the South Fork Nooksack River | Chinook | Bull trout, steelhead, coho, pink, sockeye. | Phase 1 complete. Need additional funding for Phase 2. | \$150,000 | \$588,500 | Phase 2: Calibrate model; simulate and run restoration scenarios. | \$588,500 | | | | | | | \$738,500 | \$588,500 | \$150,000 | • Instream Flow Protection/Restoration (WRIA1-RC5-S1 Chinook MAMP Results Chain) | | | |
| 27 | South Fork Reach Projects and Programs | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 29 | Reach: Todd | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | Restoration | South Fork Black Slough Reach | ELJ construction | Tier 1 | Nooksack | low habitat diversity, lack of deep pools with cover, high temperatures | SRP; Acme-Confluence Assessment | Instream | 1.3 miles treated; 23 log jams placed (To be determined by design) | Chinook | | 2013 funding for Phase 1 | \$68,540 (RCO #10-1808); \$424,908 (RCO #13-1275) | \$500,000 | Phase 1 Construction | \$424,908 | Seek funding for Phase II | \$500,000 | Construction Phase II | | yes | \$993,448 | \$924,908 | \$493,448 | • Large Wood Restoration (WRIA1-RC2.1-S1 Chinook MAMP Results Chain) | | | | |
| 31 | Reach: Hardscrabble | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32 | Restoration | South Fork at Hardscrabble | ELJ construction | Tier 1 | Nooksack | low habitat diversity, lack of deep pools with cover | SRP; Acme-Confluence Assessment | Instream | 0.1 miles treated; 2 log jams placed | Chinook | | design completed, Phase 1 construction complete; subsequent phases constrained by landowner willingness | \$57,600 design grant (#09-1683); \$68,846 phase 1 construction (#11-1566) | \$0 | monitoring | \$2,000 | monitoring | \$2,000 | | yes (effectiveness monitoring over time) | \$170,056 | \$6,000 | \$170,056 | • Large Wood Restoration (WRIA1-RC2.1-S1 Chinook MAMP Results Chain) | | | | | |
| 34 | Reach: BNSF | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 35 | Restoration | McCarty Reach (6.5-8.5) | Instream restoration | Tier 1, Tier 2 | Lummi | Temperature, floodplain connectivity, lack of key habitat (pools, cover, off channel refugia), low habitat diversity | SRP; Acme-Confluence Assessment | Instream, floodplain | acres floodplain connected; instream pools; # miles treated | Chinook | steelhead, cutthroat, bull trout, coho | Concepts | | | Design | 80,000 | Restoration | 500,000 | Yes | \$580,000 | \$580,000 | | • Large Wood Restoration (WRIA1-RC2c-S1 Chinook MAMP Results Chain) • Floodplain Reconnection (WRIA1-RC2c-S1 Chinook MAMP Results Chain) | | | | | | |
| 37 | Reach: Hutchinson | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB | | | | | |
|----|--|--|---|-----------------------------------|-------------------------|--|--|-----------------------------|---|---------------------|--|---|--|--------------|---|---|---|-----------------------|-----------------------------------|---|-------------|--------------------------|--|--|--|-------------|-------------|---|--|--|--|--|--|
| 16 | Project Information | | | | | | | | | | | | | | Project Planning | | | | | | | Project Cost and Sources | | | Strategy | | | | | | | | |
| 17 | Type | Project Name | Brief Project Description | 2014 Restoration Priority | Sponsor | Limiting Factors | Reference Document | Habitat Type | Project Performance | Species Benefitting | Current Project Status | Funding Sources | 2014 | 2015 | 2016 | Continues Beyond 2016 | Total Project Cost | Est. 2014-2016 Budget | Existing funds (grants and local) | Unless otherwise noted, the results chain from the draft Nooksack Chinook MAMP is presented for the strategy. | | | | | | | | | | | | | |
| | Restoration | South Fork Downstream of Hutchinson Reach Restoration | ELJ construction | Tier 1 | Nooksack | low habitat diversity, lack of deep pools with cover, high temperatures | SRP; Acme-Saxon assessment | Instream; riparian function | 0.6 miles treated; 27 log jams placed | Chinook | steelhead, bull trout, coho, pink, other salmonids | Phase 1 and 2 constructed in 2006 and 2012; Phase 2 3 planned for 2014. Seeking funding for Phase 2a for 2015 construction. Subsequent phases dependent on landowner willingness. | \$68,540 (#10-1807) design; \$580,445 construction phase 1 and 2 (#11-1539); \$241,337 NEP funds | \$350,000 | Phase 2 construction | \$406,032 | Phase 2a construction | \$350,000 | | No | \$1,240,322 | 756,032 | 406,032 | <ul style="list-style-type: none"> Large Wood Restoration (WRIA1-RC2.1-S1 Chinook MAMP Results Chain) Riparian Restoration (WRIA1-RC2.2-S1 Chinook MAMP Results Chain) | | | | | | | | | |
| 38 | Restoration | South Fork Nessel's Reach Restoration | ELJ construction and riprap removal to restore conditions through reach | Tier 1 | Nooksack | low habitat diversity, lack of key habitat, high temperatures | SRP; Acme-Saxon assessment; SF Log Jam Effectiveness Monitoring 2011 | Instream | 1.6 miles treated | chinook | | Preliminary reach-scale design; final design for Phase 1; application for consideration as regional large capital project | \$100,000 (#12-1511) | \$3,020,062 | seek funding for phase 1 construction and design for Phases 2-3 | \$3,020,062 (Ph 1-3);\$90,000 (Ph 2-3 Design) | | Begin Construction | yes | \$3,120,062 | \$3,020,062 | 100,000 | <ul style="list-style-type: none"> Large Wood Restoration (WRIA1-RC2.1-S1 Chinook MAMP Results Chain) | | | | | | | | | | |
| 39 | Reach: Skookum | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 41 | Restoration | Skookum-Edfro Restoration | Design for instream restoration | Tier 1 or 2 depending on strategy | Lummi | increase and improve pool habitat, habitat quality and diversity; increase stability of existing mid-channel islands | SRP; SF Assessment | Instream | | Chinook | | 2013 funding received for design | \$84,723 | \$80,000 | complete preliminary design | \$84,723 | Construction | \$700,000 | | yes | \$784,723 | \$784,723 | \$84,723 | <ul style="list-style-type: none"> Large Wood Restoration (WRIA1-RC2.1-S1 Chinook MAMP Results Chain) | | | | | | | | | |
| 42 | Reach: Larson's Bridge | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 45 | Restoration | Upper Cavanaugh - Fobes Phase 2 South Fork Nooksack River In-Stream Restoration Design | Enhance Phase 1, Project design to improve habitat diversity and increase habitat quantity | Tier 1 | Lummi | low habitat diversity, elevated temperature, degraded floodplain and in-river channel structure | SRP; SF Assessment | Instream | #LWD Structures; pools, enhanced side channels, acres of floodplain reconnected | Chinook | BullTrout; Steelhead | conceptual | | \$1,490,000 | design | 90,000 | seek construction funding | 700,000 | construction | 700,000 | yes | \$1,490,000 | \$1,490,000 | | <ul style="list-style-type: none"> Large Wood Restoration (WRIA1-RC2.1-S1 Chinook MAMP Results Chain) Floodplain Reconnection (WRIA1-RC2c-S1 Chinook MAMP Results Chain) | | | | | | | | |
| 46 | Restoration | Camp 18 In-Stream Restoration Project | Design for restoration project | Tier 1 | Lummi | create and improve pool habitat; increase habitat quality and diversity | SRP; SF Assessment | Instream | | Chinook | | alternate 2013 SRFB project | | \$1,500,000 | seek design funding | 90,000 | seek funding for final design; Construction | 1,410,000 | construction | | yes | \$1,500,000 | \$1,500,000 | | <ul style="list-style-type: none"> Large Wood Restoration (WRIA1-RC2.1-S1 Chinook MAMP Results Chain) Riparian Restoration (WRIA1-RC2.2-S1 Chinook MAMP Results Chain) Floodplain Reconnection (WRIA1-RC2c-S1 Chinook MAMP Results Chain) | | | | | | | | |
| 47 | Restoration | Larson's Reach Phase 2 Instream Restoration project | Project feasibility, risk assessment, 100% design, and construction budget for permitting of a project that increases channel shading, provide thermal refuge, and instream shading in the Larson's Bridge reach. | Tier 1 | Lummi | 1, 2, 6, A3, A4, A8 | Upper S. Fork Nooksack River Habitat Assessment | Instream | #LWD Structures | Chinook | BullTrout; Steelhead | preliminary design; design grant funded; construction funding received | \$81,382 (#12-1515); \$1,503,672 (13-1280); other: \$501,109 | | Final design; Construction | \$1,503,672 | Construction | | | No | \$2,086,163 | \$2,004,781 | \$2,086,163 | <ul style="list-style-type: none"> Large Wood Restoration (WRIA1-RC2.1-S1 Chinook MAMP Results Chain) Riparian Restoration (WRIA1-RC2.2-S1 Chinook MAMP Results Chain) Floodplain Reconnection (WRIA1-RC2c-S1 Chinook MAMP Results Chain) | | | | | | | | | |
| 48 | Reach: Elk Flats | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 50 | Restoration | Elk Flats Restoration | Remove bank armoring and install log revetment to allow channel to migrate into southern terrace and move away from large sediment source | Tier 2a | Lummi | Sediment | Upper S. Fork Nooksack River Habitat Assessment | Instream | | Chinook | BullTrout; Steelhead | Conceptual | | \$60,650 | | Design | \$60,650 | | | yes | TBD | \$60,650 | | <ul style="list-style-type: none"> Fine Sediment Source Reduction (WRIA1-RC2e-S1 Chinook MAMP Results Chain) Riparian restoration (WRIA1-RC2.2-S1 Chinook MAMP Results Chain) | | | | | | | | | |
| 51 | Reach: Howard | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 52 | Restoration | FSR 1260 Road Decommission and Bridge Removal | Road decommissioning, bridge removal, and off channel habitat reconnection | | USFS | | | Instream | | | | Conceptual | | | To be added | To be added | TBD | TBD | TBD | TBD | | | | | To be added | To be added | To be added | <ul style="list-style-type: none"> Fine Sediment Source Reduction (WRIA1-RC2e-S1 Chinook MAMP Results Chain) Large Wood Restoration (WRIA1-RC2.1-S1 Chinook MAMP Results Chain) | | | | | |
| 53 | Middle Fork Nooksack and Tributaries | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 54 | Multiple Reach Projects and Programs | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 55 | Restoration | Middle Fork Diversion Dam | Identify and implement preferred alternative for addressing barrier. | Tier 1 | Bellingham; Co-Managers | reduced access to spawning habitat; obstructions | SRP | Fish Passage | | Chinook | | pending policy and partner discussions; on hold due to funding; applied for 2012 regional project of significance funding (not funded); 2014 application for PSAR large capital | \$3,000,000 | \$17,000,000 | policy/partner discussions; seek regional funding | \$20,000,000 | TBD | | | | TBD | \$20,000,000 | \$20,000,000 | \$3,000,000 (est local match) | <ul style="list-style-type: none"> Restore Chinook Passage (WRIA1-RC1-S1 Chinook MAMP Results Chain) | | | | | | | | |
| 56 | Middle Fork Reach Projects and Programs | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 57 | Reach: Porter | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 60 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB | | | | | |
|----|---|--|---|---------------------------|---------------------------------------|--|--|----------------------------------|---|---------------------|---|--|---|--|---|---|---|---|-----------------------------------|---|--------------------------|-------------|-------------------------------------|--------------|--|--|---|---|--|--|--|--|--|
| | Project Information | | | | | | | | | | | | | Project Planning | | | | | | | Project Cost and Sources | | | Strategy | | | | | | | | | |
| | Type | Project Name | Brief Project Description | 2014 Restoration Priority | Sponsor | Limiting Factors | Reference Document | Habitat Type | Project Performance | Species Benefitting | Current Project Status | Funding Sources | 2014 | 2015 | 2016 | Continues Beyond 2016 | Total Project Cost | Est. 2014-2016 Budget | Existing funds (grants and local) | Unless otherwise noted, the results chain from the draft Nooksack Chinook MAMP is presented for the strategy. | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | Restoration | Middle Fork Porter Creek Reach Instream Restoration | | Tier 1 | Lummi | Low habitat diversity, Lack of key habitat; Elevated water temperatures; Disconnected floodplain | MF Habitat Assessment; MF Porter reach basis of design | Instream | .42 miles side channel protected; 1.13 miles mainstem/side channel enhanced; 1.6 miles of side channel habitat | chinook | Bull trout, steelhead, coho | Conceptual design for reach; preliminary design for Phase 1 | | | | seek funding Phase 1 and final design for Phases 2-5 | 75000 design (P1); 110,000 (P2-5) | construct P1; seek construction funding P2-5 | PhA-827,300 | construction P2-5 | 1,040,645 | yes | \$3,810,000 | 3,810,000 | 400,000 | <ul style="list-style-type: none"> Large Wood Restoration (WRIA1-RC2.1-S1 Chinook MAMP Results Chain) Floodplain Reconnection (WRIA1-RC2c-S1 Chinook MAMP Results Chain) Riparian Restoration (WRIA1-RC2.2-S1 Chinook MAMP Results Chain) | | | | | | | |
| 61 | North Fork Nooksack and Tributaries | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 67 | North Fork Reach Projects and Programs | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 70 | Reach: Farmhouse | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 71 | Restoration | North Fork Farmhouse Reach Restoration | restore historic channel planform, habitat diversity, and habitat functions | Tier 1 | Nooksack | channel instability, low habitat diversity | SRP, North Fork Assessment | Instream | 157 structures placed; 3.0 miles treated; 2.1 miles of stable spawning habitat | Chinook | | Feasibility study and preliminary reach-scale design complete; Phase 1 design final; Phase 2 construction summer 2014; application for consideration as regional large capital project | \$176,475 (#09-1680); 284,554 (PCSRF and NWIFC NEP funding); \$950,362 Phase 1 construction and Phase 2 design (#13-1276) | \$4,663,767 | | Phase 1 construction; seek funding P2.1 (-6) construction; seek funding P3 design | \$473,301; \$402,322 (P2.1); \$70,979 (P3) | seek funding Ph2.2 construction; seek funding Ph 4 design | \$1,471,415 | seek funding design P5-6; Ph3 construction | \$850,059 | yes | \$6,075,158 | \$2,794,775 | \$1,411,391 | <ul style="list-style-type: none"> Large Wood Restoration (WRIA1-RC2.1-S1 Chinook MAMP Results Chain) Floodplain Reconnection (WRIA1-RC2c-S1 Chinook MAMP Results Chain) Riparian Restoration (WRIA1-RC2.2-S1 Chinook MAMP Results Chain) | | | | | | | |
| 76 | Reach: Wildcat | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 77 | Restoration | North Fork Wildcat Reach Restoration | restore historic channel planform, habitat diversity, and habitat functions | Tier 1 | Nooksack | channel instability, low habitat diversity | SRP, North Fork Assessment | Instream | 67 structures placed; 1.5 miles treated | Chinook | | Design; permits; phase 1 constructed; phase 2 funded, phase 3 funded and scheduled for construction | \$674,379 (#11-1572); \$199,170 (WA DOE); \$414,605 (#12-1514) | \$0 | | Complete Phase 3 construction | \$129,000 | monitoring | \$5,000 | | | yes | \$2,118,433 | \$129,000 | \$129,000 | <ul style="list-style-type: none"> Large Wood Restoration (WRIA1-RC2.1-S1 Chinook MAMP Results Chain) Floodplain Reconnection (WRIA1-RC2c-S1 Chinook MAMP Results Chain) Riparian Restoration (WRIA1-RC2.2-S1 Chinook MAMP Results Chain) | | | | | | | |
| 78 | Reach: Canyon | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 79 | Restoration | Lower Canyon Creek Phase 2 Restoration | Complete next phases in a series of projects to restore habitat forming process and passage in the lower mile of Canyon Creek | Tier 1 | WCPW/WCFCZD | passage, habitat diversity & complexity, riparian condition | WRIA 1 SRP (2005); HEC (2007a,b), KWL (2003); HEC (2012) | instream; fish passage; riparian | access to 3.9 miles; 23 channel structures; 29 acres of historic channel area reopened | Chinook | steelhead, pink, coho, salmon, bull trout, cutthroat trout | Schedule 2A constructed in 2013, Schedule 2B to be constructed in 2014 to complete project. | Project is fully funded | Project is fully funded. | finish construction (9 ELJs); final planting; | \$975,000 | post project monitoring | \$5,000 | post project monitoring | \$5,000 | Yes | \$3,645,000 | \$985,000 | Fully funded | <ul style="list-style-type: none"> Large Wood Restoration (WRIA1-RC2.1-S1 Chinook MAMP Results Chain) Floodplain Reconnection (WRIA1-RC2c-S1 Chinook MAMP Results Chain) Riparian Restoration (WRIA1-RC2.2-S1 Chinook MAMP Results Chain) Floodplain-Salmon Recovery Integration (WRIA1-RC3-S1 Chinook MAMP Results Chain) | | | | | | | | |
| 80 | Tributaries North Fork Nooksack | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 81 | Restoration | FSR 39 Road Relocation | Road setback, rock groin removal, reopen off channel habitat | | USFS | | | instream | | | | Conceptual | | | To be added | To be added | TBD | TBD | TBD | TBD | TBD | TBD | TBD | | To be added | To be added | To be added | <ul style="list-style-type: none"> Fine Sediment Source Reduction (WRIA1-RC2e-S1 Chinook MAMP Results Chain) Large Wood Restoration (WRIA1-RC2.1-S1 Chinook MAMP Results Chain) | | | | | |
| 82 | Restoration | FSR 37 Road Relocation and Fish Passage Improvement | Road setback, LWD installation, improve Boyd Creek fish passage | | USFS | | | instream | | | | Conceptual | | | To be added | To be added | TBD | TBD | TBD | TBD | TBD | TBD | | To be added | To be added | To be added | <ul style="list-style-type: none"> Fine Sediment Source Reduction (WRIA1-RC2e-S1 Chinook MAMP Results Chain) Large Wood Restoration (WRIA1-RC2.1-S1 Chinook MAMP Results Chain) | | | | | | |
| 83 | Restoration | Glacier Creek Side Channel Restoration | Rock groin removal, LWD installation, and road removal | | USFS | | | instream | | | | Conceptual | | | To be added | To be added | TBD | TBD | TBD | TBD | TBD | | To be added | To be added | To be added | <ul style="list-style-type: none"> Fine Sediment Source Reduction (WRIA1-RC2e-S1 Chinook MAMP Results Chain) Large Wood Restoration (WRIA1-RC2.1-S1 Chinook MAMP Results Chain) | | | | | | | |
| 84 | Habitat Assessments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 85 | Upper Mainstem | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 86 | Assessment | Upper Mainstem Reach Assessment and Restoration Planning to establish long term objectives | habitat assessment and restoration planning for the SF confluence to Everson; includes participation in SWIF process | n/a | Nooksack; SRST; Lummi; Whatcom County | | | instream; riparian | restoration plan | Chinook | Coho, Pink, Chum, Sockeye, Bull Trout, Steelhead, Cutthroat | early conceptual | | | Restoration Planning, conceptual designs for 2 projects | \$150,000 | | | | | yes | \$150,000 | \$150,000 | | <ul style="list-style-type: none"> WRIA 1 Salmonid Recovery Plan, Appendix B, p.B-8 | | | | | | | | |
| 87 | Planning | Nooksack SWIF and CFHMP Update | Refine levee vegetation management to stay eligible in ACOE PL84-99 program while identifying opportunities to integrate salmon habitat restoration | n/a | Whatcom County River & Flood | riparian function, habitat diversity and complexity | | instream; riparian | Completed management plan with vegetation and habitat restoration project opportunities; scope & begin CFHMP update process | Chinook | Coho, Pink, Chum, Sockeye, Bull Trout, Steelhead, Cutthroat | In progress | \$300,000 - State; \$120,000 FCZD | SWIF Funded: CFHMP funding in pre-proposal stage | Team meetings, reach meetings | \$550,000 (includes some 2013 costs on lower river) | Funding plan, scope CFHMP, SWIF management plan draft, review and approval. | \$100,000 FCZD; \$80,000 State | CFHMP update | \$410,000 - FCZD | SWIF - No; CFHMP - Yes | \$300,000 | \$300,000 + CFHMP grant award (TBD) | \$1,060,000 | <ul style="list-style-type: none"> Floodplain-Salmon Recovery Integration (WRIA1-RC3-S1 Chinook MAMP Results Chain) WRIA 1 Salmonid Recovery Plan, Appendix B, p.B-8 | | | | | | | | |