

Catalog of Documents Related to the WRIA 1 Watershed Plan Update (ESSB 6091)

This catalog represents work completed from March 1 through December 5, 2018 as part of the WRIA 1 process for preparing a WRIA 1 Watershed Plan Update (Plan Update) in accordance with the Streamflow Restoration Act (ESSB 6091). The documents cataloged below are in [WRIA 1 Dropbox folders](#) that correspond to the catalog headings. (https://www.dropbox.com/sh/tln4i5dor4mqo96/AADGcXs9U9W5rmWkJ_CGn51-a?dl=0)

Process Related

- **Diagram of Plan Update Approval Process, March 1, 2018** – Diagram was approved by the WRIA 1 Planning Unit and WRIA 1 Watershed Management Board, which includes the Initiating Governments, reflecting the iterative process for completing and approving the WRIA 1 Plan Update. Included as Appendix A in draft WRIA 1 Plan Update.
- **Working Timeline, Milestones, Meeting Topics, April 24, 2018** – Diagram was a working timeline to support having a completed and approved Plan Update by February 1, 2019¹.
- **Proposed Schedule for Adoption of WRIA 1 Watershed Management Plan Update for ESSB 6091, October 23, 2018 with update on October 29, 2018** – The detailed schedule was developed in October given new information from Ecology regarding their two week review time and that adoption by Ecology is on the final locally approved Plan Update and must occur by February 1, 2019.
- **To be added based on January 3rd Management Team meeting: Timeline updates presented to the County Council in presentations from County Staff; 2. Projected meeting dates with anticipated agenda topics for Planning Unit meetings; 3. Public comment presented to County Council, if available.**

Policy Issues

- **Table of Policy Issues, December 5, 2018** – The positions reflected in the summary table of policy issues for the WRIA 1 Watershed Management Board entities is as of December 5, 2018. Several member entities indicated interest in continuing to refine policy positions in order to reach a common position between the WRIA 1 Board entities. The WRIA 1 Planning Unit voted on a policy package that is represented in the table. The draft Plan Update versions have a placeholder where the policies would be incorporated when agreement is reached. Additionally, outcomes of policies may also result in re-evaluation of information in the ecological effects analysis completed by technical staff at Lummi Nation Natural Resources and Nooksack Tribe Natural Resources (refer *Assessing the Ecological Effects of WRIA 1 Watershed Plan Update, December 5, 2018, Nooksack Tribe Natural Resources and Lummi Nation Natural Resources* description in “Technical Memos”).

¹ Whatcom County, as lead agency, was informed in October 2018 that the locally approved plan update needed to be submitted to the Department of Ecology on January 15, 2019 to provide two weeks review. The working timeline from April 2018 reflects the understanding of the timeline in April that the County Council could approve the Plan Update on February 1, 2019.

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- **November 8, 2018 Policy Package** – The WRIA 1 Planning Unit developed a policy package to discuss with their caucuses, which they then approved on November 28, 2018. The policy package is also reflected in the “Table of Policy Issues, December 5, 2018” referenced above.
 - **Communication Related to Policy Issues** – This is a compilation of the communication submitted by the WRIA 1 Planning Unit caucuses expressing their positions on some of the policy issues.

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42 Technical Memos

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- **BERK Consulting Population Memo, August 2, 2018 and RH2 Addendum (population table)** – Final technical memorandum describing work performed by BERK Consulting for re-aggregating the parcel-based allocation of growth projections from the Whatcom County Comprehensive Plan Update to the aggregated sub-basin level that was used for the Plan Update planning process. Two scenarios were calculated by BERK: Adopted Growth Projections – Modified Rural Pattern that was used for the Whatcom County Comprehensive Plan Update, and Historic Shares that represents the historic growth in the non-UGA and UGA areas. The Adopted Growth Projections was selected for the Plan Update for 6091 to be consistent with the County Comprehensive Plan Update. Included as Appendix B in draft WRIA 1 Plan Update.
 - **Potential Consumptive Use Impacts of Domestic Groundwater Permit-Exempt Wells Over the Next 20 Years in WRIA 1- Final Update, August 21, 2018, RH2 Engineering** – Final technical memo outlining estimated consumptive use by aggregated sub-basin for six different outdoor water use scenarios. The memo also describes five options for estimating future growth outside of UGAs that will be served by a domestic groundwater permit-exempt well (DGWPE) over the next twenty years. The basis for the growth projections used in the RH2 memo and calculations is the BERK Consulting projections described in the BERK memo. For planning purposes of the Plan Update, WRIA 1 Planning Unit and WRIA 1 Watershed Staff Team selected Option 4 and Scenario 4 for calculating estimated consumptive water use. Included as Appendix C in draft WRIA 1 Plan Update.
 - **Final Task 2 Deliverable - Projects and Actions, October 2, 2018, RH2 Engineering** – This technical memo uses the estimated future DGWPE well consumptive use calculations for the aggregated sub-basins and evaluates a series of actions and projects intended to offset the consumptive use over the next 20 years. The suite of projects and actions evaluated are a subset of a larger spreadsheet of potential projects identified through the Plan Update planning process. Included as Appendix D in draft WRIA 1 Plan Update.
 - **Assessing the Ecological Effects of WRIA 1 Watershed Plan Update, December 5, 2018, Nooksack Tribe Natural Resources and Lummi Nation Natural Resources** – The purpose of this technical memo is to address element 4 of the Interim Guidance for Net Ecological Benefit by describing and reporting on findings of an assessment of the ecological effects of the draft Plan Update. Included as Appendix H in the draft WRIA 1 Plan Update.

72 Draft Versions of Plan Updates, Appendices, and Comments Received

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- **DRAFT 6091 WMP Update_WST Review** – This version of the draft Plan Update was provided to the Watershed Staff Team (WST) for initial review on November 13th for purposes of identifying substantive issues, gaps, etc. prior to distributing the draft to the WRIA 1 Planning Unit on for their review. WST met on November 19th and identified some sections that could be revised prior to distributing to the Planning Unit on November 20th. Unfortunately, due to the timelines, not all

78 comments provided by WST were discussed and/or addressed on November 19th and some WST
79 members were still reviewing. Therefore, while the version of the draft Plan Update released on
80 November 20th was intended to address some of the comments, the WST was also reviewing those
81 revised changes at the same time the WRIA 1 Planning Unit was conducting their review so it is not
82 known whether the changes addressed the concerns originally identified by WST members on
83 November 19th. The WST comment forms are part of this catalog; line numbers, page numbers,
84 etc. will correspond to this version of the draft Plan Update.

- 85 • **Compiled WST Comments, Substantive** – Comments provided by Watershed Staff Team members
86 on the November 13th distributed Draft 6091 WMP Update_WST Review document. Line numbers,
87 page numbers, etc. will correspond to the WST review version of the Draft Plan Update.
- 88 • **Compiled WST Comments, Non-Substantive** - Comments provided by Watershed Staff Team
89 members on the November 13th distributed Draft 6091 WMP Update_WST Review document. Line
90 numbers, page numbers, etc. will correspond to the WST review version of the Draft Plan Update.
- 91 • **DRAFT 6091 WMP Update_Sections Revised_11/20/18** – This version of the draft Plan Update
92 included revisions to some sections that had been discussed by the WST at its 11/19/18 meeting
93 prior to release to the WRIA 1 Planning Unit on 11/20/18. The WRIA 1 Planning Unit comments are
94 on this version of the draft WMP Update, and any references to line numbers, page numbers, etc.
95 should correspond to this draft.
- 96 • **Planning Unit Comments and Common Themes** – The Planning Unit comments have been
97 compiled into a single file and include a document that organizes Planning Unit comments by
98 common themes, and provides an index of each of the Caucuses comments and their original
99 comments. Any references to pages, lines numbers, etc. are on the 11/20/18 version of the draft
100 WMP Update.
- 101 • **Appendices for Draft Plan Update** – The appendices are the same for both versions of the draft
102 Plan Update (WST Review draft and 11/20/18 Draft):
 - 103 ○ Appendix A – Diagram of Approval Process (refer to description under “Process”)
 - 104 ○ Appendix B – Berk Population Memo (refer to description under “Technical Memos”)
 - 105 ○ Appendix C – RH2 Consumptive Use Memo (refer to description under “Technical Memos”)
 - 106 ○ Appendix D – RH2 Projects and Actions Memo (refer to description under “Technical Memos”)
 - 107 ○ Appendix E - RH2 Project Matrix
 - 108 ○ Appendix F – Summary of WST Projects and Programs
 - 109 ○ Appendix G – Project Comments from WRIA 1
 - 110 ○ Appendix H – Assessing the Ecological Effects of WRIA 1 Watershed Plan Update (refer to
111 description under “Technical Memos”)
 - 112 ○ Appendix I – DGWPE Well Consumptive Use Monitoring Plan Sheets (Excel spreadsheet)
 - 113 ○ Appendix J – Project Monitoring and Effectiveness Template (Word document)
 - 114 ○ Appendix K – Monitoring and Adaptive Management Diagram
- 115 • **Draft-Alternative-6091 WMP Update** – This document was presented by three of the Planning Unit
116 caucuses as an alternative to the 11/20/18 Plan Update and intended to address substantive
117 comments they had related to length, readability, content, etc.

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