

# 19. Appendix

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## Appendix #1

Summary of Clean Water Act Projects						
			Updated 9/20/2013			
Project # /Name	Project Lead	Project Description	Percent (%) Complete	Completed on Time	Original Due Date	Comments
1 - Revised CMER Work Plan	Hotvedt	By July 2009, and in subsequent budget and planning years, the AMP Administrator with the assistance from the Policy and CMER committees will send to the Forest Practices Board a revised CMER work plan and budget that places key water quality studies as high priorities as described in section II(c) regarding the adaptive management program.	100% - for current FY	Yes	July 09	This is an annual task that has been completed successfully twice and signed off on by Ecology through 2010. (See DOE letter dated 10/4/10).
2 – Table 1 Projects	Hotvedt	By July 2009, and in subsequent planning years, the projects identified by Ecology in Table 1 will be reflected in the CMER budget and work plan in a manner that establishes a priority schedule for study development. Failure to meet any of the milestones identified without prior consent by Ecology may be viewed as a basis to revoke the CWA assurances at that point in time.	100%- for current FY	Yes	July 09	This is annual task that has been completed successfully twice and signed off on by Ecology through 2010. (See DOE letter dated 10/4/10).

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3 – AMP Funding Strategy	Hotvedt	The Forest and Fish Policy Budget Committee will identify a strategy that will be implemented with caucus principal support to secure stable, adequate, long-term funding for the AMP.	100%	Yes	September 09	Project is complete. The Forests and Fish Policy Committee developed the strategy they would use to seek out sufficient long term stable funding for the Adaptive Management Program. That strategy, while thus far unsuccessful in finding long term funds, satisfies milestone number 3 according to Ecology. (See DOE letter dated 10/4/10).
4 - Compliance Monitoring Stakeholder Charter	Obermeyer	DNR will complete the Charter for the Compliance Monitoring Stakeholder Guidance Committee and determine which issues identified herein related to compliance monitoring will be dealt with by the committee. This is intended to help move these issues forward on schedule as well as to flag the items for which an alternative process for resolution is needed.	100%	Yes	October 09	Project is complete. Ecology provided final project sign-off on 12/10/09 (see email).

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5 - Protocols and Standards Training	Hotvedt	The AMP program administrator, with the assistance of CMER and Policy, will complete the ongoing training sessions on the AMP protocols and standards for CMER, and Policy. This is intended to remind participants of the agreed upon protocols. Opportunity should also be provided to identify portions of the protocols and associated rules that need revision to improve performance or clarity. Any identified improvements to the Board Manual or regulations should be implemented at the soonest practical time. Subsequent to this effort, the administrator will offer to provide this training to the Board.	75%	No	December 09	Six new members were appointed to the Forest Practices Board at the beginning of 2012 and all six were given training on the Adaptive Management Program after their first Forest Practices Board meeting on February 14. New members have been and will continue to be trained as they are appointed to the Board. Efforts to identify portions of the protocols and associated rules that need revision to improve performance and clarity have been undertaken by the AMPA and Policy and CMER co-chairs. Policy and CMER co-chairs and the AMPA have itemized and prioritized issues resulting from AMP training and from the Stillwater Report. CMER is currently revising its Protocols and Standards Manual, taking into consideration comments and recommendations from the Stillman Report and others.

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6 - CMER Project Flagging Process	Hotvedt	The AMP Manager with the assistance of the co-chairs of Policy and CMER will initiate a process for flagging projects for the attention of Policy that are having trouble with their design or implementation. This process should identify projects not proceeding on a schedule reflecting a realistic but expedient pace (i.e., a normal amount of time to complete scoping, study design, site selection, etc.).	100%	No	December 09	Project is completed. A briefing on the product was provided to CMER at the August 24, 2010. The milestone was completed with a briefing to Forests and Fish Policy at their October 2010 monthly meeting.  The process was accepted by Mark Hicks, Department of Ecology on Nov. 3, 2010.
7 - Rule Element Sampling	Obermeyer	DNR in partnership with Ecology and with the aid of the CMP stakeholder guidance committee will develop general plans and timelines for exploring options and data collection methods for assessing compliance with rule elements such as water typing, shade, wetlands, haul roads and channel migration zones. The goal is to initiate these programs by December 2011.	100%	No	December 09	Project is completed. Final plan delivered to Ecology on March 31, 2010. Ecology sent an e-mail accepting the plan on March 31, 2010.

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8 - Field Dispute Resolution	Obermeyer	DNR with assistance of Ecology and WDFW will evaluate the existing process for resolving field disputes and identify improvements that can be made within existing statutory authorities and review times. Although resolution of the specific issue at hand should be a goal, the overarching purpose of this milestone is to establish a process that will identify the basis for the dispute and to put in place revised guidance, training, reporting pathways, other measures that will minimize the reoccurrence of similar disputes in the future. This process should consider how to best involve the appropriate mix of both policy and technical participants to thoroughly resolve the issue at hand.	100%	No	January 10	Project complete. Final document sent to Mark Hicks at Ecology. Mark Hicks approved the completion of the milestone. See email dated 11/3/10.
9 - Stakeholder RMAP Participation	Mahan	As part of the RMAP annual meeting process, DNR should ensure opportunities are being provided in all the regions to obtain input from Ecology, WDFW, and tribes formally participating in the forest and fish process regarding road work priorities.	100%	No	January 10	Project completed on 8/9/11 when the forest practices board agreed to process changes and board manual changes in the RMAP process. Mark Hicks signed off on completion on 9/2/11.

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10 - Water Type Modification Review Process	Tasker	DNR in consultation with WDFW, Ecology, and the tribes will develop a prioritization strategy for water type modification. The intent of this strategy will be to manage the number of change requests sent to cooperating agencies for 30-days review so it is within the capacity of those cooperators to respond to effectively. The strategy should consider standardizing the current ad hoc process of holding monthly coordination meetings with agency and tribal staff in all the DNR regions. This should allow group knowledge and resources to be more efficiently used to evaluate change requests.	100%	Yes	February 10	Project is complete. The Regions have been conducting their WTR Team meetings and implementing the process. See Hicks email dated 11/24/10 for final DOE approval.
11 - Water Typing On-Line Guidance	Mahan	DNR Forest Practices will establish online guidance that clarifies existing policies and procedures pertaining to water typing. The intention is to ensure regional staff and cooperators remain fully aware of the most current requirements and review processes for changing water type and coordinating the review of multidisciplinary teams.	100%	No	May 10	Project complete. See Mark Hick's email dated 9/24/12 for final Ecology approval.

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12 - Certification Framework	Casey	DNR with consultation with Ecology and WDFW (or with the CMP stakeholder guidance committee), will establish a framework for certification and refresher courses for all participants responsible for regulatory or CMP assessments. This will be focused on aiding in the application of rules regarding bankfull width, CMZ boundaries, application of road rules, and wetlands. Consideration should be given to including a curriculum of refresher courses on assessing difficult situations.	100%	No	June 10	Forest Practices Training Manager was hired in May 2012. Framework development will continue in 2013. Compliance Monitoring, Wetland, and Unstable Slopes training continues to be offered to Forest Practices staff and stakeholders. Milestone was signed off as complete by Mark Hicks on 9/10/13.
13a, b, c - Individual Landowner Tracking	Casey	By June 2010, DNR, Ecology, and WDFW will meet to review existing procedures and recommend improvement needed to more effectively track compliance at the individual landowner level. The goal will be to ensure the compliance pattern of individual landowners can be effectively examined. This should consider the types and qualities of enforcement actions that occur (e.g., conference notes, notices of correction, stop work orders, penalties.)	13a - 100% 13b - 100% 13c - 100%	Yes Yes Yes	Jun-2010 Oct-2010 May-2012	The project was broken into three separate milestones with individual due dates: <b>13a - By June 2010:</b> This project is completed - the group evaluated the current data base that is used to track compliance and determined that it is acceptable. See DOE acceptance in 11/3/10 email. <b>13b - By October 2010:</b> This project is completed. DNR, Ecology, and WDFW conducted an initial assessment of trends in compliance and enforcement actions taken at the individual landowner level. The process to review compliance and enforcement trends for individual landowners was established and

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						<p>Accepted by Mark Hicks, Department of Ecology on Nov. 3, 2010.</p> <p><b>13c - By May 2012:</b> This project is completed and accepted by Mark Hicks, Department of Ecology via email on June 8, 2012. Ecology accepted a spreadsheet that "documents an effective format for tracking and communicating patterns of compliance at the individual landowner level. Maintaining compliance data in this straightforward format will readily allow the information to be examined at both annual and longer time scales."</p>

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14 - Riparian Non-Compliance	Obermeyer/Jackson	DNR with the assistance of Ecology, will assess the primary issues associated with riparian noncompliance (using the CMP data) and formulate a program of training, guidance, and enforcement believed capable of substantially increasing the compliance rate - with a goal of getting greater than ninety percent compliance by 2013. Ecology will consider the rating of noncompliance since not all infractions have the same effect on public resources (e.g., is it predominately at levels within reasonable field method limits or likely to occur even with due diligence) when determining if this compliance target rate milestone has been satisfied.	100%	No	Jul-10	Project is complete. Ecology accepted the final document.
15 - SFL Road Risk Evaluation Strategy	Hicks/Engel	Ecology, in partnership with DNR, and in consultation with the SFL advisory committee, will develop a plan for evaluating the risk posed by SFL roads for the delivery of sediment to waters of the state.	10%	No	Jul-10	DNR's Small Forest Landowner Office has submitted a grant proposal to the Northwest Fish and Wildlife Foundation to aid in achieving this milestone.

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16 - Type N Rules Evaluation Strategy	Engel	Policy, in consultation with CMER, will develop a strategy to examine the effectiveness of the Type N rules in protecting water quality at the soonest possible time. This strategy needs to include at a minimum: 1. Ranking and funding of the Type N studies as highest priorities for CMER research. 2. By July 2012, developing a protocol for identifying with reasonable accuracy the uppermost point of perennial flow, or develop documentation demonstrating the spatial and temporal accuracy of the existing practice used to identify this point. 3. By Sept. 2012, completing a comprehensive literature review examining the effects of buffers on streams physically similar to the Type Np waters in the forest practices rules prior to completion of the Type N basalt effectiveness study. This should be conducted or overseen by CMER (or conducted by an independent research entity).	25%	No	Jul-10	In Fall 2011, Forest and Fish Policy developed a chartered process that serves as a strategy to complete this milestone. That process is now being implemented through the simultaneous efforts of both technical and policy subgroups. Completion can be reasonable be expected by September 2012, which would substantially meet this milestone.

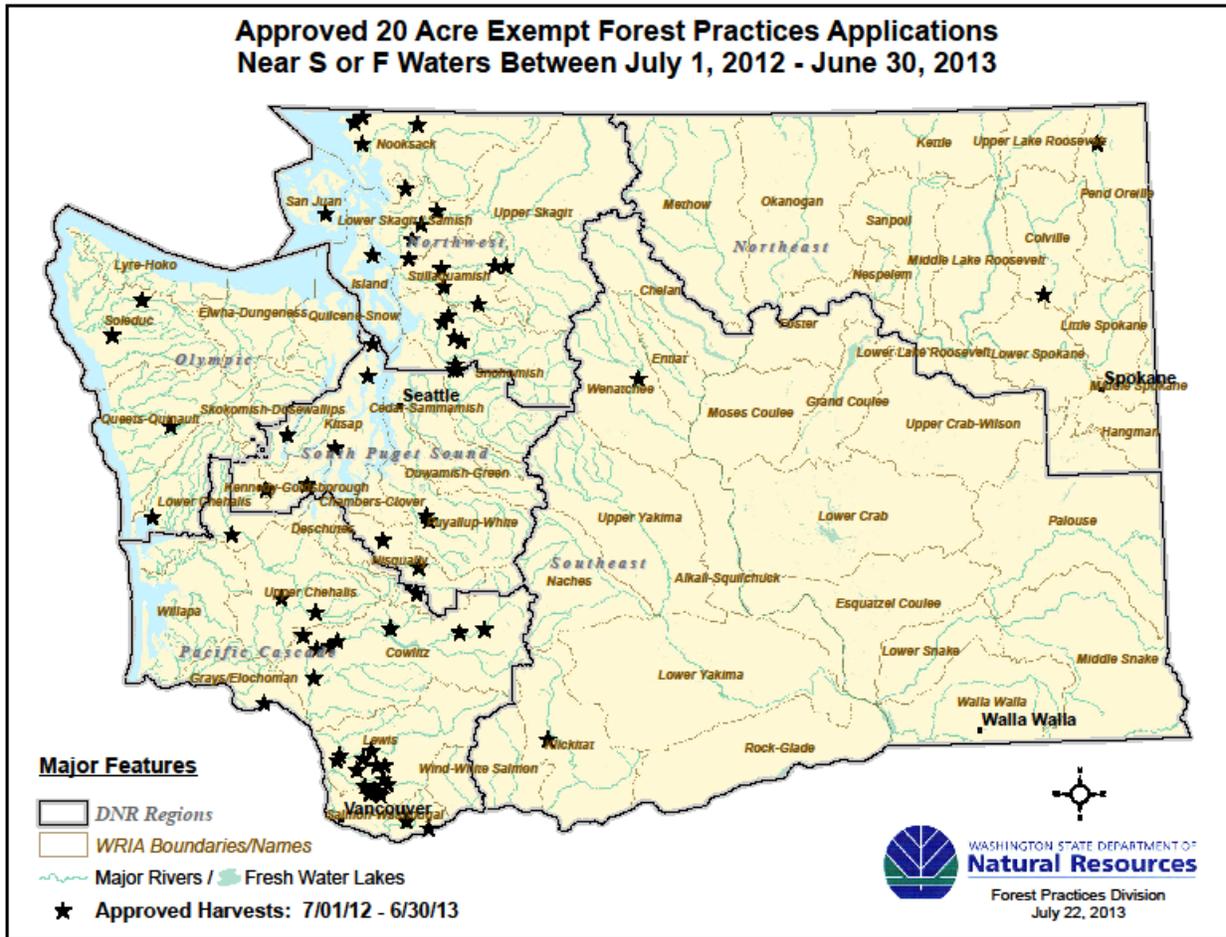
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17 - Alternate Plan Evaluation	Anderson/Barnes	DNR, in partnership with Ecology, and in consultation with WDFW, the Tribes, and the SFL advisory committee, will design a sampling plan to gather baseline information sufficient to reasonably assess the success of the alternate plan process. This sampling plan should include how to select sample sites, how to best document the content and assumptions contained in the alternate plan, what to monitor and how frequently to do so, and responsibilities for who will conduct the sampling. The goal of this effort is to initiate data collection in the 2011 field season.	95%		Oct-10	Field work is completed as of September 2012. Currently under review in the Forest Practices Division.
18- Independent AMP Review	Hotvedt	The AMP Program administrator shall initiate the process of obtaining an independent review of the AMP. This review shall be done by representatives of an independent, third party research organization.	20%	No	Dec-10	A LEAN event was completed in May 2012 that recommended a streamlined approach to developing CMER study designs. The approach would continue to require CMER approval of final study designs, but excluded multiple intermediate decision points associated with the current review and approval processes. The recommended process will be tested using a pilot on a CMER project, yet to be determined. In addition, Policy has recommended

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						AMP rule changes and is currently revising the AMP Board Manual 22 to reform the AMP. Changes include an addition of three caucuses, shortening the dispute resolution process timeline, allowing CMER to invoke Stage 2 dispute resolution, and creation of a CMER project master schedule that lines out projects over the next 15+ years.
19 - Water Type Modification Strategy Review	Mahan	DNR in consultation with WDFW, Ecology, and the Tribes will complete an evaluation of the relative success of the water type change review strategy. Results of this review would be used to further refine the strategy.	100%	Yes	Dec-11	Ecology accepted the milestone as complete as stated in a memo (email) from Mark Hicks on 3-18-13 - "The purpose of this memo is to provide a formal record of completion of the CWA Assurances' milestone for identifying and making any improvements to the recently adopted water typing review strategy."

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20 -RMAP Summary	Potter	DNR with the assistance of large landowners, will provide summary information for all industrial landowners having RMAPs. The summary information will include at a minimum: Date RMAP completed, total miles of road covered under the RMAP, total miles describing the strategy for bringing all roads into compliance by 2016 that demonstrates evenflow or otherwise provides confidence that compliance will be	100%			Project complete on 8/9/11. The Forest Practices Board agreed to process changes, and Board Manual changes that completed this Milestone. Mark Hicks signed off as complete on 9/2/11.

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		Attained by 2016. If reasonable and feasible, the summary will show the annual progress on road and barrier improvement that has occurred since the inception of the RMAP, and DNR will provide a master summary for all industrial landowners combined.				
21-SFL Roads Report	Hicks/Engel/	Ecology in partnership with DNR, and in consultation with the SFL advisory committee will prepare a summary report that assesses the progress of SFLs in bringing their roads into compliance with road best management practices, and any general risk to water quality posed by relying on the checklist RMAP process for SFLs. If a significant portion of SFL roads are estimated to pose a risk of damage to public resources, then a report will be prepared in time to brief the Legislature in December 2013.	0%		13-Nov	This report is due to the legislature in 2013. A plan on how to obtain the data needs to be agreed upon, funding to execute the plan obtained and the report written so that it can be submitted in 2013 to the legislature.
22-Unstable Slopes Rules Compliance	Engel/Lingley	Initiate a program to assess compliance with the unstable slopes rules.	10%		2012	This new "forest practices program" milestone was transferred to the program milestone list in July 2011. It was originally listed by Ecology under CMER milestones. Initial discussion with Ecology scheduled for 10/24/2011. 1/2012 Working with Leslie Lingley on Post-Mortem partially buffered areas to verify unstable slope with FPA.

# Appendix #2a



# Appendix #2b

