EPA / Spokane Tribe / Ecology / DEQ work plan schedule (November 10, 2008)
Spokane River / Lake Spokane modeling for TMDL and NPDES permits

The following work plan describes the major tasks, timeframes, and responsibilities necessary for completion of modeling for the Spokane River / Lake Spokane dissolved oxygen TMDL and NPDES permits for Idaho and Washington. It is intended for EPA tracking purposes in order to provide status updates to the Policy and Technical groups and will be updated on a regular basis.

Project	Owner	Description	Frequency or target date	2008			2009												2010		
Spokane River Modeling				October	November	December	January	February	March	April	May	June	July	August	September	October	November	December	January	February	March
Meeting to discuss baseline policy decisions and clarifications: water quality standards and modeling	Technical Team (EPA, DOE, DEQ and Spokane Tribe)	Begin discussions on workplan, WA water quality standards, scheduling, modeling and other policy decisions	on October 27, 2008																		
Modeling group meetings	Modeling group	regular meetings to develop modeling scenarios	Develop scenarios for discussion with Technical Team by November 19 meeting																		
Finish workplan	Technical Team-Project Leads	Finalize workplan started at 10/27/08 meeting after review by staff at each Agency.	Done by November 10, 2008 for posting on website.																		
Policy and Technical Group meetings	Policy and Technical groups	Present and discuss possible modeling scenarios with any unresolved policy issues identified. Other technical matters.	November 19, 2008, others as appropriate																		
Modeling contract set-up	EPA	Develop PSU modeling contract with agreed-upon scenarios	Early December 2008																		
December Stakeholder meeting	EPA	Present workplan, contract, and scenarios, solicit public comment	Mid- December 2008																		
Obtain funding for modeling	EPA	Acquire $50K for modeling	Mid-January 2009																		
January Stakeholder Meeting	EPA	Present final list of modeling scenarios and solicit comments	Mid-January 2009																		
Launch PSU Contract	EPA	Initiate modeling work by PSU	February to late April 2009																		
March Stakeholder Meeting	EPA	Present information on draft modeling calibration report and detailed scenario inputs; two week comment period follows	March 2009																		
Modeling complete, products available	EPA	Modeling results available, technical memo prepared by PSU	By May 2009																		
May Stakeholder meeting	EPA	Present modeling results and solicit comments	Mid or late May 2009																		
DO TMDL																					
TMDL development	Ecology	Incorporate modeling changes, other updates to TMDL	May through August 2009																		
TMDL Public Comment	Ecology	Submit TMDL for public comment	August - September 2009																		
Stakeholder Meeting	Ecology	Public meeting to present TMDL	August 2009																		
Develop response summary	Ecology	Response summary for TMDL	By November 2009																		
TMDL to EPA	Ecology	Submit TMDL to EPA following response summary	December 2009																		
Technical Subcommittee	Ecology	Management or oversight of technical committee to determine bioavailability of phosphorus.	Start in April; ongoing through 2009																		
TMDL Oversight Committee	Ecology	Formation of Oversight Committee following TMDL approval.	Start January 2010																		
Monitoring	Ecology	Ambient and special project monitoring on Spokane.	1/month; as needed																		
Regular stakeholder meetings	Ecology	Regular meetings with stakeholders to inform them of TMDL and permit status	1/month; as needed																		
WA NPDES Permits																					
Update draft permits		Update permits based on revised TMDL	June through August 2009																		
City of Spokane	Ecology																				
Liberty Lake	Ecology																				
Inland Empire Paper	Ecology																				
Kaiser Aluminum	Ecology																				
Spokane County	Ecology																				
Permit Public Comment	Ecology	Issue permits for public comment	August through September 2009																		
Issue Final Permits	Ecology	Issue final NPDES permits	By December 2009																		
ID NPDES Permits																					
Idaho dischargers' permit development (Coeur d'Alene, Post Falls and Hayden Area Regional Sewer Board	EPA	Incorporate modeling changes other updates to permits	May through August 2009																		
EPA sends draft Idaho Permits to DEQ for review and start of 401 Certification	DEQ/EPA	DEQ reviews in 30 days and issues draft certification	August 2009																		
TMDL and draft Permits public review	EPA / Ecology	Disseminate TMDL and permits for public comment	30 days, September 2009																		
Prepare response to comments on Permits and Certifications	EPA/DEQ/Ecology	Respond to comments generated during public review	60 days, October - November 2009																		
TMDL submittal to EPA	Ecology	Submit TMDL to EPA for approval	Following response summary, completed by December 2009.																		
Proposed final permits to DEQ and final 401 Certification from DEQ	EPA/DEQ	30 day period for DEQ to provide final certs.	December 2009																		
EPA Approval of TMDL	EPA	Approval of TMDL	January 2010																		
EPA Issuance of final NPDES permits	EPA	Approval/Issuance of NPDES permits	January 2010																		
Post TMDL Implementation																					
Pilot projects		Oversight/Approval of discharger pilot projects	On-going,as needed																		
City of Spokane	Ecology																				
Airway Heights	Ecology																				
Inland Empire Paper	Ecology																				
Treatment upgrades		Approval of wastewater technology treatment upgrades	Per permit schedule after TMDL																		
City of Spokane	Ecology																				
Liberty Lake	Ecology																				
Inland Empire Paper	Ecology																				
Kaiser Aluminum	Ecology																				
Delta Elimination Plans		Approval of delta plans required per TMDL	Per permit schedule after TMDL																		
City of Spokane	Ecology																				
Liberty Lake	Ecology																				
Inland Empire Paper	Ecology																				
Kaiser Aluminum	Ecology																				
Spokane County	Ecology																				