Spokane River / Lake Spoka	ne Dissolved Oxyg	gen TMDL Implementation A	ctivities Schedule - Updated	edule - Updated 9/3/10																																					
Project	Responsible	Description	Frequency or target date											6 Cyc																		NPDE			‡2			T			
WA NPDES Municipal Was	Party stewater Permits		inequality of target date	1st QTR	201	3rd QTR	1st QTR	- T	3rd QTR	4th QTR	1st QTR	201 QTR	3rd QTR	QTR	1st QTR	2013 ULL	4th QTR	1st QTR	2nd QTR	3rd QTR 4th QTR	T D		015 018	4th QTR	QTR	DTR OTR		QTR		017 018	4th QTR		2018	4th QTR	QTR	I QTR	3rd QTR 6	4th U I R 1st QTR		3rd QTR	QTR
Permits Issued for public	Ecology - WQ	Release WA NPDES	Late August to early October	1st	2nd (3rd	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st 2nd	3rd	4th	1st	2nd	3rd 4th	1ct	2nd	3rd	4th	1st	2nd 3rd	4th	1st	2nd	3rd	4th	1st 2nd	3rd	4th	1st	2nd	3rd	1st	2nd	3rd	4th
comment Revise permits based on	Permit Unit	permits for public comment Make revisions to permits -				-										+					+	_	-				+	+	+	_				+	-		<u> </u>	+	_	+	
public comment - issue final permits	Ecology - WQ Permit Unit	issue final permits	October - early November 2010																																			_	_	\perp	
Engineering/Offset (Delta) Management Plans	WA Dischargers	Develop Engineering/Offset Plans	November 2010 - 2nd QTR 2012																																						
Approval of Engineering/Offset Management Plan	Ecology - WQ Permit Unit	Ecology approval of Engineering/Offset Plan	By December 2012																																						
Install / Maintain Offsets / Technology	Dischargers	Installation and maintenance of technology and offsets following Ecology Approval	Start 2013 - No End																																						
Eliminate X# CSO's	City of Spokane	Elimination of CSO's per agreement and permit	2017?																																				Τ	Γ	
Meet final permit limits (TMDL WLA's) Bioavailability Study	Dischargers	Compliance with final WQBELs	2nd/3rd QTR 2020																																						
Bioavailable Study Complete	UW/Dischargers	Completion and peer review of bioavailable phosphorus study for	1st QTR 2011																																						
Ecology review/comment of bioavailability study	Ecology	Ecology consideration. Review/comment/decision on incorporation into Engineering plan and 2nd	2nd QTR 2012																																				-		
Nonpoint Source Study		cycle permits																																							
Nonpoint Source Study Complete	Spokane County	Completion of regional nonpoint source study with BMP recommendations.	1st QTR 2011																																						
Stakeholder review/comment of NPS study	SR Stakeholders	Review and comment of NPS study	2nd QTR 2011																																						
Offset /Trading Frameworl Develop offset / trading	k Ecology - WQ	Develop draft framework for initial stakeholder	June 2010 to 4th QTR 2011	-												Т	Т		Π		Т	Τ	Τ			Т	Т	Т	Т	Т	Π	Τ	Τ	Т	Τ	Π	T	Τ	Τ	Т	
framework Develop "white	Ecology - WQ	meeting Describes trading definitions, actions, rules and responsibilities -	Late September 2010													1																									
paper" Develop mock		followed by stakeholder input Develop mock trades and apply draft framework																																			_	_	_	-	
scenarios Determine eligible	Ecology - WQ Ecology - WQ	(what we have to that point) With stakeholder input	Late October 2010 Late November 2010													_										_											_	+	_	╞	
trades Identify eligible BMPs		Tied to NPS study, other studies, followed with	1st QTR 2011	-					-	-					_	-	-	-				-	-							-		-		-	-		+	+	╈	┢	
Quantify pollutant		stakeholder input Tied to NPS study, other																										_	_								_	+	+	╞	
reductions	Ecology - WQ	studies, followed with stakeholder input As BMPs are selected,	1st QTR 2011												_		_					_	_							_					_		_	_	_	╞	
Establish trading ratios	Ecology - WQ	followed with stakeholder input Completion of trading	2nd QTR 2011																																				_	\perp	
Complete offset/trading framework	Ecology - WQ	framework with all details in place.	2nd QTR 2011																																						
	Avista	Develop water quality	Put and OTP 2012													Т	Т											Т	Т					Τ			T	Τ	Т	Τ	
Develop WQAP Ecology approval of WQAP		attainment plan as per 401 and TMDL. Ecology approves WQAP	By 2nd QTR 2012 By 4th QTR 2012												_	_	_					_						_	_			_		_			\rightarrow	_	+	╞	
Maintain and monitor WQAP measures	Avista	Maintain practices and activities (BMPs) specified in WQAP - monitor effectiveness	Start 2013 - No End													Ì																		Ì							
Stakeholder Meetings Meeting announcement with draft framework / schedule / groundrules	Ecology - WQ	Develop and send out first meeting announcement with description of advisory committee and Ecology	By September 2010																																			T	Ī	Ī	
Stakeholder Meetings	Ecology - WQ	(voluntary) to discuss/share information	Every 2 QTR starting October 2010 or as-needed																																						
NPDES Stormwater Permi	ts	between stekeholdere				-				_																								1	1		_		 		
Installation of stormwater program components for Phase II Permitees 10 - Year Assessment	Phase II Permittees (Spokane, Spokane County, Spokane Valley, WSDOT)	Municipal stormwater permit has numerous deadlines for permittees. These requirements must account for additional specific requirements described in the TMDL (mostly monitoring).	Variable; most permit requirements need to be in place by 1st QTR 2012																																						
Yearly modeling	Ecology - EAP	Once / Year, 4th QTR starting in 2012	Modeling run to determine DO profiles in Lake Spokane																																					Γ	
Monthly ambient monitoring	Ecology - EAP Ecology -	Regular river station monitoring	Once / month at Spokane River Stations 10 events in 2010 and 2011													Ţ												Ţ	Ţ	Ţ				Ţ			T	Ŧ	F	F	
In-lake monitoring Discharger reporting	Ecology - EAP/Avista Dischargers	Lake Spokane sampling DMR reporting as per	May - October)	<u> </u>	\square											+			$\left \right $		+					+	+	+	+		$\left \right $	+				\square	+	+	+	+	
Avista WQAP reporting	Dischargers Avista	permit Progress on WQAP as per 401	As specified in permit As specified in permit	-	\vdash	+	+	+	\vdash	-	\vdash			\square	+	+	+	\vdash	$\left \right $		+	+	+	\square		+	+	+	+	+	$\left \right $	+	+	+	+	\square	+	+	+	+	
10 - Year Assessment	Ecology - EAP/W	Assessment of DO and phosphorus in Spokane River / Lake Spokane consideirng yearly monitoring reports, Avista WQAP results, DMRs, and monitoring.	2018 - 2020																																						
Send to IDEQ for draft 401 certs	EPA		3rd QTR 2010													Τ	Τ				Τ		Τ			Τ	Τ	Τ	Τ	Τ				Τ	Τ		Т	Τ	Τ	Τ	
Receive draft 401 Certs Public comment period	EPA EPA	10/25 - 12/28/10	4th QTR 2010 4th QTR 2010					F	F	E					╡	╪	+	F	E		+	Ŧ	F	E		╡	+	╞	╞	Ŧ	Π		╞	Ŧ	F	Ħ	⋣	\pm	Ŧ	Ŧ	
Send to IDEQ for final 401 Certs Receive final 401 Certs	EPA/IDEQ EPA	By March 1, 2011	1st QTR 2011 1st QTR 2011			\parallel													\square																		\downarrow	\downarrow	\downarrow	\downarrow	
Issue final permits	EPA EPA	By April 1, 2011 By April 1, 2011	2nd QTR 2011																			1															土	土	土	土	