MEETING SUMMARY

Spokane River TMDL Collaboration

Wastewater Flows and Loadings Workgroup

June 27, 2005

Member Attendance:

Here	Name	Sponsor	e-mail	Phone
	Bramble, Len	Ecology	lbra461@ecy.wa.gov	(509) 329-3504
	Brewer, Lloyd	Petitioners	lbrewer@spokanecity.org	(509) 625-6968
	Buterbaugh, Galen	Petitioners	galenb1@comcast.net	(509) 465-2289
	Fredrickson, Sid	Petitioners	SidF@cdaid.org	(208) 769-2277
	Kimball, Jim	Petitioners	JKimball@JUB.com	(208) 762-8787
yes	Koch, Richard*	Ecology	rkoc461@ecy.wa.gov	(509) 329-3400
	Merrill, Ken	Ecology	kmer461@ecy.wa.gov	(509) 329-3400
	Paschal Osborn, Rachel	Ecology	rdpaschal@earthlink.net	(509) 328-1087
	Rawls, Bruce*	Petitioners	Brawls@spokanecounty.org	(509) 477-3604
	Kevin Cooke	Petitioners	kcooke@SpokaneCounty.org	(509) 477-7286
	R. William Rickard	Petitioners	brickard@SpokaneCity.org	(509) 625-6533

1. Attach Audience Attendance Roster-No Audience

   Kevin Cooke attended today's meeting and will substitute for Bruce Rawls in July.

   R. William Rickard attended today' meeting and will substitute for Lloyd Brewer as needed.

2. Meeting Summary:

   Flow and loading data submissions are nearly complete and Bruce Rawls will have last data today. Bruce anticipates transmitting a spreadsheet with flow and loading data to work group on Tuesday for comment and review.

   Lake Oxygenation workshop debriefing

   Feed back from the full work group was made and the need to present information on what next was discussed. Data needs such as SOD was discussed and preliminary engineering. Drs. Mark Beutel and Barry Moore will be invited to a meeting in July to outline a game plan for proceeding into initial planning for Lake Oxygenation. The design goal isn't clear and options were discussed. The some in the full work group suggested the model:

   "If the WQ goal is ----------, then Lake Oxygenation needs to ----------."

   Possible water quality goals were to:

1) bring the dissolved oxygen content of the hypolimnion up to 7 or 6 mg/L.
2) ensure the DO below the dam is at or above 8 mg/L.
3) minimize the decrease of DO in Lake Spokane.

Phosphorus sources to WWTP. Spokane County has a staffer surveying a sample of local outlet for phosphorus content of laundry detergents, dishwashing detergents, fertilizers. Racheal reporting that West Coast Hospitality7 uses a nil P detergent. P is an issue in enough locations that West Coast buys nil P for all its facilities. This seems like a rationale that would apply to most hotels/motel and commercial laundry with nation wide purchasing plans. Richard Koch will compile the results and discussion and write up a memorandum for the committee to review.

Notes on Status of Fundamental Questions:

1. What are the current and future (20 year) wastewater flows and loadings that will be generated for each of the wastewater treatment plants and the proposed Spokane County wastewater treatment plant. Define the monthly average wastewater treatment flows April through October?

2. What are the forecast loadings for BOD, Phosphorus for the above flows?

3. What are the measures to be used for determining the phosphorus loading limits to the river; daily, weekly, monthly, seasonally?

   This Question deferred to Technology Workgroup. Note – the TMDL report discusses loading as <10 ug/L annual average on page 29 of October draft.

4. Lake Aeration Feasibility

Topics for Next Meeting:

Phosphorus sources – review data on sources including survey by county staff, pretreatment program results and make recommendations

Flow and loadings – finish compilation of data and recommendations.

Lake Oxygenation – any last edits to recommendations. Status of reports, notes received from work group members and expert panel.

Next Meeting(s) Time and Place:

July 5 to 12 at Ecology depending on availability of Dr. Mark Beutel and Dr. Barry Moore. They are available July 7 at 9:30 am.