MEETING SUMMARY

Spokane River TMDL Collaboration

Re-Use & Conservation Workgroup

May 17, 2005

Member Attendance:

Here	Name	Sponsor	e-mail	Phone
x	Anderson, Gerry	Ecology	gand461@ecy.wa.gov	(509) 329-3400
	Blau, Pat	Petitioners	Pat.Blau@kaisertwd.com	(509) 927-6350
x	Brewer, Lloyd*	Petitioners	lbrewer@spokanecity.org	(509) 625-6968
x	Cupps, Kathy*	Ecology	kcup461@ecy.wa.gov	(360) 407-6452
x	Fox, Tom	Ecology		(206) 296-5279
	Hyatt, John	Petitioners	pwdir@city-of-airway-heights.org	(509) 244-5429
x	Kimball, Jim	Petitioners	JKimball@JUB.com	(208) 762-8787
	Koch, Richard	Ecology	rkoc461@ecy.wa.gov	(509) 329-3400
x	Krapas, Doug	Petitioners	Doug_Krapas@iepco.com	(509) 924-1911
	Mellish, Lee	Petitioners	Sewerdoc@aol.com	(509) 922-9016
x	Rawls, Bruce	Petitioners	Brawls@spokanecounty.org	(509) 477-3604
x	Riley, Craig	Ecology	craig.riley@doh.wa.gov	
x	Smith, Doug	Petitioners	dsmith@libertylakewa.gov	
	Triplett, Frank	Petitioners	ftriplett@spokanecity.org	(509) 625-7821
x	Werner, Terry	Petitioners	Twerner@postfallsidaho.org	(208) 777-9857

Audience Attendance Roster

Dave Ragsdale

Meeting Summary:

This meeting was conducted via phone. It was agreed that the two June face to face meetings would start at 9:30 to accommodate travelers from the west (details below). There was discussion of some legal constraints in Idaho for reuse and disposal that were thought to be more restrictive than those in Washington. The distinction between disposal and reuse was discussed, but agreed that both would be considered here.

Determining which months of the growing season were most sensitive for phosphorus loading was raised as an issue. It was pointed out that some dischargers using or considering land application might not be able to land apply April through October. It was also mentioned that dischargers in Idaho were considering use of freeway green space and cemeteries for seasonal application.

The following assignments were given:

1) C. Riley & J. Anderson to look up and make available old Ag water use data
2) T. Fox to provide draft table for potential reuse customer data
3) B. Rawls &/or T. Werner to ask Sid Fredrickson about Coeur d'Alene data

4) K. Cupps to get EPA/Ecology case studies on water reuse
5) L. Brewer to check WIRA 55/57 Assessment for rainfall, temp, & ET data
6) K. Cupps to seek clarification from the Policy Committee on Question 3.

Notes on Status of Fundamental Questions:

1. Define concentric rings from each existing and proposed treatment plant to establish a range of distances for re-use of treated municipal wastewater? Answer the question, "What is the total quantity of re-use opportunities within those concentric rings for re-use in agricultural, commercial, industrial, landscaping, aquifer recharge and golf-course applications, during the period April 15 to Sept. 30?"

-Agree that 5, 10, 20, and >20 mile rings will be used
-Will keep options open but work to define constraints
-Will ask dischargers to consider rings and identify potential customers
-GIS ring mapping to be explored

2. Estimate the phosphorus reduction that can be attributed to re-use of municipal wastewater assuming reasonable opportunities are captured over the next 20 year period.

-Start with existing base phosphorus discharges from the Flows workgroup

3. What lessons from experience of other communities in arid climates are there in regard to timing and scale of implementing water re-use measures?

-Purpose of this question not understood by all.
-Will have to keep local (esp. rainfall) differences in mind

4. What is a reasonable expectation for reduction in municipal wastewater influent flows from water conservation measures in the Spokane region?

-It was pointed out that 30 to 35 gallons per citizen day was an aggressive but achievable indoor water use goal.

5. Is the cost estimate, prepared by the City of Spokane and Spokane County for land application of municipal wastewater accurate to within an engineering order of magnitude standard.

-It was noted that this question was deleted at the last full meeting.

6. What is the order of magnitude cost for aquifer recharge alternatives given the analysis done in #1 above?

-Question not addressed at this meeting

Topics for Next Meeting:

- Will review data from the assignments
- Continue to identify path forward to answer questions

Next Meeting Time and Place:

26 May 9 am to Noon Spokane City Water Dept. Conference Rm.
914 E. North Foothills Drive

7 June 9:30 am - 12 Spokane City Water Dept. Conference Rm.
914 E. North Foothills Drive

22 June 9:30 am - 12 Spokane City Water Dept. Conference Rm.
914 E. North Foothills Drive