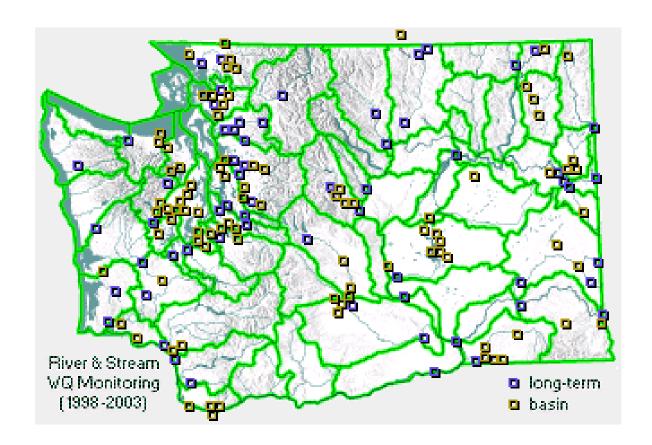
# Spokane River Basin Monitoring

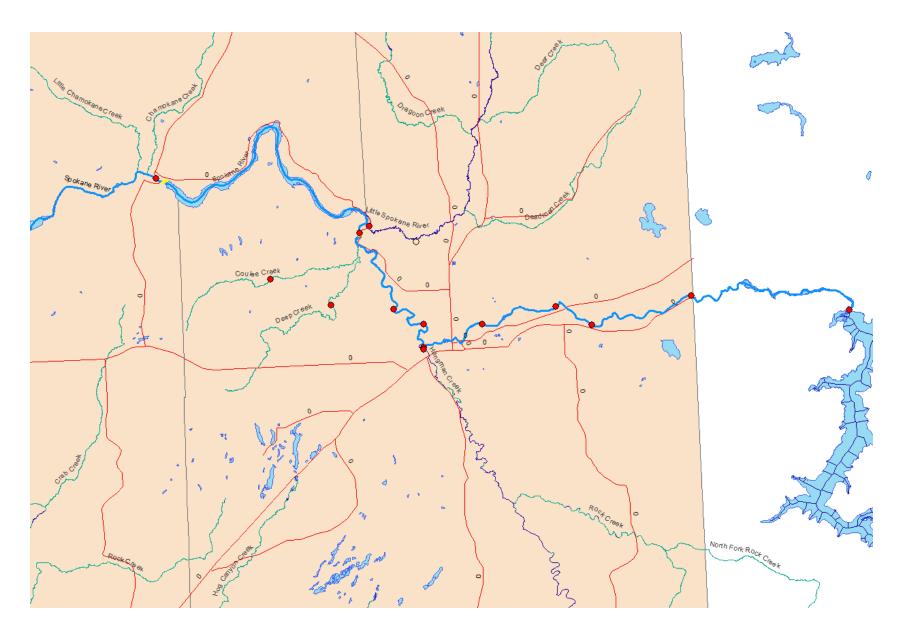


### **Ecology River and Stream Water Quality Monitoring**



http://www.ecy.wa.gov/programs/eap/fw riv/rv main.html

#### **Ecology River and Stream Monitoring sites**



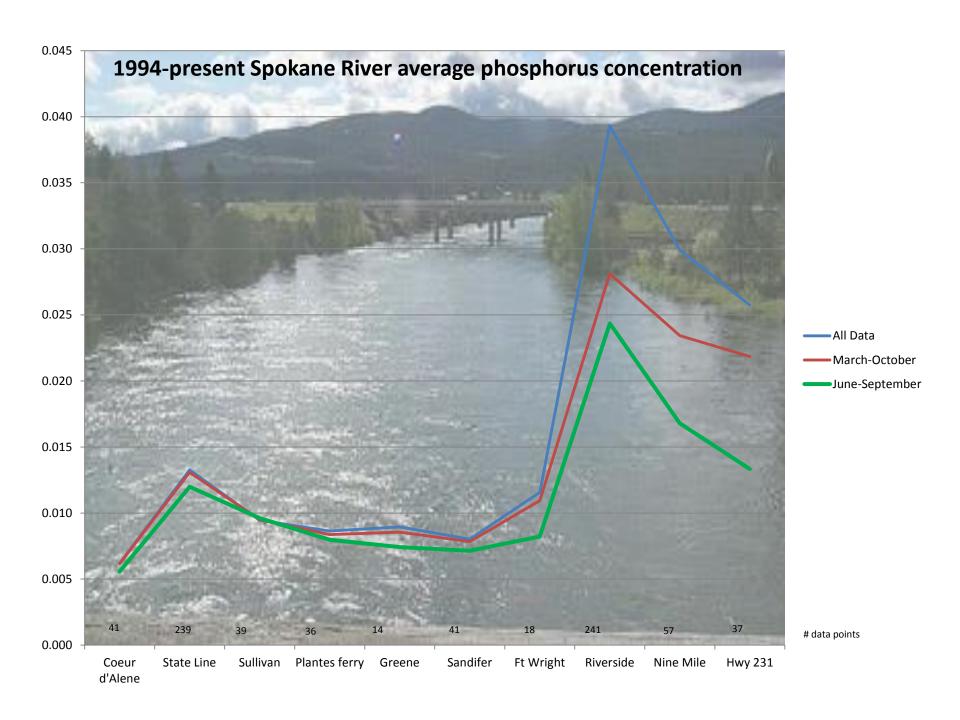


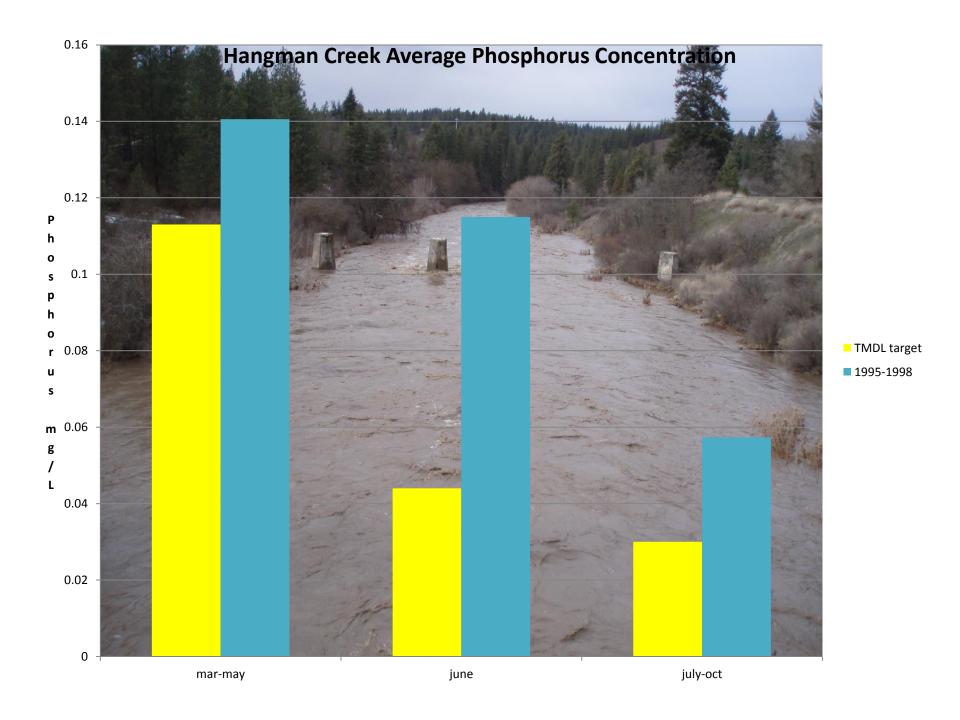
Table 6 a. Tributary and groundwater TMDL load allocations. Load allocations are calculated based on expected reductions to human-caused (2001) pollution load. Natural background (No Source), 2001, TMDL, and groundwater average loads and calculations are provided in Appendix M. Ammonia and CBOD are assumed to be negligible in groundwater.

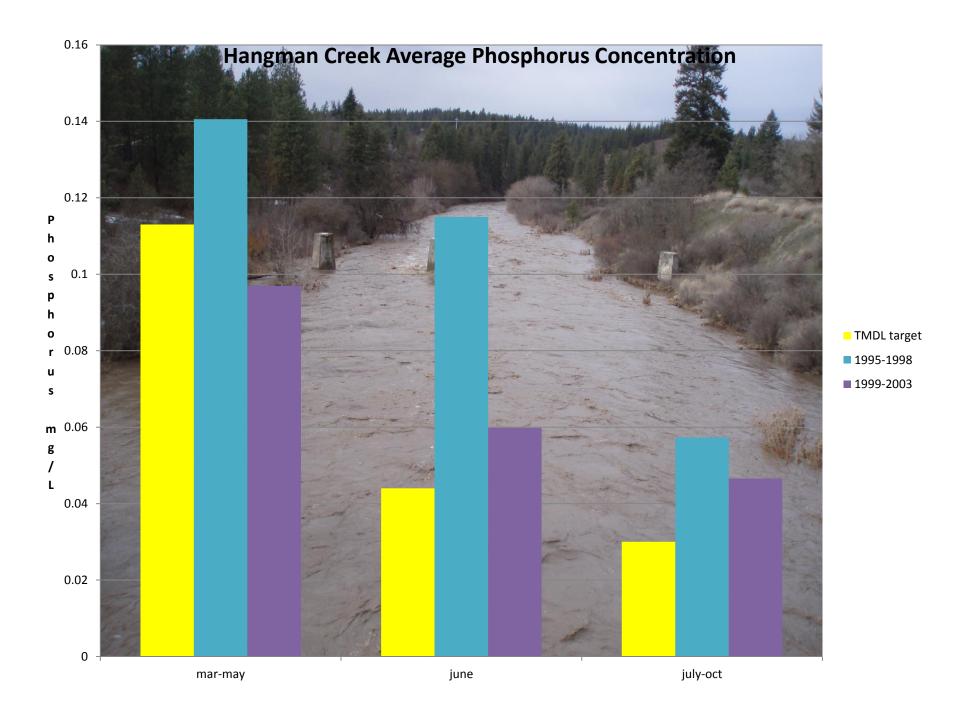
Water		Total Phosphorus		Ammonia (NH3-N)		CBOD	
Body and Season	2001 Flow (cfs)	Allocation Concentration (mg/L) <sup>1</sup>	2001 Load Allocation (lbs/day)	Allocation Concentration (mg/L)	2001 Load Allocation (lbs/day)	Allocation Concentration (mg/L)	2001 Load Allocation (lbs/day)
Hangman	Creek	ra e granden klainaj (jili 19	The francisco services and the last				
March– May Average	229	0.113	140.2	0.034	42.1	3.3	4102.1
June	31	0.044	7.5	0.012	2.1	2.8	479.0
July – October Average	9	0.030	1.4	0.009	0.4	2.3	107.9
Coulee Cr	reek				and consignation		
March– May Average	30	0.113	18.2	0.034	5.5	3.3	533.7
June	.8	0.044	1.8	0.012	0.5	2.8	116.5
July - October Average	2	0.030	0.4	0.009	0.1	2.3	28.6
Little Spol	kane Riv	/er					napherie 2000 och <u>sales</u>
March - May Average	565	0.034	102.5	0.035	106.2	2.1	6409.3
June	426	0.023	53.9	0.005	11.5	2.1	4828.2
July – October Average	364	0.016	32.2	0.006	11.0	1.5	2867.8
Groundwater - Upstream of Lake Spokane							
March – May Average	1946	0.0081	87	N/A	N/A	N/A	N/A
June	1583	0.0078	66	N/A	N/A	N/A	N/A
July – October Average	1165	0.0076	48	N/A	N/A	N/A	N/A
COLUMN SECURIOR SE	ater / Su	rface Water Run	off – Lake S <sub>l</sub>	ookane Watershe	ed		
March – May Average	588 <sup>2</sup>	0.025	79	N/A	N/A	N/A	N/A
June	225 <sup>2</sup>	0.025	30	N/A	N/A	N/A	N/A
July – October Average	180 <sup>2</sup>	0.025	24	N/A	N/A	N/A	N/A

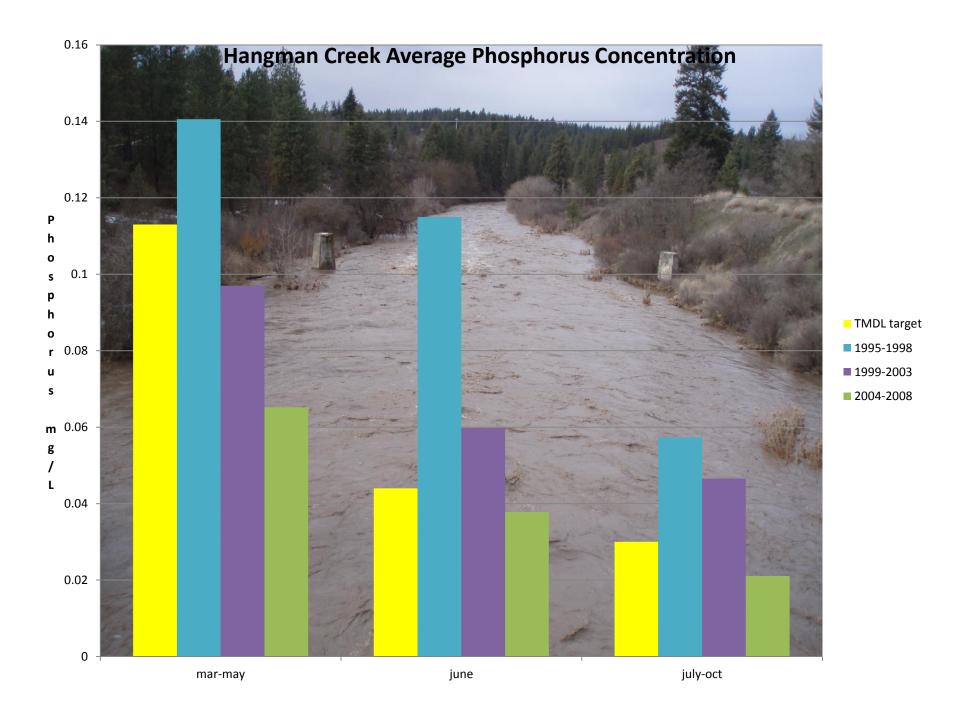
Notes:

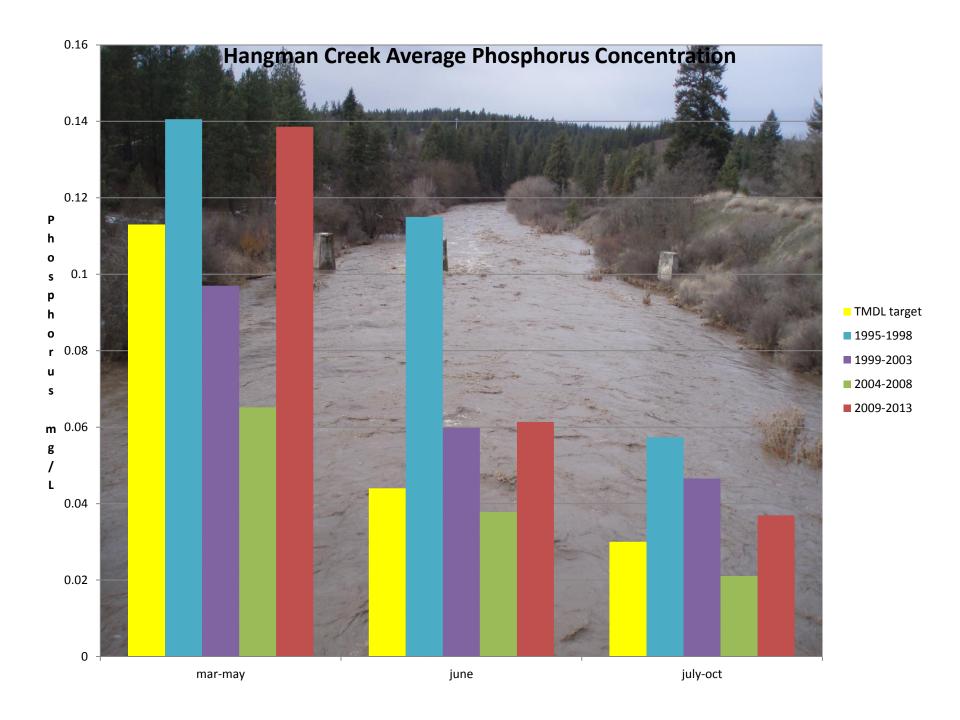
1 – Allocation concentrations are based on critical low flow conditions. Tributary concentrations would have o be met prior to assigning credits for nonpoint source reductions as part of a Dischargers Delta Elimination Plan. For groundwater, no percent reductions are assigned so the entire nonpoint load is available for credit to a Dischargers delta upon Ecology approval.

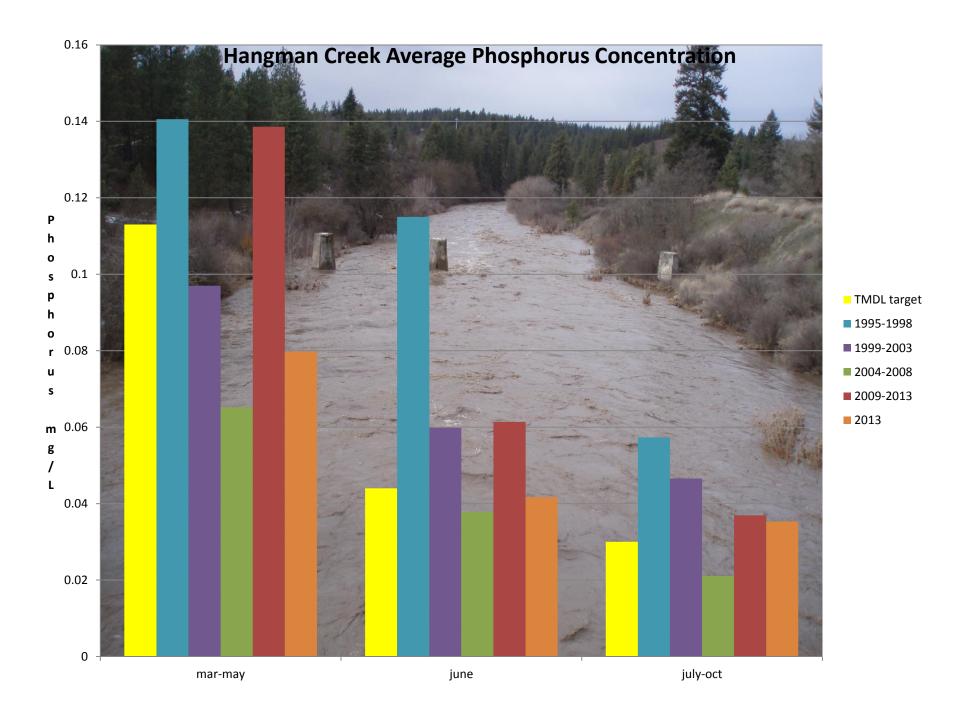
2 – Reservoir correction flows in the water quality model. Flows are both positive and negative. The listed value is the average of positive inflows to the reservoir.

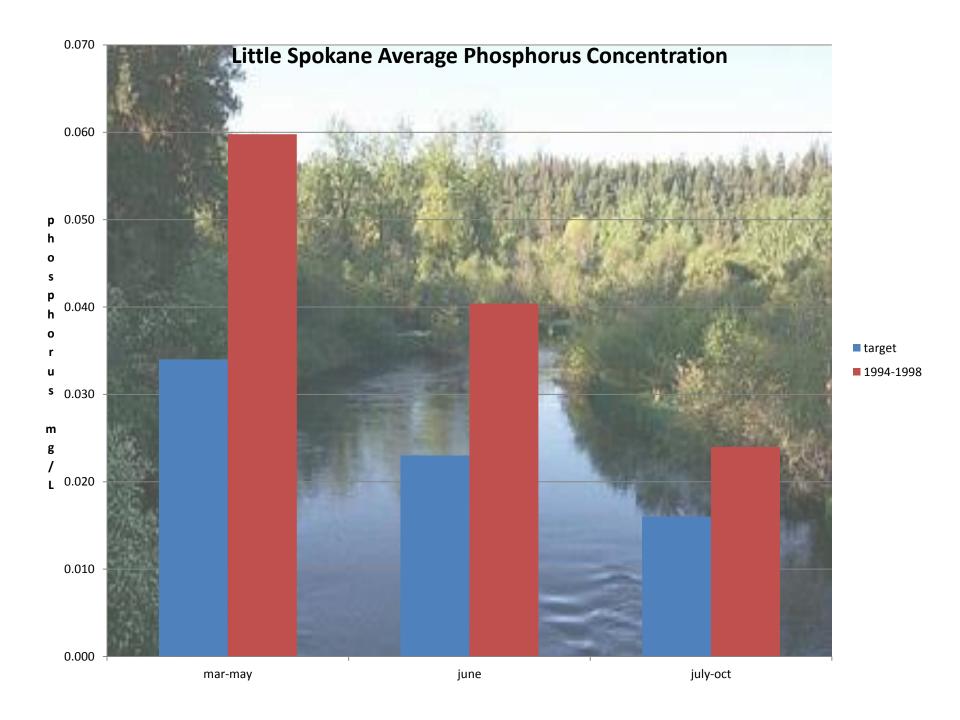


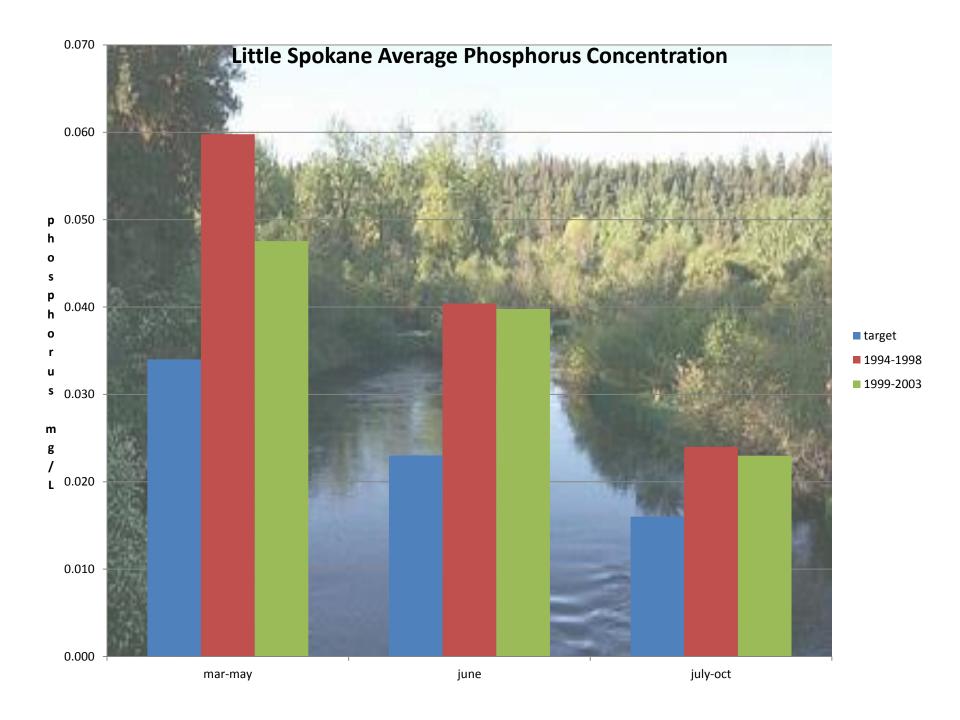


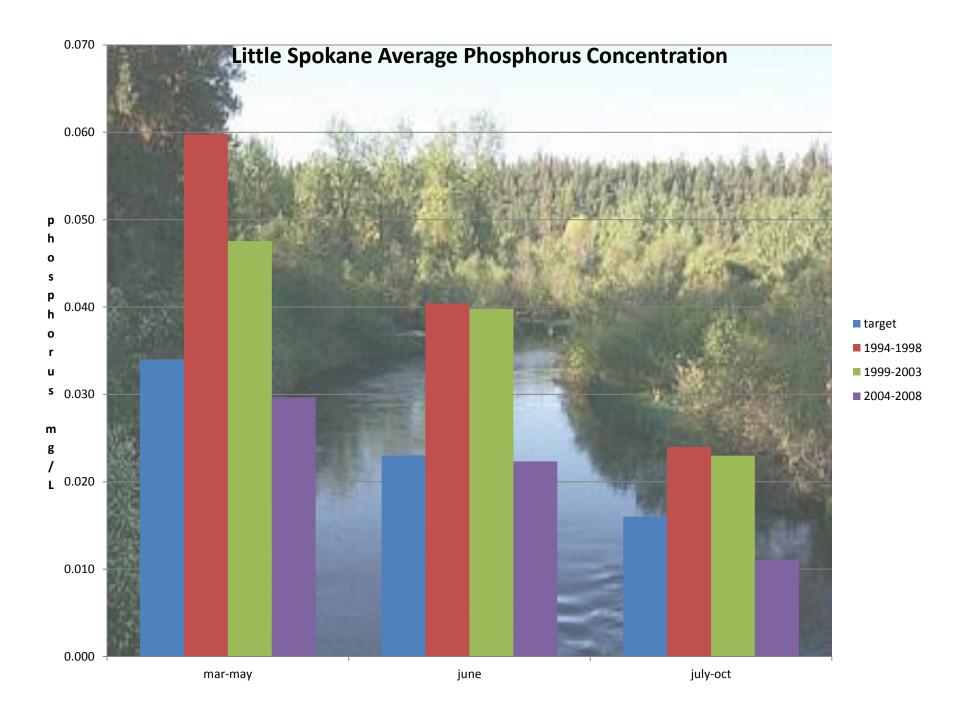


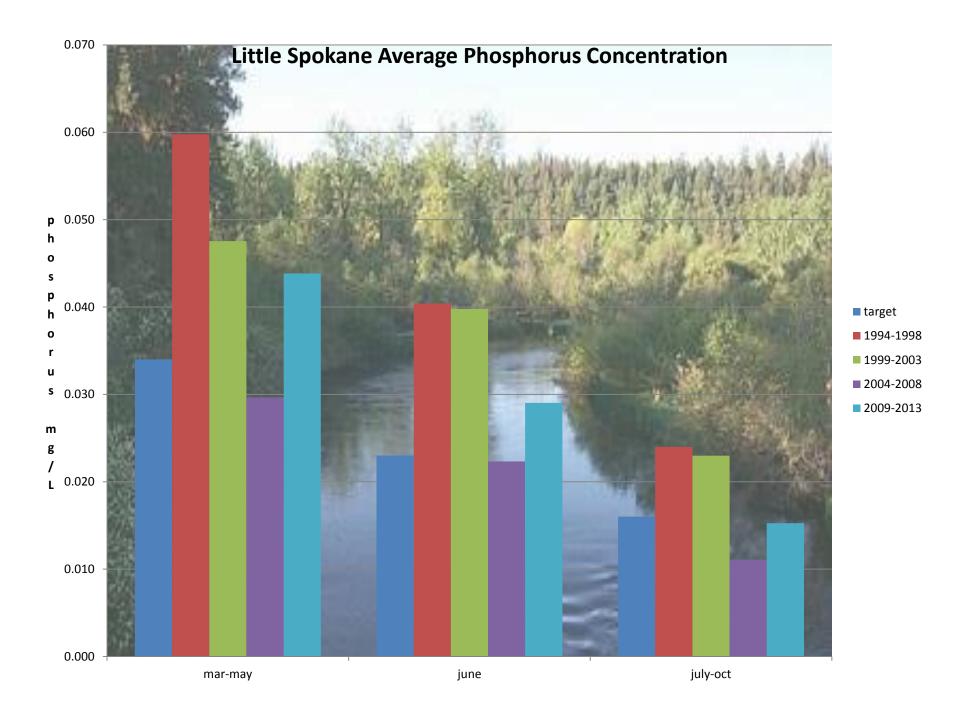


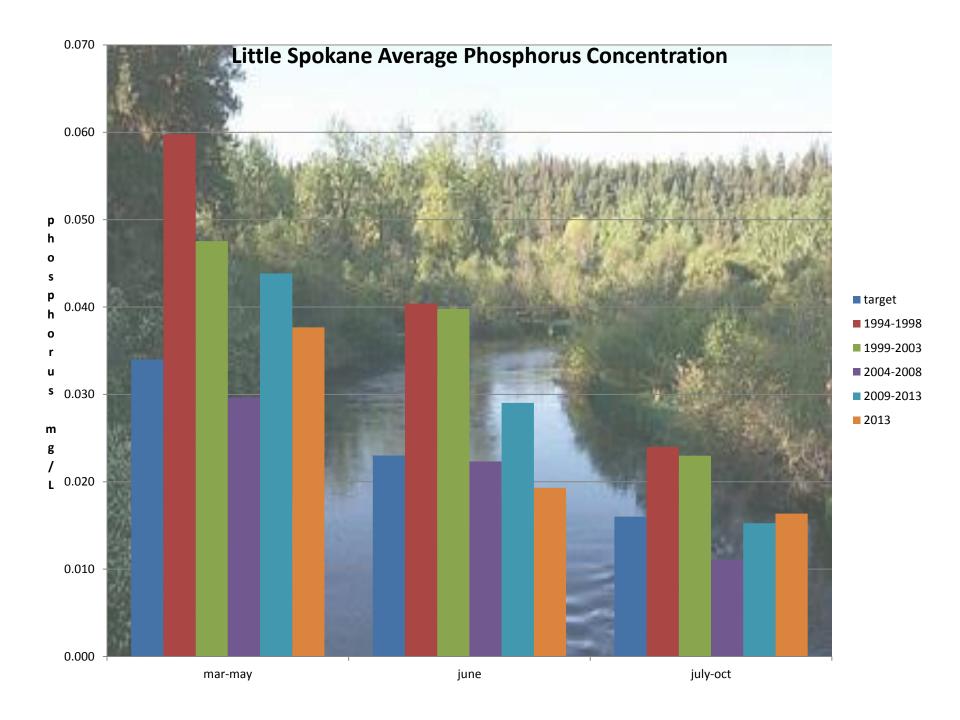




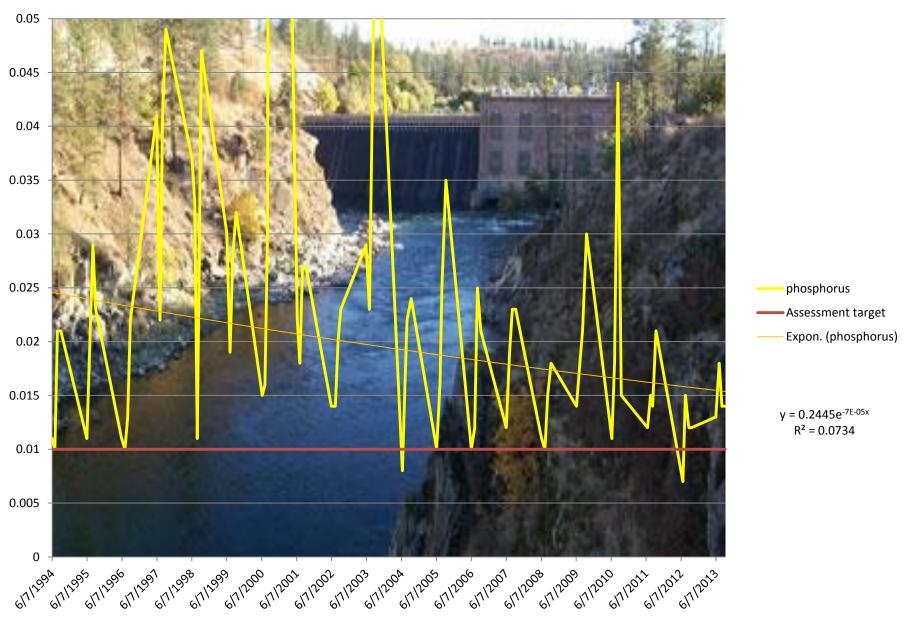


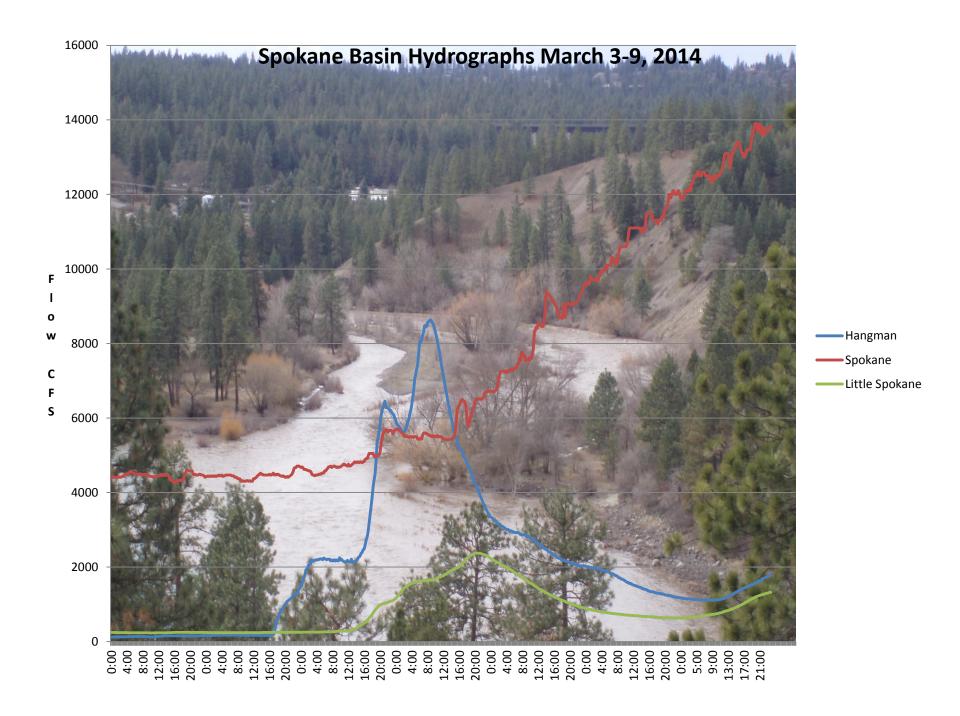


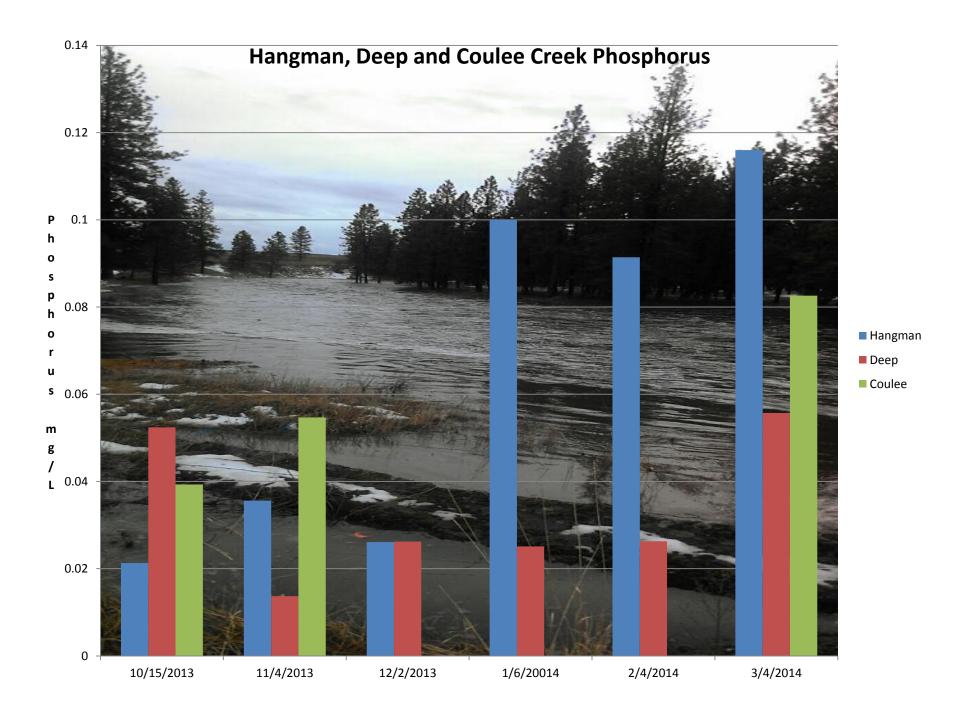




#### June-Sept. Flow Weighted Phosphorus







## Questions?



Spokane River Basin Monitoring Locations

