

# Interim Analysis of 2015 Synoptic Survey Data

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November 18, 2015

# Summary

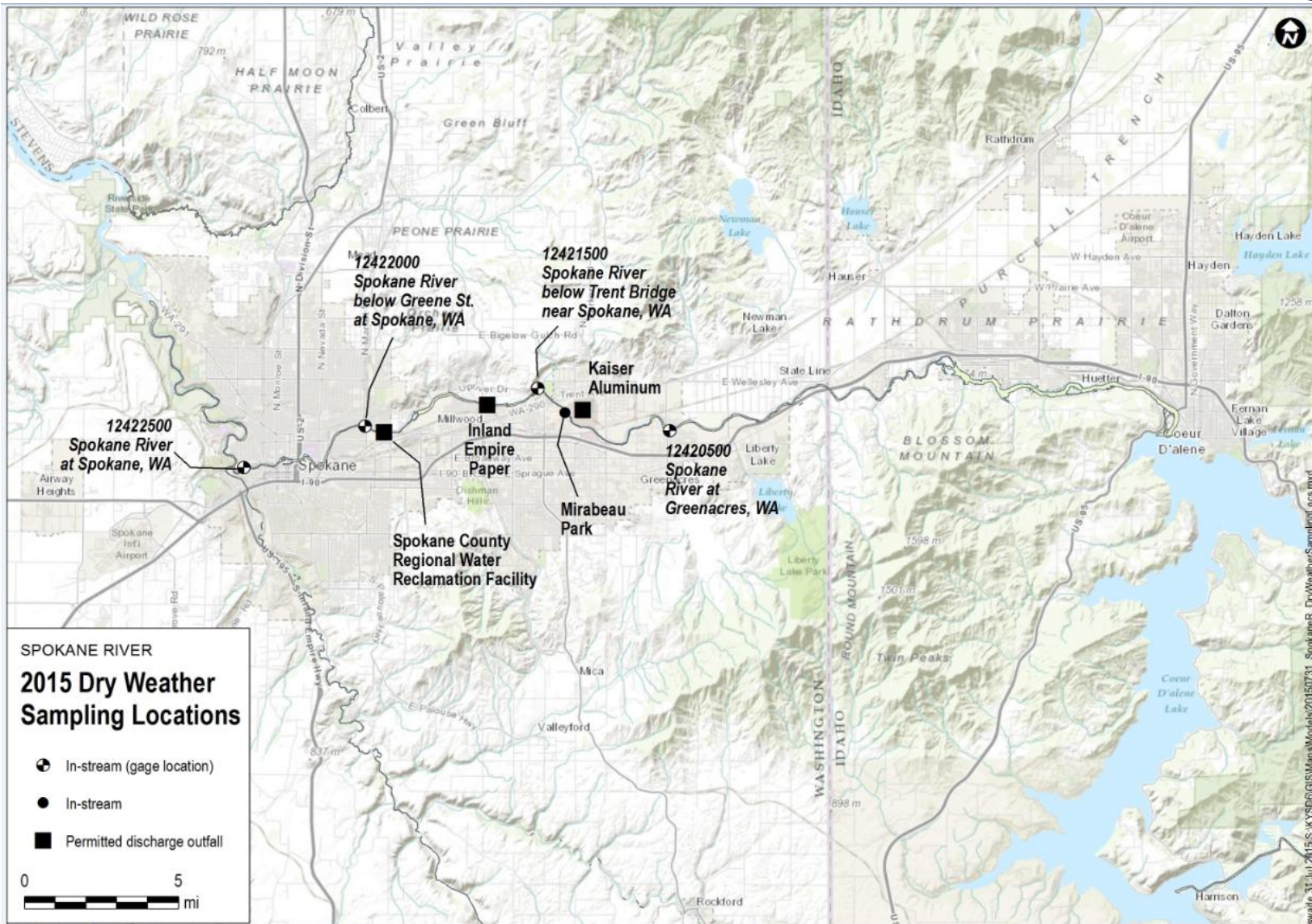
- Most of the laboratory data has been received from the August synoptic survey
  - Until final QA/QC conducted, all results are **draft**
- Primary issue – High levels in two laboratory blanks
- Groundwater “signal” between Barker and Trent still apparent



# Synoptic Survey

- August 18-22, 2015
- Five Spokane River stations
  - Sampled five times
- Three point source discharges
  - Sampled three times





State 31 Jul 2015 5:00 AM K:\YS06\GIS\Maps\Models\20150731\_SpokaneR\_DryWeatherSamplingLocations.mxd



# Blank-Corrected Data (pg/l)

		8/18/15	8/19/15	8/20/15	8/21/15	8/22/15
Station	Location					
SR-3	Spokane River at Spokane	2.9	1.9	178.5	170.3	170.3
SR-4	Spokane River at Greene Street Bridge	100.4	52.2	109.8	173.8	
SR-5	Spokane County Regional Water Reclamation Facility	154.9		465.9		322.8
SR-6	Inland Empire Paper	4265.8; 3927.8		4449.3		3101
SR-7	Spokane River at Below Trent Bridge	71.6	167.6; 132.3	133	119.7	155.9
SR-8	Kaiser Aluminum	2810.7		2789.6; 2645.8		3178.6
SR-8a	Spokane River at Mirabeau Park	1.4	16.7	5	8.4; 1.4	3
SR-9	Spokane River at Barker Road Bridge	1	6.6	20.4	108.1	7.42; 44.5
<b>Field/Bottle Blank</b>		98.5	118.2	133.6	92.4	102.5
<b>Lab Blanks</b>		239.4		60.4		80.3



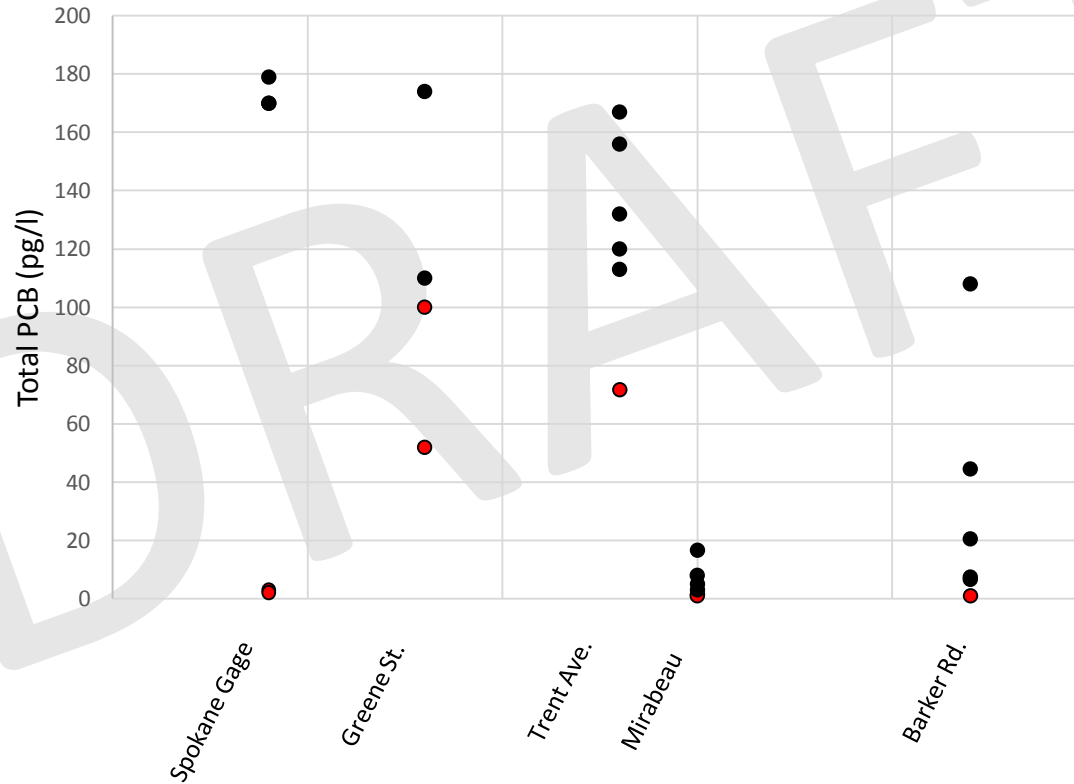


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# Concentration over Distance



# Next Steps

- Receive remaining Greene St. data
- Conduct full QA/QC
- Perform mass balance

