

STA 2 - Cell 3 Data Teacher Key

Water Use and Society - Lesson 3



NOTE: It is assumed that the water that flows into the cell at G333C, flows out of the cell ~ one week later. This is an oversimplification.

INFLOW AT STATION G333C			OUTFLOW	
Collection Date	P (ppb)	Flow (cfs)	Collection Date	P (ppb)
1/4/12 12:06	16	0	1/11/12 10:55	12
1/11/12 12:28	19	0.35	1/18/12 10:13	13
1/18/12 11:30	26	0	1/25/12 10:45	13
1/25/12 12:20	20	0	2/1/12 11:22	12
2/1/12 12:35	21	0	2/8/12 11:08	21
2/8/12 12:43	22	24.11	2/15/12 11:03	18
2/15/12 12:21	26	4.46	2/22/12 10:54	19
2/22/12 12:13	30	0	2/29/12 10:40	27
2/29/12 11:51	24	0	3/7/12 12:22	40
3/7/12 12:46	23	0	3/14/12 10:36	27
3/14/12 12:04	20	0	3/21/12 11:06	26
3/21/12 12:56	20	0	3/28/12 10:12	25
3/28/12 11:30	21	0	4/4/12 10:41	23
4/4/12 12:10	16	8.34	4/11/12 10:20	23
4/11/12 12:00	20	0	4/18/12 10:39	22
4/18/12 11:55	21	0	4/25/12 10:25	18
4/25/12 12:35	53	82.68	5/2/12 10:52	21
5/2/12 12:38	30	20.82	5/9/12 11:31	27
5/9/12 13:00	27	0.01	5/16/12 10:43	21
5/16/12 12:34	32	3.82	5/23/12 11:29	15
5/23/12 12:56	56	0	5/30/12 10:58	19
5/30/12 12:08	41	50.4	6/6/12 10:53	14
6/6/12 12:04	70	0	6/13/12 11:03	14
6/13/12 12:21	36	0	6/20/12 10:25	14
6/20/12 11:33	19	0	6/27/12 10:35	16
6/27/12 12:32	56	13.86	7/5/12 10:04	14
7/5/12 11:05	49	0	7/11/12 11:40	14
7/11/12 12:58	27	7.61	7/18/12 11:06	15
7/18/12 12:25	92	96.48	7/25/12 10:15	13
7/25/12 11:22	66	58.53	8/1/12 11:17	11
8/1/12 12:30	72	0	8/8/12 10:40	11
8/8/12 12:02	96	29.57	8/15/12 10:25	14
8/15/12 11:38	55	36.85	8/22/12 11:16	15

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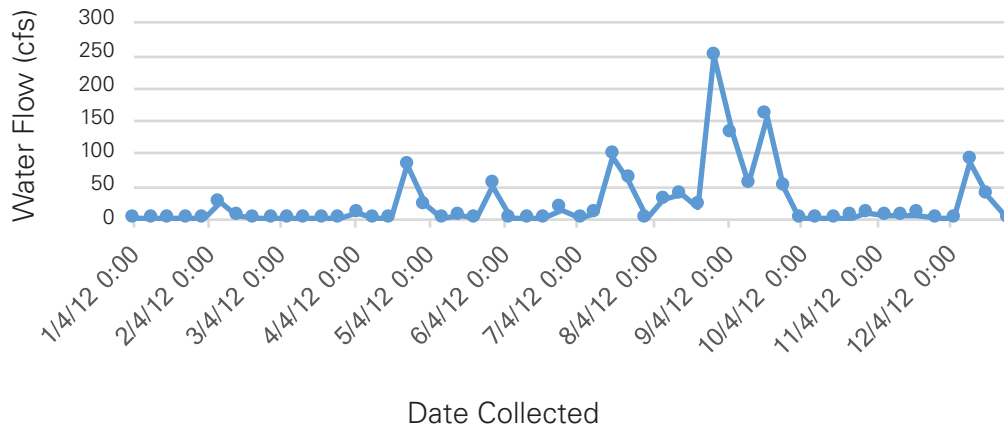
INFLOW AT STATION G333C			OUTFLOW	
Collection Date	P (ppb)	Flow (cfs)	Collection Date	P (ppb)
8/22/12 12:45	73	17.94	8/29/12 11:53	9
8/29/12 13:22	270	249.26	9/5/12 11:25	24
9/5/12 12:58	288	130	9/12/12 11:34	20
9/12/12 12:51	147	52.5	9/19/12 11:24	20
9/19/12 12:50	107	157.19	9/26/12 10:48	13
9/26/12 12:53	107	49.02	10/3/12 10:19	14
10/3/12 12:20	86	0	10/10/12 12:07	19
10/10/12 13:54	66	0	10/17/12 10:23	21
10/17/12 12:06	47	0	10/24/12 10:30	16
10/24/12 12:22	54	1.24	10/30/12 11:01	13
10/30/12 12:21	61	8.48	11/7/12 10:55	20
11/7/12 12:09	25	4.94	11/14/12 10:08	19
11/14/12 10:39	22	3.65	11/21/12 9:01	20
11/20/12 11:39	33	5.4	11/28/12 10:25	18
11/28/12 10:46	17	0	12/5/12 10:51	18
12/5/12 10:45	22	0	12/12/12 10:35	26
12/12/12 11:11	47	87.5	12/19/12 10:17	19
12/19/12 11:12	92	34.89	12/26/12 10:14	16
12/27/12 12:14	71	0	1/3/13 9:53	18

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Water Flow (cfs) at G333C in Cell 3 - STA-2 - January - December 2012



A Comparison of Phosphorus Levels from Inflow (at G333C) and Outflow (at G334) in Cell 3 - STA-2 - January - December 2012

