

H2O-IQ®**Rickly Hydrological Company®****Observation Report for Wednesday, July 20, 2011****Calculations:**

Gage ID:	FORMATION SPG ONE
User ID:	Roc
Beginning Staff Height:	1.5
Ending Staff Height:	1.4
Beginning Gage Height:	0
Ending Gage Height:	0
Start Measure:	LEW
Meter Type:	AA
Measuring System:	English
Total Width:	13
Total Area:	16.254
Total Discharge:	9.0886
Mean Velocity:	0.4945

Observations:

Ob. #	Distance	Depth	Revolutions	Time	OB Depth	Clock	Velocity	Area	Flow	Coefficient
1	0	0	0	0		6 3:07 PM	0	0	0	1
2	0	0.7	0	0		6 3:09 PM	0	0.21	0	1
3	0.6	0.8	0	0		6 3:11 PM	0	0.48	0	1
4	1.2	0.95	3	41.9		6 3:13 PM	0.1757	0.57	0.1001	1
5	1.8	1.32	5	44.2		6 3:19 PM	0.2672	0.792	0.2116	1
6	2.4	1.44	7	40.4		6 3:20 PM	0.3998	0.864	0.3454	1
7	3	1.62	11	42.7		6 3:22 PM	0.5858	0.972	0.5694	1
8	3.6	1.5	13	40.8		6 3:23 PM	0.7203	0.9	0.6483	1
9	4.2	1.52	13	42.7		6 3:24 PM	0.6891	0.912	0.6285	1
10	4.8	1.36	14	41.2		6 3:25 PM	0.767	0.816	0.6259	1
11	5.4	1.31	15	40.7		6 3:27 PM	0.8304	0.786	0.6527	1
12	6	1.25	14	41.4		6 3:28 PM	0.7634	0.75	0.5726	1
13	6.6	1.3	14	41.2		6 3:29 PM	0.767	0.78	0.5983	1
14	7.2	1.35	13	41.4		6 3:30 PM	0.7101	0.81	0.5752	1
15	7.8	1.32	12	40.2		6 3:32 PM	0.6759	0.792	0.5353	1
16	8.4	1.35	12	41.4		6 3:33 PM	0.6569	0.81	0.5321	1
17	9	1.38	11	41.1		6 3:34 PM	0.6079	0.828	0.5033	1
18	9.6	1.37	10	42.6		6 3:35 PM	0.5354	0.822	0.4401	1
19	10.2	1.3	10	41.8		6 3:37 PM	0.5453	0.78	0.4253	1
20	10.8	1.3	10	42.2		6 3:38 PM	0.5403	0.78	0.4214	1
21	11.4	1.1	10	41.2		6 3:39 PM	0.5529	0.66	0.3649	1
22	12	1.02	7	45		6 3:41 PM	0.3608	0.612	0.2208	1
23	12.6	0.88	4	43.1		6 3:42 PM	0.2224	0.528	0.1174	1

H2O-IQ®**Rickly Hydrological Company®****Observation Report for Wednesday, July 20, 2011****Calculations:**

Gage ID:	Formtn Spg two
User ID:	ROCK
Begining Staff Height:	0.68
Ending Staff Height:	0.73
Beginning Gage Height:	0
Ending Gage Height:	0
Start Measure:	LEW
Meter Type:	AA
Measuring System:	English
Total Width:	14
Total Area:	8.568
Total Discharge:	3.2523
Mean Velocity:	0.339

Observations:

Ob. #	Distance	Depth	Revolutions	Time	OB Depth	Clock	Velocity	Area	Flow	Coefficient
1	0	0	0	0	6	4:06 PM	0	0	0	1
2	1.4	0.52	11	43.1	6	4:07 PM	0.5805	0.728	0.4226	1
3	2.8	0.58	9	43.4	6	4:09 PM	0.475	0.812	0.3857	1
4	4.2	0.68	2	55.5	6	4:11 PM	0.0973	0.952	0.0926	1
5	5.6	0.71	8	45.5	6	4:12 PM	0.4055	0.994	0.4031	1
6	7	0.78	8	42.2	6	4:14 PM	0.4358	1.092	0.4759	1
7	8.4	0.75	6	41.5	6	4:17 PM	0.3366	1.05	0.3534	1
8	9.8	0.74	7	40.5	6	4:18 PM	0.3989	1.036	0.4133	1
9	11.2	0.6	7	41.6	6	4:20 PM	0.3888	0.84	0.3266	1
10	12.6	0.44	7	43.8	6	4:21 PM	0.3702	0.616	0.228	1
11	14	0.32	6	41.4	6	4:22 PM	0.3373	0.448	0.1511	1
12	15.4	0	0	0	6	4:23 PM	0	0	0	1
13	16.8	0	0	0	6	4:23 PM	0	0	0	1