

Stone Run Samples 60											Flow-Stage Rating Curves Log Flow=3.5595*Log Stage+1.3185 Jones Jones - Est. Collect Time										Event Duration							
Lab Code	Lab Log Date	Sample Name	Field Date	Arrival Time	Stage ft	Chart working?	ISCO Data - Estimated		ISCO - Est. Post		Stage ft	Stage m	Flow (m³/s)	Flow (m³/s/km²)	pH	Cond uS/cm	ANC uEq/l	Cl mg/l	NO3-N mgN/l	SO4 mgSO4/l		DOC mgC/l	DIC mgC/l	Ca mgCa/l	Mg mgMg/l	Na mgNa/l	K mgK/l	Al mgAl/l
							ISCO - Est.	Post	ISCO - Est.	Post																		
Post		Chart		Manual		Chart																						
DJ 7	8/31/2005	SR #1	8/31/2005	9:50	0.780	N	8/30/2005	13:55	0.560	0.560	0.171	0.039	0.0033	5.80	20.20	21.10	0.759	0.060	6.39	2.21	0.519	1.67	0.61	0.64	0.44			
DJ 8	8/31/2005	SR #6	8/31/2005	9:50	0.780	N	8/30/2005	18:07	0.612	0.147	0.053	0.0041	5.76	20.00	18.10	0.764	0.041	6.45	1.83	0.483	1.61	0.62	0.81	0.63	0.054			
DJ 9	8/31/2005	SR #11	8/31/2005	9:50	0.780	N	8/31/2005	22:19	0.727	0.229	0.039	0.0049	5.80	20.10	20.10	0.735	0.062	6.46	1.87	0.468	1.62	0.63	0.37	0.63	0.059			
DJ 10	8/31/2005	SR #16	8/31/2005	9:50	0.780	N	8/31/2005	2:31	0.797	0.248	0.138	0.0111	5.77	19.80	18.00	0.738	0.060	6.42	1.55	0.480	1.78	0.65	0.82	0.66	0.053			
DJ 11	8/31/2005	SR #21	8/31/2005	9:50	0.780	N	8/31/2005	8:43	0.817	0.248	0.148	0.0126	5.78	19.90	17.70	0.745	0.066	6.45	1.82	0.455	1.77	0.65	0.80	0.64	0.071	45 hrs > 44 ug/L; 16 hrs > 115 ug/L		
DJ 12	8/31/2005	SR #24	8/31/2005	9:50	0.780	N	8/31/2005	9:13	> 0.78	0.851	0.258	0.171	0.0135	5.82	20.20	18.60	0.764	0.053	6.58	1.83	0.450	1.72	0.63	0.80	0.67	0.044		
DJ 13	9/1/2005	SR #1	9/1/2005	14:18	0.580	N	8/31/2005	11:43	0.780	0.580	0.177	0.044	0.0038	5.54	24.50	14.00	0.753	0.050	8.15	2.67	0.511	2.03	0.78	0.80	0.69	0.090		
DJ 14	9/1/2005	SR #5	9/1/2005	14:18	0.580	N	8/31/2005	17:43	0.830	0.853	0.260	0.173	0.0149	5.47	25.80	8.95	0.778	0.058	8.97	2.78	0.396	2.23	0.85	0.76	0.71	1.115		
DJ 15	9/1/2005	SR #17	9/1/2005	14:18	0.580	N	9/1/2005	3:43	0.721	0.220	0.094	0.0062	5.43	26.10	8.45	0.766	0.047	9.37	2.36	0.265	2.30	0.87	0.76	0.68	1.110			
DJ 16	9/1/2005	SR #24	9/1/2005	14:18	0.580	N	9/1/2005	10:43	> 0.58	0.649	0.198	0.065	0.0056	5.42	26.30	9.28	0.745	0.048	9.17	2.42	0.283	2.23	0.85	0.76	0.66	1.110		
DJ 24	10/10/2005	SR #1	10/8/2005	14:13	0.780	N	10/7/2005	12:00	0.569	0.669	0.204	0.074	0.0063	6.12	22.42	24.00	0.917	0.041	5.36	3.28	0.572	1.44	0.53	0.63	0.93	0.033		
DJ 25	10/10/2005	SR #7	10/8/2005	14:13	0.780	N	10/7/2005	18:00	0.969	1.071	0.327	0.387	0.0335	6.09	22.69	20.20	0.892	<0.12	5.71	2.41	0.930	1.32	0.52	0.59	0.87	0.033		
DJ 26	10/10/2005	SR #8	10/8/2005	14:13	0.780	N	10/7/2005	19:00	0.968	1.071	0.326	0.387	0.0335	6.05	22.78	20.50	0.937	0.053	5.70	2.51	0.480	1.42	0.54	0.61	0.86	0.057		
DJ 27	10/10/2005	SR #24	10/8/2005	14:13	0.780	N	10/8/2005	11:00	0.679	0.763	0.228	0.171	0.0111	6.00	23.26	20.70	0.913	0.048	5.83	2.52	0.446	1.40	0.54	0.60	0.86	0.442		
DJ 32	10/25/2005	SR #1	10/23/2005	13:38	0.830	Y	10/22/2005	14:28	0.840	0.830	0.253	0.156	0.0135	5.76	28.30	15.40	1.37	0.038	7.41	3.05	0.478	1.89	0.73	0.55	0.82	1.120		
DJ 34	10/25/2005	SR #10	10/23/2005	13:38	0.830	Y	10/22/2005	23:28	0.852	0.833	0.169	0.131	0.0169	5.77	28.20	14.00	1.34	<0.12	7.50	2.9	0.446	1.88	0.75	0.56	0.84	1.035		
DJ 35	10/25/2005	SR #24	10/23/2005	13:38	0.830	Y	10/23/2005	13:28	0.706	0.833	0.383	0.157	0.0135	5.73	29.10	12.60	1.38	<0.12	7.99	2.68	0.42	1.92	0.78	0.51	0.81	1.020		
DJ 38	10/26/2005	SR #12	10/25/2005	11:15	1.050	Y	10/24/2005	13:20	0.830	0.253	0.157	0.0135	5.99	30.40	8.05	1.39	0.042	8.62	1.87	0.458	2.04	0.79	0.51	0.57	1.160			
DJ 39	10/26/2005	SR #23	10/25/2005	11:15	1.050	0.810	10/25/2005	11:19	1.050	0.920	0.225	0.0195	5.34	32.20	-0.08	1.46	<0.12	9.00	2.46	0.353	1.94	0.79	0.43	0.56	0.220	9 days, 14 hrs = 230 hrs > 87 ug/L; 48 hrs > 220 ug/L; 49 hrs > 220 ug/L		
DJ 44	10/28/2005	SR #4	10/27/2005	12:45	1.120	Y	10/26/2005	11:45	0.938	0.438	0.0380	5.00	33.40	-2.25	1.35	0.046	8.05	2.91	0.356	1.86	0.75	0.42	0.59	0.230				
DJ 45	10/28/2005	SR #10	10/27/2005	12:45	1.120	0.885	10/27/2005	12:47	1.120	0.999	0.305	0.303	0.0282	4.92	33.40	-4.30	1.16	0.051	8.24	1.97	0.35	1.75	0.73	0.41	0.52	0.220		
DJ 48	11/4/2005	SR #11	11/4/2005	13:23	0.840	0.620	10/27/2005	20:47	0.985	0.300	0.288	0.0249	4.88	32.50	3.69	1.12	0.052	8.41	1.76	0.292	1.78	0.73	0.38	0.51	1.185			
DJ 49	11/4/2005	SR #24	11/4/2005	13:23	0.840	N	11/1/2005	4:47	0.822	0.251	0.151	0.0131	5.08	29.50	-5.36	0.995	0.047	7.90	1.24	0.316	1.80	0.73	0.41	0.50	1.150			
DJ 50	11/14/2005	SR #1	11/11/2005	11:13	0.960	0.715	11/9/2005	21:00	0.894	0.272	0.203	0.0176	5.10	30.44	6.59	1.37	0.058	7.65	1.80	0.332	1.72	0.71	0.46	0.97	0.887			
DJ 51	11/14/2005	SR #9	11/11/2005	11:13	0.960	N	11/1/2005	5:00	0.970	0.286	0.272	0.223	0.0235	5.23	27.86	4.88	0.965	<0.12	7.87	1.67	0.362	1.69	0.69	0.44	0.68	1.020		
DJ 52	11/14/2005	SR #13	11/11/2005	11:13	0.960	N	11/1/2005	21:00	0.953	0.291	0.256	0.0221	4.96	32.32	-8.53	1.08	<0.12	8.58	2.57	0.279	1.65	0.71	0.40	0.58	0.260			
DJ 53	11/14/2005	SR #21	11/11/2005	11:13	0.960	N	11/13/2005	5:00	0.940	0.287	0.244	0.0211	4.97	31.61	-3.05	0.994	<0.12	8.55	1.98	0.278	1.67	0.41	0.40	0.56	0.200			
DJ 56	11/15/2005	SR #1	11/15/2005	10:25	1.340	N	11/15/2005	4:00	0.998	0.998	0.298	0.0298	5.44	30.66	-1.17	0.894	0.050	7.92	1.90	0.330	1.62	0.69	0.41	0.61	1.035			
DJ 57	11/15/2005	SR #24	11/15/2005	10:25	1.340	N	11/15/2005	10:00	1.383	0.418	0.813	0.0701	5.15	31.39	-2.58	0.901	0.046	7.89	1.85	0.273	1.72	0.70	0.46	0.65	0.662			
DJ 58	11/15/2005	SR #25	11/15/2005	10:25	1.340	1.370	11/15/2005	11:15	1.340	1.370	0.418	0.930	0.0805	4.93	33.81	-1.39	1.07	0.049	8.73	2.95	0.899	1.72	0.75	0.42	0.58	1.200		
DJ 63	11/17/2005	SR #2	11/17/2005	10:43	1.160	N	11/15/2005	15:25	1.220	0.387	0.709	0.0613	4.81	34.65	-12.10	0.987	<0.12	8.73	2.81	0.327	1.61	0.69	0.38	0.58	0.290			
DJ 64	11/17/2005	SR #6	11/17/2005	10:43	1.160	N	11/16/2005	7:25	1.169	0.356	0.528	0.0498	4.89	32.96	-6.28	0.978	0.054	8.59	1.95	0.313	1.70	0.71	0.42	0.52	0.440			
DJ 65	11/17/2005	SR #8	11/17/2005	10:43	1.160	N	11/16/2005	15:25	1.295	0.395	0.760	0.0658	4.89	32.62	-7.69	0.970	0.051	8.67	2.10	0.341	1.67	0.71	0.40	0.54	0.240			
DJ 66	11/19/2005	SR #3	11/19/2005	12:57	1.040	N	11/19/2005	13:24	1.040	1.040	0.317	0.349	0.0302	4.86	32.12	-5.47	0.935	0.050	8.64	1.32	0.322	1.72	0.73	0.40	0.50	0.200		
DJ 68	11/19/2005	SR #1	11/19/2005	12:57	1.040	1.065	11/17/2005	11:37	1.169	0.356	0.528	0.0457	4.88	32.38	-7.21	0.967	0.045	8.64	1.73	0.329	1.66	0.72	0.42	0.53	0.330			
DJ 69	11/19/2005	SR #2	11/19/2005	12:57	1.040	N	11/17/2005	23:37	1.140	0.347	0.483	0.0443	4.92	31.71	-5.20	0.937	0.046	8.53	1.57	0.345	1.64	0.71	0.40	0.51	0.250			
DJ 73	3/13/2006	SR #1	3/13/2006	14:40	0.900	0.870	3/13/2006	14:45	0.900	0.900	0.274	0.208	0.0180	5.23	27.15	-13.40	0.747	0.028	8.17	1.19	<0.80	1.69	0.68	0.45	0.49	0.240		
DJ 75	3/14/2006	SR #1	3/14/2006	14:15	0.900	0.990	3/14/2006	14:20	0.970	0.970	0.296	0.272	0.0235	5.10	28.16	-15.30	0.750	0.032	8.28	1.55	0.119	1.65	0.67	0.43	0.49	0.290		
DJ 77	4/4/2006	SR #1	4/4/2006	10:48	0.855	0.850	4/4/2006	10:55	0.855	0.855	0.261	0.174	0.0150	6.19	26.89	1.97	2.66	0.089	4.93	1.39	0.471	1.52	0.65	1.19	0.74	0.035		
DJ 79	4/24/2006	SR #2	4/24/2006	10:12	1.200	N	4/23/2006	9:00	1.000	1.000	0.305	0.305	0.0272	5.40	29.27	-4.86	0.851	0.029	8.59	1.69	0.211	1.80	0.72	0.43	0.52	0.260		
DJ 80	4/24/2006	SR #8	4/24/2006	10:12	1.200	N	4/23/2006	15:00	0.950	0.950	0.339	0.381	0.0382	5.26	29.44	-5.16	0.823	<0.12	8.55	1.69	0.190	1.80	0.73	0.43	0.54	0.270		
DJ 81	4/24/2006	SR #14	4/24/2006	10:12	1.200	N	4/23/2006	21:00	1.040	1.040	0.317	0.349	0.0301	5.17	29.35	-4.38	0.836	<0.12	8.58	1.76	0.208	1.82	0.73	0.51	0.59	0.250		
DJ 82	4/24/2006	SR #19	4/24/2006	10:12	1.200	N	4/24/2006	2:00	1.060	1.060	0.323	0.373	0.0323	5.12	28.92	-2.75	0.832	0.030	8.63	1.79	0.266	1.78	0.73	0.46	0.55	0.280		
DJ 83	4/24/2006</																											