

Water Quality Data Analysis 2007 Water Year

Station ID 4929000 Kamas Fish Hatchery effluent

Time Period 10/1/2006 9/30/2007

	Flow	Phosphorus as P		Solids		Temperature	Volume (ac-ft)	DTP Mass Loading	TP Mass Loading	Total TDS Loading	Total TSS Loading
		Dissolved	Total	Dissolved	Total Suspended (TSS)	water					
10/11/2006	3.56	0.025	0	258	0	11.86	14	0	0	4487	0
10/16/2006	3.12		0		0	11.3	31	0	0	4907	0
11/7/2006	2.93		0.108		0	11.7	128	0	8	0	0
11/16/2006	2.99	0.034	0.053	246	0	10.41	53	1	5	8061	0
1/9/2007	4.32		0.06		0	9.9	463	10	32	70024	0
1/18/2007	4.32	0.025	0.07	232	0	8.27	77	1	6	11000	0
2/6/2007	4.48					9.9	169	3	7	24074	0
3/6/2007	4.06		0.077		0	9.9	226	0	11	0	0
3/14/2007	4.41	0.058	0.076	240	0	11.22	70	2	7	10330	0
4/3/2007	5.37		0.078		0	9.8	213	8	20	31406	0
5/1/2007	6.19		0.111		0	9.6	344	0	40	0	0
5/16/2007	5.96	0.03	0.05	186	0	14.95	177	3	18	20271	0
7/2/2007	4.59		0.054		0	10.6	428	8	27	48908	0
8/7/2007	2.74		0.042		0	10.8	196	0	12	0	0
8/8/2007	2.87	0.033	0.056	252	0	18.71	6	0	0	883	0
9/4/2007	2.77		0.077		0	12.3	149	3	12	23017	0
Grand Total							1,443	26	97	164,289	0

Avg Flow	4	CFS
Avg TP	0.07	mg/l
Max TP	0.14	mg/l
Min TP	0.00	mg/l
Avg DTP	0.03	mg/l
Max DTP	0.06	mg/l
Min DTP	0.03	mg/l
Avg TDS	236	mg/l
Max TDS	258	mg/l
Min TDS	186	mg/l
Avg TSS	0.0	mg/l
Max TSS	5.2	mg/l
Min TSS	0.0	mg/l
Avg Temp	11.3	degree C
Max Temp	18.7	degree C
Min Temp	8.3	degree C

Water Quality Data Analysis 2007 Water Year

Station ID **4996780** Provo River at Murdock Diversion
Time Period 10/1/2006 9/30/2007

	Flow	Phosphorus as P		Solids		Temperature water	Volume (ac- ft)	DTP Mass Loading	TP Mass Loading	Total TDS Loading	Total TSS Loading
		Dissolved	Total	Dissolved	Total Suspended (TSS)						
10/11/2006	22.6	0	0	222	0	11.56	448	0	0	122374	0
11/30/2006	25	0	0	200	0	2.57	2479	0	0	643310	0
1/10/2007	52	0	0	178	32	4.57	4228	0	0	982826	83202
3/20/2007	49	0	0	208	0	9.34	6705	0	0	1591587	131945
4/25/2007	12	0	0	240	6	10.33	857	0	0	236026	3161
5/31/2007	25	0	0	222	0	10.39	1785	0	0	507087	6586
6/28/2007	27	0	0	238	7.2	14.75	1499	0	0	424109	6638
7/26/2007	12	0.027	0.03	250	4.8	18.38	666	11	12	199966	4917
8/28/2007	18	0	0.023	240	6.8	19.44	1178	20	38	354961	8403
9/25/2007	12	0	0	200	8	13.49	666	0	9	180298	6065
Grand Total							20,510	31	60	5,242,543	250,917

Avg Flow	25	CFS
Avg TP	0.01	mg/l
Max TP	0.03	mg/l
Min TP	0.00	mg/l
Avg DTP	0.00	mg/l
Max DTP	0.03	mg/l
Min DTP	0.00	mg/l
Avg TDS	220	mg/l
Max TDS	250	mg/l
Min TDS	178	mg/l
Avg TSS	6.5	mg/l
Max TSS	32.0	mg/l
Min TSS	0.0	mg/l
Avg Temp	11.5	degree C
Max Temp	19.4	degree C
Min Temp	2.6	degree C

Water Quality Data Analysis 2007 Water Year

Station ID **4996810** Provo River at Olmsted Diversion
Time Period 10/1/2006 9/30/2007

	Flow	Phosphorus as P		Solids		Temperature water	Volume (ac- ft)	DTP Mass Loading	TP Mass Loading	Total TDS Loading	Total TSS Loading
		Dissolved	Total	Dissolved	Total Suspended (TSS)						
10/11/2006	76	0	0.02	236	4.4	12.36	1507	0	37	437475	8156
11/30/2006	22.9	0	0	222	0	3.18	2271	0	28	639542	6144
1/10/2007	58	0	0	198	0	3.68	4716	0	0	1218033	0
3/20/2007	23	0	0	236	0	6.72	3147	0	0	839971	0
4/25/2007	205	0	0	234	0	10.05	14635	0	0	4230114	0
5/31/2007	280	0	0	232	0	10	19989	0	0	5728544	0
6/28/2007	271	0	0	232	5.2	13.63	15047	0	0	4293813	48120
7/26/2007	267	0.026	0.028	252	5.2	18.35	14825	237	255	4412782	94820
8/28/2007	169	0	0.022	236	7.2	19.28	11059	177	340	3319084	84337
9/25/2007	89	0	0	228	8	14.94	4942	0	67	1410145	46194
Grand Total							92,136	414	727	26,529,504	287,773

Avg Flow	146	CFS
Avg TP	0.01	mg/l
Max TP	0.03	mg/l
Min TP	0.00	mg/l
Avg DTP	0.00	mg/l
Max DTP	0.03	mg/l
Min DTP	0.00	mg/l
Avg TDS	231	mg/l
Max TDS	252	mg/l
Min TDS	198	mg/l
Avg TSS	3.0	mg/l
Max TSS	8.0	mg/l
Min TSS	0.0	mg/l
Avg Temp	11.2	degree C
Max Temp	19.3	degree C
Min Temp	3.2	degree C

Water Quality Data Analysis 2007 Water Year

Station ID 4996830 Lower South Fork Provo R at Vivian Park
 Time Period 10/1/2006 9/30/2007

	Flow	Phosphorus as P		Solids		Temperature water	Volume (ac- ft)	DTP Mass Loading	TP Mass Loading	Total TDS Loading	Total TSS Loading
		Dissolved	Total	Dissolved	Total Suspended (TSS)						
10/11/2006	11.5	0	0	180	0	9.14	228	0	0	50489	0
11/30/2006	16	0	0	168	0	2.27	1586	0	0	339521	0
1/10/2007	12	0	0	128	9.2	5.59	976	0	0	177605	5520
3/20/2007	13	0	0	162	6.4	9.88	1779	0	0	317240	17065
4/25/2007	14	0	0	178	0	11.93	999	0	0	208981	3934
5/31/2007	15	0	0	172	0	9.74	1071	0	0	230494	0
6/28/2007	13	0	0			13.98	722	0	0	76353	0
7/26/2007	19	0	0	178	4	13.64	1055	0	0	115486	2595
8/28/2007	12.5	0	0	194	0	14.04	818	0	0	187139	2012
9/25/2007	10	0	0	180	4	9.36	555	0	0	127711	1366
Grand Total							9,789	0	0	1,831,020	32,493

Avg Flow	14	CFS
Avg TP	0.00	mg/l
Max TP	0.00	mg/l
Min TP	0.00	mg/l
Avg DTP	0.00	mg/l
Max DTP	0.00	mg/l
Min DTP	0.00	mg/l
Avg TDS	171	mg/l
Max TDS	194	mg/l
Min TDS	128	mg/l
Avg TSS	2.6	mg/l
Max TSS	9.2	mg/l
Min TSS	0.0	mg/l
Avg Temp	10.0	degree C
Max Temp	14.0	degree C
Min Temp	2.3	degree C

Water Quality Data Analysis 2007 Water Year

Station ID **4996850** Lower North Fork of Provo R at Wildwood
Time Period 10/1/2006 9/30/2007

	Flow	Phosphorus as P		Solids		Temperature	Volume (ac-ft)	DTP Mass Loading	TP Mass Loading	Total TDS Loading	Total TSS Loading
		Dissolved	Total	Dissolved	Total Suspended (TSS)	water					
10/11/2006	13	0	0	190	0	8.29	258	0	0	60246	0
11/30/2006	16	0	0	190	0	0.3	1586	0	0	370742	0
1/10/2007	9.5	0	0	162	28.8	4.01	772	0	0	167204	13680
3/20/2007	13	0	0	206	4.4	8.16	1779	0	0	402567	36319
4/25/2007	12	0	0	208	0	10.27	857	0	0	218113	2318
5/31/2007	30	0	0	150	0	8.77	2142	0	0	471525	0
6/28/2007	22	0	0	150	0	12.36	1222	0	0	225372	0
7/26/2007	19	0	0	166	0	14.04	1055	0	0	205020	0
8/28/2007	11.5	0	0	186	0	13.86	753	0	0	162912	0
9/25/2007	10	0	0	172	0	8.5	555	0	0	122247	0
Grand Total							10,978	0	0	2,405,948	52,317

Avg Flow	16	CFS
Avg TP	0.00	mg/l
Max TP	0.00	mg/l
Min TP	0.00	mg/l
Avg DTP	0.00	mg/l
Max DTP	0.00	mg/l
Min DTP	0.00	mg/l
Avg TDS	178	mg/l
Max TDS	208	mg/l
Min TDS	150	mg/l
Avg TSS	3.3	mg/l
Max TSS	28.8	mg/l
Min TSS	0.0	mg/l
Avg Temp	8.9	degree C
Max Temp	14.0	degree C
Min Temp	0.3	degree C

Water Quality Data Analysis 2007 Water Year

Station ID 4996870 Little Deer Creek above cnfl with Provo River
 Time Period 10/1/2006 9/30/2007

	Flow	Phosphorus as P		Solids		Temperature water	Volume (ac- ft)	DTP Mass Loading	TP Mass Loading	Total TDS Loading	Total TSS Loading
		Dissolved	Total	Dissolved	Total Suspended (TSS)						
10/11/2006	17.5	0	0	298	0	9.89	347	0	0	127199	0
11/30/2006	20.7	0	0.021	304	8.4	0	2052	0	27	759862	10603
1/10/2007	12.7	0	0	252	23.6	4.82	1033	0	13	353069	20321
3/20/2007	19	0	0	258	16	10.35	2600	0	0	815400	63313
4/25/2007	18	0	0	278	0	12.64	1285	0	0	423582	12644
5/31/2007	49	0	0	274	9.2	9.95	3498	0	0	1187505	19792
6/28/2007	17.8	0	0	284	0	15.6	988	0	0	339164	5592
7/26/2007	19	0	0	296	5.6	16.2	1055	0	0	376303	3633
8/28/2007	16.9	0	0	320	4.8	16.72	1106	0	0	418966	7073
9/25/2007	15	0	0	296	4.4	10.45	833	0	0	315521	4712
Grand Total							14,797	0	40	5,116,571	147,684

Avg Flow	21	CFS
Avg TP	0.00	mg/l
Max TP	0.02	mg/l
Min TP	0.00	mg/l
Avg DTP	0.00	mg/l
Max DTP	0.00	mg/l
Min DTP	0.00	mg/l
Avg TDS	286	mg/l
Max TDS	320	mg/l
Min TDS	252	mg/l
Avg TSS	7.2	mg/l
Max TSS	23.6	mg/l
Min TSS	0.0	mg/l
Avg Temp	10.7	degree C
Max Temp	16.7	degree C
Min Temp	0.0	degree C

Water Quality Data Analysis 2007 Water Year

Station ID 4997250 Spring Creek at entrance to Provo River E of WWTP
Time Period 10/1/2006 9/30/2007

	Flow	Phosphorus as P		Solids		Temperature water	Volume (ac- ft)	DTP Mass Loading	TP Mass Loading	Total TDS Loading	Total TSS Loading
		Dissolved	Total	Dissolved	Total Suspended (TSS)						
10/11/2006	25	0.053	0.092	260	42	9.39	496	32	56	158541	25610
11/30/2006	14.4	0.036	0.107	230	22.8	0	1428	78	175	430255	56899
1/10/2007	14.6	0.027	0.092	192	0	0.07	1187	46	145	308068	16644
3/20/2007	13	0.024	0.039	204	8.8	7.79	1779	56	143	433197	9627
4/25/2007		0.029	0.058	196	41.2	11.17	0	0	0	0	0
5/30/2007	56	0.031	0.103	190	96	13.47	3887	143	385	922659	327950
6/28/2007	35.2	0.045	0.047	198	7.6	14.51	2024	95	187	483026	128973
7/26/2007	27	0.061	0.079	248	12.4	16.21	1499	98	116	411201	18440
8/28/2007	19.7	0.06	0.092	262	14	16.51	1289	96	136	404341	20931
9/25/2007	28	0.042	0.091	252	41.6	9.24	1555	98	175	491447	53160
Grand Total							15,143	741	1,518	4,042,736	658,234

Avg Flow	26	CFS
Avg TP	0.08	mg/l
Max TP	0.11	mg/l
Min TP	0.04	mg/l
Avg DTP	0.04	mg/l
Max DTP	0.06	mg/l
Min DTP	0.02	mg/l
Avg TDS	223	mg/l
Max TDS	262	mg/l
Min TDS	190	mg/l
Avg TSS	28.6	mg/l
Max TSS	96.0	mg/l
Min TSS	0.0	mg/l
Avg Temp	9.8	degree C
Max Temp	16.5	degree C
Min Temp	0.0	degree C

Water Quality Data Analysis 2007 Water Year

Station ID 4997300 Provo River at River Road Bridge
Time Period 10/1/2006 9/30/2007

	Flow	Phosphorus as P		Solids		Temperature water	Volume (ac- ft)	DTP Mass Loading	TP Mass Loading	Total TDS Loading	Total TSS Loading
		Dissolved	Total	Dissolved	Total Suspended (TSS)						
10/11/2006	235	0	0	130	0	11.21	4660	0	0	745142	0
11/30/2006	215	0	0	110	0	3.95	21317	0	0	3146426	0
1/10/2007	211	0	0	80	27.6	2.91	17155	0	0	2004554	291188
3/20/2007	178	0	0	122	0	5.28	24355	0	0	3025647	413405
4/25/2007	130	0	0	122	0	8.05	9280	0	0	1392623	0
5/30/2007	381	0	0	120	8.4	8.95	26443	0	0	3935557	136606
6/28/2007	130	0	0	76	0	12.74	7476	0	0	901146	38621
7/26/2007	133	0	0	118	0	12.37	7385	0	0	881068	0
8/28/2007	544	0	0	132	0	11.49	35599	0	0	5473318	0
9/25/2007	286	0	0	132	0	9.55	15880	0	0	2578255	0
Grand Total							169,550	0	0	24,083,736	879,820

Avg Flow	244	CFS
Avg TP	0.00	mg/l
Max TP	0.00	mg/l
Min TP	0.00	mg/l
Avg DTP	0.00	mg/l
Max DTP	0.00	mg/l
Min DTP	0.00	mg/l
Avg TDS	114	mg/l
Max TDS	132	mg/l
Min TDS	76	mg/l
Avg TSS	3.6	mg/l
Max TSS	27.6	mg/l
Min TSS	0.0	mg/l
Avg Temp	8.7	degree C
Max Temp	12.7	degree C
Min Temp	2.9	degree C

Water Quality Data Analysis 2007 Water Year

Station ID 4997330 Provo River bl Jordanelle Dam
Time Period 10/1/2006 9/30/2007

	Flow	Phosphorus as P		Solids		Temperature water	Volume (ac- ft)	DTP Mass Loading	TP Mass Loading	Total TDS Loading	Total TSS Loading
		Dissolved	Total	Dissolved	Total Suspended (TSS)						
10/11/2006	238	0	0	120	0	11.13	4720	0	0	696604	0
11/30/2006	236.9	0	0	104	0	5.23	23489	0	0	3235794	0
1/10/2007	233	0	0	82	0	3.17	18944	0	0	2166958	0
3/20/2007	182	0	0	116	0	4.15	24903	0	0	3032379	0
4/25/2007	198	0	0	122	0	6.12	14135	0	0	2068914	0
5/30/2007	503	0	0	110	0	6.65	34911	0	0	4981061	0
6/28/2007	267	0	0	90	0	10.12	15354	0	0	1888587	0
7/26/2007	235	0	0	112	0	10.61	13048	0	0	1620970	0
8/28/2007	639	0	0	134	0	10.2	41816	0	0	6326270	0
9/25/2007	323	0	0.012	132	4.8	9.16	17934	0	132	2933864	52942
Grand Total							209,252	0	132	28,951,403	52,942

Avg Flow	305	CFS
Avg TP	0.00	mg/l
Max TP	0.01	mg/l
Min TP	0.00	mg/l
Avg DTP	0.00	mg/l
Max DTP	0.00	mg/l
Min DTP	0.00	mg/l
Avg TDS	112	mg/l
Max TDS	134	mg/l
Min TDS	82	mg/l
Avg TSS	0.5	mg/l
Max TSS	4.8	mg/l
Min TSS	0.0	mg/l
Avg Temp	7.7	degree C
Max Temp	11.1	degree C
Min Temp	3.2	degree C

Water Quality Data Analysis 2007 Water Year

Station ID 4997675 Big Dutch Pete Hollow
Time Period 10/1/2006 9/30/2007

	Flow	Phosphorus as P		Solids		Temperature water	Volume (ac- ft)	DTP Mass Loading	TP Mass Loading	Total TDS Loading	Total TSS Loading
		Dissolved	Total	Dissolved	Total Suspended (TSS)						
10/11/2006	4	0	0	736	0	14.32	79	0	0	71807	0
3/20/2007	4	0	0	780	6.4	11.79	1269	0	0	1183251	4995
4/25/2007	4	0	0	806	0	13.77	286	0	0	278525	1124
5/30/2007	5	0	0	810	0	15.2	347	0	0	344887	0
6/28/2007	2	0	0	820	0	15.91	115	0	0	115296	0
7/26/2007	3	0	0	898	0	17.17	167	0	0	175995	0
8/28/2007	2	0	0	906	0	17.6	131	0	0	145204	0
9/25/2007	5	0	0	792	0	10.73	278	0	0	289910	0
Grand Total							2,671	0	0	2,604,875	6,119

Avg Flow	4	CFS
Avg TP	0.00	mg/l
Max TP	0.00	mg/l
Min TP	0.00	mg/l
Avg DTP	0.00	mg/l
Max DTP	0.00	mg/l
Min DTP	0.00	mg/l
Avg TDS	819	mg/l
Max TDS	906	mg/l
Min TDS	736	mg/l
Avg TSS	0.0	mg/l
Max TSS	6.4	mg/l
Min TSS	0.0	mg/l
Avg Temp	14.6	degree C
Max Temp	17.6	degree C
Min Temp	10.7	degree C

Water Quality Data Analysis 2007 Water Year

Station ID **4998030** JSSD 001
Time Period 10/1/2006 9/30/2007

	Flow	Phosphorus as P		Solids		Temperature water	Volume (ac- ft)	DTP Mass Loading	TP Mass Loading	Total TDS Loading	Total TSS Loading
		Dissolved	Total	Dissolved	Total Suspended (TSS)						
10/3/2006	17.17423804	0	0	408	0	9.57	68	0	0	34182	0
11/7/2006	13.70448495	0	0	382	0	9.77	951	0	0	462121	0
1/17/2007	111.7099087	0	0	418	0	7.8	15728	0	0	7738163	0
2/20/2007	15.56264467	0	0	428	0	8.91	1049	0	0	545922	0
4/10/2007	15.85005787	0	0	404	0	8.96	1540	0	0	788040	0
6/5/2007	16.31125579	0	0	430	0	11.07	1811	0	0	929050	0
7/25/2007	17.07100694	0	0	470	0	12.6	1693	0	0	936849	0
Grand Total							22,841	0	0	11,434,326	0

Avg Flow	30	CFS
Avg TP	0.00	mg/l
Max TP	0.00	mg/l
Min TP	0.00	mg/l
Avg DTP	0.00	mg/l
Max DTP	0.00	mg/l
Min DTP	0.00	mg/l
Avg TDS	420	mg/l
Max TDS	470	mg/l
Min TDS	382	mg/l
Avg TSS	0.0	mg/l
Max TSS	0.0	mg/l
Min TSS	0.0	mg/l
Avg Temp	9.8	degree C
Max Temp	12.6	degree C
Min Temp	7.8	degree C

Water Quality Data Analysis 2007 Water Year

Station ID 4998130 Provo River ab Hailstone Junction
 Time Period 10/1/2006 9/30/2007

	Flow	Phosphorus as P		Solids		Temperature water	Volume (ac- ft)	DTP Mass Loading	TP Mass Loading	Total TDS Loading	Total TSS Loading
		Dissolved	Total	Dissolved	Total Suspended (TSS)						
10/11/2006	145	0	0			5.73	2875	0	0	0	0
11/30/2006	113.5	0		132	0	0	11254	0	0	913561	0
1/10/2007	116	0	0	100	4.8	0.14	9431	0	0	1345636	27841
3/20/2007	275	0	0	96	20.4	4.2	37627	0	0	4535610	583150
4/25/2007	315	0	0	102	8	6.7	22487	0	0	2738269	392762
5/30/2007	595	0	0	62	5.6	8.35	41296	0	0	4165112	345400
6/28/2007	56.5	0	0	120	0	14.62	3249	0	0	363677	11190
7/26/2007	40	0	0.02	154	4.8	15.89	2221	0	27	374254	6556
8/28/2007	45	0	0			16.08	2945	0	36	278898	8693
9/25/2007	77.5	0	0	138	5.2	6.47	4303	0	0	365205	13761
Grand Total							137,689	0	64	15,080,222	1,389,352

Avg Flow	178	CFS
Avg TP	0.00	mg/l
Max TP	0.02	mg/l
Min TP	0.00	mg/l
Avg DTP	0.00	mg/l
Max DTP	0.00	mg/l
Min DTP	0.00	mg/l
Avg TDS	113	mg/l
Max TDS	154	mg/l
Min TDS	62	mg/l
Avg TSS	6.1	mg/l
Max TSS	20.4	mg/l
Min TSS	0.0	mg/l
Avg Temp	7.8	degree C
Max Temp	16.1	degree C
Min Temp	0.0	degree C

Water Quality Data Analysis 2007 Water Year

Station ID 4998140 Weber Provo Canal Diversion at US189
 Time Period 10/1/2006 9/30/2007

	Flow	Phosphorus as P		Solids		Temperature water	Volume (ac- ft)	DTP Mass Loading	TP Mass Loading	Total TDS Loading	Total TSS Loading
		Dissolved	Total	Dissolved	Total Suspended (TSS)						
10/11/2006	0						0	0	0	0	0
1/10/2007	0						0	0	0	0	0
3/20/2007	44	0	0	148	0	7.02	6020	0	0	547976	0
4/25/2007	112	0	0	144	0	6.72	7995	0	0	1435824	0
5/30/2007	244	0	0	84	6.4	7.56	16935	0	0	2374600	66655
Grand Total							30,951	0	0	4,358,400	66,655

Avg Flow	80	CFS
Avg TP	0.00	mg/l
Max TP	0.00	mg/l
Min TP	0.00	mg/l
Avg DTP	0.00	mg/l
Max DTP	0.00	mg/l
Min DTP	0.00	mg/l
Avg TDS	125	mg/l
Max TDS	148	mg/l
Min TDS	84	mg/l
Avg TSS	#REF!	mg/l
Max TSS	6.4	mg/l
Min TSS	0.0	mg/l
Avg Temp	7.1	degree C
Max Temp	7.6	degree C
Min Temp	6.7	degree C

Water Quality Data Analysis 2007 Water Year

Station ID 4998400 Provo River above Woodland at USGS gage
 Time Period 10/1/2006 9/30/2007

	Flow	Phosphorus as P		Solids		Temperature water	Volume (ac- ft)	DTP Mass Loading	TP Mass Loading	Total TDS Loading	Total TSS Loading
		Dissolved	Total	Dissolved	Total Suspended (TSS)						
10/11/2006	158	0	0	100	0	4.94	3133	0	0	385376	0
11/30/2006	55	0	0	132	0	0.96	5453	0	0	778070	0
1/10/2007	66	0	0	86	4.8	1.76	5366	0	0	719419	15840
3/20/2007	194	0	0	76	6	2.05	26544	0	0	2644622	176308
4/25/2007	377	0	0	78	0	4.13	26913	0	0	2548956	99310
5/30/2007	446	0	0	52	4.4	5.66	30955	0	0	2474823	83763
6/28/2007	70	0	0	122	0	12.07	4025	0	0	430768	10893
7/26/2007	61	0.02	0.022	128	6.4	13.89	3387	42	46	520746	13331
8/28/2007	44	0	0	182	0	13.39	2879	35	39	548942	11333
9/25/2007	60	0	0	124	0	5.95	3331	0	0	626944	0
Grand Total							111,988	77	85	11,678,665	410,779

Avg Flow	153	CFS
Avg TP	0.00	mg/l
Max TP	0.02	mg/l
Min TP	0.00	mg/l
Avg DTP	0.00	mg/l
Max DTP	0.02	mg/l
Min DTP	0.00	mg/l
Avg TDS	108	mg/l
Max TDS	182	mg/l
Min TDS	52	mg/l
Avg TSS	2.2	mg/l
Max TSS	6.4	mg/l
Min TSS	0.0	mg/l
Avg Temp	6.5	degree C
Max Temp	13.9	degree C
Min Temp	1.0	degree C

Water Quality Data Analysis 2007 Water Year

Station ID 5910020 Lower Charleston Canal ab Daniels Ck
 Time Period 10/1/2006 9/30/2007

	Flow	Phosphorus as P		Solids		Temperature water	Volume (ac- ft)	DTP Mass Loading	TP Mass Loading	Total TDS Loading	Total TSS Loading
		Dissolved	Total	Dissolved	Total Suspended (TSS)						
10/11/2006	2	0.037	0.076	264	0	10.65	40	2	4	12878	0
11/30/2006	2.5	0.034	0.043	254	0	0.02	248	11	18	78966	0
1/10/2007	3	0.02	0.045	222	61.6	2.96	244	8	13	71402	9240
4/25/2007	1.5	0.028	0.031	250	0	14.41	312	9	15	90661	11832
7/26/2007	1.5	0.021	0.026	252	0	17.56	274	8	10	84485	0
8/28/2007	2	0.024	0.029	268	0	18.1	131	4	4	41855	0
Grand Total							1,248	42	64	380,247	21,072

Avg Flow	2	CFS
Avg TP	0.04	mg/l
Max TP	0.08	mg/l
Min TP	0.03	mg/l
Avg DTP	0.03	mg/l
Max DTP	0.04	mg/l
Min DTP	0.02	mg/l
Avg TDS	252	mg/l
Max TDS	268	mg/l
Min TDS	222	mg/l
Avg TSS	#REF!	mg/l
Max TSS	61.6	mg/l
Min TSS	0.0	mg/l
Avg Temp	10.6	degree C
Max Temp	18.1	degree C
Min Temp	0.0	degree C

Water Quality Data Analysis 2007 Water Year

Station ID 5910160 Snake Creek above Deer Creek Res.
Time Period 10/1/2006 9/30/2007

	Flow	Phosphorus as P		Solids		Temperature water	Volume (ac- ft)	DTP Mass Loading	TP Mass Loading	Total TDS Loading	Total TSS Loading
		Dissolved	Total	Dissolved	Total Suspended (TSS)						
10/11/2006	50	0	0.05	614	62.4	12.58	992	0	61	748801	76100
11/30/2006	21.2	0	0	594	6.8	5.96	2102	0	65	1561603	89456
1/10/2007	28	0	0.033	532	0	7.72	2276	0	46	1576442	9520
3/20/2007	29	0.0088	0	564	10.8	12.46	3968	21	81	2674579	26355
4/25/2007	50	0	0	638	0	15.99	3569	19	0	2638608	23708
5/30/2007	49	0	0	644	4	17.04	3401	0	0	2681328	8366
6/28/2007	58	0	0	578	6.4	16.6	3335	0	0	2506658	21333
7/26/2007	27	0	0	562	8	17.29	1499	0	0	1051053	13276
8/28/2007	34.8	0	0	612	4.8	16.45	2277	0	0	1644217	17927
9/25/2007	25	0	0	700	15.6	13.78	1388	0	0	1120030	17415
Grand Total							24,808	41	252	18,203,318	303,457

Avg Flow	37	CFS
Avg TP	0.01	mg/l
Max TP	0.05	mg/l
Min TP	0.00	mg/l
Avg DTP	0.00	mg/l
Max DTP	0.01	mg/l
Min DTP	0.00	mg/l
Avg TDS	604	mg/l
Max TDS	700	mg/l
Min TDS	532	mg/l
Avg TSS	11.9	mg/l
Max TSS	62.4	mg/l
Min TSS	0.0	mg/l
Avg Temp	13.6	degree C
Max Temp	17.3	degree C
Min Temp	6.0	degree C

Water Quality Data Analysis 2007 Water Year

Station ID 5910250 Provo River at Heber - Midway Bridge
 Time Period 10/1/2006 9/30/2007

	Flow	Phosphorus as P		Solids		Temperature water	Volume (ac- ft)	DTP Mass Loading	TP Mass Loading	Total TDS Loading	Total TSS Loading
		Dissolved	Total	Dissolved	Total Suspended (TSS)						
10/11/2006	215	0	0	120	4.8	10.31	4263	0	0	629285	25171
11/30/2006	198.5	0	0	130	0	1.9	19681	0	0	3025996	58099
1/10/2007	174	0	0	100	34.4	2.33	14147	0	0	2001054	299288
3/20/2007	183	0	0	138	0	5.47	25039	0	0	3665008	529732
4/25/2007	160	0	0	144	0	8.68	11422	0	0	1980931	0
5/30/2007	400	0	0	126	25.3	10.8	27762	0	0	4609880	431963
6/28/2007	137	0	0	114	0	13.62	7878	0	0	1162861	122585
7/26/2007	159	0	0	134	0	14.42	8828	0	0	1346495	0
8/28/2007	547	0	0	136	0	12.8	35795	0	0	5943782	0
9/25/2007	290	0	0	148	0	9.41	16102	0	0	2812368	0
Grand Total							170,919	0	0	27,177,660	1,466,839

Avg Flow	246	CFS
Avg TP	0.00	mg/l
Max TP	0.00	mg/l
Min TP	0.00	mg/l
Avg DTP	0.00	mg/l
Max DTP	0.00	mg/l
Min DTP	0.00	mg/l
Avg TDS	129	mg/l
Max TDS	148	mg/l
Min TDS	100	mg/l
Avg TSS	6.5	mg/l
Max TSS	34.4	mg/l
Min TSS	0.0	mg/l
Avg Temp	9.0	degree C
Max Temp	14.4	degree C
Min Temp	1.9	degree C

Water Quality Data Analysis 2007 Water Year

Station ID 5910273 Sagebrush-Spring ck cnl at 1200 North, Heber
 Time Period 10/1/2006 9/30/2007

	Flow	Phosphorus as P		Solids		Temperature water	Volume (ac- ft)	DTP Mass Loading	TP Mass Loading	Total TDS Loading	Total TSS Loading
		Dissolved	Total	Dissolved	Total Suspended (TSS)						
10/11/2006	18	0.103	0.146	280	28.4	9.7	357	45	64	122930	12469
11/30/2006	8	0.082	0.149	240	26.8	2.73	793	90	144	253665	26928
1/10/2007	9	0.051	0.125	208	64.4	2.82	732	60	123	201605	41041
3/20/2007	8	0.079	0.123	232	36	8.11	1095	88	167	296203	67588
4/25/2007	9	0.072	0.075	212	26	11.63	642	60	78	175439	24498
5/30/2007	25	0	0	140	26	13.6	1735	77	80	375620	55489
7/26/2007	15	0.087	0.116	278	21.6	15.69	1695	91	121	435853	49633
8/28/2007	15	0.095	0.151	286	28	14.79	982	110	161	340473	29942
9/25/2007	20	0.087	0.157	280	41.2	9.08	1110	124	210	386547	47260
Grand Total							9,142	744	1,149	2,588,335	354,848

Avg Flow	14	CFS
Avg TP	0.12	mg/l
Max TP	0.16	mg/l
Min TP	0.00	mg/l
Avg DTP	0.07	mg/l
Max DTP	0.10	mg/l
Min DTP	0.00	mg/l
Avg TDS	240	mg/l
Max TDS	286	mg/l
Min TDS	140	mg/l
Avg TSS	0.0	mg/l
Max TSS	64.4	mg/l
Min TSS	21.6	mg/l
Avg Temp	9.8	degree C
Max Temp	15.7	degree C
Min Temp	2.7	degree C

Water Quality Data Analysis 2007 Water Year

Station ID 5910295 **Rock Creek at 1200 North, Heber**
 Time Period 10/1/2006 9/30/2007

	Flow	Phosphorus as P		Solids		Temperature water	Volume (ac- ft)	DTP Mass Loading	TP Mass Loading	Total TDS Loading	Total TSS Loading
		Dissolved	Total	Dissolved	Total Suspended (TSS)						
10/11/2006	0	0	0.02	134	14	6.54	0	0	0	0	0
3/20/2007	3	0	0.054	132	42.4	9.24	952	0	12	78441	8195
4/25/2007	3.5	0	0.039	132	42.7	12.51	250	0	11	40874	8667
5/30/2007	10	0.03	0.037	136	25.6	15.58	694	13	40	112686	36324
8/28/2007	1.5	0.02					268	8	13	44123	11245
Grand Total							2,163	21	75	276,125	64,431

Avg Flow	4	CFS
Avg TP	0.04	mg/l
Max TP	0.05	mg/l
Min TP	0.02	mg/l
Avg DTP	0.01	mg/l
Max DTP	0.03	mg/l
Min DTP	0.00	mg/l
Avg TDS	134	mg/l
Max TDS	136	mg/l
Min TDS	132	mg/l
Avg TSS	31.2	mg/l
Max TSS	42.7	mg/l
Min TSS	14.0	mg/l
Avg Temp	11.0	degree C
Max Temp	15.6	degree C
Min Temp	6.5	degree C

Water Quality Data Analysis 2007 Water Year

Station ID | 5911120 | Northwestward Flow to Provo R. (Flood Control)
 Time Period | 10/1/2006 | 9/30/2007

	Flow	Phosphorus as P		Solids		Temperature water	Volume (ac- ft)	DTP Mass Loading	TP Mass Loading	Total TDS Loading	Total TSS Loading
		Dissolved	Total	Dissolved	Total Suspended (TSS)						
10/11/2006	12	0	0.023	172	6	9.72	238	0	7	50343	1756
3/20/2007	6	0.023	0.042	188	20.4	11.78	1904	27	76	421475	30908
4/25/2007	12	0.025	0.052	166	16	15.43	857	25	50	186503	19177
5/30/2007	5	0.022	0.037	148	21.2	18.46	347	10	19	67014	7939
Grand Total							3,345	62	151	725,334	59,781

Avg Flow	9	CFS
Avg TP	0.04	mg/l
Max TP	0.05	mg/l
Min TP	0.02	mg/l
Avg DTP	0.02	mg/l
Max DTP	0.03	mg/l
Min DTP	0.00	mg/l
Avg TDS	169	mg/l
Max TDS	188	mg/l
Min TDS	148	mg/l
Avg TSS	15.9	mg/l
Max TSS	21.2	mg/l
Min TSS	6.0	mg/l
Avg Temp	13.8	degree C
Max Temp	18.5	degree C
Min Temp	9.7	degree C

Water Quality Data Analysis 2007 Water Year

Station ID 5913210 Provo River below Deer Creek Res.
Time Period 10/1/2006 9/30/2007

	Flow	Phosphorus as P		Solids		Temperature water	Volume (ac- ft)	DTP Mass Loading	TP Mass Loading	Total TDS Loading	Total TSS Loading
		Dissolved	Total	Dissolved	Total Suspended (TSS)						
10/11/2006	161	0	0.025	238	9.2	14.12	3193	0	98	934611	36128
11/30/2006	105.2	0	0	216	0	6.9	10431	0	160	2912322	59016
1/10/2007	194	0	0	198	0	3.29	15773	0	0	4015908	0
3/20/2007	233	0.024	0.024	238	0	4.76	31881	471	471	8548488	0
4/25/2007	255	0	0	240	0	6.47	18204	269	269	5351412	0
5/31/2007	548	0	0	234	0	8.1	39121	0	0	11404053	0
6/28/2007	608	0	0	230	7.2	11.9	33759	0	0	9633352	149483
7/26/2007	551	0.026	0.031	256	4.8	17.18	30594	489	583	9144158	225782
8/28/2007	431	0	0.025	234	11.6	17.94	28204	451	971	8499338	284468
9/25/2007	230	0	0	214	13.2	15.07	12771	0	196	3518534	194776
Grand Total							223,928	1,679	2,749	63,962,177	949,652

Avg Flow	332	CFS
Avg TP	0.01	mg/l
Max TP	0.03	mg/l
Min TP	0.00	mg/l
Avg DTP	0.01	mg/l
Max DTP	0.03	mg/l
Min DTP	0.00	mg/l
Avg TDS	230	mg/l
Max TDS	256	mg/l
Min TDS	198	mg/l
Avg TSS	4.6	mg/l
Max TSS	13.2	mg/l
Min TSS	0.0	mg/l
Avg Temp	10.6	degree C
Max Temp	17.9	degree C
Min Temp	3.3	degree C

Water Quality Data Analysis 2007 Water Year

Station ID 5913460 Main Creek at bridge on US189 above Res.
Time Period 10/1/2006 9/30/2007

	Flow	Phosphorus as P		Solids		Temperature water	Volume (ac- ft)	DTP Mass Loading	TP Mass Loading	Total TDS Loading	Total TSS Loading
		Dissolved	Total	Dissolved	Total Suspended (TSS)						
10/11/2006	12	0.026	0.036	360	10	11.94	48	2	2	21074	585
11/30/2006	8	0.021	0.078	322	60.4	0	793	23	56	332692	34342
1/10/2007	8	0	0.05	264	0	1.99	650	8	51	234406	24161
3/20/2007	24	0	0.037	260	72	10.06	3284	0	176	1058253	145409
4/25/2007	12	0.03	0.034	304	8	16.83	857	16	37	297140	42147
5/30/2007	6	0.029	0.051	290	39.2	18.88	416	15	22	152126	12088
6/28/2007	10	0.042	0.044	286	5.2	21.37	575	25	34	203713	15703
7/26/2007	5	0.058	0.074	320	8.8	22.86	278	17	20	103466	2390
8/28/2007	4	0.036	0.067	312	33.2	23.26	262	15	23	101739	6761
9/25/2007	5	0.022	0.041	336	9.6	14.06	278	10	18	110637	7308
Grand Total							7,440	131	439	2,615,246	290,895

Avg Flow	9	CFS
Avg TP	0.05	mg/l
Max TP	0.08	mg/l
Min TP	0.03	mg/l
Avg DTP	0.03	mg/l
Max DTP	0.06	mg/l
Min DTP	0.00	mg/l
Avg TDS	305	mg/l
Max TDS	360	mg/l
Min TDS	260	mg/l
Avg TSS	24.6	mg/l
Max TSS	72.0	mg/l
Min TSS	0.0	mg/l
Avg Temp	14.1	degree C
Max Temp	23.3	degree C
Min Temp	0.0	degree C

Water Quality Data Analysis 2007 Water Year

Station ID 5913520 Daniels Creek 100 feet below cnfl w/ LCC
 Time Period 10/1/2006 9/30/2007

	Flow	Phosphorus as P		Solids		Temperature water	Volume (ac- ft)	DTP Mass Loading	TP Mass Loading	Total TDS Loading	Total TSS Loading
		Dissolved	Total	Dissolved	Total Suspended (TSS)						
3/20/2007	3	0.03	0.055	244	14	10.62	59	2	4	17854	1024
5/30/2007	1.4	0	0.02	210	0	15.6	197	4	9	55035	1697
6/28/2007	1.1	0.028	0.03	220	5.6	19.34	63	1	2	16728	218
9/25/2007	1.6	0	0.021	222	6.4	10.74	282	5	9	76759	2084
Grand Total							602	12	24	166,377	5,023

Avg Flow	2	CFS
Avg TP	0.03	mg/l
Max TP	0.06	mg/l
Min TP	0.02	mg/l
Avg DTP	0.01	mg/l
Max DTP	0.03	mg/l
Min DTP	0.00	mg/l
Avg TDS	224	mg/l
Max TDS	244	mg/l
Min TDS	210	mg/l
Avg TSS	6.5	mg/l
Max TSS	14.0	mg/l
Min TSS	0.0	mg/l
Avg Temp	14.1	degree C
Max Temp	19.3	degree C
Min Temp	10.6	degree C

Water Quality Data Analysis 2007 Water Year

Station ID 5913630 Provo River above Deer Creek Res. at McKellar Br.
Time Period 10/1/2006 9/30/2007

	Flow	Phosphorus as P		Solids		Temperature water	Volume (ac- ft)	DTP Mass Loading	TP Mass Loading	Total TDS Loading	Total TSS Loading
		Dissolved	Total	Dissolved	Total Suspended (TSS)						
10/11/2006	229	0	0.022	168	4.4	11.14	4541	0	123	938367	24576
11/30/2006	221	0	0	148	0	2.11	21912	0	296	4258407	59294
1/10/2007	232	0	0	118	12.4	2.75	18862	0	0	3085683	143844
3/20/2007	188	0	0	150	0	7.56	25723	0	0	4239743	196167
4/25/2007	176	0	0	162	6.4	10.96	12564	0	0	2410836	49453
5/30/2007	396	0	0.037	146	58	13.23	27484	0	625	5206091	1088546
6/28/2007	159	0	0.023	144	4	16.13	9144	0	337	1630763	348646
7/26/2007	161	0	0.024	160	7.2	16.73	8939	0	258	1671303	61574
8/28/2007	497	0	0	150	8	14.43	32523	0	480	6200545	304027
9/25/2007	314	0	0	152	5.6	11.02	17435	0	0	3238116	145822
Grand Total							179,128	0	2,121	32,879,855	2,421,951

Avg Flow	257	CFS
Avg TP	0.01	mg/l
Max TP	0.04	mg/l
Min TP	0.00	mg/l
Avg DTP	0.00	mg/l
Max DTP	0.00	mg/l
Min DTP	0.00	mg/l
Avg TDS	150	mg/l
Max TDS	168	mg/l
Min TDS	118	mg/l
Avg TSS	10.6	mg/l
Max TSS	58.0	mg/l
Min TSS	0.0	mg/l
Avg Temp	10.6	degree C
Max Temp	16.7	degree C
Min Temp	2.1	degree C