

Water Quality Data Analysis 2007 Water Year

Station ID **4996780** Provo River at Murdock Diversion
Time Period 10/1/2005 9/30/2006

	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 ((blank)						
10/26/2005	61.6	0	0	174	0	11.03	12460	0	0	2666601	0
11/29/2005	156	0	0	186	0	4.92	10518	0	0	2328648	0
1/25/2006	40	0	0	230	0	3.2	4521	0	0	1156714	0
3/29/2006	48	0	0	222	5.2	6.89	5997	0	0	1666933	19177
4/25/2006	222	0	0	228	8.8	9.53	11886	0	0	3289479	102339
5/31/2006	143	0	0.02	222	5.6	12.92	10208	0	126	2825198	90406
6/28/2006	19	0	0.023	220	4.8	14.1	1055	0	28	286769	6747
7/27/2006	13.1	0.029	0.034	200	0	15.57	753	13	26	194588	2224
9/12/2006	13.5	0.062	0.073	196	0	16.6	1258	70	83	306425	0
Grand Total						10.5	58,656	84	263	14,721,354	220,894

Avg Flow	80	CFS
Avg TP	0.02	mg/l
Max TP	0.07	mg/l
Min TP	0.00	mg/l
Avg DTP	0.01	mg/l
Max DTP	0.06	mg/l
Min DTP	0.00	mg/l
Avg TDS	209	mg/l
Max TDS	230	mg/l
Min TDS	174	mg/l
Avg TSS	0.0	mg/l
Max TSS	8.8	mg/l
Min TSS	0.0	mg/l
Avg Temp	10.5	degree C
Max Temp	16.6	degree C
Min Temp	3.2	degree C

Water Quality Data Analysis 2007 Water Year

Station ID **4996810** Provo River at Olmsted Diversion
Time Period 10/1/2005 9/30/2006

	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 ((blank)						
10/26/2005	65.4	0	0.0283	200	0	12.62	13228	0	460	3254136	0
11/29/2005	156	0	0	212	0	5.27	10518	0	183	2665008	0
1/25/2006	40	0	0	254	0	2.8	4521	0	0	1295742	0
3/29/2006	63	0	0.023	256	18	6.08	7871	0	111	2468591	87127
4/25/2006	222	0	0.021	232	8.4	8.76	11886	0	322	3567257	192983
5/31/2006	492	0	0.02	228	15.2	12.31	35123	0	886	9936267	509774
6/28/2006	222	0.023	0.024	216	0	13.14	12326	174	334	3365827	115227
7/27/2006	222	0.028	0.032	200	0	14.56	12767	400	440	3266195	0
9/12/2006	173.3	0.073	0.093	206	4	17	16152	1003	1242	4032926	39733
Grand Total						10.3	124,391	1,578	3,977	33,851,950	944,843

Avg Flow	184	CFS
Avg TP	0.03	mg/l
Max TP	0.09	mg/l
Min TP	0.00	mg/l
Avg DTP	0.01	mg/l
Max DTP	0.07	mg/l
Min DTP	0.00	mg/l
Avg TDS	223	mg/l
Max TDS	256	mg/l
Min TDS	200	mg/l
Avg TSS	0.0	mg/l
Max TSS	18.0	mg/l
Min TSS	0.0	mg/l
Avg Temp	10.3	degree C
Max Temp	17.0	degree C
Min Temp	2.8	degree C

Water Quality Data Analysis 2007 Water Year

Station ID 4996830 Lower South Fork Provo R at Vivian Park
 Time Period 10/1/2005 9/30/2006

	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 ((blank)						
10/26/2005	25	0	0	136	0	8.99	5057	0	0	845876	0
11/29/2005	20	0	0	142	0	4.76	1348	0	0	230543	0
1/25/2006	17	0	0	288	6.4	5	1922	0	0	508148	7563
3/29/2006	16	0	0	168	12.8	7.77	1999	0	0	560561	23603
4/25/2006	40	0	0	154	8.4	9.95	2142	0	0	424109	27923
5/31/2006	27	0	0	174	10.4	11.44	1927	0	0	388810	22285
6/28/2006	26	0	0	186	5.6	13.55	1444	0	0	319618	14205
7/27/2006	28	0	0	166	5.6	13.41	1610	0	0	348575	11091
9/12/2006	20	0	0	176	0	11.2	1864	0	0	392059	6420
Grand Total						9.6	19,312	0	0	4,018,301	113,090

Avg Flow	24	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	177	mg/l
Max TDS	288	mg/l
Min TDS	136	mg/l
Avg TSS	0.0	mg/l
Max TSS	12.8	mg/l
Min TSS	0.0	mg/l
Avg Temp	9.6	degree C
Max Temp	13.6	degree C
Min Temp	4.8	degree C

Water Quality Data Analysis 2007 Water Year

Station ID | 4996850 | Lower North Fork of Provo R at Wildwood
 Time Period | 10/1/2005 | 9/30/2006

	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 ((blank)						
10/26/2005	15	0	0	150	0	8.26	3034	0	0	559771	0
11/29/2005		0	0	154	0		0	0	0	0	0
1/25/2006	14	0	0	210	0	3.07	1075555	0	0	240773833	0
3/29/2006	25	0	0.055	330	58	5.55	3123	0	106	1037223	111405
4/25/2006	50	0	0.022	256	8	8.4	2677	0	127	964782	108661
5/31/2006	34	0	0	176	6.4	9.62	2427	0	33	644856	21495
6/28/2006	35	0	0	146	4.8	10.95	1943	0	0	384840	13386
7/27/2006	28	0	0	142	0	12.47	1610	0	0	285198	4753
9/12/2006	20	0	0	166	0	11.3	1864	0	0	353083	0
Grand Total						8.7	1,092,234	0	265	245,003,586	259,701

Avg Flow	28	CFS
Avg TP	0.01	mg/l
Max TP	0.06	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	192	mg/l
Max TDS	330	mg/l
Min TDS	142	mg/l
Avg TSS	0.0	mg/l
Max TSS	58.0	mg/l
Min TSS	0.0	mg/l
Avg Temp	8.7	degree C
Max Temp	12.5	degree C
Min Temp	3.1	degree C

Water Quality Data Analysis 2007 Water Year

Station ID 4996870 Little Deer Creek above cnfl with Provo River
 Time Period 10/1/2005 9/30/2006

	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 ((blank)						
10/26/2005	17.6	0	0	274	4.4	9.76	3560	0	0	1199751	19266
11/29/2005	16	0	0.024	276	0	3.15	1228476	0	18132	415532153	3324257
1/25/2006	14	0	0	298	6.4	3.54	-1072391	0	-15828	-378564583	-4220929
3/29/2006	29	0.027	0.057	236	76.7	7.39	3623	60	127	1189810	185156
4/25/2006	51	0.032	0.045	202	30.7	9.39	2731	99	171	735539	180358
5/31/2006	27	0	0.028	264	17.6	13.49	1927	38	87	552395	57255
6/28/2006	22	0	0	290	11.6	16.01	1222	0	21	416187	21936
7/27/2006	22	0	0	278	8	16.52	1265	0	0	441944	15250
9/12/2006	18.5	0	0	282	5.6	13.4	1724	0	0	593821	14421
Grand Total						9.6	172,138	197	2,710	42,097,017	-403,029

Avg Flow	23	CFS
Avg TP	0.02	mg/l
Max TP	0.06	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	267	mg/l
Max TDS	298	mg/l
Min TDS	202	mg/l
Avg TSS	0.0	mg/l
Max TSS	76.7	mg/l
Min TSS	0.0	mg/l
Avg Temp	9.6	degree C
Max Temp	16.5	degree C
Min Temp	3.0	degree C

Water Quality Data Analysis 2007 Water Year

Station ID 4997130 Midway Fish Hatchery comp below two outfalls
 Time Period 10/1/2005 9/30/2006

	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)						
1/11/2006	0						0	0	0	0	0
7/6/2006	15	0	0.026	744	4.4	14.43	1157199	0	18504	529488194	3131382
Grand Total						14.4	1,157,199	0	18,504	529,488,194	3,131,382

Avg Flow	8	CFS
Avg TP	0.03	mg/l
Max TP	0.03	mg/l
Min TP	0.03	mg/l
Avg DTP	0.00	mg/l
Max DTP	0.00	mg/l
Min DTP	0.00	mg/l
Avg TDS	744	mg/l
Max TDS	744	mg/l
Min TDS	744	mg/l
Avg TSS	0.0	mg/l
Max TSS	4.4	mg/l
Min TSS	4.4	mg/l
Avg Temp	14.4	degree C
Max Temp	14.4	degree C
Min Temp	14.4	degree C

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Station ID | 4997250 | Spring Creek at entrance to Provo River E of WWTP
 Time Period | 10/1/2005 | 9/30/2006

	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 ((blank)						
10/26/2005	10.6	0.055	0.085	242	9.6	8.78	2144	145	224	638189	25317
11/29/2005	10.1	0.023	0.063	244	6.8	2.44	681	33	62	203533	6868
1/25/2006	21	0	0.074	212	50.8	0	2374	34	200	665667	84084
3/29/2006	64	0.067	0.178	252	133	5.77	7995	329	1239	2281583	903782
4/25/2006	16	0.034	0.057	222	12.4	12.96	857	53	124	249724	76603
5/31/2006	47	0.028	0.059	198	32.8	12.73	3355	128	239	866657	93269
6/28/2006	44	0.043	0.066	232	30.8	15.5	2443	107	188	646066	95558
7/27/2006	32	0.07	0.079	218	8.8	17.12	1840	128	164	509282	44817
9/12/2006	25.1	0.111	0.15	284	28.4	13.1	2339	260	329	722226	53520
Grand Total						9.8	24,029	1,217	2,770	6,782,927	1,383,817

Avg Flow	30	CFS
Avg TP	0.09	mg/l
Max TP	0.18	mg/l
Min TP	0.06	mg/l
Avg DTP	0.05	mg/l
Max DTP	0.11	mg/l
Min DTP	0.00	mg/l
Avg TDS	234	mg/l
Max TDS	284	mg/l
Min TDS	198	mg/l
Avg TSS	0.0	mg/l
Max TSS	133.0	mg/l
Min TSS	6.8	mg/l
Avg Temp	9.8	degree C
Max Temp	17.1	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 10/1/2005 9/30/2006

	Flow	Phosphorus as P		Solids		Temperature (blank)	Volume (ac-ft)	DTP Mass Loading	TP Mass Loading	Total TDS Loading	Total TSS Loading
		Dissolved	Total	Dissolved	Total Suspended (
10/26/2005	148.5	0	0	100	0	10.8	30037	0	0	3694490	0
11/29/2005	138	0	0	106	0	5.05	9304	0	0	1178754	0
1/25/2006	127	0	0	132	0	2	14355	0	0	2101132	0
3/29/2006	185	0	0.023	134	21.3	4.22	23112	0	327	3780870	302754
4/25/2006	263	0	0	130	0	6.86	14081	0	199	2286237	184458
5/31/2006	1642	0	0	124	0	6.91	117219	0	0	18310795	0
6/28/2006	484	0	0	134	0	8.76	26874	0	0	4264037	0
7/27/2006	162	0	0	92	0	13.52	9316	0	0	1294849	0
9/12/2006	151.6	0	0	108	0	12.8	14129	0	0	1737900	0
Grand Total						7.9	258,427	0	526	38,649,064	487,212

Avg Flow	367	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	118	mg/l
Max TDS	134	mg/l
Min TDS	92	mg/l
Avg TSS	0.0	mg/l
Max TSS	21.3	mg/l
Min TSS	0.0	mg/l
Avg Temp	7.9	degree C
Max Temp	13.5	degree C
Min Temp	2.0	degree C

Water Quality Data Analysis 2007 Water Year

Station ID 4997330 Provo River bl Jordanelle Dam
Time Period 10/1/2005 9/30/2006

	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 ((blank)						
10/26/2005	159.5	0	0	96	0	11.26	32261	0	0	3809429	0
11/29/2005	153	0	0	104	0	6.19	10316	0	0	1268815	0
1/25/2006	154	0	0	124	0	3.08	17407	0	0	2440778	0
3/29/2006	256	0	0.074	126	65.3	3.42	31982	0	1455	4917205	1284374
4/25/2006	312	0	0	118	0	5.05	16705	0	760	2506721	670856
5/31/2006	1721	0	0	140	0	5.67	122859	0	0	19493998	0
6/28/2006	590	0	0	102	0	10.38	32759	0	0	4875546	0
7/27/2006	259	0	0	80	0	11.26	14894	0	0	1667120	0
9/12/2006	224.7	0	0	122	0	11.9	20942	0	0	2601658	0
Grand Total						7.6	300,125	0	2,216	43,581,270	1,955,230

Avg Flow	425	CFS
Avg TP	0.01	mg/l
Max TP	0.07	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	140	mg/l
Min TDS	80	mg/l
Avg TSS	0.0	mg/l
Max TSS	65.3	mg/l
Min TSS	0.0	mg/l
Avg Temp	7.6	degree C
Max Temp	11.9	degree C
Min Temp	3.1	degree C

Water Quality Data Analysis 2007 Water Year

Station ID 4997670 **McHenry Creek below Mayflower**
 Time Period 10/1/2005 9/30/2006

	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 (T (blank)						
5/31/2006	8	0	0	726	0	17.14	1618	0	0	1444956	0
Grand Total						17.1	0	0	0	0	0
							1,618	0	0	1,444,956	0

Avg Flow	8	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	726	mg/l
Max TDS	726	mg/l
Min TDS	726	mg/l
Avg TSS	0.0	mg/l
Max TSS	0.0	mg/l
Min TSS	0.0	mg/l
Avg Temp	17.1	degree C
Max Temp	17.1	degree C
Min Temp	17.1	degree C

Water Quality Data Analysis 2007 Water Year

Station ID 4997675 Big Dutch Pete Hollow
Time Period 10/1/2005 9/30/2006

	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 ((blank)						
10/26/2005	3	0.00	0.000	776	0	14.01	607	0	0	579177	0
3/29/2006	15	0.00	0.04	532	29	7.18	4581	0	113	3684831	81697
4/25/2006	7	0.00	0.02	518	0	11.27	375	0	14	242019	6684
6/28/2006	5	0.00	0.00	800	0	18.94	635	0	8	514355	0
7/27/2006	4	0.00	0.00	760	0	19.68	230	0	0	220689	0
9/12/2006	3	0.00	0.00	738	0	16.4	280	0	0	257590	0
Grand Total						14.6	6,707	0	134	5,498,660	88,382

Avg Flow	6	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	687	mg/l
Max TDS	800	mg/l
Min TDS	518	mg/l
Avg TSS	0.0	mg/l
Max TSS	29.0	mg/l
Min TSS	0.0	mg/l
Avg Temp	14.6	degree C
Max Temp	19.7	degree C
Min Temp	7.2	degree C

Water Quality Data Analysis 2007 Water Year

Station ID 4998030 JSSD 001
Time Period 10/1/2005 9/30/2006

	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 ((blank)						
4/20/2006	7000	0	0	504	0	10.21	1415862	0	0	877721171	0
11/3/2005	7816	0	0	238	0	9.63	-2603854	0	0	-1188216469	0
1/11/2006	7015	0	0	440	0	8.73	959841	0	0	400225071	0
3/1/2006	1900	0	0	414	0	9.05	184617	0	0	96962852	0
5/25/2006	12	0	0	430	0	12.08	2023	0	0	1049882	0
7/5/2006		0	0	484	0		0	0	0	0	0
7/6/2006	8360					11.24	644945844	0	0	191974579782	0
8/2/2006		0	0	478	0	10.22	0	0	0	0	0
Grand Total						10.2	0	0	0	0	0
							644,904,333	0	0	192,162,322,288	0

Avg Flow	5351	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	427	mg/l
Max TDS	504	mg/l
Min TDS	238	mg/l
Avg TSS	0.0	mg/l
Max TSS	0.0	mg/l
Min TSS	0.0	mg/l
Avg Temp	10.2	degree C
Max Temp	12.1	degree C
Min Temp	8.7	degree C

Water Quality Data Analysis 2007 Water Year

Station ID 4998130 Provo River ab Hailstone Junction
 Time Period 10/1/2005 9/30/2006

	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 ((blank)						
10/26/2005	89.7	0	0	108	4.4	6.31	18143	0	0	2410151	98191
11/29/2005	134	0	0	156	0	0	9035	0	0	1466849	24447
1/25/2006	213	0	0	146	0	0	24076	0	0	4471562	0
3/29/2006	187	0.02	0.032	132	18	3.32	23362	287	460	3994154	258614
4/25/2006	458	0	0	90	10.4	5.16	24522	302	483	3347958	428297
5/31/2006	1824	0	0	60	26.8	6.04	130212	0	0	12012030	2978984
6/28/2006	208	0	0	106	0	14.44	11549	0	0	1179037	190350
7/27/2006	36.5	0	0	132	0	17.17	2099	0	0	307231	0
9/12/2006	25.1	0	0.02	160	0	11.6	2339	0	29	420100	0
Grand Total						7.1	245,336	589	971	29,609,072	3,978,884

Avg Flow	320	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	0.02	mg/l
Min DTP	0.00	mg/l
Avg TDS	121	mg/l
Max TDS	160	mg/l
Min TDS	60	mg/l
Avg TSS	0.0	mg/l
Max TSS	26.8	mg/l
Min TSS	0.0	mg/l
Avg Temp	7.1	degree C
Max Temp	17.2	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 10/1/2005 9/30/2006

	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 ((blank)						
10/26/2005	0						0	0	0	0	0
11/29/2005	30	0	0	158	0	0.05	2301371	0	0	223624186	0
3/29/2006	42	0	0.02	168	6	3.14	9994	0	123	2003761	36879
4/25/2006	32	0	0	132	9.2	7.67	1713	0	21	316106	16016
5/31/2006	313	0	0	80	11.2	6.26	22344	0	0	2913269	280333
6/28/2006	100	0	0	126	0	15.31	5552	0	0	703434	38245
7/27/2006	2						0	0	0	0	0
Grand Total						6.5	2,340,975	0	144	229,560,756	371,473

Avg Flow	74	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	133	mg/l
Max TDS	168	mg/l
Min TDS	80	mg/l
Avg TSS	0.0	mg/l
Max TSS	11.2	mg/l
Min TSS	0.0	mg/l
Avg Temp	6.5	degree C
Max Temp	15.3	degree C
Min Temp	0.1	degree C

Water Quality Data Analysis 2007 Water Year

Station ID 4998400 Provo River above Woodland at USGS gage
Time Period 10/1/2005 9/30/2006

	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 ((blank)						
10/26/2005	64	0	0	90	0	5.38	12945	0	0	1433014	0
11/29/2005	43	0	0	130	0	2.27	2899	0	0	392254	0
1/25/2006	58	0	0	124	0	1.79	6556	0	0	1024081	0
3/29/2006	69	0	0	128	0	2.7	8620	0	0	1335943	0
4/25/2006	338	0	0	98	4	3.53	18097	0	0	2515282	44518
5/31/2006	1160	0	0	50	8.8	4.47	82810	0	0	7537373	651881
6/28/2006	280	0	0	88	4.4	11.32	15547	0	0	1319450	126208
7/27/2006	76	0	0	130	9.2	13.6	4371	0	0	585957	36555
9/12/2006	61	0.02	0.022	172	0	9.7	5685	70	77	1055924	32167
Grand Total						6.1	157,530	70	77	17,199,280	891,330

Avg Flow	239	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	112	mg/l
Max TDS	172	mg/l
Min TDS	50	mg/l
Avg TSS	0.0	mg/l
Max TSS	9.2	mg/l
Min TSS	0.0	mg/l
Avg Temp	6.1	degree C
Max Temp	13.6	degree C
Min Temp	1.8	degree C

Water Quality Data Analysis 2007 Water Year

Station ID 5910020 Lower Charleston Canal ab Daniels Ck
 Time Period 10/1/2005 9/30/2006

	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 ((blank)						
10/26/2005	4.9	0.03	0.038	238	0	9.3	991	37	46	290136	0
11/29/2005	5.8	0.024	0.052	292	17	3.93	391	13	22	127462	4088
1/25/2006	5	0.031	0.05	226	9.6	1.98	565	19	35	180041	9245
7/27/2006	0						0	0	0	0	0
9/12/2006	2	0.066	0.07	256	0	15	154563	6274	6654	24334391	0
Grand Total						7.6	156,510	6,342	6,757	24,932,030	13,334

Avg Flow	4	CFS
Avg TP	0.05	mg/l
Max TP	0.07	mg/l
Min TP	0.04	mg/l
Avg DTP	0.04	mg/l
Max DTP	0.07	mg/l
Min DTP	0.02	mg/l
Avg TDS	253	mg/l
Max TDS	292	mg/l
Min TDS	226	mg/l
Avg TSS	0.0	mg/l
Max TSS	17.0	mg/l
Min TSS	0.0	mg/l
Avg Temp	7.6	degree C
Max Temp	15.0	degree C
Min Temp	2.0	degree C

Water Quality Data Analysis 2007 Water Year

Station ID 5910160 Snake Creek above Deer Creek Res.
Time Period 10/1/2005 9/30/2006

	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 ((blank)						
10/26/2005	56.3	0	0.029	544	16.8	13.28	11388	0	406	7619655	235313
11/29/2005	44	0	0.03	586	26.4	8.23	2967	0	108	2061616	78816
1/25/2006	39	0	0	572	17.2	8.22	4408	0	81	3139394	118202
3/29/2006	64	0	0.025	566	17.3	10.18	7995	0	123	5595780	169644
4/25/2006	52	0	0	548	6	14.99	2784	0	43	1907437	39895
5/31/2006	67	0	0.023	484	11	15.14	4783	0	68	3035672	50006
6/28/2006	52	0	0	650	4.8	17.01	2887	0	41	2013596	28055
7/27/2006	61	0	0	644	0	17.18	3508	0	0	2791643	10355
9/12/2006	51.6	0.026	0.03	664	4	15.4	4809	77	89	3868594	11831
Grand Total						13.3	45,529	77	958	32,033,387	742,117

Avg Flow	54	CFS
Avg TP	0.02	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	584	mg/l
Max TDS	664	mg/l
Min TDS	484	mg/l
Avg TSS	0.0	mg/l
Max TSS	26.4	mg/l
Min TSS	0.0	mg/l
Avg Temp	13.3	degree C
Max Temp	17.2	degree C
Min Temp	8.2	degree C

Water Quality Data Analysis 2007 Water Year

Station ID 5910250 Provo River at Heber - Midway Bridge
 Time Period 10/1/2005 9/30/2006

	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 ((blank)						
10/26/2005	138.5	0	0	128	8	10.5	28014	0	0	4410499	275656
11/29/2005	130	0	0.024	148	0	3.97	8765	0	129	1487747	43123
1/25/2006	150	0	0	148	6.8	0.62	16955	0	250	3086424	70904
3/29/2006	190	0	0.02	170	6.8	4.88	23737	0	292	4642149	198532
4/25/2006	299	0	0	136	0	8.4	16009	0	197	3012688	66949
5/31/2006	1661	0	0	130	15.6	8.08	118575	0	0	19397761	1137613
6/28/2006	521	0	0	150	0	10.63	28928	0	0	4981402	277535
7/27/2006	178	0	0	124	0	15.42	10236	0	0	1724910	0
9/12/2006	155.3	0.021	0.025	142	0	13.3	14474	187	223	2367821	0
Grand Total						8.4	265,692	187	1,091	45,111,402	2,070,313

Avg Flow	380	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	0.02	mg/l
Min DTP	0.00	mg/l
Avg TDS	142	mg/l
Max TDS	170	mg/l
Min TDS	124	mg/l
Avg TSS	0.0	mg/l
Max TSS	15.6	mg/l
Min TSS	0.0	mg/l
Avg Temp	8.4	degree C
Max Temp	15.4	degree C
Min Temp	0.6	degree C

Water Quality Data Analysis 2007 Water Year

Station ID 5910273 Sagebrush-Spring ck cnl at 1200 North, Heber
Time Period 10/1/2005 9/30/2006

	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 ((blank)						
10/26/2005	4	0.119	0.204	256	63.6	9.05	809	118	203	254758	63291
11/29/2005	10	0.07	0.143	246	53.2	4.46	674	78	144	208152	48431
1/25/2006	9	0.02	0.149	244	97.2	2.24	1017	56	183	306557	94094
3/29/2006	30	0.103	0.179	256	87	5.77	3748	284	756	1152470	424570
4/25/2006	14	0.064	0.125	238	30.8	13.43	750	77	140	227728	54304
5/31/2006	20	0.059	0.156	208	40.4	12.6	1428	108	247	391620	62519
6/28/2006	30	0.072	0.11	244	48.8	14.76	1666	134	272	463037	91378
7/27/2006	12	0.113	0.133	264	14.8	17.41	690	79	103	215596	26992
9/12/2006	7	0.132	0.173	260	38.4	11.8	652	98	123	210245	21345
Grand Total						10.2	11,434	1,033	2,171	3,430,163	886,925

Avg Flow	15	CFS
Avg TP	0.15	mg/l
Max TP	0.20	mg/l
Min TP	0.11	mg/l
Avg DTP	0.08	mg/l
Max DTP	0.13	mg/l
Min DTP	0.02	mg/l
Avg TDS	246	mg/l
Max TDS	264	mg/l
Min TDS	208	mg/l
Avg TSS	0.0	mg/l
Max TSS	97.2	mg/l
Min TSS	14.8	mg/l
Avg Temp	10.2	degree C
Max Temp	17.4	degree C
Min Temp	2.2	degree C

Water Quality Data Analysis 2007 Water Year

Station ID 5910295 Rock Creek at 1200 North, Heber
Time Period 10/1/2005 9/30/2006

	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 ((blank)						
10/26/2005	2	0.00	0.042	110	32.4	8.38	405	0	21	54733	16121
11/29/2005	2	0.00	0.023	138	12.8	0.8	135	0	5	20566	3748
3/29/2006	8	0.09	0.13	226	30	6.17	1904	109	173	426158	50109
4/25/2006	3	0.00	0.03	132	23.2	11.23	161	9	15	35364	5255
5/31/2006	5	0.00	0.030	134	4.4	10.41	357	0	13	58392	6059
6/28/2006	10	0.02	0.05	144	44.4	12.17	555	8	27	94929	16664
7/27/2006	5	0.05	0.08	110	22	16.49	288	13	24	44916	11742
9/12/2006	1.5	0.03	0.05	128	20.4	12.2	140	7	12	20463	3645
Grand Total						9.7	3,943	145	290	755,522	113,344

Avg Flow	5	CFS
Avg TP	0.05	mg/l
Max TP	0.13	mg/l
Min TP	0.02	mg/l
Avg DTP	0.02	mg/l
Max DTP	0.09	mg/l
Min DTP	0.00	mg/l
Avg TDS	140	mg/l
Max TDS	226	mg/l
Min TDS	110	mg/l
Avg TSS	0.0	mg/l
Max TSS	44.4	mg/l
Min TSS	4.4	mg/l
Avg Temp	9.7	degree C
Max Temp	16.5	degree C
Min Temp	0.8	degree C

Water Quality Data Analysis 2007 Water Year

Station ID 5911120 Northwestward Flow to Provo R. (Flood Control)
 Time Period 10/1/2005 9/30/2006

	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 ((blank)						
10/26/2005	0						0	0	0	0	0
11/29/2005	0						0	0	0	0	0
3/29/2006	15	0.091	0.391	202	55.6	6.93	1154255	64598	277558	143393064	39468586
4/25/2006	40	0.028	0.081	156	38	11.63	2142	157	622	471525	123281
5/31/2006	25	0	0.026	138	18.7	14.71	1785	31	117	322692	62233
6/28/2006	6	0	0.021	164	5.6	22.76	333	0	10	61875	4979
7/27/2006	8	0.021	0.063	124	77.6	23	460	6	24	81485	23540
9/12/2006	6	0	0.023	110	8	18	559	7	30	80475	29439
Grand Total						16.2	1,159,533	64,798	278,360	144,411,116	39,712,058

Avg Flow	13	CFS
Avg TP	0.10	mg/l
Max TP	0.39	mg/l
Min TP	0.02	mg/l
Avg DTP	0.02	mg/l
Max DTP	0.09	mg/l
Min DTP	0.00	mg/l
Avg TDS	149	mg/l
Max TDS	202	mg/l
Min TDS	110	mg/l
Avg TSS	0.0	mg/l
Max TSS	77.6	mg/l
Min TSS	5.6	mg/l
Avg Temp	16.2	degree C
Max Temp	23.0	degree C
Min Temp	6.9	degree C

Water Quality Data Analysis 2007 Water Year

Station ID 5913210 Provo River below Deer Creek Res.
Time Period 10/1/2005 9/30/2006

	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 ((blank)						
10/26/2005	261.5	0	0	212	0	13.32	52893	0	0	13792264	0
11/29/2005	90	0	0.031	246	6	7.17	6068	0	116	1709168	22391
1/25/2006	139	0	0	258	0	3.24	15711	0	300	4869877	57975
3/29/2006	272	0	0.022	250	0	4.77	33981	0	460	10616247	0
4/25/2006	515	0	0	246	7.6	6.29	27574	0	373	8411056	128879
5/31/2006	502	0	0	204	0	14.9	35837	0	0	9917828	167501
6/28/2006	547	0.027	0	226	0	10.8	30372	504	0	8031777	0
7/27/2006	493	0.038	0.046	196	0	12.79	28351	1133	802	7357922	0
9/12/2006	503.6	0.09	0.119	212	12.4	16.2	46936	3695	4763	11777187	357934
Grand Total						9.9	277,722	5,332	6,813	76,483,325	734,680

Avg Flow	369	CFS
Avg TP	0.02	mg/l
Max TP	0.12	mg/l
Min TP	0.00	mg/l
Avg DTP	0.02	mg/l
Max DTP	0.09	mg/l
Min DTP	0.00	mg/l
Avg TDS	228	mg/l
Max TDS	258	mg/l
Min TDS	196	mg/l
Avg TSS	0.0	mg/l
Max TSS	12.4	mg/l
Min TSS	0.0	mg/l
Avg Temp	9.9	degree C
Max Temp	16.2	degree C
Min Temp	3.2	degree C

Water Quality Data Analysis 2007 Water Year

Station ID 5913460 Main Creek at bridge on US189 above Res.
Time Period 10/1/2005 9/30/2006

	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 ((blank)						
10/26/2005	12	0.00	0.035	330	12	12.2	2427	0	104	985197	35825
11/29/2005	12	0.00	0.039	322	17.2	3.25	809	0	37	324418	14529
1/25/2006	18	0.02	0.03	286	38.8	0.36	2035	25	83	760762	70070
3/29/2006	65	0.05	0.25	192	255	8.53	8120	340	1383	2387150	1467248
4/25/2006	60	0.00	0.03	158	30	9.92	3212	95	557	691482	563064
5/31/2006	25	0.02	0.038	214	27.2	16.52	1785	25	77	408304	62782
6/28/2006	6	0.04	0.03	308	20	22.44	333	14	13	106949	9671
7/27/2006	3	0.07	0.09	308	7.2	24.77	173	12	13	65358	2886
9/12/2006	6.5	0.07	0.10	350	16.4	18.8	606	52	72	245152	8793
Grand Total						13.0	19,500	562	2,339	5,974,772	2,234,868

Avg Flow	23	CFS
Avg TP	0.07	mg/l
Max TP	0.25	mg/l
Min TP	0.03	mg/l
Avg DTP	0.03	mg/l
Max DTP	0.07	mg/l
Min DTP	0.00	mg/l
Avg TDS	274	mg/l
Max TDS	350	mg/l
Min TDS	158	mg/l
Avg TSS	0.0	mg/l
Max TSS	255.0	mg/l
Min TSS	7.2	mg/l
Avg Temp	13.0	degree C
Max Temp	24.8	degree C
Min Temp	0.4	degree C

Water Quality Data Analysis 2007 Water Year

Station ID 5913520 Daniels Creek 100 feet below cnfl w/ LCC
 Time Period 10/1/2005 9/30/2006

	Flow	Phosphorus as P		Solids		Temperature (blank)	Volume (ac-ft)	DTP Mass Loading	TP Mass Loading	Total TDS Loading	Total TSS Loading
		Dissolved	Total	Dissolved	Total Suspended						
3/29/2006	3.3	0.04	0.11	336	34.7	7.87	667	30	87	275855	28489
4/25/2006	24	0.00	0.04	244	105	11.13	1285	28	111	458354	110400
5/31/2006	21	0.00	0.000	224	4	16.99	1499	0	32	431485	100495
6/28/2006	0.3	0.02	0.03	230	19	22.68	17	0	0	4651	236
Grand Total						14.7	3,468	58	231	1,170,345	239,620

Avg Flow	12	CFS
Avg TP	0.04	mg/l
Max TP	0.11	mg/l
Min TP	0.00	mg/l
Avg DTP	0.01	mg/l
Max DTP	0.04	mg/l
Min DTP	0.00	mg/l
Avg TDS	259	mg/l
Max TDS	336	mg/l
Min TDS	224	mg/l
Avg TSS	0.0	mg/l
Max TSS	105.0	mg/l
Min TSS	4.0	mg/l
Avg Temp	14.7	degree C
Max Temp	22.7	degree C
Min Temp	7.9	degree C

Water Quality Data Analysis 2007 Water Year

Station ID 5913630 Provo River above Deer Creek Res. at McKellar Br.
Time Period 10/1/2005 9/30/2006

	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 ((blank)						
10/26/2005	144	0.00	0.000	134	0	11.61	29126	0	0	4800597	0
11/29/2005	147	0.00	0.024	182	0	3.94	9911	0	146	1926110	0
1/25/2006	145	0.00	0.00	156	9.6	1.5	16389	0	242	3406884	96764
3/29/2006	242	0.03	0.07	196	77	6.42	30233	521	1283	6544800	1610170
4/25/2006	288	0.00	0.00	152	8.7	10.17	15420	266	654	3300147	812709
5/31/2006	1823	0.00	0.022	134	22.4	9.86	130140	0	1761	22890382	2489129
6/28/2006	522	0.00	0.00	158	8	12.92	28984	0	392	5204862	541876
7/27/2006	179	0.02	0.03	158	7.2	17.64	10294	152	196	2000488	96226
9/12/2006	165.4	0.03	0.04	168	0	14.7	15415	521	626	3090643	68260
Grand Total						9.9	285,913	1,460	5,300	53,164,914	5,715,132

Avg Flow	406	CFS
Avg TP	0.02	mg/l
Max TP	0.07	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	160	mg/l
Max TDS	196	mg/l
Min TDS	134	mg/l
Avg TSS	0.0	mg/l
Max TSS	77.0	mg/l
Min TSS	0.0	mg/l
Avg Temp	9.9	degree C
Max Temp	17.6	degree C
Min Temp	1.5	degree C