

Station Name 14377-001 GBRA Sunfield WWTP  
 TCEQ Segment No. 1810  
 TCEQ Station Id No. 99937  
 Monitoring Type Wastewater effluent  
 Latitude: 30.06188 Longitude: -97.79718

Parameter	Parameter Code	Date and 24 hour time									
		4/26/11	5/31/11	6/14/11	7/19/11	8/16/11	9/20/11	10/18/11	11/15/11	12/6/11	1/11/12
Rainfall (Inches)* within last 7 days		0.00"	0.00"	0.00"	0.00"	0.00"	0.00"	0.00"	0.75	2.09"	0.63"
Flow (cfs)	00061	0.06	0	0.1	0.3	0.02	0.2	0.2	0.03	0.02	0.01
E coli (organisms/100 mL)	31699	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Suspended Solids (mg/L)	00530	3.60	1.10	2.50	1.00	1.20	1.33	1	2.00	0.70	0.60
pH	00400	7.4	7.5	7.5	7.7	7.6	7.7	7.7	7.7	7.8	7.7
Temperature (C)	00010	25.7	27.1	27.3	29.4	28.9	26.2	21.0	20.3	12.4	15.0
Dissolved Oxygen (mg/L)	00300	7.9	7.9	7.2	7.4	7.5	8.5	9.3	9.2	10.9	9.9
Conductivity (umhos/cm)	00094	1180	1150	1210	1270	1100	1160	1150	1200	1230	1150
Total Phosphorus (mg/L)	00665	0.45	0.33	0.36	0.38	0.43	0.45	0.45	0.46	0.58	0.55
Nitrate-N (mg/L)	00620	63.5	55.2	56.5	52.5	50	53.5	51.5	54.6	51.2	52.8
Chloride (mg/L)	00940	81.9	80.5	83.7	105	68.8	84.8	0.78	80.6	92.5	79.7
Sulfate (mg/L)	00945	190	177	185	184	154	176	154	165	166	155
Ammonia-N (mg/L)	00610	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
BOD (mg/L)	00310		3	4	20	<1	<1	<1	<1	<1	<1
CBOD (mg/L)	80082		3	4	21	<1	<1	<1	<1	<1	<1
COD (mg/L)	00335		27.9	<10.0	<10.0	<10.0	<10.0	10.9	15.1	15.1	<10.0
TKN	00625		0.71	0.61	0.80	0.85	0.24	0.44	0.26	0.90	0.70

\*Rainfall data reported from National Climatic Data Center (NCDC) Preliminary Monthly Climate Data at Austin Bergstrom

Parameter	Parameter Code	Date & 24 hour time									
		2/14/12	3/28/12	4/18/12	5/2/12	6/19/12	7/11/12	8/22/12	9/25/12	10/17/12	11/28/12
Rainfall (Inches)* within last 7 days		.30"	.28"	0.02"	0.00"	0.00"	0.17"	2.86"	0.00"	0.25"	0.00"
Flow (cfs)	00061	0.3	0	0.1	0.06	0.1	0.06	0.2	0.07	0.07	0.01
E coli (organisms/100 mL)	31699	<1	<1	<1	3	<1	4	<1	<1	<1	1
Suspended Solids (mg/L)	00530	1.40	1.70	0.80	1.40	0.5	<0.50	<1.0	<0.71	<1.00	0.50
pH	00400	7.8	7.8	7.6	7.6	7.3	7.5	7.4	7.8	7.8	7.8
Temperature (C)	00010	13.6	21.3	21.5	24.8	27.3	27.4	25.6	26	23.8	17.5
Dissolved Oxygen (mg/L)	00300	10.3	8.8	8.7	8.1	7.7	7.1	8.2	7.9	8.1	9.6
Conductivity (umhos/cm)	00094	1240	1130	1440	1860	1430	1570	1620	1550	1500	1560
Total Phosphorus (mg/L)	00665	0.25	0.28	0.28	0.24	0.29	0.87	0.21	0.28	0.39	0.54
Nitrate-N (mg/L)	00620	60	22.5	52	35.0	57.0	45.5	45.8	39.8	41	34
Chloride (mg/L)	00940	88.1	87	150	320	146	211	250	224	228	229
Sulfate (mg/L)	00945	180	182	189	148	200	157	197	179	165	131
Ammonia-N (mg/L)	00610	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
BOD (mg/L)	00409	<1	<1	<1	<1	<1	<1	2	2	2	1
CBOD (mg/L)	00412	<1	<1	<1	2	<1	<1	<1	2	2	<1
COD (mg/L)	00421	12.9	32.9	28.4	<10.0	12.9	12.9	12.9	12.9	<10.0	<10.0
TKN	00625	0.83	<0.20	<0.20	<0.20	<0.20	<2.00	<4.00	<0.20	<0.20	<0.20

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Parameter	Parameter Code	Date & 24 hour time									
		12/26/12	1/29/13	2/13/13	3/27/13	4/17/13	5/14/13	6/11/13	7/10/13	8/7/13	9/10/13
Rainfall (Inches)* within last 7 days		0.00"	0.02"	0.54"	0.02"	0.00"	1.08"	0.06"	0.02"	0.00"	0.23"
Flow (cfs)	00061	0.04	0.07	0.04	0.09	0.09	0.03	0.05	0.08	0.3	0.2
E coli (organisms/100 mL)	31699	<1	<1	<1	<1	<1	<1	<1	1	<1	1
Suspended Solids (mg/L)	00530	<1	0.60	0.60	<1	0.80	<1	<0.50	1.90	<0.50	1.20
pH	00400	7.6	7.8	7.5	7.7	7.7	7.6	7.8	7.6	7.8	7.6
Temperature (C)	00010	13.3	20.7	15.9	16.2	23.8	24.3	27.8	28.6	29.1	27.7
Dissolved Oxygen (mg/L)	00300	9.7	8.9	9.8	9.9	8.4	8.4	7.8	7.7	7.4	7.8
Conductivity (umhos/cm)	00094	1310	1360	1360	1550	1580	1530	1910	2080	1980	2100
Total Phosphorus (mg/L)	00665	0.56	0.96	0.66	0.55	0.58	0.46	0.61	0.46	0.67	0.28
Nitrate-N (mg/L)	00620	38.5	44.0	52.2	44.2	41.2	47.0	42.5	39.2	40.2	44.5
Chloride (mg/L)	00940	145	140	151	199	194	174	302	342	330	355
Sulfate (mg/L)	00945	152	162	196	197	192	182	174	201	170	208
Ammonia-N (mg/L)	00610	<0.20	0.19	<0.20	0.21	<0.20	<0.20	<0.20	0.21	<0.20	<0.20
BOD (mg/L)	00409	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
CBOD (mg/L)	00412	1	<1	<1	<1	<1	<1	<1	<1	<1	<1
COD (mg/L)	00421	12.9	26.2	12.9	14.8	14.8	<10.0	<10.0	<10.0	15.5	<10.0
TKN	00625	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20

\*Rainfall data reported from National Climatic Data Center (NCDC) Preliminary Monthly Climate Data at Austin Bergstrom

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		10/1/13	11/5/13	12/11/13	1/21/14	2/25/14	3/17/14	4/22/14	5/6/14	6/17/14	7/15/14
Rainfall (Inches)* within last 7 days		1.9"	3.17	0.00"	0.00"	0.02"	0.05"	0.07"	0.0"	1.27"	0.16"
Flow (cfs)	00061	0.3	0.2	0.2	0.1	0.2	0.1	0.4	0.09	0.5	0.1
E coli (organisms/100 mL)	31699	<1	3	<1	<1	<1	1	<1	<1	110	<2
Suspended Solids (mg/L)	00530	<0.50	1.40	1.10	<1	1.40	<0.50	<0.50	<0.50	0.60	0.80
pH	00400	7.7	7.7	7.8	7.8	7.5	7.8	7.7	7.6	7.5	7.4
Temperature (C)	00010	25.9	22.5	14.2	16.2	20.2	16.8	22.5	22.3	27.1	27.8
Dissolved Oxygen (mg/L)	00300	8.0	8.5	10.3	9.2	9.2	10.3	8.6	8.6	8.0	7.8
Conductivity (umhos/cm)	00094	1720	1310	1460	1754	1720	1690	2250	1940	2020	1990
Total Phosphorus (mg/L)	00665	0.32	0.89	0.73	0.52	0.54	0.30	0.63	0.80	0.46	0.34
Nitrate-N (mg/L)	00620	36.0	27.8	27.5	40.8	37.5	39.2	18.75	29.5	34.8	31.2
Chloride (mg/L)	00940	288	178	176	248	207	217	442	361	347	406
Sulfate (mg/L)	00945	166	121	117	175	159	169	192	305	201	133
Ammonia-N (mg/L)	00610	0.24	<0.20	<0.20	0.24	<0.2	<0.20	<0.20	<0.20	<0.20	0.58
BOD (mg/L)	00409	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
CBOD (mg/L)	00412	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
COD (mg/L)	00421	<10.0	<10.0	<10.0	<10.0	<10.0	13.1	10.9	21.7	<10.0	21.7
TKN	00625	<0.20	<0.20	<0.20	<0.20		0.202	0.738	<0.2	<0.20	<0.20

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Parameter	Parameter Code	Date & 24 hour time									
		8/13/14	9/8/14	10/14/14	11/19/14	12/9/14	1/13/15	2/17/15	3/17/15	4/15/15	5/13/15
Rainfall (Inches)* within last 7 days		0.00"	1.42"	1.38"	0.07"	0.04"	0.58"	0.05"	0.02"	0.21"	2.83"
Flow (cfs)	00061	0.3	0.2	0.3	0.2	0.05	0.07	0.3	0.08	0.3	0.2
E coli (organisms/100 mL)	31699	<2	<1	2	1	<1	<1	<1	<2	<1	<1
Suspended Solids (mg/L)	00530	0.80	0.50	0.90	2.10	0.90	0.80	0.50	<0.50	<0.50	<1.0
pH	00400	7.6	7.8	7.5	7.5	7.4	7.6	7.5	7.8	7.7	7.8
Temperature (C)	00010	28.0	28.7	22.8	15.4	19.2	12.7	14.3	19.7	22.0	22.7
Dissolved Oxygen (mg/L)	00300	7.8	8.6	8.6	9.8	9.2	10.3	9.6	9.0	8.7	8.3
Conductivity (umhos/cm)	00094	1700	1800	1620	1340	1380	1370	1630	1600	1620	1570
Total Phosphorus (mg/L)	00665	0.61	0.80	0.32	0.32	0.31	0.91	0.70	0.35	0.35	1.13
Nitrate-N (mg/L)	00620	39.6	34.2	36.0	---	46.0	42.0	43.2	49.2	41.2	39.2
Chloride (mg/L)	00940	296	453	309	210	223	236	262	296	276	271
Sulfate (mg/L)	00945	153	160	150	132	119	94.0	122	95.2	145	105
Ammonia-N (mg/L)	00610	<0.20	0.23	0.07	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
BOD (mg/L)	00409	<1	<1	<1	1	1	<1	1	1	1	<1
CBOD (mg/L)	00412	<1	<1	<1	1	1	<1	1	1	1	1
COD (mg/L)	00421		32.5	30.1	23.9	8.75	37.7	13.9	<10.0	21.9	16.6
TKN	00625	0.61	<0.20	<0.20	<0.20	<0.20	<0.20	0.86	<0.20	<0.20	<0.20

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Parameter	Parameter Code	Date & 24 hour time									
		6/17/15	7/15/15	8/12/15	9/16/15	10/21/15	11/17/15	12/9/15	1/13/16	2/17/16	3/9/16
Rainfall (Inches)* within last 7 days		1.85"	0.00"	0.0"	2.4"	0.0"	0.37"	0.0"	0.00"	0.00"	2.68"
Flow (cfs)	00061	0.3	0.1	0.3	0.05	0.04	0.06	0.2	0.1	0.4	0.2
E coli (organisms/100 mL)	31699	<1	<1	<1	<1	<1	1	<1	<1	1	<1
Suspended Solids (mg/L)	00530	0.70	<0.50	0.60	0.50	1.10	<0.50	<0.50	0.80	0.90	1.20
pH	00400	7.5	7.5	7.6	7.7	7.7	7.6	7.6	7.4	7.5	7.6
Temperature (C)	00010	25.9	27.3	28.2	26.4	24.4	21.3	19.3	17.0	19.4	20.7
Dissolved Oxygen (mg/L)	00300	11.9	7.8	7.7	8.0	8.4	8.7	9.1	9.4	9.1	8.9
Conductivity (umhos/cm)	00094	1600	1670	1970	1680	1930	1450	1450	1440	1530	1590
Total Phosphorus (mg/L)	00665	0.36	0.74	0.62	0.43	0.88	0.47	0.46	0.44	0.56	0.64
Nitrate-N (mg/L)	00620	37.3	43.2	33.0	42.9	45.4	42.0	43.1	54.0	46.6	45.6
Chloride (mg/L)	00940	292	294	371	292	364	252	239	251	270	260
Sulfate (mg/L)	00945	147	94.2	128	117	118	107	113	114	119	105
Ammonia-N (mg/L)	00610	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.22	0.12
BOD (mg/L)	00409	<1		2	<1	<1	1	1	1	1	<1
CBOD (mg/L)	00412	1		1	1	1	1	1	1	1	<1
COD (mg/L)	00421	13.9		11.3	13.9	19.2	13.9	16.6	20.3	24.5	<10.0
TKN	00625	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20

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		4/13/16	5/18/16	6/15/16	7/19/16	8/10/16	9/14/16	10/26/16	11/15/16	12/13/16	1/31/17
Rainfall (Inches)* within last 7 days		2.08"	2.05"	0.00"	0.00"	0.00"	0.22"	0.02"	0.75"	0.01"	0.00"
Flow (cfs)	00061	0.4	0.2	0.1	0.07	0.07	0.2	0.4	0.07	0.1	0.4
E coli (organisms/100 mL)	31699	<1	<1	<1	<1	<1	<1	<1	<2	9	84
Suspended Solids (mg/L)	00530	2.40	1.40	1.20	1.00	0.80	<0.50	3.20	3.40	2.50	1.80
pH	00400	7.7	7.6	7.4	7.4	7.5	7.4	7.5	7.3	7.1	7.3
Temperature (C)	00010	21.3	22.7	27.9	28.4	29.2	27.8	24.8	24.2	19.5	18.0
Dissolved Oxygen (mg/L)	00300	8.8	8.4	7.8	7.8	7.6	7.9	8.3	8.1	9.0	9.5
Conductivity (umhos/cm)	00094	1630	1510	1640	1800	1860	1670	1730	1570	1470	1630
Total Phosphorus (mg/L)	00665	0.52	0.78	0.49	0.39	0.35	0.43	0.32	0.45	0.31	0.34
Nitrate-N (mg/L)	00620	41.4	41.8	34.5	44.0	42.8	45.0	36.5	45.8	36.5	37.4
Chloride (mg/L)	00940	262	261	306	301	352	310	265	295	370	314
Sulfate (mg/L)	00945	123	103	103	136	130	130	115	132	150	93.1
Ammonia-N (mg/L)	00610	<0.20	<0.20	<0.20	<0.20	0.24	<0.20	<0.20	<0.20	<0.20	<0.20
BOD (mg/L)	00409	1	<1	1	1	<1	<1	<1	3	1	<1
CBOD (mg/L)	00412	1	1	1	1	1	1	1	3	1	<1
COD (mg/L)	00421	17.0	12.7	14.8	21.4	21.4	12.7	13.1	19.1	11.1	13.1
TKN	00625	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20

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Parameter	Parameter Code	Date & 24 hour time									
		2/15/17	3/15/17	4/19/17	5/17/17	6/14/17	7/12/17	8/15/17	9/12/17	10/18/17	2/22/18
Rainfall (Inches)* within last 7 days		1.24"	0.75"	0.00"	0.12"	0.02"	0.84"	0.00"	0.00"	0.00"	0.82"
Flow (cfs)	00061	0.1	0.2	0.2	0.1	0.02	<0.01	0.09	0.1	0.08	0.1
E coli (organisms/100 mL)	31699	<1	<1	<1	<1	<1	37	<1	<1	<1	<1
Suspended Solids (mg/L)	00530	1.00	<0.50	2.40	2.20	0.80	<0.50	1.10	0.60	0.5	2.10
pH	00400	7.4	7.5	7.3	7.3	7.4	7.8	8.5	7.6	7.7	7.4
Temperature (C)	00010	18.6	20.2	24.2	24.4	27.2	28.0	30.1	25.0	23.5	18.7
Dissolved Oxygen (mg/L)	00300	8.7	9.2	8.4	8.1	7.5	7.7	7.1	8.0	8.4	9.1
Conductivity (umhos/cm)	00094	1510	1560	1590	1710	1820	2000	1830	1610	1570	1550
Total Phosphorus (mg/L)	00665	0.39	0.39	0.58	0.64	0.99	0.25	0.57	0.68	1.11	0.73
Nitrate-N (mg/L)	00620	36.1	21.7	39.5	37.5	41.3	36.2	29.3	34.4	24.8	43
Chloride (mg/L)	00940	252	216	272	303	351	336	316	268	291	267
Sulfate (mg/L)	00945	100	104	104	113	105	208	126	117	104	112
Ammonia-N (mg/L)	00610	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.31	<0.20
BOD (mg/L)	00409	1	<1	1	<1	<1	<1	<1	1	1	2
CBOD (mg/L)	00412	1	1	1	2	1	1	1	2	2	3
COD (mg/L)	00421	9.16	10.2	14.7	19.2	17.0	15	<10.0	16.5	14.1	11.8
TKN	00625	<0.20	0.84	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20

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		3/14/18	4/18/18	5/15/18	6/12/18	7/11/18	8/7/18	9/19/18	10/24/18	11/6/18	12/12/18
Rainfall (Inches)* within last 7 days		0.00"	0.00"	0.01"	0.00"	1.26"	0.00"	0.41"	4.10"	0.59"	2.92"
Flow (cfs)	00061	0.1	0.1	0.1	0.4	0.2	0.4	0.3	0.2	0.4	0.4
E coli (organisms/100 mL)	31699	<1	<1	<1	<1	41	<1	1	<2	70	<1
Suspended Solids (mg/L)	00530	0.50	1.50	0.50	1.50	5.10	4.10	0.90	<0.50	0.9	0.60
pH	00400	7.2	7.5	7.4	7.1	6.8	7.4	7.6	7.4	7	7.3
Temperature (C)	00010	18.0	21.4	25.4	27.5	27.7	27.9	28.2	22.2	23.2	18.9
Dissolved Oxygen (mg/L)	00300	9.4	8.6	8.4	7.5	7.8	7.7	7.5	8.4	9.2	9.4
Conductivity (umhos/cm)	00094	1600	1640	1690	1850	1530	1790	1520	1380	1240	1250
Total Phosphorus (mg/L)	00665	0.38	0.42	0.34	0.59	0.5	3.65	0.51	0.27	0.65	0.28
Nitrate-N (mg/L)	00620	45.7	42.6	38.7	43.8	41.9	18.0	28.6	31.1	35.4	26.8
Chloride (mg/L)	00940	272	242	324	348	288	193	282	253	257	212
Sulfate (mg/L)	00945	125	121	141	124	124	110	131	109	103	101
Ammonia-N (mg/L)	00610	<0.20	<0.20	<0.20	<0.20	0.22	0.32	<0.20	<0.20	<0.20	<0.20
BOD (mg/L)	00409	1	2	1	1	1	>11	1	<1	1	2
CBOD (mg/L)	00412	1	1	1	1	1	>11	1	1	1	1
COD (mg/L)	00421	11.8	21.2	28.2	21.2	21.2	54.6	13.4	22.1	11.9	36.7
TKN	00625	<0.20	<0.20	<0.20	<0.20	<0.20	0.800	<0.20	<0.20	<0.20	<0.20

\*Rainfall data reported from National Climatic Data Center (NCDC) Preliminary Monthly Climate Data at Austin Bergstrom