

Station Name Brushy Creek at SH 21
 TCEQ Segment No. 1810
 TCEQ Station Id No. 20487
 Monitoring Type Targeted
 Latitude 29.97885 Longitude -97.76562

Parameter	Parameter Code	Date and 24 hour time									
		3/13/08	5/12/08	7/7/08	8/18/08	10/13/08	2/16/09	3/17/09	9/15/09	10/5/09	3/16/10
Weather Conditions (Wet or Dry)		Wet	Dry	Dry	Wet	Dry	Dry	Wet	Wet	Wet	Wet
Rainfall (Inches)* within last 7 days		1.80"	0.03"	0.67"	1.06"	0.42"	0.50"	2.47"	4.19"	1.01"	0.86"
Flow (cfs)	00061	1	0	DRY	DRY	DRY	0.01	0.05	DRY	3.6	0.6
E coli (organisms/100 mL)	31699	400	79				1	135		1380	120
pH	00400	7.8	7.8				7.5	7.7		7.8	7.6
Temperature (C)	00010	18	20.7				14.4	14.4		23.8	16.1
Dissolved Oxygen (mg/L)	00300	7.79	10				7.3	7.3		9.3	10.5
Conductivity (umhos/cm)	00094	680	993				1430	1370		476	446
Total Phosphorus (mg/L)	00665	0.14	0.1				0.05	0.25		0.15	0.06
Nitrate-N (mg/L)	00620	2.83	<0.05				<0.05	0.19		1.5	<0.05
Ammonia-N (mg/L)	00610	<0.10	0.31				0.2	0.15		0.45	<0.1

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

Parameter	Parameter Code	Date and 24 hour time									
		5/18/10	7/13/10	9/8/10	10/20/10	4/18/11	6/21/11	7/27/11	10/11/11	11/14/11	1/23/12
Weather Conditions (Wet or Dry)		Wet	Dry	Wet	Dry	Dry	Dry	Dry	Dry	Dry	Dry
Rainfall (Inches)* within last 7 days		1.01"	1.64"	4.51"	0.00"	0.00"	0.00"	0.00"	1.82"	0.01"	0.00"
Flow (cfs)	00061	0.3	<0.01	10	0	0	DRY	DRY	DRY	DRY	0
E coli (organisms/100 mL)	31699	930	30	7270	21	64					37
pH	00400	7.8	8	7.8	8.1	7.6					8.0
Temperature (C)	00010	25	28.6	25.7	18.7	22					14.2
Dissolved Oxygen (mg/L)	00300	6.2	6.3	9.4	7.1	2.5					7.9
Conductivity (umhos/cm)	00094	723	811	406	726	1430					1030
Total Phosphorus (mg/L)	00665	0.11	0.07	0.33	0.12	0.16					0.06
Nitrate-N (mg/L)	00620	0.22	<0.05	0.36	0.09	0.17					<0.05
Ammonia-N (mg/L)	00610	0.14	<0.10	0.11	0.14	0.46					0.66
Suspended Solids (mg/L)	00530										8.6
TKN											0.90

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Parameter	Parameter Code	Date and 24 hour time									
		1/30/12	3/13/12	4/24/12	6/18/12	7/16/12	10/2/12	11/15/12	1/15/13	2/19/13	4/3/13
Weather Conditions (Wet or Dry)		Wet	Wet	Dry	Dry	Wet	Wet	Dry	Wet	Dry	Wet
Rainfall (Inches)* within last 7 days		6.52"	2.13"	0.00"	0.18"	2.78"	1.97"	0.00"	1.92"	0.00"	3.02"
Flow (cfs)	00061	16	14	<0.01	DRY	7.2	0.08	0	0.2	0.07	2.5
E coli (organisms/100 mL)	31699	930	810	3		6500	1300	160	72	130	>2400
pH	00400	8.0	8.1	8.0		7.7	7.8	8.0	7.6	7.7	7.7
Temperature (C)	00010	12.1	18.3	21.0		25.7	20.7	11.5	7.9	14.4	17.0
Dissolved Oxygen (mg/L)	00300	10.5	9.2	6.0		7.3	6.3	5.4	7.7	7.2	5.6
Conductivity (umhos/cm)	00094	232	369	405		620	812	1060	735	1070	988
Total Phosphorus (mg/L)	00665	0.18	0.10	0.06		0.28	0.13	0.05	0.06	<0.02	0.09
Nitrate-N (mg/L)	00620	0.46	0.08	<0.05		0.51	<0.05	0.18	0.19	0.11	0.13
Ammonia-N (mg/L)	00610	0.17	0.24	0.21		0.45	0.2	0.19	0.16	1.00	0.11
Suspended Solids (mg/L)	00530	113	30.7	8.80		236	13	5.20	12.5	13.4	36.1
TKN	00625	0.94	0.99	0.95		1.03	0.8	0.64	0.69	0.71	0.86

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Parameter	Parameter Code	Date and 24 hour time									
		5/9/13	7/2/13	9/24/13	1/20/14	4/15/14	5/15/14	7/8/14	9/9/14	9/22/14	1/27/15
Weather Conditions (Wet or Dry)		Dry	Dry	Wet	Dry	Dry	Wet	Dry	Wet	Wet	Wet
Rainfall (Inches)* within last 7 days		0.01"	.55"	3.0"	0.0"	0.0"	4.34"	0.69"	1.41"	4.37	3.26"
Flow (cfs)	00061	0.0	DRY	DRY	0.3	0.1		DRY	DRY	<0.01	26
E coli (organisms/100 mL)	31699	40			40	74	300			500	670
pH	00400	7.3			7.9	7.6	7.4			7.4	8.1
Temperature (C)	00010	21.0			11.6	16.1	18.0			26.0	11.3
Dissolved Oxygen (mg/L)	00300	3.6			9.3	6.8	5.9			4.4	11.4
Conductivity (umhos/cm)	00094	1010			910	1130	383			826	334
Total Phosphorus (mg/L)	00665	0.08			0.03	0.08	0.14			0.06	0.08
Nitrate-N (mg/L)	00620	0.19			0.65	0.19	1.43			0.97	0.25
Ammonia-N (mg/L)	00610	0.25			0.16	0.24	0.28			<0.10	0.12
Suspended Solids (mg/L)	00530	29.4			2.40	9.00	39.7			10.3	88.4
TKN	00625	1.33			0.74	1.10	1.44			0.86	0.88

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Parameter	Parameter Code	Date and 24 hour time									
		2/25/15	4/21/15	6/16/15	8/10/15	10/29/15	12/15/15	2/3/16	3/15/16	5/25/16	7/28/16
Weather Conditions (Wet or Dry)		Dry	Wet	Wet	Dry	Wet	Wet	Dry	Wet	Wet	Wet
Rainfall (Inches)* within last 7 days		0.00"	1"	0.69"	0.0"	7.41"	1.21"	0.00"	3.06"	2.75"	1.90"
Flow (cfs)	00061	0.2	11	4.6	DRY	0.1	6.4	<0.01	7.6	53	44
E coli (organisms/100 mL)	31699	53	1100	450		250	2700	98	3400	420	6900
pH	00400	7.7	8.1	8.0		7.5	8.0	7.8	8	7.9	7.8
Temperature (C)	00010	7.9	19.8	26.9		18.2	14.2	12.1	21.0	25.2	27.9
Dissolved Oxygen (mg/L)	00300	11.0	8.7	6.7		2.1	9.3	7.9	8.0	7.7	7.2
Conductivity (umhos/cm)	00094	835	401	437		574	334	850	348	319	283
Total Phosphorus (mg/L)	00665	0.03	0.08	0.12		0.14	0.06	0.03	0.08	0.08	0.19
Nitrate-N (mg/L)	00620	<0.05	0.23	0.21		0.05	0.11	<0.05	0.26	<0.05	0.34
Ammonia-N (mg/L)	00610	<0.10	0.10	<0.10		<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Suspended Solids (mg/L)	00530	6.90	96.8	77.0		5.00	19.2	6.7	93.6	59.5	454
TKN	00625	0.76	1.03	0.63		1.07	0.81	0.80	1.12	0.76	0.66

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		10/27/16	12/7/16	2/22/17	4/5/17	5/15/17	7/25/17	8/8/17	9/7/17	3/27/18	4/4/18
Weather Conditions (Wet or Dry)		Dry	Wet	Wet	Wet	Dry	Dry	Wet	Dry	Dry	Dry
Rainfall (Inches)* within last 7 days		0.02"	3.02"	1.37"	2.08"	0.05"	0.00"	2.92"	0.00"	0.00"	0.00"
Flow (cfs)	00061	0.06	11	61	10	2.8	0.00	2.4	50	0.6	57
E coli (organisms/100 mL)	31699	6	1300	1800	990	250	22	1500	40	88	610
pH	00400	7.3	7.7	8.7	8.3	7.8	7.7	7.8	7.8	7.3	7.8
Temperature (C)	00010	18.8	10.6	18.1	19.6	23.5	27.6	25.7	25.6	21.9	17.4
Dissolved Oxygen (mg/L)	00300	4.4	10.7	9.3	8.4	6.6	5.6	5.6	8.2	4.2	9.3
Conductivity (umhos/cm)	00094	886	374	363	471	494	710	966	309	1000	345
Total Phosphorus (mg/L)	00665	0.04	0.10	0.12	0.10	0.20	0.04	0.14	0.08	0.07	0.13
Nitrate-N (mg/L)	00620	<0.05	0.27	0.37	0.22	0.17	<0.05	5.50	<0.05	<0.05	0.42
Ammonia-N (mg/L)	00610	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.1
Suspended Solids (mg/L)	00530	4.60	45.2	151.0	34.8	155	28.7	58.8	50.5	14.4	43.7
TKN	00625	0.49	0.87	1.19	1.14	1.75	0.96	<0.20	0.77	0.84	0.88

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		6/18/18	9/11/18	12/19/18	2/20/19	3/28/19	5/16/19	6/20/19	8/15/19	9/12/19
Weather Conditions (Wet or Dry)		Dry	Wet	Dry	Dry	Dry	Wet	Wet	Dry	Dry
Rainfall (Inches)* within last 7 days		0.05"	3.24"	0.03"	0.15"	0.00"	1.62"	0.91"	0.00"	0.00"
Flow (cfs)	00061	0.00	3.2	5.4	1.6	0.3	20.00	3.4	Dry	Dry
E coli (organisms/100 mL)	31699	320	1200	380	130	200	240	150		
pH	00400	7.6	7.8	7.9	8	8.2	7.8	7.8		
Temperature (C)	00010	25.6	24.1	13	10.3	18.2	23.5	28.5		
Dissolved Oxygen (mg/L)	00300	5.1	6.1	9.5	11.3	10.2	7.6	5.5		
Conductivity (umhos/cm)	00094	758	486	450	653	721	333	453		
Total Phosphorus (mg/L)	00665	0.07	0.19	0.07	0.07	0.08	0.105	0.126		
Nitrate-N (mg/L)	00620	0.13	0.58	0.68	1.34	<0.05	0.09	0.12		
Ammonia-N (mg/L)	00610	0.18	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10		
Suspended Solids (mg/L)	00530	20.90	56.5	16.5	7.6	11	54.4	114		
TKN	00625	1.08	0.84	0.57	0.693	0.76	0.74	0.76		

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Data after February 2018 is preliminary and subject to change during data review and validation process

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