

Station Name Richmond Branch at Porters Creek @ Dacy Lane
 TCEQ Segment No. 1810
 TCEQ Station Id No. 20505
 Monitoring Type Targeted
 Latitude Longitude

Parameter	Parameter Code	Date and 24 hour time								
		3/19/08	5/13/08	7/9/08	8/19/08	10/13/08	2/17/09	3/17/09	9/16/09	7/14/10
Weather Conditions (Wet or Dry)		Wet	Dry	Dry	Wet	Dry	Dry	Wet	Wet	Dry
Rainfall (Inches)* within last 7 days		1.00"	0.04"	0.44"	1.35"	0.42"	0.06"	2.47"	4.08"	1.64"
Flow (cfs)	00061	1	<0.01	DRY	0.04	0	0	0.16	0.1	0.04
E coli (organisms/100 mL)	31699	6800	690		400	690	64	170	720	370
pH	00400	7.83	7.64		6.7	7.3	7.7	7.6	7.8	7.8
Temperature (C)	00010	17.7	22.6		28.1	21.5	14.2	15.6	24.5	28.4
Dissolved Oxygen (mg/L)	00300	9.66	5.54		6.7	3	8.2	8.4	6.6	8
Conductivity (umhos/cm)	00094	708	837		605	720	900	763	880	760
Total Phosphorus (mg/L)	00665	0.12	<0.05		0.06	0.11	<0.05	0.09	0.05	<0.05
Nitrate-N (mg/L)	00620	0.66	0.06		0.07	0.07	<0.05	0.81	1.01	0.14
Ammonia-N (mg/L)	00610	<0.10	<0.10		<0.10	0.21	0.18	<0.10	0.13	0.13

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Parameter	Parameter Code	Date and 24 hour time								
		9/8/10	10/20/10	4/19/11	6/22/11	7/27/11	10/11/11	11/14/11	1/30/12	3/13/12
Weather Conditions (Wet or Dry)		Wet	Dry	Dry	Wet	Dry	Dry	Dry	Wet	Wet
Rainfall (Inches)* within last 7 days		4.51"	0.00"	0.00"	1.34"	0.00"	1.82"	0.01"	6.19"	2.13"
Flow (cfs)	00061	4.3	<0.01	0	1.1	DRY	DRY	DRY	0.3	0.9
E coli (organisms/100 mL)	31699	1260	140	53	18600				360	400
pH	00400	7.7	7.6	7.6	7.9				8.0	7.8
Temperature (C)	00010	26.8	20.5	22.7	23.2				12.1	19.6
Dissolved Oxygen (mg/L)	00300	5.1	5.2	0.7	6.5				10.7	8.8
Conductivity (umhos/cm)	00094	442	918	1050	341				719	696
Total Phosphorus (mg/L)	00665	0.19	<0.05	0.14	0.43				0.04	0.04
Nitrate-N (mg/L)	00620	3.89	0.14	0.18	1.40				2.66	1.50
Ammonia-N (mg/L)	00610	0.25	0.15	0.20	0.76				0.25	0.25
TKN	00625			1.22	2.56				0.50	0.53
Suspended Solids	00530			12.4	1330				6.00	14.4

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		4/24/12	6/19/12	7/17/12	10/2/12	11/15/12	1/15/13	2/19/13	4/3/13	5/9/13
Weather Conditions (Wet or Dry)		Dry	Dry	Wet	Wet	Dry	Wet	Dry	Dry	Dry
Rainfall (Inches)* within last 7 days		0.00"	0.00"	2.78"	1.97"	0.00"	1.92"	0.00"	3.02"	0.01"
Flow (cfs)	00061	0.3	0	0.6	<0.01	0.2	<0.01	0.07	1.5	0.0
E coli (organisms/100 mL)	31699	180	44	640	310	280	120	2420	>2400	130
pH	00400	8.2	7.9	7.6	7.7	8	7.7	7.6	7.9	7.4
Temperature (C)	00010	22.0	27.1	26.2	20.2	12.5	7.3	15.1	16.1	21.4
Dissolved Oxygen (mg/L)	00300	9.8	5.4	6.9	5.5	10	8.9	3.5	5.5	6.7
Conductivity (umhos/cm)	00094	909	622	458	545	640	698	1040	486	769
Total Phosphorus (mg/L)	00665	0.06	0.06	0.07	0.06	0.02	0.03	0.82	0.14	0.03
Nitrate-N (mg/L)	00620	0.72	<0.05	0.17	0.06	0.15	0.17	0.16	0.50	0.11
Ammonia-N (mg/L)	00610	0.27	0.22	0.18	0.23	0.19	0.19	6.36	0.18	0.19
TKN	00625	0.79	0.62	<2.00	1.65	0.36	0.42	11.3	1.03	0.73
Suspended Solids	00530	39.3	26.8	33.0	8.38	10.9	2.88	20.6	25.7	5.80

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		7/2/2013	9/25/13	1/22/2014	4/16/14	5/28/14	7/9/14	9/10/14	9/23/14	1/27/15
Weather Conditions (Wet or Dry)		Dry	Wet	Dry	Dry	Wet	Dry	Wet	Wet	Wet
Rainfall (Inches)* within last 7 days		.55"	2.97"	0.0"	0.0"	3.54"	0.68"	1.41"	4.35"	3.26"
Flow (cfs)	00061	0.00	0.0	0.07	<0.01		DRY	DRY	<0.01	0.6
E coli (organisms/100 mL)	31699	170	240	93	160	3100				200
pH	00400	7.5	7.5	7.5	7.6	7.5			290	7.8
Temperature (C)	00010	22.8	21.6	8.4	13.2	21.4			24.7	13.0
Dissolved Oxygen (mg/L)	00300	1.7	2.7	10.5	6.3	7.9			5.3	10.9
Conductivity (umhos/cm)	00094	744	547	1050	1030	375			615	676
Total Phosphorus (mg/L)	00665	0.18	0.05	0.02	0.02	0.16			0.04	0.03
Nitrate-N (mg/L)	00620	0.18	0.15	0.23	0.16	0.63			0.06	1.89
Ammonia-N (mg/L)	00610	0.18	0.15	<0.10	0.24	0.20			0.23	0.16
TKN	00625	1.65	0.50	0.4	0.429	0.88			0.73	0.40
Suspended Solids	00530	24.7	4.70	5.10	7.50	51.0			9.00	8.90

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Parameter	Parameter Code	Date and 24 hour time								
		2/25/15	4/21/15	6/16/2015	8/11/15	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	Dry	Wet	Wet	Wet
Rainfall (Inches)* within last 7 days		0.0"	1"	0.69"	0.00"	1.21"	0.00"	3.06"	2.75"	1.90"
Flow (cfs)	00061	0.1	0.4	0.4	0	0.4	0.07	0.3	0.3	1.7
E coli (organisms/100 mL)	31699	44	1600	440	110	2800	140	240	880	2700
pH	00400	7.6	7.7	7.7	7.6	7.8	7.8	7.6	7.7	7.5
Temperature (C)	00010	9.0	19.0	26.1	25.3	14.9	12.1	20.5	24.8	26.5
Dissolved Oxygen (mg/L)	00300	11.6	8.6	7.0	2.7	8.8	11.1	6.7	7.6	6.2
Conductivity (umhos/cm)	00094	1040	790	706	857	556	997	764	800	520
Total Phosphorus (mg/L)	00665	0.02	0.03	0.05	0.14	0.03	<0.02	0.03	0.02	0.08
Nitrate-N (mg/L)	00620	1.22	1.34	0.89	0.12	0.87	0.43	0.85	1.31	0.25
Ammonia-N (mg/L)	00610	<0.10	0.11	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
TKN	00625	<0.20	0.59	0.67	0.88	0.82	0.49	0.57	0.35	1.08
Suspended Solids	00530	1.60	10.6	14.7	21.6	4.00	2.50	14.2	3.00	23.3

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Parameter	Parameter Code	Date and 24 hour time								
		10/27/16	12/7/16	2/22/17	4/5/17	5/16/17	7/25/17	8/9/17	9/7/17	3/27/18
Weather Conditions (Wet or Dry)		Dry	Wet	Wet	Wet	Dry	Dry	Wet	Dry	Dry
Rainfall (Inches)* within last 7 days		0.02"	3.02"	1.37"	2.08"	0.00"	0.00"	2.91"	0.00"	0.00"
Flow (cfs)	00061	0.01	0.9	1	0.5	0.03	0.00	0.09	0.09	0.01
E coli (organisms/100 mL)	31699	82	700	390	630	>2400	150	550	61	270
pH	00400	7.5	7.4	7.9	8.2	7.5	7.6	7.7	7.8	7.4
Temperature (C)	00010	20.1	12.4	17.2	19.7	22.7	26.7	26.9	21.8	22.0
Dissolved Oxygen (mg/L)	00300	7.3	9.2	8.9	7.4	5.7	4.1	1.4	7.7	6.8
Conductivity (umhos/cm)	00094	875	640	748	798	1130	683	607	782	1060
Total Phosphorus (mg/L)	00665	0.02	0.05	0.04	0.04	0.28	0.03	0.06	0.02	0.02
Nitrate-N (mg/L)	00620	0.11	0.81	0.93	1.47	<0.05	0.08	0.38	0.78	0.18
Ammonia-N (mg/L)	00610	<0.10	<0.10	<0.10	<0.10	2.04	0.10	<0.10	<0.10	<0.10
TKN	00625	0.26	0.37	0.55	0.98	3.59	0.73	1.00	0.26	0.29
Suspended Solids	00530	3.00	5.30	4.70	10.4	8.40	32.0	5.00	2.00	2.2

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	4/4/18	6/19/18	9/11/18	12/19/18	2/20/19	3/28/19	5/16/19	6/20/19

Data after March 2017 is preliminary and subject to change during data review and validation process

Parameter	Code	1107	1005	1130	1042	1102	1106	1053	1112	954
Weather Conditions (Wet or Dry)		Dry	Dry	Wet	Dry	Dry	Dry	Wet	Wet	Dry
Rainfall (Inches)* within last 7 days		0.00"	0.27"	3.24"	0.03"	0.15"	0.00"	1.62"	0.91"	0.00"
Flow (cfs)	00061	0.4	0.0	1.7	0.5	0.3	0.05	0.3	0.07	Dry
E coli (organisms/100 mL)	31699	460	>2400	680	270	34	91	820	320	
pH	00400	7.5	7.4	7.7	7.6	7	7.9	7.8	7.8	
Temperature (C)	00010	17.5	25.6	24.2	15.4	11.8	18.3	22.6	27.3	
Dissolved Oxygen (mg/L)	00300	8.8	2.6	5.8	9	12	7.2	5.2	6.5	
Conductivity (umhos/cm)	00094	817	736	464	853	973	1020	804	672	
Total Phosphorus (mg/L)	00665	0.03	0.06	0.05	<0.02	<0.02	0.03	0.03	0.028	
Nitrate-N (mg/L)	00620	1.18	0.11	0.43	1	0.47	0.15	1.16	0.505	
Ammonia-N (mg/L)	00610	<0.10	0.17	<0.10	<0.02	<0.10	<0.10	<0.10	0.1	