

## English River Watershed Bi-Weekly and Bi-Monthly Water Quality Monitoring Data

Water sampling is occuring every 6 weeks at sites #1 through #20. Water sampling is occuring every other week at sites #8, 9, 10, 11, 14, 20, and 21 (shaded in gray). For help interpreting the data, see "Interpreting Water Quality Data" on our webiste.

Value	Unit	Analyte	Transparency (cm)	Weather Description	<b>Collection Date</b>	Site Number
0.24	mg/L	Total Phosphorus as P				
L 160	[MPN]/100mL	E.coli	Not Measured	Sunny & Calm	6/7/2017	ERW1
0.02	mg/L	ortho-Phosphate as P	Not Measured	Sullity & Callii	0/7/2017	LIVVVI
10	mg/L	Nitrate + nitrogen as N				
0.26	mg/L	Total Phosphorus as P				
L 180	[MPN]/100mL	E.coli	19.2	Sunny & Calm	7/31/2017	ERW1
0.03	mg/L	ortho-Phosphate as P	19.2	Sullily & Callil	7/31/2017	ELAAT
< 0.10	mg/L	Nitrate + nitrogen as N				
0.13	mg/L	Total Phosphorus as P				
L 760	[MPN]/100mL	E.coli	24.4	Sunny & Calm	6/7/2017	EDW/2
0.06	mg/L	ortho-Phosphate as P	34.4	Sunny & Cann	6/7/2017	ERW2
16	mg/L	Nitrate + nitrogen as N				
0.26	mg/L	Total Phosphorus as P				
L 2000	[MPN]/100mL	E.coli			= /2 + /2 2 + =	
0.04	mg/L	ortho-Phosphate as P	12.5	Sunny & Calm	7/31/2017	ERW2
1.2	mg/L	Nitrate + nitrogen as N				
0.25	mg/L	Total Phosphorus as P		1		
	[MPN]/100mL	E.coli			- /- /	
0.1	mg/L	ortho-Phosphate as P	13	Sunny & Calm	6/7/2017	ERW3
9.4	mg/L	Nitrate + nitrogen as N				
0.22	mg/L	Total Phosphorus as P				
	[MPN]/100mL	E.coli	33.5		7/31/2017	
0.030	mg/L	ortho-Phosphate as P		Sunny & Calm		ERW3
0.10	mg/L	Nitrate + nitrogen as N				
0.14	mg/L	Total Phosphorus as P		2017 Sunny & Calm	6/7/2017	
	[MPN]/100mL	E.coli				
0.06	mg/L	ortho-Phosphate as P	25.2			ERW4
15		· ·				
0.18	mg/L	Nitrate + nitrogen as N				
	mg/L	Total Phosphorus as P	47.5	Sunny & Calm	7/31/2017	
	[MPN]/100mL	E.coli				ERW4
0.030	mg/L	ortho-Phosphate as P				
1.7	mg/L	Nitrate + nitrogen as N				
0.16	mg/L	Total Phosphorus as P	34.8			
	[MPN]/100mL	E.coli		Sunny & Calm	6/7/2017	ERW5
0.09	mg/L	ortho-Phosphate as P				
12	mg/L	Nitrate + nitrogen as N				
0.22	mg/L	Total Phosphorus as P				
	[MPN]/100mL	E.coli	53.2	7/31/2017 Sunny & Calm 53.2	7/31/2017	ERW5
0.070	mg/L	ortho-Phosphate as P	S	,		
0.46	mg/L	Nitrate + nitrogen as N				
0.24	mg/L	Total Phosphorus as P	25.2	6/7/2017 Sunny & Calm	6/7/2017	
	[MPN]/100mL	E.coli				ERW6
0.1	mg/L	ortho-Phosphate as P				
9.2	mg/L	Nitrate + nitrogen as N				
0.21	mg/L	Total Phosphorus as P	20.5			
L 85	[MPN]/100mL	E.coli		7/31/2017 Sunny & Calm	7/31/2017	FRW6
0.040	mg/L	ortho-Phosphate as P	20.5			
< 0.10	mg/L	Nitrate + nitrogen as N				
0.23	mg/L	Total Phosphorus as P	13		6/7/2017	
L 810	[MPN]/100mL	E.coli		Supply 8. Calm		ED\\/7
0.08	mg/L	ortho-Phosphate as P		5/7/2017 Sunny & Calm		EKVV/
13	mg/L	Nitrate + nitrogen as N				
0.22						
	[MPN]/100mL	E.coli			7/01/05:=	
0.050			30	Sunny & Calm	7/31/2017	ERW7
	mg/L	Nitrate + nitrogen as N				
ım	mg/L [MPN]/100 mg/L mg/L mg/L [MPN]/100 mg/L mg/L mg/L mg/L	Total Phosphorus as P E.coli ortho-Phosphate as P Nitrate + nitrogen as N Total Phosphorus as P E.coli ortho-Phosphate as P Nitrate + nitrogen as N Total Phosphorus as P	20.5	Sunny & Calm Sunny & Calm Sunny & Calm	, ,	ERW6 ERW7

				Total Phosphorus as P	mg/L	0.21	
ERW8				E.coli	[MPN]/100mL	610	
	6/7/2017	Sunny & Calm	22.2	ortho-Phosphate as P	mg/L	0.1	
				Nitrate + nitrogen as N	mg/L	8.7	
				Total Phosphorus as P	mg/L	0.4	
				E.coli	[MPN]/100mL	6100	
ERW8	6/20/2017	Sunny	9	ortho-Phosphate as P	mg/L	0.11	
				Nitrate + nitrogen as N	mg/L	8.7	
				Total Phosphorus as P	mg/L	0.29	
				E.coli	[MPN]/100mL	1300	
ERW8	7/5/2017	Sunny & Calm	11.5	ortho-Phosphate as P	mg/L	0.12	
				Nitrate + nitrogen as N	mg/L	5.1	
					G.	0.16	
				Total Phosphorus as P	mg/L	370	
ERW8	7/18/2017	Sunny, Calm, Cloudy, Partly Sunny	36.2	E.coli	[MPN]/100mL		
				ortho-Phosphate as P	mg/L	0.1	
				Nitrate + nitrogen as N	mg/L	2.5	
				Total Phosphorus as P	mg/L	0.16	
ERW8	7/31/2017	Sunny & Calm	> 60.0	E.coli	[MPN]/100mL	160	
		,		ortho-Phosphate as P	mg/L	0.040	
				Nitrate + nitrogen as N	mg/L	0.22	
				Total Phosphorus as P	mg/L	0.23	
ERW 9	6/7/2017	Sunny & Calm	18.2	E.coli	[MPN]/100mL	640	
	0,7,2017	Sumy & cum	10.2	ortho-Phosphate as P	mg/L	0.1	
				Nitrate + nitrogen as N	mg/L	8.6	
				Total Phosphorus as P	mg/L	0.37	
ERW 9	6/20/2017	Sunny		E.coli	[MPN]/100mL	4200	
ERW 9	0/20/2017	Sumy		ortho-Phosphate as P	mg/L	0.1	
			7.5	Nitrate + nitrogen as N	mg/L	8.8	
				Total Phosphorus as P	mg/L	0.24	
ED)4/ 0	7/5/2047			E.coli	[MPN]/100mL	1600	
ERW 9	7/5/2017	Sunny & Calm		ortho-Phosphate as P	mg/L	0.11	
			12.5	Nitrate + nitrogen as N	mg/L	5.7	
	7/18/2017			Total Phosphorus as P	mg/L	0.14	
				E.coli	[MPN]/100mL	480	
ERW 9		Sunny, Calm, Cloudy, Partly Sunny		ortho-Phosphate as P	mg/L	0.08	
			46	Nitrate + nitrogen as N	mg/L	2.9	
				Total Phosphorus as P	mg/L	0.18	
	7/31/2017			E.coli	[MPN]/100mL	530	
ERW9		Sunny & Calm		ortho-Phosphate as P	mg/L	0.040	
			> 60.0	Nitrate + nitrogen as N	mg/L	0.32	
			7 00.0	Total Phosphorus as P	mg/L	0.13	
	6/7/2017			E.coli	[MPN]/100mL	680	
ERW10				ortho-Phosphate as P	mg/L	0.06	
			25.0				
				35.8	Nitrate + nitrogen as N	mg/L	10
				Total Phosphorus as P	mg/L	0.18	
ERW10		Sunny		E.coli	[MPN]/100mL	2300	
				ortho-Phosphate as P	mg/L	0.08	
			10	Nitrate + nitrogen as N	mg/L	8.6	
	7/5/2017			Total Phosphorus as P	mg/L	0.12	
ERW10		017 Sunny & Calm		E.coli	[MPN]/100mL	3700	
		, 3. 5		ortho-Phosphate as P	mg/L	0.06	
			34	Nitrate + nitrogen as N	mg/L	4.3	
	7/18/2017	/18/2017 Sunny, Calm, Cloudy, Partly Sunny		Total Phosphorus as P	mg/L	0.16	
ERW10				E.coli	[MPN]/100mL	1100	
LIVVIO				ortho-Phosphate as P	mg/L	0.05	
			28	Nitrate + nitrogen as N	mg/L	1.8	
	- ( (	1/2017		Total Phosphorus as P	mg/L	0.21	
ED1443	7/04/22:5	6 6 6 6		E.coli	[MPN]/100mL	1400	
ERW10	7/31/2017	Sunny & Calm		E.coli ortho-Phosphate as P	[MPN]/100mL mg/L	1400 0.050	

				Total Phosphorus as P	mg/L	0.11
ERW11				E.coli	[MPN]/100mL	1200
	6/7/2017	Sunny & Calm		ortho-Phosphate as P	mg/L	0.05
			31	Nitrate + nitrogen as N	mg/L	12
			31	Total Phosphorus as P	mg/L	0.14
				E.coli	[MPN]/100mL	3300
ERW11	6/20/2017	Sunny		ortho-Phosphate as P	mg/L	0.06
			15	Nitrate + nitrogen as N	mg/L	8.3
			13	Total Phosphorus as P	mg/L	0.12
				E.coli	[MPN]/100mL	1100
ERW11	7/5/2017	Sunny & Calm		ortho-Phosphate as P		0.05
			22	Nitrate + nitrogen as N	mg/L	4.1
			23		mg/L	0.16
				Total Phosphorus as P	mg/L	2000
ERW11	7/18/2017	Sunny, Calm, Cloudy, Partly Sunny		E.coli	[MPN]/100mL	
			22	ortho-Phosphate as P	mg/L	0.04
			23	Nitrate + nitrogen as N	mg/L	
				Total Phosphorus as P	mg/L	0.23
ERW11	7/31/2017	Sunny & Calm		E.coli	[MPN]/100mL	1400
			26.2	ortho-Phosphate as P	mg/L	0.030
			26.2	Nitrate + nitrogen as N	mg/L	0.12
				Total Phosphorus as P	mg/L	0.2
ERW12	6/7/2017	Sunny & Calm		E.coli	[MPN]/100mL	680
		,		ortho-Phosphate as P	mg/L	0.08
			15.2	Nitrate + nitrogen as N	mg/L	14
				Total Phosphorus as P	mg/L	0.25
ERW12	7/31/2017	Sunny & Calm		E.coli	[MPN]/100mL	810
	,,01,201,	3 a, a sa		ortho-Phosphate as P	mg/L	<0.020
			20.6	Nitrate + nitrogen as N	mg/L	<0.10
	6/7/2017	Sunny & Calm		Total Phosphorus as P	mg/L	0.1
ERW13				E.coli	[MPN]/100mL	490
				ortho-Phosphate as P	mg/L	0.05
			34.6	Nitrate + nitrogen as N	mg/L	5.7
	7/31/2017			Total Phosphorus as P	mg/L	0.13
ERW13		Sunny & Calm		E.coli	[MPN]/100mL	630
		,		ortho-Phosphate as P	mg/L	0.040
			> 60.0	Nitrate + nitrogen as N	mg/L	1.1
	6/7/2017			Total Phosphorus as P	mg/L	0.19
ERW14		Sunny & Calm		E.coli	[MPN]/100mL	680
				ortho-Phosphate as P	mg/L	0.09
			22.2	Nitrate + nitrogen as N	mg/L	9.3
				Total Phosphorus as P	mg/L	0.32
ERW14	6/20/2017	6/20/2017 Sunny		E.coli	[MPN]/100mL	4100
		,		ortho-Phosphate as P	mg/L	0.09
			8	Nitrate + nitrogen as N	mg/L	9.4
				Total Phosphorus as P	mg/L	0.2
ERW14	7/5/2017	Sunny & Calm		E.coli	[MPN]/100mL	2800
		23, & 33		ortho-Phosphate as P	mg/L	0.1
			31	Nitrate + nitrogen as N	mg/L	6
	7/18/2017			Total Phosphorus as P	mg/L	0.15
ERW14		3/2017 Sunny, Calm, Cloudy, Partly Sunny		E.coli	[MPN]/100mL	400
		callify callify cloudy, I dility suffly		ortho-Phosphate as P	mg/L	0.07
			54	Nitrate + nitrogen as N	mg/L	3.3
	7/31/2017			Total Phosphorus as P	mg/L	0.11
ERW14		31/2017 Sunny & Calm		E.coli	[MPN]/100mL	270
vv 1→				ortho-Phosphate as P	mg/L	0.020
			> 60.0	Nitrate + nitrogen as N	mg/L	0.34
				Total Phosphorus as P	mg/L	0.14
ED\A/1 E	6/7/2017	Supply 9. Calm		E.coli	[MPN]/100mL	460
ERW15	0///201/	Sunny & Calm		ortho-Phosphate as P	mg/L	0.07
	1		24.8	Nitrate + nitrogen as N	mg/L	9.9

				Total Phosphorus as P	mg/L	0.12
ERW15	= /2 / /2 2 / =			E.coli	[MPN]/100mL	350
	7/31/2017	Sunny & Calm		ortho-Phosphate as P	mg/L	0.020
			> 60.0	Nitrate + nitrogen as N	mg/L	1.3
				Total Phosphorus as P	mg/L	0.14
				E.coli	[MPN]/100mL	690
ERW16	6/7/2017	Sunny & Calm		ortho-Phosphate as P	mg/L	0.06
			24.8	Nitrate + nitrogen as N	mg/L	11
			2 1.0	Total Phosphorus as P	mg/L	0.13
				E.coli	[MPN]/100mL	860
ERW16	7/31/2017	Sunny & Calm		ortho-Phosphate as P	mg/L	<0.020
			> 60.0	Nitrate + nitrogen as N	mg/L	0.34
			> 00.0	Total Phosphorus as P	mg/L	0.13
				E.coli	[MPN]/100mL	330
ERW17	6/7/2017	Sunny & Calm				
			24.0	ortho-Phosphate as P	mg/L	0.05
			21.8	Nitrate + nitrogen as N	mg/L	15
				Total Phosphorus as P	mg/L	0.16
ERW17	7/31/2017	Sunny & Calm		E.coli	[MPN]/100mL	550
	, ,	,		ortho-Phosphate as P	mg/L	0.040
			28.5	Nitrate + nitrogen as N	mg/L	1.2
				Total Phosphorus as P	mg/L	0.14
ERW18	6/7/2017	Sunny & Calm		E.coli	[MPN]/100mL	360
LINVIO	0/7/2017	Sunny & Cann		ortho-Phosphate as P	mg/L	0.05
			15.2	Nitrate + nitrogen as N	mg/L	14
				Total Phosphorus as P	mg/L	0.20
ED\4/4.0	7/24/2047	Surana O Calua		E.coli	[MPN]/100mL	1000
ERW18	7/31/2017	Sunny & Calm		ortho-Phosphate as P	mg/L	<0.020
			16.8	Nitrate + nitrogen as N	mg/L	<0.10
				Total Phosphorus as P	mg/L	0.14
				E.coli	[MPN]/100mL	510
ERW19	6/7/2017	Sunny & Calm		ortho-Phosphate as P	mg/L	0.07
			25.8	Nitrate + nitrogen as N	mg/L	11
			23.0	Total Phosphorus as P	mg/L	0.12
	7/31/2017			E.coli	[MPN]/100mL	300
ERW19		Sunny & Calm		ortho-Phosphate as P	mg/L	0.020
			> 60.0	Nitrate + nitrogen as N	mg/L	1.7
			> 00.0			0.12
	6/7/2017			Total Phosphorus as P E.coli	mg/L [MPN]/100mL	430
ERW20						
			ortho-Phosphate as P	mg/L	0.06	
			29.6	Nitrate + nitrogen as N	mg/L	12
	6/20/2017			Total Phosphorus as P	mg/L	0.19
ERW20		Sunny		E.coli	[MPN]/100mL	1900
		,		ortho-Phosphate as P	mg/L	0.07
			14	Nitrate + nitrogen as N	mg/L	11
	7/5/2017			Total Phosphorus as P	mg/L	0.11
ERW20		7/5/2017 Sunny & Calm		E.coli	[MPN]/100mL	1800
				ortho-Phosphate as P	mg/L	0.06
			22	Nitrate + nitrogen as N	mg/L	7.8
	7/18/2017	/18/2017 Sunny, Calm, Cloudy, Partly Sunny		Total Phosphorus as P	mg/L	0.06
EDW/20				E.coli	[MPN]/100mL	1200
ERW20				ortho-Phosphate as P	mg/L	0.03
			> 60	Nitrate + nitrogen as N	mg/L	4.9
				Total Phosphorus as P	mg/L	0.11
				E.coli	[MPN]/100mL	430
ERW20	7/31/2017	31/2017 Sunny & Calm		ortho-Phosphate as P	mg/L	< 0.020

ERW21		Sunny		Total Phosphorus as P	mg/L	0.29
	6/20/2017			E.coli	[MPN]/100mL	5200
	6/20/2017			ortho-Phosphate as P	mg/L	0.17
			35	Nitrate + nitrogen as N	mg/L	9.3
ERW21		Sunny & Calm		Total Phosphorus as P	mg/L	0.26
	7/5/2017			E.coli	[MPN]/100mL	450
	7/5/2017			ortho-Phosphate as P	mg/L	0.17
			26	Nitrate + nitrogen as N	mg/L	5
ERW21	7/18/2017	7/18/2017 Sunny, Calm, Cloudy, Partly Sunny		Total Phosphorus as P	mg/L	0.33
				E.coli	[MPN]/100mL	2400
				ortho-Phosphate as P	mg/L	0.1
			25	Nitrate + nitrogen as N	mg/L	1.1