STREAM SAMPLING RESULTS

Fecal Coliform and Escherichia coli (E. coli) units in cfu/100mLs

1998 to Present

(Note that results prior to May 1, 2003 are fecal coliform and after May 1, 2003 are E. coli)

CITY OF STAUNTON
DEPARTMENT OF PUBLIC WORKS

Name	Lewis Creek				Peyton's Creek		Gum Spring Branch			Asylum Creek			NT = Not Tested
(Source)	(Hotchkiss)				(Hotchkiss)		(Hotchkiss)			(Hotchkiss)			
Alt. Name	Lewis Creek				Buttermilk Spring Run		Peyton Creek			Asylum Creek			
(Source)	(City GIS)				(City GIS)		(City GIS)			(City GIS)			
DATE	**MBR 15**	**VSDB 7**	**STP 1**	**VMM 35**	**BSR 34**	**REC 29**	**GHP 26**	**CA A**	**CBD 11**	**OGR 33**	**BWE B**	**SCC 21**	**COMMENTS**
07/06/98	2,600	NT	NT	NT	NT	20,000	NT	NT	NT	NT	NT	NT	
07/07/98	NT	NT	NT	NT	NT	NT	1,130	NT	4,200	NT	NT	NT	
07/15/98	NT	5,800	5,500	NT	NT	NT	NT	NT	NT	NT	NT	NT	
07/16/98	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	20,000	
08/04/98	490	NT	490	NT	NT	1,630	NT	NT	NT	NT	NT	NT	
08/10/98	1,635	NT	1,220	NT	NT	NT	NT	NT	NT	NT	NT	NT	
08/13/98	1,050	NT	NT	NT	NT	1,660	NT	NT	NT	NT	NT	NT	
10/08/98	8,600	20,000	20,000	20,000	2,210	7,800	6,100	NT	9,700	3,100	NT	6,300	
11/11/98	4,600	6,700	3,400	4,800	NT	NT	NT	NT	NT	NT	NT	NT	
11/13/98	NT	NT	NT	NT	960	11,000	130	NT	1,680	10	NT	8,700	
12/10/98	124	197	620	1,000	72	212	78	NT	742	118	NT	590	
01/21/99	172	1,150	280	128	305	4,980	1,680	NT	2,220	56	NT	250	
02/19/99	1,100	2,370	760	690	134	940	239	NT	3,710	8	NT	1,240	
03/27/99	40	2,000	82	45	15	2,100	33	NT	3,500	24	NT	5,000	
04/24/99	310	2,300	420	118	8	5,500	3,430	NT	1,280	740	NT	1,260	
05/22/99	1,500	5,950	NT	1,080	960	6,340	710	NT	7,240	110	NT	1,000	
06/03/99	930	NT	NT	NT	500	20,000	NT	NT	NT	NT	NT	NT	
06/08/99	NT	NT	720	350	NT	2,200	NT	NT	NT	260	NT	1,990	
06/09/99	NT	3,900	NT	NT	NT	NT	590	NT	6,500	NT	NT	NT	
06/17/99	NT	NT	20,000	4,000	NT	9,600	NT	NT	NT	NT	NT	NT	
06/18/99	NT	NT	NT	NT	1,350	1,000	NT	NT	NT	NT	NT	NT	
06/22/99	NT	4,500	NT	NT	NT	NT	210	NT	15,600	86	NT	610	
06/24/99	270	NT	300	NT	NT	NT	NT	NT	NT	NT	NT	NT	
07/01/99	NT	NT	NT	NT	NT	NT	930	NT	NT	270	NT	1,800	
07/02/99	NT	NT	1,540	1,080	NT	NT	NT	NT	6,300	NT	NT	NT	
07/07/99	1,030	NT	NT	NT	600	12,000	NT	NT	NT	NT	NT	NT	
07/08/99	NT	20,000	NT	NT	NT	2,740	540	NT	3,160	NT	NT	NT	
07/20/99	NT	NT	NT	NT	980	3,700	NT	NT	NT	NT	NT	NT	
07/21/99	NT	NT	NT	NT	NT	NT	840	NT	4,700	NT	NT	NT	
07/23/99	230	NT	NT	NT	NT	NT	NT	NT	NT	16	NT	1,300	
07/27/99	NT	4,200	990	900	NT	690	NT	NT	NT	NT	NT	NT	
07/29/99	NT	NT	NT	NT	NT	NT	1,470	NT	NT	150	NT	20,000	
07/30/99	NT	NT	NT	NT	NT	520	NT	NT	1,210	NT	NT	380	
08/03/99	NT	2,700	720	710	NT	NT	208	NT	7,700	NT	NT	NT	
08/27/99	490	NT	NT	NT	360	350	NT	NT	NT	170	NT	348	
09/15/99	NT	3,900	1,030	1,280	NT	NT	570	NT	1,280	NT	NT	NT	
09/24/99	490	NT	NT	NT	2,800	830	NT	NT	NT	7	NT	200	
10/27/99	159	3,700	960	170	980	196	84	NT	9,800	33	NT	42	

STREAM SAMPLING RESULTS

Fecal Coliform and Escherichia coli (E. coli) units in cfu/100mLs

1998 to Present

(Note that results prior to May 1, 2003 are fecal coliform and after May 1, 2003 are E. coli)

CITY OF STAUNTON
DEPARTMENT OF PUBLIC WORKS

Name	Lewis Creek				Peyton's Creek		Gum Spring Branch			Asylum Creek			NT = Not Tested
(Source)	(Hotchkiss)				(Hotchkiss)		(Hotchkiss)			(Hotchkiss)			
Alt. Name	Lewis Creek				Buttermilk Spring Run		Peyton Creek			Asylum Creek			
(Source)	(City GIS)				(City GIS)		(City GIS)			(City GIS)			
DATE	**MBR 15**	**VSDB 7**	**STP 1**	**VMM 35**	**BSR 34**	**REC 29**	**GHP 26**	**CA A**	**CBD 11**	**OGR 33**	**BWE B**	**SCC 21**	**COMMENTS**
11/19/99	98	1,750	100	52	NT	NT	15	NT	2,640	NT	NT	NT	
11/24/99	NT	NT	NT	NT	98	232	NT	NT	NT	5	NT	68	
12/21/99	156	1,980	138	42	NT	NT	182	NT	2,580	NT	NT	NT	
12/30/99	NT	NT	NT	NT	52	2	NT	NT	NT	1	NT	10	
01/26/00	NT	570	25	4	NT	NT	12	NT	690	NT	NT	NT	
01/29/00	5	NT	NT	NT	10	196	NT	NT	NT	1	NT	1	
02/17/00	NT	560	35	3	NT	NT	20	NT	2,440	NT	NT	NT	
02/24/00	NT	NT	NT	NT	7	18	NT	NT	NT	1	NT	18	
03/29/00	420	1,930	266	88	9	248	20	NT	1,590	6	NT	30	
04/28/00	630	360	170	162	44	1,360	970	NT	4,380	84	NT	1,450	
05/18/00	NT	3,100	1,700	540	NT	NT	1,200	NT	4,400	NT	NT	NT	
05/25/00	360	NT	NT	NT	580	2,900	NT	NT	NT	80	NT	340	
06/22/00	1,060	11,900	4,300	6,000	1,470	2,700	1,700	NT	16,500	200	NT	2,600	
07/01/00	1,380	4,200	2,600	1,000	550	9,200	550	NT	10,800	118	NT	690	
08/10/00	320	7,200	4,500	930	2,900	4,600	75	NT	10,400	27	NT	440	
09/14/00	2,000	6,300	1,150	980	490	1,200	620	NT	8,100	10	NT	420	
10/15/00	270	13,230	345	433	95	578	152	NT	4,650	1	NT	56	
11/30/00	30	160	66	220	25	198	35	NT	9,640	132	NT	40	
12/12/00	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	
01/12/01	40	1,030	37	68	98	60	17	NT	1,420	2	NT	20	
02/15/01	164	1,290	340	256	24	290	112	NT	510	2	NT	37	
03/30/01	540	300	150	220	2	204	70	NT	390	7	NT	18	
04/30/01	560	810	136	15	5	120	158	NT	1,050	6	NT	60	
05/24/01	1,560	2,000	3,700	400	112	400	460	NT	2,470	56	NT	204	
06/28/01	NT	NT	NT	NT	NT	NT	NT	NT	3,700	NT	NT	NT	
06/30/01	540	3,100	590	550	60	1,470	182	NT	820	55	NT	526	
07/02/01	NT	NT	NT	NT	NT	NT	NT	NT	3,300	NT	NT	NT	
07/26/01	209	4,100	1,320	760	55	290	118	NT	12,200	18	NT	200	
08/28/01	510	1,160	790	1,120	109	440	510	NT	1,170	1	NT	370	
09/25/01	620	1,620	2,300	5,000	100	270	210	NT	3,600	420	NT	1,900	
10/31/01	36	480	160	40	182	45	20	NT	580	40	NT	10	
11/30/01	122	1,210	580	231	20	252	211	NT	3,500	10	NT	54	
12/19/01	148	720	132	23	10	118	15	NT	440	43	NT	20	
01/29/02	18	1,630	680	8	6	32	15	NT	3,640	6	NT	30	
02/26/02	28	630	1,860	40	2	260	40	NT	1,830	2	NT	4	
03/26/02	50	290	9	10	9	9	560	NT	1,080	9	NT	9	
04/26/02	320	243	62	112	10	2,370	1,030	NT	1,010	8	NT	21	

STREAM SAMPLING RESULTS

Fecal Coliform and Escherichia coli (E. coli) units in cfu/100mLs

1998 to Present

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CITY OF STAUNTON
DEPARTMENT OF PUBLIC WORKS

Name	Lewis Creek				Peyton's Creek		Gum Spring Branch			Asylum Creek			NT = Not Tested
(Source)	(Hotchkiss)				(Hotchkiss)		(Hotchkiss)			(Hotchkiss)			
Alt. Name	Lewis Creek				Buttermilk Spring Run		Peyton Creek			Asylum Creek			
(Source)	(City GIS)				(City GIS)		(City GIS)			(City GIS)			
DATE	**MBR 15**	**VSDB 7**	**STP 1**	**VMM 35**	**BSR 34**	**REC 29**	**GHP 26**	**CA A**	**CBD 11**	**OGR 33**	**BWE B**	**SCC 21**	**COMMENTS**
05/22/02	86	150	247	23	38	78	98	NT	1,110	1	NT	20	
06/18/02	60	20,000	270	340	770	500	150	NT	20,000	36	NT	790	
07/30/02	140	20,000	160	310	280	36	200	NT	20,000	80	NT	290	
08/27/02	118	980	220	220	40	1	163	NT	2,285	1	NT	9	
09/24/02	260	410	250	170	120	1	530	NT	4,100	40	NT	45	
10/31/02	198	1,190	254	120	18	48	970	NT	3,310	66	NT	70	
11/30/02	78	298	25	14	46	30	100	NT	5,360	4	NT	44	
12/31/02	23	400	20	52	52	8	20,000	NT	650	114	NT	15	
01/31/03	78	403	78	68	4	36	26	NT	1,940	3	NT	76	
02/28/03	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	
03/29/03	10	100	20	10	10	20	20	NT	280	10	NT	10	
04/29/03	216	522	377	198	169	258	46	NT	1,712	2	NT	42	Fecal Coliform
05/31/03	116	516	1,928	378	2	60	106	NT	2,140	24	NT	3,492	E. coli
06/25/03	300	2,700	780	300	60	500	60	NT	8,900	40	NT	160	
07/29/03	330	890	1,150	1,040	170	400	280	NT	2,200	100	NT	520	
08/26/03	200	330	280	500	260	90	290	NT	620	280	NT	1,070	
09/26/03	921	3,609	3,654	2,359	93	153	2,419	NT	17,329	43	NT	34	
10/30/03	1,012	1,987	326	152	38	121	96	NT	6,488	9	NT	509	
11/13/03	3,608	2,273	2,566	3,549	296	308	2,715	NT	2,208	139	NT	243	
12/29/03	77	20,000	3,076	1,112	19	393	1,674	NT	7,701	261	NT	1,664	
01/31/04	24	579	2,420	19	98	44	160	NT	NT	3	NT	8	
02/27/04	102	135	31	20	27	52	20	NT	684	2	NT	41	
03/31/04	305	1,439	404	249	33	1,396	97	NT	5,748	10	NT	323	
04/24/04	411	495	517	411	75	313	58	NT	464	20	NT	211	
05/27/04	3,654	3,250	5,172	8,164	1,198	1,198	1,050	NT	3,448	146	NT	878	
06/29/04	2,247	1,723	1,722	186	189	663	1,401	NT	3,873	85	NT	1,421	
07/27/04	1,220	2,310	2,620	1,210	100	1,870	1,090	NT	11,120	100	NT	520	
08/28/04	630	980	1,100	2,160	100	860	100	NT	3,930	100	NT	200	
09/30/04	1,480	3,880	2,430	3,690	335	740	2,950	NT	7,120	740	NT	410	
10/29/04	173	2,613	988	722	52	884	278	NT	7,270	31	NT	197	
11/29/04	538	5,794	259	218	23	98	41	NT	2,613	23	NT	74	
12/27/04	41	794	97	10	20	10	10	NT	2,098	10	NT	20	
01/29/05	43	1,250	34	19	7	7	6	NT	2,282	3	NT	39	
02/23/05	10	504	225	42	7	248	12	NT	990	1	NT	179	
03/21/05	42	313	50	13	1	15	6	NT	1,274	2	NT	74	
04/21/05	326	2,187	387	248	133	399	91	NT	3,130	2	NT	120	
05/16/05	249	1,597	816	517	65	794	248	NT	3,448	29	NT	291	

STREAM SAMPLING RESULTS

Fecal Coliform and Escherichia coli (E. coli) units in cfu/100mLs

1998 to Present

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CITY OF STAUNTON
DEPARTMENT OF PUBLIC WORKS

Name	Lewis Creek				Peyton's Creek		Gum Spring Branch			Asylum Creek			NT = Not Tested
(Source)	(Hotchkiss)				(Hotchkiss)		(Hotchkiss)			(Hotchkiss)			
Alt. Name	Lewis Creek				Buttermilk Spring Run		Peyton Creek			Asylum Creek			
(Source)	(City GIS)				(City GIS)		(City GIS)			(City GIS)			
DATE	**MBR 15**	**VSDB 7**	**STP 1**	**VMM 35**	**BSR 34**	**REC 29**	**GHP 26**	**CA A**	**CBD 11**	**OGR 33**	**BWE B**	**SCC 21**	**COMMENTS**
06/16/05	2,220	2,540	870	530	324	2,380	1,640	NT	4,780	87	NT	640	
07/19/05	520	3,930	2,720	1,710	310	1,690	520	NT	20,000	100	NT	520	
08/08/05	NT	NT	NT	NT	NT	NT	310	NT	12,230	NT	NT	NT	
08/18/05	1,220	4,130	3,590	860	200	3,690	3,100	NT	10,190	630	NT	200	
09/01/05	NT	NT	NT	NT	NT	NT	960	NT	7,890	NT	NT	NT	
09/20/05	520	2,560	1,110	2,060	100	5,210	410	NT	5,540	200	NT	860	
10/27/05	231	1,616	933	246	112	1,291	183	NT	5,475	42	NT	211	
11/14/05	77	697	262	145	84	305	122	NT	1,607	15	NT	84	
12/26/05	387	2,489	816	816	26	93	150	NT	3,654	115	NT	117	
01/31/06	33	2,098	116	71	52	20	28	NT	5,475	29	NT	159	
02/21/06	9	435	33	11	5	10	16	NT	1,664	1	NT	18	
03/27/06	20	70	44	17	31	42	20	NT	399	6	NT	73	
04/18/06	131	6,131	206	172	73	121	66	NT	1,553	15	NT	119	
04/21/06	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	
04/24/06	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	
05/16/06	345	980	435	387	205	457	172	NT	5,475	150	NT	248	
05/20/06	921	2,359	214	248	99	275	144	NT	8,664	142	NT	225	
06/21/06	435	1,850	813	7,701	248	3,076	579	NT	12,997	59	NT	727	
07/28/06	740	4,320	4,870	2,280	100	1,090	630	NT	6,770	100	NT	520	
08/21/06	225	5,280	1,600	1,580	40	200	154	NT	12,910	61	NT	548	
09/18/06	276	2,030	435	517	154	172	125	NT	5,120	105	NT	236	
10/16/06	236	309	184	389	21	91	37	NT	863	40	NT	119	
11/18/06	1,986	1,733	1,203	1,414	119	140	152	NT	770	548	NT	326	
12/21/06	160	225	248	186	29	157	17	NT	387	23	NT	155	
01/18/07	172	83	285	58	23	40	10	NT	214	65	NT	124	
02/28/07	11	167	88	10	7	613	5	NT	613	96	NT	276	
03/10/07	205	161	187	79	40	291	17	NT	225	18	NT	31	
04/26/07	579	1,986	1,986	461	248	166	105	NT	2,419	23	NT	308	
05/14/07	435	512	512	345	219	248	73	NT	933	50	NT	276	
06/21/07	20,000	1,450	833	987	85	907	537	NT	2,780	262	NT	637	
07/29/07	7,540	2,180	350	1,313	2,105	200	591	NT	14,830	74	NT	624	
08/26/07	2,755	630	1,223	959	84	512	644	NT	1,750	173	NT	495	
09/27/07	1,722	862	1,354	2,247	52	613	201	NT	2,590	97	NT	161	
10/29/07	921	905	205	1,414	30	461	345	NT	5,794	225	NT	276	
11/28/07	135	291	238	816	44	165	43	NT	1,986	70	NT	102	
12/31/07	116	91	99	2,419	4	345	28	NT	980	17	NT	179	
01/30/08	139	308	93	30	27	68	25	NT	261	10	NT	116	

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CITY OF STAUNTON
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DATE	**MBR 15**	**VSDB 7**	**STP 1**	**VMM 35**	**BSR 34**	**REC 29**	**GHP 26**	**CA A**	**CBD 11**	**OGR 33**	**BWE B**	**SCC 21**	**COMMENTS**
02/09/08	91	261	59	160	18	387	45	NT	219	26	NT	548	
03/21/08	1,203	2,419	194	345	49	248	71	NT	2,419	11	NT	172	
04/19/08	435	1,956	2,419	291	108	461	120	NT	5,172	3	NT	111	
05/22/08	461	480	1,203	387	143	613	435	228	1,046	20	NT	517	
06/23/08	1,722	1,793	1,515	1,467	299	5,475	480	960	2,920	173	NT	1,259	
07/07/08	663	1,333	1,086	1,046	345	1,935	455	789	1,210	63	NT	833	
08/18/08	364	2,650	4,611	571	1,296	1,414	345	1,137	8,360	565	NT	530	
09/20/08	185	1,722	594	314	109	714	620	471	1,119	<10	NT	74	
10/13/08	598	3,873	933	278	435	1,291	160	379	4,106	70	NT	231	
11/20/08	687	933	921	308	35	186	84	113	1,789	157	NT	154	
12/27/08	39	457	308	88	15	172	135	185	1,012	326	NT	548	
01/30/09	10	980	548	291	11	30	135	45	194	37	NT	194	
02/26/09	35	260	79	12	172	17	17	36	248	22	NT	96	
03/31/09	45	205	99	86	41	78	9	1,046	387	17	NT	40	
04/28/09	116	1,354	517	276	155	345	187	41	1,019	14	NT	93	
05/25/09	3,873	2,909	794	771	109	2,755	411	2,755	8,164	20	NT	435	
06/29/09	1,120	2,098	1,597	884	1,120	1,723	866	2,909	3,654	26	NT	921	
07/07/09	528	2,247	1,597	960	1,046	1,565	276	504	15,531	214	NT	727	
08/13/09	173	1,553	722	836	121	669	744	275	6,867	160	NT	631	
09/28/09	166	1,169	548	613	133	770	579	548	4,106	122	NT	228	
10/26/09	48	980	261	48	116	980	133	326	1,986	150	NT	68	
11/28/09	49	365	179	77	115	122	93	727	1,120	179	NT	111	
12/12/09	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	
01/20/10	111	517	194	109	18	51	16	194	770	31	NT	63	
02/28/10	205	291	NT	NT	NT	86	22	NT	461	3	NT	153	
03/30/10	1,120	1,414	770	517	87	22	46	326	1,120	25	NT	43	
04/26/10	278	657	248	201	88	1,120	81	326	1,071	3	NT	114	
05/28/10	14,136	1,850	1,046	833	210	921	326	488	1,935	99	NT	586	
06/21/10	2,359	10,462	2,187	495	96	185	727	738	20,000	105	NT	1,086	
07/15/10	395	8,664	2,851	1,246	331	933	708	644	8,570	183	NT	547	
08/16/10	546	1,990	4,106	650	237	3,076	318	1,043	2,750	41	NT	529	
09/09/10	253	2,590	794	1,664	108	187	605	487	2,001	265	NT	295	
10/16/10	110	6,488	681	350	40	135	488	4,106	6,867	93	NT	147	
11/17/10	548	1,785	461	248	47	140	120	96	158	980	NT	112	
12/20/10	86	1,414	102	30	6	38	135	108	1,986	201	NT	85	
01/17/11	72	517	38	488	2	42	28	20	261	548	NT	59	
02/14/11	48	411	82	3	7	93	2	23	1,553	32	NT	12	

STREAM SAMPLING RESULTS

Fecal Coliform and Escherichia coli (E. coli) units in cfu/100mLs

1998 to Present

(Note that results prior to May 1, 2003 are fecal coliform and after May 1, 2003 are E. coli)

CITY OF STAUNTON
DEPARTMENT OF PUBLIC WORKS

Name	Lewis Creek				Peyton's Creek		Gum Spring Branch			Asylum Creek			NT = Not Tested
(Source)	(Hotchkiss)				(Hotchkiss)		(Hotchkiss)			(Hotchkiss)			
Alt. Name	Lewis Creek				Buttermilk Spring Run		Peyton Creek			Asylum Creek			
(Source)	(City GIS)				(City GIS)		(City GIS)			(City GIS)			
DATE	**MBR 15**	**VSDB 7**	**STP 1**	**VMM 35**	**BSR 34**	**REC 29**	**GHP 26**	**CA A**	**CBD 11**	**OGR 33**	**BWE B**	**SCC 21**	**COMMENTS**
03/14/11	108	222	236	1,733	48	102	17	34	102	18	NT	11	
04/20/11	644	836	291	866	86	147	214	272	292	11	NT	194	
05/15/11	1,669	8,212	4,962	3,255	517	1,300	1,733	12,033	10,950	28	NT	4,611	
06/11/11	4,352	2,828	2,613	3,255	548	3,654	1,553	7,270	922	152	NT	1,664	
07/15/11	583	2,472	990	2,666	236	1,126	1,733	379	686	51	766	231	
08/06/11	399	98,040	1,178	1,920	393	2,909	393	389	1,406	98	1,119	1,019	SSO above VSDB
09/17/11	145	970	201	1,450	98	839	512	465	990	20	173	97	
10/15/11	309	933	233	4,611	105	457	148	158	933	37	341	167	
11/13/11	32	749	238	906	37	1,733	38	1,455	2,755	866	27	12	
12/15/11	127	189	109	789	17	51	23	142	211	54	23	19	
01/26/12	39	159	43	649	102	64	11	64	68	7	61	24	
02/13/12	58	129	43	326	34	73	4	6	102	68	88	32	
03/12/12	45	192	27	236	50	31	11	51	83	5	19	16	
04/12/12	179	187	113	565	26	77	49	411	717	5	93	109	
05/19/12	1,500	1,314	789	320	105	219	291	110	573	31	175	644	
06/16/12	1,198	2,092	1,860	471	184	1,246	196	530	746	51	933	624	
07/19/12	504	2,666	794	700	102	416	6,131	1,210	1,710	70	886	789	
08/16/12	395	2,618	1,333	882	134	309	1,266	613	498	86	512	631	
09/22/12	426	1,182	471	331	213	134	933	432	748	20	234	379	
10/20/12	52	2,014	594	323	261	84	291	591	359	15	3,076	770	
11/17/12	35	1,058	107	74	517	47	93	1,860	789	6	45	99	
12/15/12	22	909	140	31	250	28	28	326	313	140	40	28	
01/07/13	11	727	22	7	14	54	17	57	387	11	38	225	
02/14/13	21	166	43	6	365	19	6	32	248	16	19	91	
03/09/13	48	866	24	20	61	62	89	276	1,046	20	24	19	
04/11/13	112	749	142	301	99	88	48	31	4,106	12	62	130	
05/13/13	259	1,262	1,022	292	101	146	488	389	838	28	121	160	
06/15/13	450	646	896	379	387	563	365	697	914	38	644	368	
07/19/13	1,126	1,660	1,309	636	345	2,481	598	613	882	114	1,935	1,860	
08/14/13	1,722	682	683	270	30	959	262	331	492	31	2,755	135	
09/12/13	1,935	350	1,722	262	355	1,274	670	364	778	86	554	364	
10/21/13	866	265	521	97	79	105	488	487	459	12	512	326	
11/14/13	137	259	236	63	42	45	121	1,553	1,421	44	75	26	
12/12/13	326	345	69	35	83	37	26	308	576	84	46	51	
01/09/14	41	28	56	46	15	46	20	76	99	3	23	15	
02/06/14	36	63	66	122	14	38	21	28	120	3	43	31	
03/06/14	17	980	124	6	14	44	71	1,011	2,419	28	50	34	

STREAM SAMPLING RESULTS

Fecal Coliform and Escherichia coli (E. coli) units in cfu/100mLs

1998 to Present

(Note that results prior to May 1, 2003 are fecal coliform and after May 1, 2003 are E. coli)

CITY OF STAUNTON
DEPARTMENT OF PUBLIC WORKS

Name	Lewis Creek				Peyton's Creek		Gum Spring Branch			Asylum Creek			NT = Not Tested
(Source)	(Hotchkiss)				(Hotchkiss)		(Hotchkiss)			(Hotchkiss)			
Alt. Name	Lewis Creek				Buttermilk Spring Run		Peyton Creek			Asylum Creek			
(Source)	(City GIS)				(City GIS)		(City GIS)			(City GIS)			
DATE	**MBR 15**	**VSDB 7**	**STP 1**	**VMM 35**	**BSR 34**	**REC 29**	**GHP 26**	**CA A**	**CBD 11**	**OGR 33**	**BWE B**	**SCC 21**	**COMMENTS**
04/18/14	276	691	214	631	37	63	579	1,785	1,576	2	42	99	
05/12/14	404	3,000	345	492	248	225	305	345	524	4	240	428	
06/09/14	1,553	700	1,860	1,466	326	1,169	373	471	436	23	1,198	384	
07/12/14	1,500	1,152	610	1,714	308	809	677	495	492	1,733	909	256	
08/19/14	928	1,454	12,997	402	331	4,611	529	1,236	882	98	2,595	794	
09/19/14	782	586	332	452	152	302	397	421	370	121	296	546	
10/09/14	291	2,359	1,112	538	71	770	857	4,352	3,654	139	341	345	
11/10/14	165	2,613	579	146	99	326	179	4,106	4,352	13	87	30	
12/08/14	68	988	727	261	76	186	166	173	1,054	47	166	144	
01/16/15	17	3,076	201	75	214	70	11	16	3,255	122	108	59	
02/25/15	10	121	160	4	52	35	435	613	1,162	365	249	435	
03/17/15	38	464	314	73	16	261	133	128	272	6	108	61	
04/18/15	291	336	181	73	91	1,046	345	166	359	11	101	41	
05/27/15	4,352	1,764	2,359	1,439	365	1,046	1,872	1,860	3,130	41	1,022	1,187	
06/23/15	309	3,578	1,860	584	64	1,669	1,565	2,755	1,434	79	1,421	275	
07/17/15	516	896	1,626	1,008	36	3,654	213	738	1,518	344	249	727	
08/17/15	389	662	518	148	365	900	1,112	1,259	928	66	504	259	
09/16/15	313	240	292	268	89	758	1,187	816	636	1,300	1,401	262	
10/09/15	278	288	160	341	86	528	299	292	120	159	109	93	
11/10/15	432	1,439	804	712	548	583	2,053	1,850	1,850	179	338	816	
12/13/15	276	216	364	84	53	63	41	171	379	178	228	81	
01/14/16	142	933	109	96	51	29	3	19	52	38	42	61	
02/20/16	172	727	119	88	37	79	1	249	201	20	45	62	
03/15/16	205	1,334	591	249	108	205	59	41	74	9	60	921	
04/17/16	88	278	86	69	81	770	66	48	121	1	32	160	
05/15/16	341	1,169	548	364	140	2,187	40	727	243	16	365	365	
06/23/16	48,384	7,746	12,976	10,462	2,419	8,664	6,152	4,962	5,446	2,419	6,294	19,863	Extreme runoff from rain.
07/21/16	4,844	2,626	1,226	296	101	19,863	728	498	386	24	727	364	Contractor SSO at REC
08/18/16	2,489	370	992	362	172	6,510	546	416	402	115	601	231	
09/15/16	3,654	584	292	242	24	2,014	472	262	292	39	620	573	
10/22/16	173	1,872	1,017	419	140	341	538	2,014	2,359	73	2,098	480	
11/19/16	435	216	203	33	40	154	122	201	121	72	410	73	
12/21/16	51	197	135	11	238	866	17	23	52	9	830	199	
01/18/17	179	146	32	15	56	228	291	131	27	9	63	74	
02/20/17	145	102	16	15	19	108	43	35	70	88	99	387	
03/16/17	214	365	60	35	31	178	105	70	488	2	435	137	
04/19/17	1,401	1,396	663	213	82	737	105	63	583	10	2,014	836	Runoff from rain.

STREAM SAMPLING RESULTS

Fecal Coliform and Escherichia coli (E. coli) units in cfu/100mLs

1998 to Present

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CITY OF STAUNTON
DEPARTMENT OF PUBLIC WORKS

Name	Lewis Creek				Peyton's Creek		Gum Spring Branch			Asylum Creek			NT = Not Tested
(Source)	(Hotchkiss)				(Hotchkiss)		(Hotchkiss)			(Hotchkiss)			
Alt. Name	Lewis Creek				Buttermilk Spring Run		Peyton Creek			Asylum Creek			
(Source)	(City GIS)				(City GIS)		(City GIS)			(City GIS)			
DATE	**MBR 15**	**VSDB 7**	**STP 1**	**VMM 35**	**BSR 34**	**REC 29**	**GHP 26**	**CA A**	**CBD 11**	**OGR 33**	**BWE B**	**SCC 21**	**COMMENTS**
05/20/17	4,962	959	568	488	586	1,578	354	538	4,884	63	638	457	
06/22/17	1,354	2,078	436	498	69	2,108	452	320	2,500	84	546	452	
07/20/17	1,196	2,446	1,340	662	1,733	3,300	654	1,772	1,542	157	426	422	
08/17/17	346	1,626	346	550	40	1,864	82	218	910	82	452	530	
09/23/17	388	5,226	2,909	410	83	14,136	216	24,192	7,270	22	723	173	
10/17/17	185	2,909	860	416	186	1,416	148	82	754	50	613	529	
11/14/17	145	278	259	161	30	292	152	213	798	7	120	199	
12/07/17	133	3,255	135	74	32	173	37	73	5,172	31	278	126	
01/17/18	79	1,553	199	179	2	326	205	387	488	816	28	345	
02/24/18	487	399	228	199	97	301	74	0	74	20	122	265	
03/10/18	288	313	0	48	50	98	22	2,419	2,143	108	65	419	
04/11/18	146	52	20	61	63	426	41	74	74	20	10	145	
05/14/18	4,092	322	346	480	40	690	432	244	492	40	518	316	
06/07/18	462	610	346	196	82	366	218	194	602	62	316	466	
07/24/18	2,010	1,890	3,840	2,130	980	1,350	970	1,200	1,610	320	2,280	2,030	Runoff from rain.
08/25/18	980	980	410	300	100	2,620	960	860	1,600	40	200	400	
09/22/18	1,450	1,480	410	410	520	1,850	1,220	970	2,130	40	410	300	
10/25/18	175	171	145	85	243	295	173	201	171	5	86	120	
11/27/18	295	160	218	145	213	426	134	134	282	20	96	121	
12/19/18	1,401	134	160	52	148	10	96	161	158	6	41	906	
01/08/19	171	250	63	63	10	10	336	547	504	2	41	63	
02/18/19	121	246	134	63	3	132	0	278	471	1	10	313	
03/23/19	52	146	30	135	5	10	121	171	341	23	20	331	
04/19/19	1,483	295	336	246	86	187	20	63	168	5	110	292	LC/1 - 2419 & LC/2 - 162
05/18/19	959	1,050	504	2,400	436	265	73	246	364	45	416	228	LC/1MB-98 & LC1T-7701
06/15/19	410	620	1,081	537	74	988	309	448	644	40	262	345	LC/1MB-1178 LC/1T-8212
07/22/19	11,199	10,462	17,329	5,231	4,106	3,434	12,033	11,199	17,329	4,611	11,199	24,192	heavy rain / high streams
08/25/19	121	441	437	88	86	197	1,036	794	689	98	246	613	
09/21/19	218	2,613	2,481	798	794	565	2,481	2,224	4,106	31	862	175	
10/19/19	132	393	1,017	1,291	63	408	1,291	613	1,086	150	4,106	419	
11/17/19	197	1,153	216	74	620	313	813	4,352	933	4	265	63	
12/14/19	689	1,658	1,918	984	243	404	2,046	2,755	471	272	583	1,515	heavy rain earlier in day
01/20/20	63	3,076	134	84	20	185	1,317	8,664	3,448	71	74	85	
02/22/20	189	2,359	199	31	20	183	2,613	1,396	2,142	6	10	20	
03/17/20	31	1,850	1,333	594	10	52	0	0	10	4	74	332	
04/23/20	373	426	933	450	52	7,701	1,860	878	1,334	10	95	285	
05/16/20	171	3,255	1,019	364	109	231	2,247	1,467	1,296	16	185	295	

STREAM SAMPLING RESULTS

Fecal Coliform and Escherichia coli (E. coli) units in cfu/100mLs

1998 to Present

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CITY OF STAUNTON
DEPARTMENT OF PUBLIC WORKS

NT = Not Tested

Name	Lewis Creek				Peyton's Creek		Gum Spring Branch			Asylum Creek			
(Source)	(Hotchkiss)				(Hotchkiss)		(Hotchkiss)			(Hotchkiss)			
Alt. Name	Lewis Creek				Buttermilk Spring Run		Peyton Creek			Asylum Creek			
(Source)	(City GIS)				(City GIS)		(City GIS)			(City GIS)			
DATE	**MBR 15**	**VSDB 7**	**STP 1**	**VMM 35**	**BSR 34**	**REC 29**	**GHP 26**	**CA A**	**CBD 11**	**OGR 33**	**BWE B**	**SCC 21**	**COMMENTS**
06/13/20	556	2,851	546	305	63	860	1,187	1,043	305	326	576	733	
07/11/20	464	1,076	910	865	185	886	1,199	905	1,223	124	697	990	
08/08/20	934	2,014	1,515	1,674	738	1,076	2,602	2,014	1,935	228	857	1,071	rain prior to sampling
09/06/20	1,616	669	860	504	74	341	488	408	199	63	209	677	Erosion observed @ MBR
10/22/20	173	6,131	860	278	644	1,860	1,076	1,112	41	11	10	6,867	Animals scat @ SCC and VSD
11/14/20	2,086	10,950	1,818	646	492	270	1,466	808	426	20	292	366	Evident runoff @ VSDB
12/12/20	1,106	2,909	413	393	74	426	1,019	1,112	20	21	10	181	
01/23/21	1,017	74	110	20	10	441	31	20	41	5	10	109	Stream shallow @ MBR
02/20/21	0	74	74	10	10	31	20	41	31	1	30	52	Low runoff; no water fowl
03/11/21	74	74	20	41	10	31	110	160	0	1	20	31	
04/17/21	160	86	171	52	31	987	63	31	134	0	52	201	Waterfowl near REC site
05/15/21	185	5,475	4,352	313	399	759	24,192 +	24,192 +	84	4	96	3,654	Lots of ducks/cattle out today
06/12/21	201	24192 +	504	689	0	785	1,169	776	1,223	11,199	1,187	1,376	Significant rain prior to sampli
07/10/21	547	2,098	2,014	703	882	744	529	350	379	124	457	314	
08/12/21	341	9,804	1,467	1,333	794	426	594	521	135	29	146	364	Waterfowl near VSDB
09/18/21	169	465	836	187	243	754	402	537	292	108	457	161	
10/21/21	74	379	650	601	0	341	496	275	203	11	187	121	
11/27/21	96	20	86	160	135	187	107	30	41	201	31	30	
12/11/21	10	855	160	187	74	74	1,153	1,071	85	15	86	240	
01/27/22	272	85	0	10	135	231	211	160	31	7	20	31	
02/19/22	20	1,296	30	0	84	86	41	41	10	10	10	1,565	Scat @ VSDB and SCC
03/05/22	0	121	959	10	41	51	262	282	10	2	10	85	
04/16/22	0	110	199	0	41	74	86	30	51	2	52	148	
05/14/22	121	299	313	285	471	443	754	521	309	61	246	216	
06/11/22	1,565	529	134	145	1,376	1,664	382	318	441	80	110	399	Water fowl @ MBR, BSR & RI
07/14/22	41	528	86	63	379	318	520	345	345	31	419	341	
08/20/22	109	183	134	108	1,785	1,233	1,100	984	187	76	318	327	More waterfowl and scat this r
09/17/22	448	529	309	404	262	216	9,804	5,794	96	270	132	240	Lots of scat near water @ GH
10/15/22	323	292	10	10	448	275	201	249	10	11	31	364	
11/26/22	0	1,515	20	0	98	135	960	754	97	6	41	1,313	More runoff @ VSDB, SCC
12/10/22	332	984	0	10	345	488	189	256	63	3	110	1,137	
01/07/23	0	20	0	0	259	265	171	63	51	2	20	74	
02/22/23	0	63	20	31	10	0	134	110	171	7	197	169	
03/23/23	41	10	121	31	74	197	63	74	148	6	1,989	86	
04/20/23	98	74	0	0	218	187	98	160	143	5	97	109	
05/13/23	85	1,396	1,334	145	1,076	1,012	> 24192	15,531	691	86	857	1,071	Lots of runoff due to heavy rai
06/24/23	7,704	1,850	134	169	4,611	8,164	465	259	670	101	605	2,098	Runoff from isolated showers

STREAM SAMPLING RESULTS

Fecal Coliform and Escherichia coli (E. coli) units in cfu/100mLs

1998 to Present

(Note that results prior to May 1, 2003 are fecal coliform and after May 1, 2003 are E. coli)

CITY OF STAUNTON
DEPARTMENT OF PUBLIC WORKS

Name	Lewis Creek				Peyton's Creek		Gum Spring Branch			Asylum Creek			NT = Not Tested
(Source)	(Hotchkiss)				(Hotchkiss)		(Hotchkiss)			(Hotchkiss)			
Alt. Name	Lewis Creek				Buttermilk Spring Run		Peyton Creek			Asylum Creek			
(Source)	(City GIS)				(City GIS)		(City GIS)			(City GIS)			
DATE	**MBR 15**	**VSDB 7**	**STP 1**	**VMM 35**	**BSR 34**	**REC 29**	**GHP 26**	**CA A**	**CBD 11**	**OGR 33**	**BWE B**	**SCC 21**	**COMMENTS**
07/22/23	670	110	84	109	697	637	169	156	906	113	1,039	0	Lots of animal droppings @ B
08/29/23	299	31	31	<1	771	932	160	350	233	1,785	262	213	
09/25/23	95	62	0	20	265	373	670	504	1,354	124	1,054	1,119	More scat/runoff observed wh
10/25/23	173	0	96	108	259	185	14,136	17,329	0	82	30	0	More scat than usual @ GHP
11/11/23	98	298	0	355	228	253	3,654	5,172	4,611	42	41	63	More runoff @ GHP,CAA,CBD
12/09/23	10	2,359	3,654	3,448	73	84	2,105	1,529	98	23	20	52	A few sites had more dropping
01/25/24	10	1,119	1,014	1,664	605	657	275	1,019	161	4	131	1,153	Dropping/runoff @ some sites
02/17/24	20	183	201	10	110	97	292	345	20	7	20	216	
03/30/24	10	15,331	14,136	0	932	1,210	426	537	109	15	63	19,863	
04/13/24	20	15,331	14,136	12,997	135	2,755	197	262	155	11	135	161	More waterfowl @ certain site
05/11/24	7,270	288	554	591	520	479	465	583	292	40	379	275	More sediment @ MBR site
06/08/24	240	9,208	12,033	171	1,430	1,722	1,130	1,259	1,106	68	1,274	5,298	
07/06/24	288	24,192+	24,192+	341	1,616	1,789	1,313	1,067	573	147	794	328	A lot of runoff @ VSDB,STP
08/17/24	98	530	480	110	637	631	2,755	1,259	379	65	246	504	
09/23/24	187	521	199	269	907	886	813	1,071	332	127	432	504	
10/12/24	41	109	158	41	262	249	292	278	0	25	74	98	
11/09/24	201	74	10	199	73	132	556	573	1,022	14	41	31	
12/07/24	0	20	0	0	10	0	359	309	393	2	41	74	
01/28/25	10	63	0	0	63	85	4,352	3,076	4,106	7	121	108	
02/15/25	86	>24,192+	10,111	14,136	384	426	2,142	1,664	121	34	31	63	
03/24/25	0	86	52	110	121	134	2,014	1,374	1,250	1	201	717	
04/17/25	0	63	109	63	272	369	1,500	1,723	122	2	74	52	
05/10/25	41	413	369	384	295	309	465	464	211	28	203	171	
06/21/25	132	789	557	723	487	481	650	906	292	102	457	359	
07/19/25	10	216	121	317	960	1,039	830	1,050	464	21	504	583	
08/25/25	98	404	413	464	389	336	1,236	1,178	1,050	59	561	422	
09/18/25	148	31	31	98	187	185	455	479	529	56	435	41	

STREAM SAMPLING RESULTS

Fecal Coliform and Escherichia coli (E. coli) units in cfu/100mLs

1998 to Present

(Note that results prior to May 1, 2003 are fecal coliform and after May 1, 2003 are E. coli)

CITY OF STAUNTON
DEPARTMENT OF PUBLIC WORKS

Name	**Lewis Creek**				**Peyton's Creek**		**Gum Spring Branch**			**Asylum Creek**			NT = Not Tested
(Source)	**(Hotchkiss)**				**(Hotchkiss)**		**(Hotchkiss)**			**(Hotchkiss)**			
Alt. Name	Lewis Creek				Buttermilk Spring Run		Peyton Creek			Asylum Creek			
(Source)	(City GIS)				(City GIS)		(City GIS)			(City GIS)			
DATE	**MBR 15**	**VSDB 7**	**STP 1**	**VMM 35**	**BSR 34**	**REC 29**	**GHP 26**	**CA A**	**CBD 11**	**OGR 33**	**BWE B**	**SCC 21**	**COMMENTS**

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ere bacterial counts higher

gs/runoff in water