2006 Beach Water Monitoring Results - Cuyahoga County

Villa Angela State Park

SAMPLE Date	E. coli Reading cfu/100mL[1]	Status	Recommendations
5/22	92	Good	
5/23	22	Good	
5/24	412	Poor	Post advisories
5/25	940	Poor	Post advisories
5/26	375	Poor	Post advisories
5/30	388	Poor	Post advisories
5/31	59	Good	
6/1	1020	Poor	Post advisories
6/2	730	Poor	Post advisories
6/5	366	Poor	Post advisories
6/6	42	Good	
6/7	840	Poor	Post advisories
6/8	236.5	Poor	Post advisories
6/9	1583	Poor	Post advisories
6/12	28	Good	
6/13	24	Good	
6/14	37	Good	
6/15	44	Good	
6/16	31	Good	
6/19	87	Good	
6/20	860	Poor	Post advisories
6/21	350	Poor	Post advisories
6/22	240	Poor	Post advisories
6/23	154.5	Good	
6/26	580	Poor	Post advisories
6/27	154	Good	
6/28	388.5	Poor	Post advisories
6/29	3750	Poor	Post advisories
6/30	38	Good	
7/1	1260	Poor	Post advisories
7/2	710	Poor	Post advisories
7/3	45.5	Good	
7/4	225.5	Poor	Post advisories
7/5	LA	Poor	Post advisories
7/6	208.5	Good	

Single sample maximum standard = 235cfu/100mL

[1]bacteria colony forming units/100 millileters of water tested.

LA = lab accident

2006 Beach Water Monitoring Results - Cuyahoga County

Villa Angela State Park

SAMPLE Date	E. coli Reading cfu/100mL[1]	Status	Recommendations
7/7	101	Good	
7/10	880	Poor	Post advisories
7/11	90	Good	
7/12	2900	Poor	Post advisories
7/13	293	Poor	Post advisories
7/14	97.5	Good	
7/17	300	Poor	Post advisories
7/18	1410	Poor	Post advisories
7/19	111	Good	
7/20	146	Good	
7/21	2850	Poor	Post advisories
7/24	301.5	Poor	Post advisories
7/25	438.5	Poor	Post advisories
7/26	130	Good	
7/27	440	Poor	Post advisories
7/28	1720	Poor	Post advisories
7/31	50	Good	
8/1	141.5	Good	
8/2	104.5	Good	
8/3	232.5	Good	
8/4	347	Poor	Post advisories
8/7	617	Poor	Post advisories
8/8	133.5	Good	
8/9	10.5	Good	
8/10	2.5	Good	
8/11	155	Good	
8/14	128.5	Good	
8/15	2440	Poor	Post advisories
8/16	25	Good	
8/17	25	Good	
8/18	137.5	Good	
8/21	48	Good	
8/22	163	Good	
8/23	13.5	Good	
8/24	90	Good	
8/28	112.5	Good	
8/29	NS		
8/30	175	Good	
8/31	118	Good	

Single sample maximum standard = 235cfu/100mL

[1]bacteria colony forming units/100 millileters of water tested.

NS = no sample

Last updated: 09/01/06

This is the last sample report of the 2006 season. If today's result is high the advisory sign should be posted through Labor Day, or until a favorable sample result is obtained.

2005 BEACH SAMPLING RESULTS

Cuyahoga County

Beach: Villa Angela State Park *E. Coli colonies/100ml*

DATE		E.COLI		LOG		GEOMETRIC MEAN	NOTES
5/23/05		13		1.1			
5/24/05		840		2.9			(Weather related)
5/25/05		24		1.4			
5/26/05		2		0.3			
5/27/05		53		1.7		31	
5/31/05		4		0.6		24	
6/1/05		20		1.3		12	
6/2/05		4		0.6		8	
6/3/05		15		1.2		12	
6/6/05		123		2.1		14	
6/7/05		72		1.9		25	
6/8/05		24		1.4		26	
6/9/05		126		2.1		53	
6/10/05		144		2.2		83	
6/13/05		97		2.0		79	
6/14/05		110		2.0		86	
6/15/05		147		2.2		123	
6/16/05		587		2.8		168	Recommend posting signs
6/17/05		86		1.9		151	
6/20/05		21		1.3		111	Signs can be removed
6/21/05		6		0.8		62	
6/22/05		670		2.8		84	
6/23/05		174		2.2		66	
6/24/05		96		2.0		68	
6/27/05		18		1.3		66	
6/28/05		22		1.3		85	
6/29/05		133		2.1		61	
6/30/05		607		2.8		79	
7/1/05		647		2.8		116	
7/5/05		317		2.5		205	Recommend posting signs
7/6/05		630		2.8		401	
7/7/05		453		2.7		513	Recommend posting signs
7/8/05		86		1.9		347	

Continued

2005 BEACH SAMPLING RESULTS

Cuyahoga County

Beach: Villa Angela State Park *E. Coli colonies/100ml*

DATE		E.COLI		LOG		GEOMETRIC MEAN	NOTES
7/11/05		1180		3.1		391	
7/12/05		317		2.5		391	
7/13/05		42		1.6		228	
7/14/05		43		1.6		142	
7/15/05		13		1.1		97	signs can be removed
7/18/05		1020		3.0		95	
7/19/05		3700		3.6		155	Recommend posting signs
7/20/05		85		1.9		178	
7/21/05		3133		3.5		420	
7/22/05		600		2.8		904	
7/25/05		243		2.4		678	
7/26/05		3000		3.5		651	
7/27/05		1939		3.3		1216	
7/28/05		86		1.9		592	
7/29/05		25		1.4		314	
8/1/05		30		1.5		206	
8/2/05		59		1.8		94	signs can be removed
8/3/05		10		1.0		33	
8/4/05		540		2.7		47	
8/5/05		114		2.1		64	
8/8/05		4		0.6		43	
8/9/05		1060		3.0		76	
8/10/05		150		2.2		131	Recommend posting signs
8/11/05		149		2.2		102	signs can be removed
8/12/05		1100		3.0		160	Recommend posting signs
8/15/05		80		1.9		291	
8/16/05		19		1.3		130	
8/17/05		31		1.5		95	signs can be removed
8/18/05		72		1.9		82	
8/19/05		96		2.0		50	
8/22/05		313		2.5		66	
8/23/05		413		2.6		123	
8/24/05		5		0.7		85	
8/25/05		130		2.1		96	
8/26/05		21		1.3		71	
8/29/05		72		1.9		53	
8/30/05		59		1.8		36	
8/31/05		3700		3.6		134	Recommend posting signs
9/1/05		230		2.4		150	

All samples are collected and analyzed by the NE Ohio Regional Sewer District.

If the number in the geometric mean column exceeds 126, bacteria levels present a possible health risk and ODH has recommended that advisory signs be posted.

This represents the last sample result of the 2005 season

Last Updated: 09/02/05

2004 BEACH SAMPLING RESULTS
Cuyahoga County

Beach: Villa Angela State Park *E. Coli colonies/100ml*

DATE		E.COLI		LOG		GEOMETRIC MEAN	NOTES
5/24/04		967		3.0			
5/25/04		360		2.6			
5/26/04		75		1.9			
5/27/04		43		1.6			
6/1/04		97		2.0		161	No recommendation issued
6/2/04		24		1.4		77	
6/3/04		28		1.4		46	
6/4/04		23		1.4		36	
6/7/04		10		1.0		27	
6/8/04		36		1.6		22	
6/9/04		87		1.9		29	
6/10/04		54		1.7		33	
6/11/04		440		2.6		59	
6/14/04		72		1.9		88	
6/15/04		46		1.7		93	
6/16/04		287		2.5		118	
6/17/04		10		1.0		84	
6/18/04		118		2.1		65	
6/21/04		23		1.4		51	
6/22/04		44		1.6		51	
6/23/04		13		1.1		27	
6/24/04		55		1.7		39	
6/25/04		18		1.3		26	
6/28/04		333		2.5		45	
6/29/04		1810		3.3		95	
6/30/04		54		1.7		126	
7/1/04		42		1.6		120	
7/6/04		500		2.7		233	Recommend posting signs
7/7/04		260		2.4		222	
7/8/04		373		2.6		162	
7/9/04		20		1.3		132	
7/12/04		48		1.7		136	
7/13/04		58		1.8		88	Signs can be removed
7/14/04		12700		4.1		192	Recommend posting signs
7/15/04		433		2.6		198	
7/16/04		66		1.8		252	

All samples are collected and analyzed by the NE Ohio Regional Sewer District. If the number in the geometric mean column exceeds 126, bacteria levels present a possible health risk and ODH has recommended that advisory signs be posted.

Cuyahoga County

Beach: Villa Angela State Park *E. Coli colonies/100ml*

DATE		E.COLI		LOG		GEOMETRIC MEAN	NOTES
7/19/04		245		2.4		349	
7/20/04		110		2.0		396	a.m. sample
7/20/04		70		1.8		140	p.m. sample
7/21/04		16		1.2		72	a.m. sample/ signs can be removed
7/21/04		66		1.8		72	p.m. sample
7/22/04		305		2.5		76	a.m. sample (corrected)
7/22/04		19		1.3		53	
7/23/04		860		2.9		88	
7/26/04		22		1.3		94	
7/27/04		217		2.3		119	
7/28/04		350		2.5		122	
7/29/04		10		1.0		108	a.m. sample
7/29/04		12		1.1		46	p.m. sample
7/30/04		323		2.5		78	
8/2/04		235		2.4		80	
8/3/04		4760		3.7		134	Recommend posting signs
8/4/04		210		2.3		247	
8/5/04		403		2.6		498	
8/6/04		127		2.1		413	
8/9/04		14		1.1		235	
8/10/04		1140		3.1		177	
8/11/04		82		1.9		146	
8/12/04		10		1.0		70	Signs can be removed
8/13/04		44		1.6		57	
8/16/04		6		0.8		48	
8/17/04		88		1.9		29	
8/18/04		320		2.5		38	
8/19/04		547		2.7		84	
8/20/04		10		1.0		62	
8/23/04		26		1.4		83	
8/24/04		2		0.3		39	
8/25/04		34		1.5		25	
8/26/04		4		0.6		9	
8/27/04		217		2.3		17	
8/30/04		123		2.1		24	
8/31/04		88		1.9		50	
9/1/04		31		1.5		49	
9/2/04		21		1.3		69	

All samples are collected and analyzed by the NE Ohio Regional Sewer District.
If the number in the geometric mean column exceeds 126, bacteria levels present a possible health risk and ODH has recommended that advisory signs be posted.
This represents the last sample result to be posted for the 2004 season.
Last Updated: 09/03/04

2003 BEACH SAMPLING RESULTS

Cuyahoga County

Beach: Villa Angela State Park *E. Coli colonies/100ml*

DATE		E.COLI		LOG		GEOMETRIC MEAN	NOTES
5/19/03		3		0.5			
5/21/03		3400		3.5			
5/22/03		187		2.3			
5/23/03		120		2.1			
5/28/03		49		1.7		102	
5/29/03		6		0.8		118	
5/30/03		136		2.1		62	
6/2/03		60		1.8		49	
6/3/03		42		1.6		40	
6/4/03		57		1.8		41	
6/5/03		193		2.3		82	
6/6/03		25		1.4		59	
6/9/03		580		2.8		92	
6/10/03		235		2.4		130	Recommend posting signs
6/11/03		76		1.9		138	
6/12/03		800		2.9		183	
6/13/03		8400		3.9		587	
6/16/03		730		2.9		614	
6/17/03		39		1.6		429	
6/18/03		331		2.5		576	
6/19/03		1020		3.0		605	
6/20/03		760		2.9		374	
6/23/03		28		1.4		195	
6/24/03		85		1.9		228	
6/25/03		470		2.7		244	
6/26/03		400		2.6		202	
6/27/03		440		2.6		181	
6/30/03		53		1.7		206	
7/1/03		48		1.7		184	
7/2/03		5380		3.7		299	
7/7/03		1400		3.1		385	
7/8/03		820		2.9		436	
7/9/03		95		2.0		490	
7/10/03		263		2.4		688	
7/11/03		1220		3.1		511	
7/14/03		46		1.7		258	

All samples are collected and analyzed by the NE Ohio Regional Sewer District. If the number in the geometric mean column exceeds 126, bacteria levels present a possible health risk and ODH has recommended that advisory signs be posted.

2003 BEACH SAMPLING RESULTS

Cuyahoga County

Beach: Villa Angela State Park

E. Coli colonies/100ml

DATE	E.COLI	LOG	GEOMETRIC MEAN	NOTES
7/15/03	61	1.8	154	
7/16/03	4400	3.6	331	
7/17/03	185	2.3	308	
7/18/03	3400	3.5	378	
7/21/03	100	2.0	442	
7/22/03	290	2.5	604	
7/23/03	227	2.4	334	
7/24/03	720	2.9	438	
7/25/03	60	1.8	195	
7/28/03	1280	3.1	325	
7/29/03	151	2.2	285	
7/30/03	147	2.2	262	
7/31/03	195	2.3	202	
8/1/03	160	2.2	245	
8/4/03	620	2.8	212	corrected
8/5/03	4460	3.6	417	
8/6/03	217	2.3	451	
8/7/03	880	2.9	610	
8/8/03	17600	4.2	1562	
8/11/03	34	1.5	874	
8/12/03	443	2.6	551	
8/13/03	713	2.9	699	
8/14/03	900	3.0	702	
8/15/03	340	2.5	319	a.m. sample
8/15/03	2500	3.4	753	p.m. sample
8/16/03	3100	3.5	1111	a.m. sample
8/16/03	2600	3.4	1439	p.m. sample
8/17/03	916	3.0	1444	a.m. sample
8/17/03	633	2.8	1635	p.m. sample
8/18/03	35	1.5	696	
8/19/03	35	1.5	284	a.m. sample
8/19/03	4	0.6	78	(p.m.) Signs can be removed
8/20/03	9	1.0	31	a.m. sample
8/20/03	53	1.7	19	p.m. sample
8/21/03	126	2.1	24	

All samples are collected and analyzed by the NE Ohio Regional Sewer District. If the number in the geometric mean column exceeds 126, bacteria levels present a possible health risk and ODH has recommended that advisory signs be posted.

2003 BEACH SAMPLING RESULTS

Cuyahoga County

Beach: Villa Angela State Park *E. Coli colonies/100ml*

DATE		E.COLI		LOG		GEOMETRIC MEAN	NOTES
8/22/03		323		2.5		38	
8/25/03		245		2.4		86	
8/26/03		2700		3.4		270	Recommend posting signs
8/27/03		243		2.4		366	
8/28/03		175		2.2		391	

All samples are collected and analyzed by the NE Ohio Regional Sewer District. If the number in the geometric mean column exceeds 126, bacteria levels present a possible health risk and ODH has recommended that advisory signs be posted.

This represents the last bacteria test result for the 2003 season. It is suggested that advisory signs remain posted through Labor Day, or until further tests result in a geometric mean equal to or less than the state standard.

Last Updated: 8/29/03

2002 BEACH SAMPLING RESULTS

Cuyahoga County

Beach: Villa Angela State Park

E. Coli colonies/100ml

DATE		E.COLI		LOG		GEOMETRIC MEAN	NOTES
5/20/02		62		1.8			
5/21/02		28		1.4			
5/22/02		13		1.1			
5/23/02		6		0.8			
5/24/02		133		2.1		28	
5/28/02		51		1.7		27	
5/29/02		27		1.4		27	
5/30/02		17		1.2		28	
5/31/02		440		2.6		67	
6/3/02		70		1.8		59	
6/4/02		94		2.0		67	
6/5/02		54		1.7		77	
6/6/02		1180		3.1		179	No recommendation issued
6/7/02		75		1.9		126	
6/10/02		35		1.5		109	
6/11/02		30		1.5		87	
6/12/02		335		2.5		125	
6/13/02		9000		4.0		188	Recommend posting signs
6/14/02		434		2.6		268	
6/17/02		104		2.0		333	
6/18/02		24		1.4		318	
6/19/02		23		1.4		186	
6/20/02		53		1.7		67	Signs can be removed
6/21/02		210		2.3		58	
6/24/02		56		1.7		51	
6/25/02		350		2.5		87	
6/26/02		78		1.9		111	
6/27/02		396		2.6		166	Recommend posting signs
6/28/02		64		1.8		131	
7/1/02		84		1.9		142	
7/2/02		47		1.7		95	Signs can be removed

All samples are collected and analyzed by the NE Ohio Regional Sewer District.

If the number in the geometric mean column exceeds 126, bacteria levels present a possible health risk and ODH has recommended that advisory signs be posted.

Cuyahoga County

Beach: Villa Angela State Park

E. Coli colonies/100ml

DATE		E.COLI		LOG		GEOMETRIC MEAN	NOTES
7/8/02		158		2.2		110	
7/9/02		2600		3.4		160	Recommend posting signs 7/16
7/10/02		5400		3.7		388	
7/11/02		207		2.3		464	
7/12/02		109		2.0		549	
7/16/02		430		2.6		671	
7/17/02		32		1.5		279	
7/18/02		2300		3.4		235	
7/19/02		360		2.6		262	
7/22/02		170		2.2		287	
7/24/02		700		2.8		316	
7/25/02		310		2.5		498	
7/29/02		833		2.9		406	
7/30/02		450		2.7		425	
7/31/02		50		1.7		333	
8/1/02		82		1.9		217	
8/2/02		290		2.5		214	
8/5/02		305		2.5		175	
8/6/02		1800		3.3		231	
8/7/02		103		2.0		267	
8/8/02		250		2.4		333	
8/9/02		24		1.4		202	
8/12/02		740		2.9		242	
8/13/02		116		2.1		140	
8/14/02		1780		3.3		247	
8/15/02		1780		3.3		366	
8/19/02		290		2.5		602	
8/20/02		520		2.7		561	
8/21/02		71		1.9		508	
8/22/02		2460		3.4		542	
8/23/02		3600		3.6		624	
8/26/02		26		1.4		385	
8/27/02		185		2.3		313	
8/28/02		410		2.6		445	
8/29/02		660		2.8		342	

All samples are collected and analyzed by the NE Ohio Regional Sewer District. If the number in the geometric mean column exceeds 126, bacteria levels present a possible health risk and ODH has recommended that advisory signs be posted.

This represents the last bacteria test result for the 2002 season. It is suggested that advisory signs remain posted through Labor Day, or until further tests result in a geometric mean equal to or less than the state standard.

Last Updated: 8/30/02