

Appendix D: Ohio EPA Sample Stations

This appendix presents a table on the following pages of the Ohio EPA sample stations in the White Oak Creek watershed. These stations were sampled by Ohio EPA personnel during the summer of 2006. The data for the table were provided by Ohio EPA and a few minor additions were made by Tetra Tech (refer to the notes at the end of the table). Notes are presented at the end of the table instead of being presented at the bottom of each page.

Additionally, in 2008, federal government agencies completed a project to redraw all hydrologic unit boundaries for Ohio according to a new coding method. This project was part of a nationwide initiative to develop a nationally consistent dataset of watershed coding numbers (the Watershed Boundary Dataset). The former coding method uses 11 digits and 14 digits, respectively, to describe larger and smaller watersheds. In the new method, 11-digit codes have been converted to 10-digit codes and 14-digit codes have been converted to 12-digit codes. In addition, to make the size of the smaller watersheds more consistent across the state, some of the small hydrologic units were combined or split. To do this, each hydrologic unit boundary was meticulously examined and redrawn, if necessary, to follow ridge lines more closely.

Near the borders of the state of Ohio, the old codes were not consistent with neighboring states. Therefore, those hydrologic units were renumbered in some cases to better line up with neighboring states' hydrologic unit codes. Many hydrologic units were also renamed to standardize naming across the state. A conversion between the former numbering system and the new numbering system is shown below because the White Oak Creek Watershed Action Plan was written according to the 11- and 14-digit scale, but the TMDL was written according to the 10- and 12-digit scale. This table should aid in conversion where necessary.

HUC 11/14	Name	HUC 10/12	Name
05090201 090	White Oak Creek (headwaters to below East Fork)	05090201 09	Headwaters White Oak Creek
05090201 090 010	East Fork White Oak Creek	05090201 09 01	Headwaters East Fork White Oak Creek
05090201 090 010	East Fork White Oak Creek	05090201 09 02	Slabcamp Run-East Fork White Oak Creek
05090201 090 020	North Fork White Oak Creek to below L. North Fk.	05090201 09 03	Little North Fork-North Fork White Oak Creek
05090201 090 030	North Fork White Oak Cr. below L. North Fk. to above East Fk.	05090201 09 04	Flat Run-North Fork White Oak Creek
05090201 100	White Oak Creek (below East Fork to Ohio River)	05090201 10	Sterling Run-White Oak Creek
05090201 100 010	Sterling Run	05090201 10 01	Sterling Run
05090201 100 020	White Oak Creek below East Fk. to Georgetown [except Sterling Run]	05090201 10 02	Miranda Run-White Oak Creek
05090201 100 030	White Oak Creek below Georgetown to Ohio R.	05090201 10 03	Big Run-White Oak Creek

Note: White Oak Creek is also referred to as Whiteoak Creek in some locations.

Stream name	River mile	Station ID	Station name	Drainage area (mi ²)	Latitude	Longitude
Bells Run	1.97	X02K32	BELLS RUN @ TR 142A ^a	4.0	39.0354	-83.7843
Browns Run	0.10	X02K29	BROWNS RUN @ STEPHAN RD	3.9	38.9968	-83.8541
East Fork White Oak Creek	3.30	X02W11	E FK WHITE OAK CK ADJ SR 74 DST SARDINIA	70.0	39.0086	-83.8319
East Fork White Oak Creek	5.81	X02W10	E FK WHITE OAK CK @ MOWRYSTOWN RD AT SARDINIA	25.0	39.0153	-83.7953
East Fork White Oak Creek	10.48	X02K35	E FK WHITE OAK CK @ MOWRYSTOWN DIEHL PARK UPST DAM	39.0	39.0778	-83.7386
East Fork White Oak Creek		X02K35 ^b	E FK WHITE OAK CK @ MOWRYSTOWN DIEHL PARK DST DAM		39.0778	-83.7386
East Fork White Oak Creek	16.50	X02K41	E FK WHITE OAK CK ADJ ROBINSON RD, DST SORG RD AND TRIB	12.7	39.0972	-83.7080
East Fork White Oak Creek	18.69	X02K42	E FK WHITE OAK CK @ LENINGER-HAIGH RD (CR 72)	6.7	39.1178	-83.6885
Flat Run	0.15	X02K20	FLAT RUN @ TRI-COUNTY HWY	12.3	39.0166	-83.8681
Flat Run	3.39	X02K21	FLAT RUN @ SR 134	7.4	39.0385	-83.8303
Flat Run	4.80	X02K22	FLAT RUN @ KELCH RD ^c	3.9	39.0486	-83.8124
Little North Fork White Oak Creek	0.28	X02K23	LITTLE N FK WHITE OAK CK @ ROSSELOTT RD	13.8	39.0963	-83.8424
Little North Fork White Oak Creek	2.94	X02K24	LITTLE N FK WHITE OAK CK @ SR 131	7.3	39.1312	-83.8440
Little North Fork White Oak Creek	5.06	X02K25	LITTLE N FK WHITE OAK CK @ SR 134	3.6	39.1594	-83.8419
Miranda Run	0.69	X02K09	MIRANDA RUN DST SMOKY ROW RD DST TRIB	5.8	38.9343	-83.9236
North Fork White Oak Creek	1.48	300057	N FK WHITE OAK CK @ CR 24B (TRI-COUNTY HWY) ^d	53.6	39.0162	-83.8710
North Fork White Oak Creek	6.98	X02S01	N FK WHITE OAK CK @ SICILY RD NR BUFORD	46.0	39.0646	-83.8499
North Fork White Oak Creek	15.36	X02K26	N FK WHITE OAK CK DST SR 131 AND DST BARR RUN	12.0	39.1421	-83.8049
North Fork White Oak Creek	18.10	X02K27	N FK WHITE OAK CK @ DAWSON RD	7.2	39.1657	-83.7810
North Fork White Oak Creek	19.67	X02K28	N FK WHITE OAK CK @ COCHRAN RD	4.4	39.1708	-83.7583
Plum Run	0.32	X02K33	PLUM RUN @ FENWICK RD ^e	6.3	39.0349	-83.7403
Plum Run	0.95	X02K34	PLUM RUN @ WILDCAT RD ^f	4.2	39.0388	-83.7308
Slabcamp Run	1.13	X02W12	SLABCAMP RUN @ PURDY RD UPST SARDINIA WWTP	7.8	39.0038	-83.8085
Slabcamp Run	1.93	X02K31	SLABCAMP RUN @ FITE HAUCK RD	3.3	38.9908	-83.7848
Snapping Turtle Run	0.20	X02W08	SNAPPING TURTLE RUN DST MOUNT ORAB WWTP	1.4	38.9922	-83.9261
Snapping Turtle Run	0.50	X02W07	SNAPPING TURTLE RUN UPST MOUNT ORAB WWTP	1.3	38.9922	-83.9222

Stream name	River mile	Station ID	Station name	Drainage area (mi ²)	Latitude	Longitude
Sterling Run	0.59	X02W06	STERLING RUN @ STERLING RD SOUTHERN FORD, S OF MOUNT ORAB	29.7	38.9652	-83.9184
Sterling Run	3.08	X02K13	STERLING RUN @ SR 774 DST LAKE GRANT	26.3	38.9962	-83.9290
Sterling Run	6.47	X02K14	STERLING RUN @ MT ORAB WATER INTAKE	19.1 ⁹	39.0343	-83.9204
Sterling Run	6.74	X02W05	STERLING RUN @ US RT 68 UPST MOUNT ORAB	11.8	39.0387	-83.9199
Sterling Run	9.65	X02K17	STERLING RUN @ GREENBUSH EAST RD	6.1	39.0693	-83.8973
Sterling Run	11.35	X02K18	STERLING RUN @ MOON RD	3.4	39.0923	-83.8914
Town Run	0.63	X02W04	TOWN RUN DST GEORGETOWN WWTP	1.4	38.8514	-83.9125
Town Run	0.90	X02S05	TOWN RUN JUST UPST GEORGETOWN WWTP	1.3	38.8525	-83.9083
Tributary to East fork White Oak Creek at RM 12.38	2.42	X02K37	TRIB TO E FK WHITE OAK CK (12.38) @ RIDGE RD	3.4	39.0761	-83.7075
Tributary to East Fork White Oak Creek at RM 14.35	0.01	X02K38	TRIB TO E FK WHITE OAK CK (14.35) @ MOUTH UPST EDWARDS RD	3.2	39.0791	-83.7378
Tributary to East Fork White Oak Creek at RM 15.52	0.26	X02K39	TRIB TO E FK WHITE OAK CK (15.52) @ ROBINSON RD	7.1	39.0935	-83.7207
Tributary to East Fork White Oak Creek at RM 15.52	2.10	X02K40	TRIB TO E FK WHITE OAK CK (15.52) @ NEW MARKET RD	4.6	39.1168	-83.7315
Tributary to Sterling Run at RM 6.68	0.68	X02K15	TRIB TO STERLING RUN (6.68) @ BARDWELL WEST RD	6.9	39.0470	-83.9247
Tributary to Sterling Run at RM 6.68	2.41	X02K16	TRIB TO STERLING RUN (6.68) @ WAITS RD UPST TRIB AT RM 2.40	3.7	39.0661	-83.9271
Tributary to Walnut Creek at RM 1.20	0.19	X02K06	TRIB TO WALNUT CK (1.20) @ SUNSHINE RD	0.2	38.9022	-83.9080
Walnut Creek	0.57	X02K05	WALNUT CK @ SUNSHINE RD (ADDRESS 4241) DST TRIB	1.4	38.9047	-83.9169
Walnut Creek	1.40	X02K07	WALNUT CK ADJ SUNSHINE RD DST RUMPKE GEORGETOWN LANDFILL	0.4	38.9021	-83.9046

Stream name	River mile	Station ID	Station name	Drainage area (mi ²)	Latitude	Longitude
White Oak Creek	2.20	X02K02	WHITE OAK CK ADJ SR 221 (ACCESS FROM DOCK AT 6087 SR 221)	232	38.8059	-83.9573
White Oak Creek	7.54	609110	WHITE OAK CK ADJ SR 221 DST GEORGETOWN WTP DAM	222	38.8448	-83.9213
White Oak Creek	12.40	X02K04	WHITE OAK CK @ END OF MILLER RING RD	213	38.8952	-83.9226
White Oak Creek	16.60	X02K10	WHITE OAK CK @ MCCALL RD	190	38.9261	-83.9254
White Oak Creek	20.65	X02K11	WHITE OAK CK @ BETHEL NEW HOPE RD	188	38.9594	-83.9157
White Oak Creek	27.50	X02K19	WHITE OAK CK @ NEW HOPE WHITE OAK STATION RD	150	38.9901	-83.8896

^a Winkle Road

^b Ohio EPA did not report this sample location as a second station, but Tetra Tech treated it as such.

^c Gravel lane off Gath Road

^d Mount Orab-Sardinia Road

^e Stivers Road

^f Rober Cem Road

^g Tetra Tech used StreamStats to estimate drainage area