# 401425083212500 Mill Creek at McCarthy Park, OH

Scioto Basin
Upper Scioto Subbasin

LOCATION.--Lat 40°14′25″, long 83°21′25″ referenced to North American Datum of 1983, Union County, OH, Hydrologic Unit 05060001.

## WATER-QUALITY RECORDS

PERIOD OF RECORD.--December of 2005 to October of 2006

REMARKS.--The water quality samples described in the following table were collected and analyzed as part of a study on emerging contaminants in the Scioto River Basin, central Ohio. The objective of the study is to characterize the occurrence and concentrations of wastewater compounds at the selected sites.

For this station on Aug. 23, 2006 in the 2006 water data report, the remark code for the DEET (62082) result has been changed to V (analyte was detected in both the environmental sample and the associated blank).

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**
Part 1 of 6
[Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

| Date | Time | Instantaneous discharge, cfs (00061) | Barometric pressure, mm Hg (00025) | Dissolved oxygen, mg/L (00300) | pH, water, unfltrd field, std units (00400) | Specific conductance, wat unf µS/cm 25 degC (00095) | Temperature, air, deg C (00020) | Temperature, water, deg C (00010) | 1,4-Dichlorobenzene water, fltrd, µg/L (34572) | 1-Methylnaphthalene, water, fltrd, µg/L (62054) | 2,6-Dimethylnaphthalene, water, fltrd, µg/L (62055) | 2-Methylnaphthalene, water, fltrd, µg/L (62056) | 3-beta-Coprostanol, water, fltrd, µg/L (62057) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Oct | | | | | | | | | | | | | |
| 19... | 1015 | 126 | 733 | 8.7 | 7.8 | 498 | 13.2 | 14.0 | <.1 | <.1 | <.2 | <.1 | <2 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**
Part 2 of 6
[Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

| Date | 3-Methyl-1H-indole, water, fltrd, µg/L (62058) | 3-tert-Butyl-4-hydroxyanisole wat flt µg/L (62059) | 4-Cumylphenol, water, fltrd, µg/L (62060) | 4-Octylphenol, water, fltrd, µg/L (62061) | 4-Nonylphenol, all isomers wat flt µg/L (62085) | 4-Nonylphenol diethoxylate, wat flt µg/L (62083) | 4-Octylphenol diethoxylate, wat flt µg/L (61705) | 4-Octylphenol monoethoxylate, wat flt µg/L (61706) | 4-tert-Octylphenol, water, fltrd, µg/L (62062) | 5-Methyl-1H-benzotriazole, wat flt µg/L (62063) | 9,10-Anthraquinone water, fltrd, µg/L (62066) | Acetophenone water, fltrd, µg/L (62064) | AHTN, water, fltrd, µg/L (62065) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Oct | | | | | | | | | | | | | |
| 19... | <.08 | <.6 | <.14 | <.16 | <2 | <5 | M | <1 | <.10 | <2 | <.2 | <.1 | <.5 |

**401425083212500 Mill Creek at McCarthy Park, OH—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**
Part 3 of 6
[Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

| Date | Anthracene, water, fltrd, µg/L (34221) | Benzo-[a]-pyrene, water, fltrd, µg/L (34248) | Benzophenone water, fltrd, µg/L (62067) | beta-Sitosterol, water, fltrd, µg/L (62068) | beta-Stigmastanol, water, fltrd, µg/L (62086) | Bromacil, water, fltrd, µg/L (04029) | Caffeine, water, fltrd, µg/L (50305) | Camphor water, fltrd, µg/L (62070) | Carbaryl, water, fltrd 0.7u GF µg/L (82680) | Carbazole, water, fltrd, µg/L (62071) | Chlorpyrifos water, fltrd, µg/L (38933) | Cholesterol, water, fltrd, µg/L (62072) | Cotinine, water, fltrd, µg/L (62005) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Oct** | | | | | | | | | | | | | |
| **19...** | <.1 | <.1 | <.2 | M | <2 | <.4 | M | M | <1 | <.1 | <.2 | <1 | <.400 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**
Part 4 of 6
[Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

| Date | DEET, water, fltrd, µg/L (62082) | Diazinon, water, fltrd, µg/L (39572) | D-Limonene, water, fltrd, µg/L (62073) | Fluoranthene water, fltrd, µg/L (34377) | HHCB, water, fltrd, µg/L (62075) | Indole, water, fltrd, µg/L (62076) | Isoborneol, water, fltrd, µg/L (62077) | Isophorone water, fltrd, µg/L (34409) | Isopropylbenzene water, fltrd, µg/L (62078) | Isoquinoline, water, fltrd, µg/L (62079) | Menthol water, fltrd, µg/L (62080) | Metalaxyl, water, fltrd, µg/L (50359) | Methyl salicylate, water, fltrd, µg/L (62081) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Oct** | | | | | | | | | | | | | |
| **19...** | E.1 | <.2 | <.1 | M | <.5 | <.1 | <.1 | M | <.1 | <.4 | <.2 | <.2 | <.2 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**
Part 5 of 6
[Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

| Date | Metolachlor, water, fltrd, µg/L (39415) | Naphthalene, water, fltrd, µg/L (34443) | p-Cresol, water, fltrd, µg/L (62084) | Phenanthrene, water, fltrd, µg/L (34462) | Phenol, water, fltrd, µg/L (34466) | Prometon, water, fltrd, µg/L (04037) | Pyrene, water, fltrd, µg/L (34470) | Tetrachloroethene, water, fltrd, µg/L (34476) | Tribromomethane water, fltrd, µg/L (34288) | Tributyl phosphate, water, fltrd, µg/L (62089) | Triclosan, water, fltrd, µg/L (62090) | Triethyl citrate water, fltrd, µg/L (62091) | Triphenyl phosphate, water, fltrd, µg/L (62092) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Oct** | | | | | | | | | | | | | |
| **19...** | E.1 | <.1 | <.18 | <.1 | <.4 | <.4 | <.1 | <.2 | <.1 | <.2 | M | <.4 | <.2 |

**401425083212500 Mill Creek at McCarthy Park, OH—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2006 TO**
**SEPTEMBER 2007**

Part 6 of 6

[Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

| Date | Tris(2-butoxy-ethyl) phos-phate, wat flt µg/L (62093) | Tris(2-chloro-ethyl) phos-phate, wat flt µg/L (62087) | Tris(di chloro-i-Pr) phos-phate, wat flt µg/L (62088) |
|---|---|---|---|
| **Oct** | | | |
| **19...** | <.5 | <.2 | <.2 |