

1819 # 14424

Stream & Location: Cuyahoga Boston Mills Rd

RM: 26.5 Date: 8/2/17

STORET #: F01A58

Scorer Name & Affiliation: Phillips

River Code: Lat./ Long.: (NAD 83 - decimal °)

Office verified location

1) SUBSTRATE Check ONLY Two substrate TYPE BOXES; estimate % or note every type present

Check ONE (Or 2 & average)

Substrate form with categories: BEST TYPES, OTHER TYPES, ORIGIN. Includes checkboxes for BLDR/SLABS, BOULDER, COBBLE, GRAVEL, SAND, BEDROCK, etc.

Substrate Quality form with categories: QUALITY, SILT, EMBEDDEDNESS. Includes checkboxes for HEAVY, MODERATE, NORMAL, FREE, EXTENSIVE, etc.

NUMBER OF BEST TYPES: 4 or more [2] sludge from point-sources) 3 or less [0] Comments: gravel upst bedrock dot

Substrate Maximum 20 14

2) INSTREAM COVER Indicate presence 0 to 3: 0-Absent; 1-Very small amounts or if more common of marginal quality; 2-Moderate amounts, but not of highest quality or in small amounts of highest quality; 3-Highest quality in moderate or greater amounts (e.g., very large boulders in deep or fast water, large diameter log that is stable, well developed rootwad in deep / fast water, or deep, well-defined, functional pools.

Check ONE (Or 2 & average)

Instream Cover form with categories: UNDERCUT BANKS, OVERHANGING VEGETATION, SHALLOWS, ROOTMATS, POOLS > 70cm, ROOTWADS, BOULDERS, OXBOWS, BACKWATERS, AQUATIC MACROPHYTES, LOGS OR WOODY DEBRIS.

Instream Cover Amount form with categories: EXTENSIVE >75%, MODERATE 25-75%, SPARSE 5-<25%, NEARLY ABSENT <5%.

Comments: mostly in form of substrate + pools too deep to check & lecturny in center of stream

Cover Maximum 20 11

3) CHANNEL MORPHOLOGY Check ONE in each category (Or 2 & average)

Channel Morphology form with categories: SINUOSITY, DEVELOPMENT, CHANNELIZATION, STABILITY. Includes checkboxes for HIGH, MODERATE, LOW, EXCELLENT, GOOD, FAIR, POOR, NONE, RECOVERED, etc.

Channel Maximum 20 17

4) BANK EROSION AND RIPARIAN ZONE Check ONE in each category for EACH BANK (Or 2 per bank & average)

River right looking downstream

Bank Erosion and Riparian Zone form with categories: EROSION, RIPARIAN WIDTH, FLOOD PLAIN QUALITY, CONSERVATION TILLAGE, URBAN OR INDUSTRIAL, MINING / CONSTRUCTION.

Comments: extensively stabilized upst RR. Riparian Maximum 10 7.25

5) POOL / GLIDE AND RIFFLE / RUN QUALITY

Pool / Glide and Riffle / Run Quality form with categories: MAXIMUM DEPTH, CHANNEL WIDTH, CURRENT VELOCITY. Includes checkboxes for > 1m, POOL WIDTH > RIFFLE WIDTH, TORRENTIAL, SLOW, VERY FAST, etc.

Pool / Current Maximum 12 12

Indicate for functional riffles; Best areas must be large enough to support a population of riffle-obligate species: Check ONE (Or 2 & average). NO RIFFLE [metric=0]

Riffle / Run Embeddedness form with categories: RIFFLE DEPTH, RUN DEPTH, RIFFLE / RUN SUBSTRATE, RIFFLE / RUN EMBEDDEDNESS. Includes checkboxes for BEST AREAS > 10cm, MAXIMUM > 50cm, STABLE, MOD. STABLE, UNSTABLE, NONE, LOW, MODERATE, EXTENSIVE.

Riffle Run Maximum 8 6.5

6) GRADIENT 8.2 ft/mi DRAINAGE AREA mi^2 %POOL: %GLIDE: %RUN: %RIFFLE: Gradient Maximum 10 10



**METHOD**

- BOAT
- WADE
- L. LINE
- OTHER

**SECCHI DEPTH**

1st pass \_\_\_\_\_ cm  
 2nd pass \_\_\_\_\_ cm

**DISTANCE**

- 0.5 Km
- 0.2 Km
- 0.15 Km
- 0.12 Km
- OTHER

**CANOPY**

- > 85% - OPEN
- 55% - < 85%
- 30% - < 55%
- 10% - < 30%
- < 10% - CLOSED

meters

Comment RE: Reach consistency/Is reach typical of stream?, Recreation/ Observed - Inferred, Other/ Sampling observations, Concerns, Access directions, etc.  
 LOCAL ZONE IN BETWEEN TWO IMPOSSIBLE NETS. LOTS OF LOGS SM 15+ HOG STEELERS  
 CROSS NOT AS EXISTING IN 1957 GOOD D/C OF 21 FT.  
 MIDDLE + LOWER REACHS OF RIVER WOULD BE DIFFICULT TO MONITOR. HARD TO MONITOR  
 WOULD THIS IN OUR ASSIST. REACH

**Stream Drawing:**

Same as  
 boundary of

Consider maintenance status and basin issues. Write something to aide understanding of overall QHEI score.