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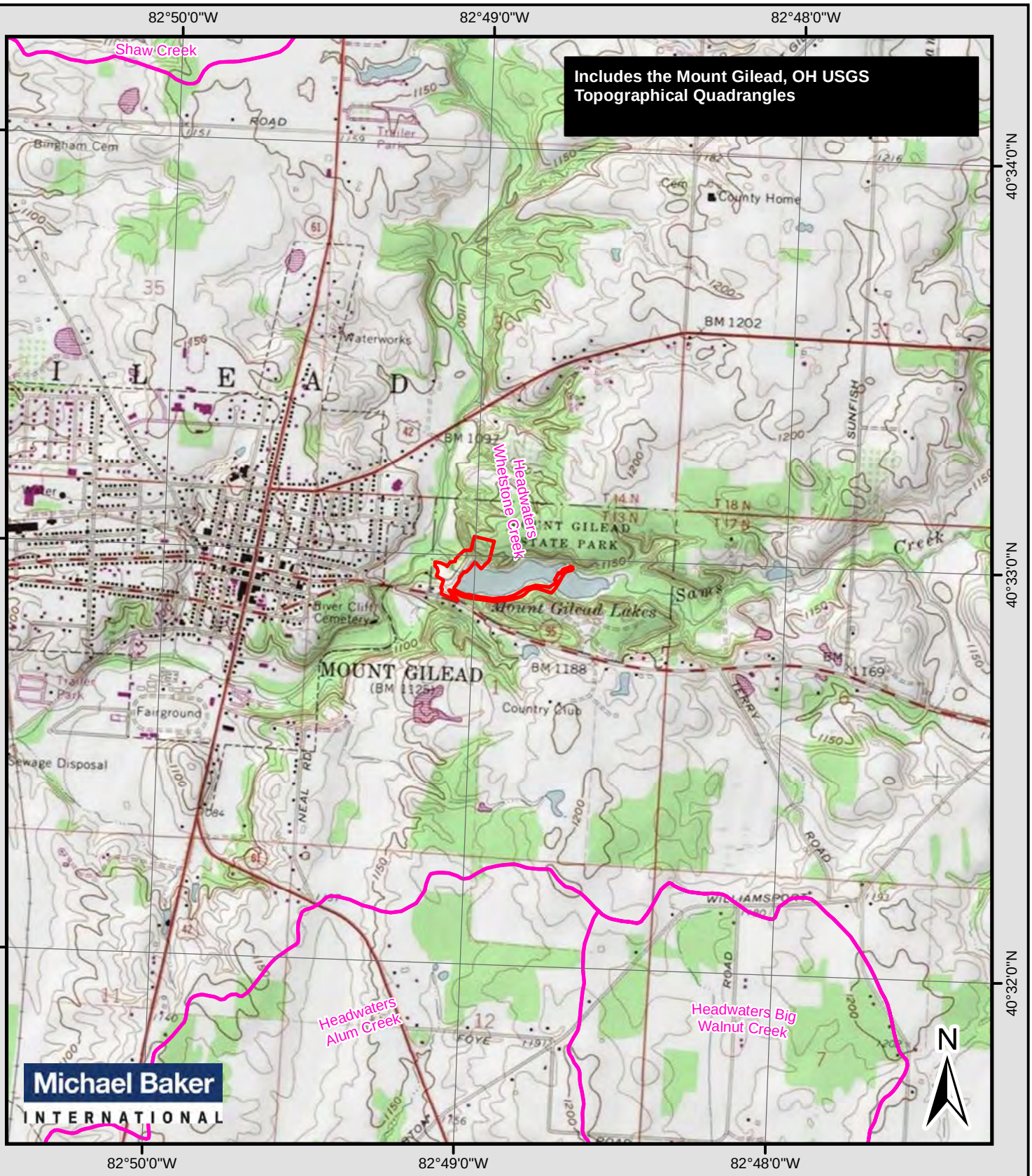



# Exhibit 1: Project Location Map

**Legend**

- LOD
- HUC 12 Watershed

0 500 1,000 2,000 3,000 4,000
Feet

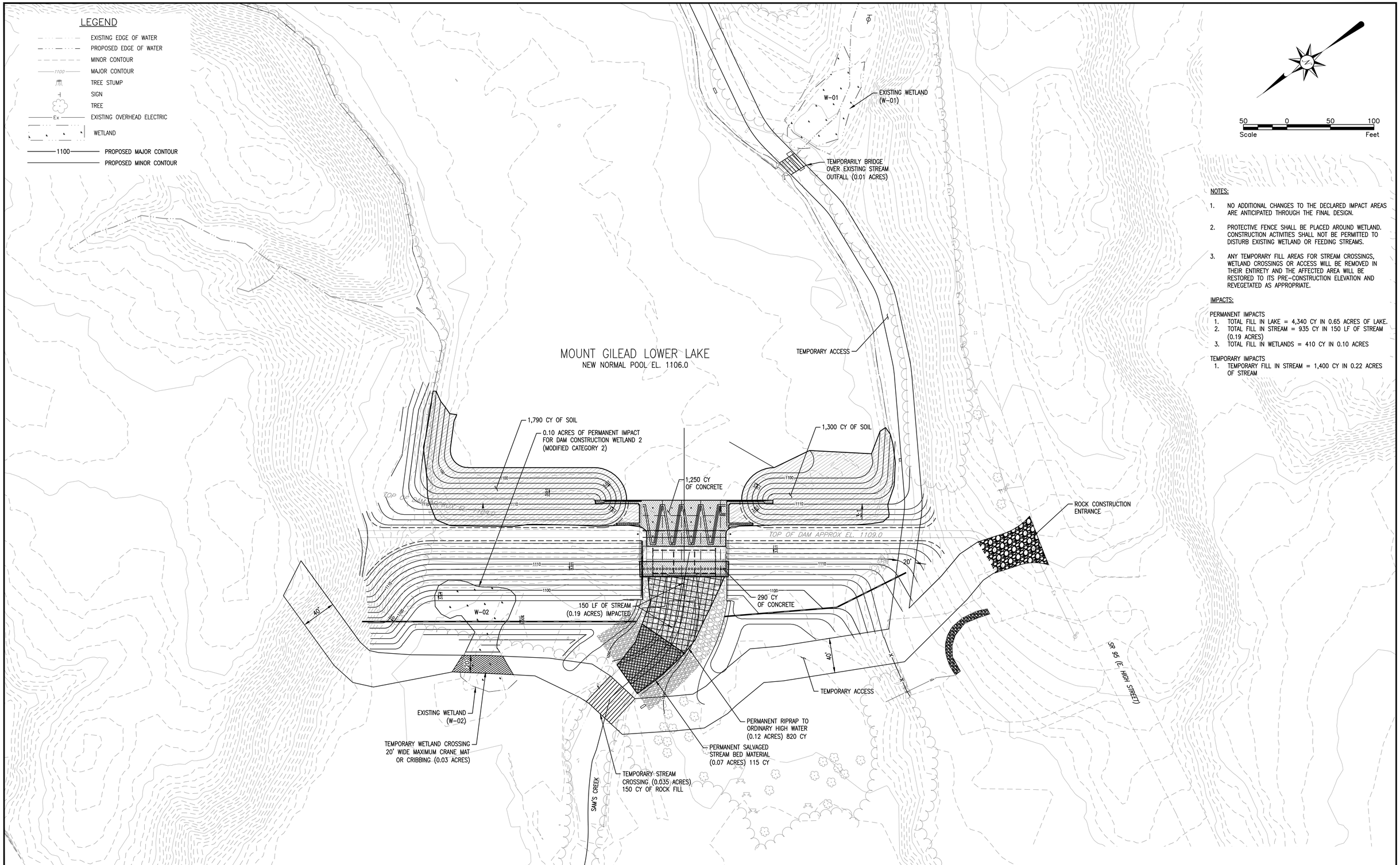
## Mt. Gilead Dam Restoration

Gilead Township
Morrow County, OH

Latitude: 40.548395N
Longitude: -82.817296 W

*prepared for*

**Ohio Department of Natural Resources**




NOTES:

1. NO ADDITIONAL CHANGES TO THE DECLARED IMPACT AREAS ARE ANTICIPATED THROUGH THE FINAL DESIGN.
2. PROTECTIVE FENCE SHALL BE PLACED AROUND WETLAND. CONSTRUCTION ACTIVITIES SHALL NOT BE PERMITTED TO DISTURB EXISTING WETLAND OR FEEDING STREAMS.
3. ANY TEMPORARY FILL AREAS FOR STREAM CROSSINGS, WETLAND CROSSINGS OR ACCESS WILL BE REMOVED IN THEIR ENTIRETY AND THE AFFECTED AREA WILL BE RESTORED TO ITS PRE-CONSTRUCTION ELEVATION AND REVEGETATED AS APPROPRIATE.

IMPACTS:

PERMANENT IMPACTS
1. TOTAL FILL IN LAKE = 4,340 CY IN 0.65 ACRES OF LAKE.
2. TOTAL FILL IN STREAM = 935 CY IN 150 LF OF STREAM (0.19 ACRES)
3. TOTAL FILL IN WETLANDS = 410 CY IN 0.10 ACRES

TEMPORARY IMPACTS
1. TEMPORARY FILL IN STREAM = 1,400 CY IN 0.22 ACRES OF STREAM

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4100 Horizons Drive
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Columbus, OH 43220

ENGINEERING
Ohio Department of Natural Resources

MT. GILEAD STATE PARK
UPPER & LOWER DAM IMPROVEMENTS
MORROW COUNTY, OHIO

| | | | |
|---|---|---|---|
| DESIGNED BY: JLK | | JOB NUMBER: DNR-140035 | |
| DRAWN BY: GEC/EKR | | SCALE: AS SHOWN | |
| CHECKED BY: SJK | | DATE: 07/29/2015 | |
| APPROVED BY: BTA | | REVISED: | |

TEMPORARY AND PERMANENT IMPACTS TO WATERS OF THE U.S. - LOWER DAM

MOUNT GILEAD UPPER LAKE
NEW NORMAL POOL EL. 1100.0

NEW TOP OF DAM ELEVATION 1114.6

EXISTING 24" CIP LAKE DRAIN

ROCK CONSTRUCTION ENTRANCE

TEMPORARY ACCESS

TEMPORARY LAKE DRAIN EXTENSION (24"ø DUCTILE IRON PIPE) 50 LF

TEMPORARY OUTLET PROTECTION WITH TYPE A RIPRAP < 0.01 ACRE

TEMPORARY IMPACT TO LAKE BED FOR TEMPORARY ACCESS (0.11 ACRES) (APPROXIMATELY 355 CY OF ROCK MAY BE USED TO STABILIZE THE ACCESS, IF NEEDED.)

PARK ACCESS ROAD

MOUNT GILEAD LOWER LAKE
NEW NORMAL POOL EL. 1106.0

ROCK CONSTRUCTION ENTRANCE

FOR CONTINUATION SEE SHEET 24

50 0 50 100
Scale Feet

NOTES:

1. NO ADDITIONAL CHANGES TO THE DECLARED IMPACT AREAS ARE ANTICIPATED THROUGH FINAL DESIGN.
2. ANY TEMPORARY FILL AREAS FOR LAKE CROSSINGS, OR ACCESS WILL BE REMOVED IN THEIR ENTIRETY AND THE AFFECTED AREA WILL BE RESTORED TO ITS PRE-CONSTRUCTION ELEVATION AND REVEGETATED AS APPROPRIATE.

IMPACTS:

TEMPORARY IMPACTS

1. TEMPORARY ACCESS/FILL IN EXISTING LAKEBED (0.11 ACRES)(APPROXIMATELY 355 CY OF ROCK MAY BE USED TO STABILIZE THE ACCESS, IF NEEDED.)
2. TEMPORARY PIPE EXTENSION (50 LF)

LEGEND

- PROPOSED EDGE OF WATER
- EXISTING MINOR CONTOUR
- 760 EXISTING MAJOR CONTOUR
- EXISTING TREELINE
- 1110 PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- UTILITY POLE
- ROCK CONSTRUCTION ENTRANCE
- TREE
- SbC / Sk SOIL TYPE
- SOIL DELINEATION

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TEMPORARY IMPACTS
TO WATERS OF THE U.S. - UPPER DAM