

Rough River Lake Flowage Easement Resolution Boundary Exhibit

Purpose of Exhibit

The purpose of the exhibit is to obtain TRUE locations, based on a State Plane Coordinate System, of the boundary lines, structures and improvements of the property involved. This information will then be used in conjunction with existing topographic survey data to determine the location and area of the easement to be released or partially released, depending on the "Scenario" that applies to the property per the Rough River Lake Encroachment Resolution Plan.

Exhibit Requirements

- 1) Exhibit to be prepared by a Kentucky Professional Licensed Surveyor (signed and stamped)
- 2) Show a scaled depiction of the boundary lines of the subject property
- 3) Show the boundary lines annotated with:
 - a) Bearings – to the second (N 0°00'00" E)
 - b) Distances – to the nearest hundredth (000.00')
- 4) Show location of habitable structure(s) and top of septic tank(s) on subject property
- 5) For Scenario "B" and "C" properties, show dimensions of the habitable structure(s) to the nearest tenth
- 6) At least four (4) dimensional ties from habitable structure(s) perpendicular to the boundary lines
- 7) Lowest "habitable" floor elevation based on COE Vertical Datum (see Elevation Note below)
- 8) A **surveyed** State Plane Coordinate (preferably Kentucky South Zone (1602(NAD83)) – to the nearest thousandth) on all boundary corners; no new corner monuments are required to be set; coordinates **not** to be scaled- off using imaging software (Google Earth, ARCGIS, etc.)
- 9) Show north arrow
- 10) Show date of field work
- 11) Show ownership information
 - a) Owners' name and address
 - b) Deed Book/Page
 - c) Subdivision name, lot number, and plat cabinet and slide (if applicable)
 - d) Property ID number

Elevation Note

The existing topographic survey data is based on Rough River Lake Control Monument "CM-1" (attached data sheet). This monument uses the Corps of Engineers (COE) datum. The COE vertical datum differs from the NAVD88 datum commonly used today.

"CM-1" Elevation = 554.89' (COE Datum)

"CM-1" Elevation = 554.46' (NAVD88)

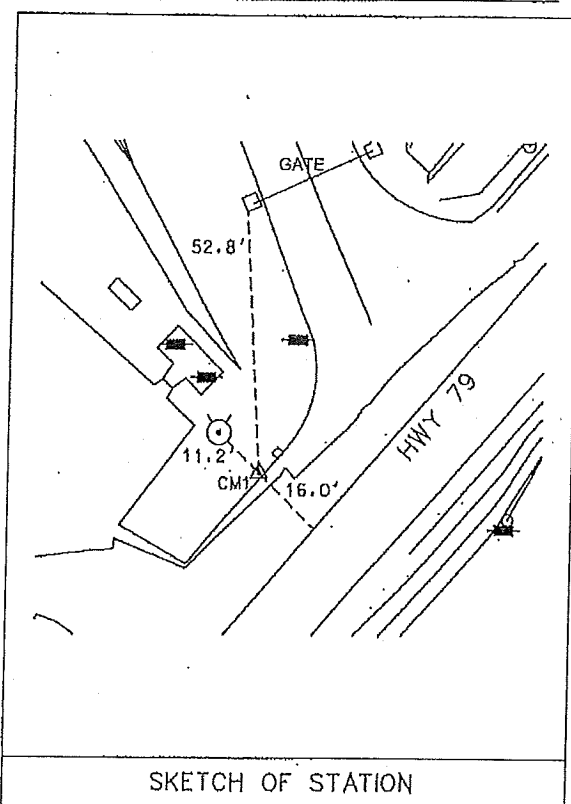
ROUGH RIVER DAM
Breckinridge/Grayson Co., KY

PROJECT: Rough River Dam

DATE: August 2013

ED-T-TC\Surveys

STATION	CM-1
GEOGRAPHIC COORDINATES (NAD83-CORS96)	
LATITUDE	37° 37' 04.43582" N
LONGITUDE	86° 30' 10.96409" W
KY SOUTH STATE PLANE COORDINATES (NAD83)	
NORTHING	2108986.538 (US FT)
EASTING	1422306.761 (US FT)
ELEVATION	554.89 (COE DATUM) 554.46 (NAVD88)
CONV. \angle	0° 27' 24.09768"
COMB. FACTOR	0.999936028



LOCATION: CM-1 is located on the left side of the dam (looking down stream) on the down stream side of Falls of the Rough Road (HWY 79) near the entrance to the road leading to the spillway.

DESCRIPTION: The station is a COE Disk set in concrete and stamped "CM1"

REFERENCES:

- 16.0' NW of the CL of Falls of the Rough Road (HWY 79)
- 11.2' SE of a hydrant
- 52.8' SW of a gate post

DATE (FOUND)
AUGUST 2013