

## Detailed Information for Dam Kenu Lake

|              |       |               |       |
|--------------|-------|---------------|-------|
| Seq No       | 987   | Field File No | 63.38 |
| Size         | SMALL | NID           | 1096  |
| Popular Name |       | Former Name   |       |

### Location

|                |              |           |            |
|----------------|--------------|-----------|------------|
| County         | Vilas        | Longitude | -89.314646 |
| Latitude       | 46.139612    |           |            |
| Permitted PLSS | NWNE1242N09E |           |            |

### Owners

|      |         |      |                             |
|------|---------|------|-----------------------------|
| Type | Private | Name | Kenu Lake Family Foundation |
|------|---------|------|-----------------------------|

### Waterbody

|                                   |                  |                       |           |
|-----------------------------------|------------------|-----------------------|-----------|
| Drainage Basin (sq mi)            | 0.60             |                       |           |
| <b>Stream</b>                     |                  | <b>Impoundment</b>    |           |
| Local Name                        | OUTLET KENU LAKE | Local Name            | KENU LAKE |
| Row and Official Name             |                  | Row and Official Name |           |
| Navigable?                        | non-navigable    | Size (acres)          | 73.00     |
| When was navigability determined? | 2002             | Maximum Depth (ft)    | 13.00     |

### Regulation

|                                |                |                         |                    |
|--------------------------------|----------------|-------------------------|--------------------|
| Regulatory Authority           | Wisconsin      | Legal Status            | Authorized (31.04) |
| Physical Status                | On Landscape   | Hazard Rating           | Low                |
| Operational Status             | Not Applicable | Low Head Dam Assessment | Not Evaluated      |
| <b>Compliance Status</b>       |                |                         |                    |
| Ch. 31.19 Owner Inspection     | Not Applicable | Ch 31.19 DNR Inspection | Not Applicable     |
| NR 333 Standards               | Not Required   |                         |                    |
| <b>NR 333 Compliance Items</b> |                |                         |                    |
| EAP NR 333 Year                |                | IOM NR 333 Year         |                    |
| Capacity NR 333 Year           |                | Stability NR 333 Year   |                    |
| D/S NR 333 Year                |                |                         |                    |

### Construction Characteristics

|                                             |                |                                            |            |
|---------------------------------------------|----------------|--------------------------------------------|------------|
| Normal Storage (acre-ft)                    | 150.00         | Max Storage (acre-ft)                      | 260.00     |
| Structural Height (ft)                      | 4.00           | Hydraulic Height (ft)                      | 5.00       |
| Crest Length (ft)                           | 150.00         | Spillway Type                              | Controlled |
| Discharge Through Principal Spillway (cfs)  | 630.00         | Width/Diameter of Principal Spillway (ft)  | 6.00       |
| Total Discharge Through All Spillways (cfs) | 630.00         | Total Width/Diameter of All Spillways (ft) |            |
| Core Type                                   | None           | Core Position                              | None       |
| Power Output (mW)                           |                |                                            |            |
| Foundation Type                             | None           | Foundation Certainty                       |            |
| Structural Types                            | Gravity, Earth |                                            |            |
| Structure Purposes                          | Recreation     |                                            |            |

## Detailed Information for Dam Kenu Lake

### Geomarks

| Mark Seq No | Old Mark Id | Elevation | Datum | Status              | Status Date | Location Description                                                                                                                                      |
|-------------|-------------|-----------|-------|---------------------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| 14506       | 1007-A      | 106       | Local | Verified (Surveyed) | 8/5/1954    | BM 1007-A: A 6 FT. ANGLE IRON DRIVEN IN THE GROUND AND LOCATED 76.7 FT. NW OF THE NW WINGWALL OF DAM AND BRIDGE AND 75.2 FT. N OF THE W END OF SLUICeway. |
| 14507       | 1007-C      | 101.35    | Local | Verified (Surveyed) | 8/16/1962   | BM 1007-C: A SQUARE CHISELED IN THE LEFT UPSTREAM CORNER OF THE MOST NORTHERLY OF THREE CONCRETE DROP INLETS LOCATED DIRECTLY BELOW THE UPPER DAM.        |
| 14508       | 1007-D      | 103.4     | Local | Verified (Surveyed) | 8/16/1962   | BM 1007-D: A SQUARE CHISELED ON THE MIDDLE OF THE UPSTREAM SIDE OF THE LOWER DAM.                                                                         |

### Water Levels

|         | Normal              | Winter          |
|---------|---------------------|-----------------|
| Minimum | 99 ft Datum: Local  | Not established |
| Normal  | Not established     | Not established |
| Maximum | 101 ft Datum: Local | Not established |

### Construction History

First Dam at Site 1954

| Designer | Construction Firm | Completed (year) |
|----------|-------------------|------------------|
|          |                   | 1954             |

### Outlet Gates

No data found.

### Inspection History

| Inspection Date | Inspection Report Date | Inspection Type                                                       |
|-----------------|------------------------|-----------------------------------------------------------------------|
| 7/16/2010       | 7/20/2010              | Blitz Inspection                                                      |
| 7/31/2001       |                        | Informal Inspection to check on status or progress on work directives |
| 7/15/1981       |                        | General Dam Inspection (Usually prior to 1986)                        |
| 7/15/1968       | 9/24/1968              | General Dam Inspection (Usually prior to 1986)                        |
| 8/16/1962       | 8/31/1962              | General Dam Inspection (Usually prior to 1986)                        |
| 8/5/1954        | 8/13/1954              | General Dam Inspection (Usually prior to 1986)                        |

### Followups

No data found.

### Approvals

| Approval Date | Approval Type      |
|---------------|--------------------|
| 7/1/1953      | Levels; Stat 31.02 |

### Orders

No data found.

### Inspection Schedule

No data found.

### Analysis

No data found.