

Detailed Information for Dam Muskellunge Lake

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|--------------|-------------------------------|---------------|-------|
| Seq No | 1513 | Field File No | 63.36 |
| Size | SMALL | NID | 10551 |
| Popular Name | Muskellunge L Riparian Owners | Former Name | |

Location

| | | | |
|----------------|--------------|-----------|------------|
| County | Vilas | Longitude | -89.389984 |
| Latitude | 45.951716 | | |
| Permitted PLSS | NENE1740N09E | | |

Owners

| | | | |
|------|---------|------|------------------------------|
| Type | Private | Name | Muskellunge Lake Association |
|------|---------|------|------------------------------|

Waterbody

| | | | |
|-----------------------------------|-------------------|-----------------------|------------------|
| Drainage Basin (sq mi) | | | |
| Stream | | Impoundment | |
| Local Name | MUSKELLUNGE CREEK | Local Name | MUSKELLUNGE LAKE |
| Row and Official Name | | Row and Official Name | |
| Navigable? | not determined | Size (acres) | 272.00 |
| When was navigability determined? | | Maximum Depth (ft) | 19.00 |

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 |
| Compliance Status | | | |
| Ch. 31.19 Owner Inspection | Not Applicable | Ch 31.19 DNR Inspection | Not Applicable |
| NR 333 Standards | Not Required | | |
| NR 333 Compliance Items | | | |
| 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) | 400.00 | Max Storage (acre-ft) | 700.00 |
| Structural Height (ft) | 3.00 | Hydraulic Height (ft) | 2.00 |
| Crest Length (ft) | | Spillway Type | Uncontrolled |
| Discharge Through Principal Spillway (cfs) | 190.00 | Width/Diameter of Principal Spillway (ft) | 20.00 |
| Total Discharge Through All Spillways (cfs) | 190.00 | Total Width/Diameter of All Spillways (ft) | |
| Core Type | None | Core Position | None |
| Power Output (mW) | 0.00 | | |
| Foundation Type | None | Foundation Certainty | |
| Structural Types | Rockfill | | |
| Structure Purposes | Other - Cranberry, Wetland Restoration, Waste | | |

Detailed Information for Dam Muskellunge Lake

Geomarks

| Mark Seq No | Old Mark Id | Elevation | Datum | Status | Status Date | Location Description |
|-------------|-------------|-----------|-------|---------------------|-------------|---|
| 14773 | 981-A | 100 | Local | Verified (Surveyed) | 8/3/1950 | BM 981-A: A LAG SCREW IN THE BASE OF A 16 IN. CROOKED NORWAY PINE, LOCATED 10 FT. BACK FROM CLEARING. BM IS 10 IN. ABOVE THE GROUND ON THE S SIDE OF THE TREE. THE TREE IS 126.8 FT. E OF E END OF DAM. |
| 14774 | 981-B | 88.37 | Local | Verified (Surveyed) | 8/3/1950 | BM 981-B IS A SQUARE CUT IN CEMENT BLOCK FORMING WINGWALL AT RIGHT END OF DAM. BM IS 1.6 FT. W OF W END OF SPILLWAY. |
| 14775 | 981-C | 90.67 | Local | Verified (Surveyed) | 8/15/1962 | BM 981C IS A SPIKE IN THE SW SIDE OF A 12 IN. PINE LOCATED 48 FT. NW OF DAM. SAID TREE IS THE NEAREST TO THE DAM OF THE GROUP. |
| 14776 | 981-D | 0 | Local | None | | BM 981D IS THE TOP OF THE SW CORNER OF CEMENT BASE FOR STONE FIREPLACE 50 FT. FROM SHORE ON E SIDE OF LAKE. |

Water Levels

| | Normal | Winter |
|---------|-----------------------|-----------------|
| Minimum | Not established | Not established |
| Normal | 91.84 ft Datum: Local | Not established |
| Maximum | Not established | Not established |

Construction History

First Dam at Site

| Designer | Construction Firm | Completed (year) |
|----------|-------------------|------------------|
| | | 1948 |

Outlet Gates

No data found.

Inspection History

| Inspection Date | Inspection Report Date | Inspection Type |
|-----------------|------------------------|---|
| 8/18/2004 | | Informal Inspection to check on status or progress on work directives |
| 8/17/1993 | | None |
| 8/22/1989 | | Inspection for the purpose of setting or checking water levels |
| 7/6/1983 | | Inspection for the purpose of setting or checking water levels |
| 11/17/1982 | 11/19/1982 | Inspection for the purpose of setting or checking water levels |
| 7/15/1981 | | Inspection for the purpose of setting or checking water levels |
| 8/1/1979 | | Inspection for the purpose of setting or checking water levels |
| 11/7/1978 | | Inspection for the purpose of setting or checking water levels |
| 9/22/1976 | 9/28/1976 | Inspection for the purpose of setting or checking water levels |
| 8/10/1973 | | Inspection for the purpose of setting or checking water levels |
| 7/13/1970 | | Inspection for the purpose of setting or checking water levels |
| 7/15/1968 | 9/24/1968 | Inspection for the purpose of setting or checking water levels |
| 8/15/1962 | 8/28/1962 | Inspection for the purpose of setting or checking water levels |
| 8/3/1950 | 8/7/1950 | General Dam Inspection (Usually prior to 1986) |
| 11/20/1940 | | Inspection for the purpose of setting or checking water levels |
| 1/1/1932 | | Inspection for the purpose of setting or checking water levels |

Followups

No data found.

Approvals

| Approval Date | Approval Type |
|---------------|--|
| 9/1/1948 | Permit to Construct on Nav Str; Stat 31.06 |

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|-----------|--------------------|
| 10/1/1945 | Levels; Stat 31.02 |
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| Orders |
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No data found.

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| Inspection Schedule |
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No data found.

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| Analysis |
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No data found.