Detailed Information for Dam Muskellunge Lake

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

Location

County	Vilas		
Latitude	45.951716	Longitude	-89.389984
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		
Sturcture 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

10/1/1945	Levels; Stat 31.02

Orders

No data found.

Inspection Schedule

No data found.

Analysis

No data found.