

Detailed Information for Dam Upper Balsam Lake

Seq No	969	Field File No	48.04
Size	LARGE	NID	1070
Popular Name		Former Name	

Location

County	Polk	Longitude	-92.449721
Latitude	45.451788		
Permitted PLSS	NENE1034N17W		

Owners

Type	Private	Name	Northwestern Wisconsin Electric Co.
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Waterbody

Drainage Basin (sq mi)	24.00		
Stream		Impoundment	
Local Name	BALSAM BRANCH	Local Name	BALSAM LAKE
Row and Official Name		Row and Official Name	
Navigable?	not determined	Size (acres)	2,054.00
When was navigability determined?		Maximum Depth (ft)	37.00

Regulation

Regulatory Authority	Wisconsin	Legal Status	Formally Abandoned (31.185
Physical Status	Removed	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)	0.00	Max Storage (acre-ft)	24,200.00
Structural Height (ft)	10.00	Hydraulic Height (ft)	10.00
Crest Length (ft)	100.00	Spillway Type	Controlled
Discharge Through Principal Spillway (cfs)	465.00	Width/Diameter of Principal Spillway (ft)	6.00
Total Discharge Through All Spillways (cfs)	465.00	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		

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Geomarks

Mark Seq No	Old Mark Id	Elevation	Datum	Status	Status Date	Location Description
11179	88-C	95.88	Local	Verified (Surveyed)	8/2/1926	BM 88-C IS A 2IN SQUARE CHISEL CUT IN LEFT DOWNSTREAM CORNER OF CONCRETE SURGE TANK AT LOWER DAM.
11180	88-E	100.81	Local	Verified (Surveyed)	6/23/1965	BM 88-E IS A PSC TABLET SET IN CONCRETE WALKWAY 2FT S.E. OF S.W. CORNER OF BEACH HOUSE ON SHORE N.W. OF UPPER DAM.

Water Levels

	Normal	Winter
Minimum	92 ft Datum: Local	Not established
Normal	3 ft Datum: Local	Not established
Maximum	94 ft Datum: Local	Not established

Construction History

First Dam at Site 1850

Designer	Construction Firm	Completed (year)
		1941

Outlet Gates

No data found.

Inspection History

Inspection Date	Inspection Report Date	Inspection Type
10/30/1986	3/30/1987	Inspection conducted by DNR under Ch. 31.19(2)decennial
6/18/1975	7/2/1975	Inspection for the purpose of setting or checking water levels
6/18/1975	6/23/1975	Inspection for the purpose of setting or checking water levels
6/23/1965	7/1/1965	Inspection for the purpose of setting or checking water levels
11/5/1963	11/13/1963	Inspection for the purpose of setting or checking water levels
8/29/1950	9/11/1950	Inspection for the purpose of setting or checking water levels
6/24/1947		General Dam Inspection (Usually prior to 1986)
6/23/1945	7/17/1945	Inspection for the purpose of setting or checking water levels
4/17/1945	5/2/1945	Inspection for the purpose of setting or checking water levels
7/27/1944	8/9/1944	Inspection for the purpose of setting or checking water levels
5/26/1942	8/18/1942	Inspection for the purpose of setting or checking water levels
7/14/1938		Inspection for the purpose of setting or checking water levels
8/2/1926	8/2/1926	Inspection for the purpose of setting or checking water levels
4/10/1924		Informal Inspection to check on status or progress on work directives
6/7/1923		General Dam Inspection (Usually prior to 1986)
6/5/1918	6/10/1918	Inspection for the purpose of setting or checking water levels

Followups

No data found.

Approvals

Approval Date	Approval Type
7/1/2005	Approval of Plan for Dam Removal

Orders

No data found.

Inspection Schedule

No data found.

Analysis

No data found.