

Detailed Information for Dam Wilson Lake

Seq No	1589	Field File No	69.19
Size	SMALL	NID	10639
Popular Name	P.D. Broadwell	Former Name	

Location

County	Waushara	Longitude	-89.170850
Latitude	44.178302		
Permitted PLSS	NESE2720N11E		

Owners

Type	Lake District	Name	Kusel, Wilson, Round Lakes Rehabilitation & Preservation District
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Waterbody

Drainage Basin (sq mi)	1.00		
Stream		Impoundment	
Local Name	OUTLET WILSON LAKE TR-PINE R.	Local Name	WILSON LAKE
Row and Official Name		Row and Official Name	
Navigable?	not determined	Size (acres)	81.00
When was navigability determined?		Maximum Depth (ft)	12.00

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)	80.00	Max Storage (acre-ft)	120.00
Structural Height (ft)	2.00	Hydraulic Height (ft)	1.00
Crest Length (ft)		Spillway Type	Controlled
Discharge Through Principal Spillway (cfs)	55.00	Width/Diameter of Principal Spillway (ft)	6.00
Total Discharge Through All Spillways (cfs)	55.00	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	Gravity, Earth		
Structure Purposes	Recreation		

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Geomarks

Mark Seq No	Old Mark Id	Elevation	Datum	Status	Status Date	Location Description
15952	1010-A	100	Local	Verified (Surveyed)	7/23/1954	BM 1010-A IS THE HEAD OF A RR SPIKE IN THE SE SIDE OF A 14 IN. TWIN FORKED OAK TREE LOCATED ABOUT 1,000 FT. W OF DAM, 30 FT. N OF EDGE OF LAKE AND AT THE END OF LANE ON LAND OF ANTHONY J. GOSZ.
15953	1010-B	93.86	Local	Verified (Surveyed)	6/18/1965	BM 1010-B IS A 60-PENNY SPIKE IN THE N SIDE OF A 12IN. PINE AT THE EDGE OF THE LAKE ABOUT 20 FROM THE DAM ON THE E SIDE OF THE OUTLET STREAM.

Water Levels

	Normal	Winter
Minimum	90.5 ft Datum: Local	Not established
Normal	91.3 ft Datum: Local	Not established
Maximum	Not established	Not established

Construction History

First Dam at Site 1953

Designer	Construction Firm	Completed (year)
		1953

Outlet Gates

No data found.

Inspection History

Inspection Date	Inspection Report Date	Inspection Type
10/31/1994		None
6/7/1979	6/8/1979	General Dam Inspection (Usually prior to 1986)
8/14/1978	8/21/1978	General Dam Inspection (Usually prior to 1986)
6/18/1965	6/21/1965	General Dam Inspection (Usually prior to 1986)
4/13/1961	4/18/1961	General Dam Inspection (Usually prior to 1986)
7/23/1954	8/11/1954	General Dam Inspection (Usually prior to 1986)

Followups

No data found.

Approvals

Approval Date	Approval Type
11/1/1995	Dam Transfer; Stat 31.185B
12/1/1951	Levels; Stat 31.02

Orders

Issue Date	Complied On Date	Docket ID	Order Description
12/18/1951		2-WP-861	Restore the levels

Inspection Schedule

No data found.

Analysis

No data found.