Detailed Information for Cranberry Dam Harkner 2

Seq No	919	Field File No	27.24
Size	LARGE	NID	
Popular Name	Lower Reservoir	Former Name	

Location

County	Jackson		
Latitude	44.181082	Longitude	-90.595422
Permitted PLSS	SENW2720N02W		

Owners

Type	Private	**Name**	WM. J. HARKNER & SONS

Waterbody

Drainage Basin (sq mi)	6.00		
Stream		**Impoundment**	
Local Name	RUDES CREEK	Local Name	LAKE 27-1
Row and Official Name	Zahrte Creek	Row and Official Name	
Navigable?	not determined	Size (acres)	38.00
When was navigability determined?		Maximum Depth (ft)	5.00

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)	60.00	Max Storage (acre-ft)	200.00
Structural Height (ft)	12.00	Hydraulic Height (ft)	6.00
Crest Length (ft)	1,700.00	Spillway Type	Controlled
Discharge Through Principal Spillway (cfs)	110.00	Width/Diameter of Principal Spillway (ft)	5.00
Total Discharge Through All Spillways (cfs)	110.00	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	Earth		
Sturcture Purposes	Other - Cranberry, Wetland Restoration, Waste		

Detailed Information for Cranberry Dam Harkner 2

Geomarks

Mark Seq No	Old Mark Id	Elevation	Datum	Status	Status Date	Location Description
6597	1038-A	100	Local	Verified (Surveyed)	6/6/1962	BM 1038-A IS ON THE CENTER OF THE CONCRETE SILL IN THE UPSTREAM BOX OF THE BOX INLET, 4.1 FT. ABOVE THE GATE SILL. IT IS ON THE W WATERWAY OF THE UPPER RESERVOIR.
6598	1038-B	100	Local	Verified (Surveyed)	6/6/1962	BM 1038-B IS ON CENTER OF STEEL BAR ON THE UPSTREAM SIDE OF THE DROP INLET DATUM IS NOT THE SAME AS BM 1038-A

Water Levels

	Normal	Winter
Minimum	Not established	Not established
Normal	Not established	Not established
Maximum	Not established	Not established

Construction History

First Dam at Site 1955

Designer	Construction Firm	Completed (year)
		1950

Outlet Gates

No data found.

Inspection History

Inspection Date	Inspection Report Date	Inspection Type
6/6/1962	6/12/1962	Inspection for the purpose of setting or checking water levels

Followups

No data found.

Approvals

No data found.

Orders

No data found.

Inspection Schedule

No data found.

Analysis

No data found.