Detailed Information for Dam Crystal Lake

Seq No	252	Field File No	14.17
Size	SMALL	NID	255
Popular Name		Former Name	

Location

County	Dodge		
Latitude	43.453086	Longitude	-88.802934
Permitted PLSS	SWNW0211N14E		

Owners

Type	City	**Name**	City of Beaver Dam

Waterbody

Drainage Basin (sq mi)	4.00		
Stream		**Impoundment**	
Local Name	OUTLET OF CRYSTAL LAKE	Local Name	CRYSTAL LAKE
Row and Official Name		Row and Official Name	
Navigable?	not determined	Size (acres)	9.00
When was navigability determined?		Maximum Depth (ft)	9.00

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)	30.00	Max Storage (acre-ft)	44.00
Structural Height (ft)	13.00	Hydraulic Height (ft)	10.00
Crest Length (ft)	100.00	Spillway Type	Controlled
Discharge Through Principal Spillway (cfs)	390.00	Width/Diameter of Principal Spillway (ft)	4.00
Total Discharge Through All Spillways (cfs)	390.00	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		
Sturcture Purposes			

Detailed Information for Dam Crystal Lake

Geomarks

Mark Seq No	Old Mark Id	Elevation	Datum	Status	Status Date	Location Description
3575	686-B	101.74	Local	Verified (Surveyed)	7/6/1929	BM 686-B IS A SQUARE CUT IN TOP OF UPSTREAM WALL OF BRIDGE OVER OUTLET.
3576	686-C	97.34	Local	Verified (Surveyed)	8/25/1969	BM 686-C IS A 2 IN. SQUARE IN THE CENTER OF A CONCRETE SLAB OVER THE GATES.
3577	686-D	101.74	Local	Verified (Surveyed)	6/12/1980	BM 686-D IS A 2 IN. SQUARE CUT IN TOP OF ABUTMENT ON N SIDE OF BRIDGE CROSSING STREAM.

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

Designer	Construction Firm	Completed (year)
		1905

Outlet Gates

No data found.

Inspection History

Inspection Date	Inspection Report Date	Inspection Type
11/12/2008	12/5/2008	Formal Inspection of Small Dam
6/12/2008		Informal Inspection to check on status or progress on work directives
4/12/1995	7/18/1995	Inspection conducted by DNR under Ch. 31.19(2)decennial
6/12/1980		Inspection for the purpose of setting or checking water levels
8/25/1969	6/26/1969	Inspection for the purpose of setting or checking water levels
3/15/1961	3/20/1961	Inspection for the purpose of setting or checking water levels
3/15/1961		General Dam Inspection (Usually prior to 1986)
9/18/1946		General Dam Inspection (Usually prior to 1986)
9/18/1946	9/18/1946	Inspection for the purpose of setting or checking water levels
8/14/1934	8/16/1934	Inspection for the purpose of setting or checking water levels
8/14/1934		General Dam Inspection (Usually prior to 1986)
8/7/1929		General Dam Inspection (Usually prior to 1986)
7/6/1929		Inspection for the purpose of setting or checking water levels
9/20/1928		Inspection conducted under Ch. 31.19(3) complaint or (4) discretionary

Followups

No data found.

Approvals

No data found.

Orders

No data found.

Inspection Schedule

No data found.

Analysis

No data found.