Detailed Information for Dam Neosho

Seq No	1077	Field File No	14.14
Size	LARGE	NID	1191
Popular Name		Former Name	

Location

County	Dodge		
Latitude	43.311336	Longitude	-88.518183
Permitted PLSS	NWNW2910N17E		

Owners

Type	Village	**Name**	Village of Neosho

Waterbody

Drainage Basin (sq mi)	72.10		
Stream		**Impoundment**	
Local Name	RUBICON RIVER	Local Name	NEOSHO MILL POND
Row and Official Name	Rubicon River	Row and Official Name	
Navigable?	not determined	Size (acres)	187.00
When was navigability determined?		Maximum Depth (ft)	9.00

Regulation

Regulatory Authority	Wisconsin	Legal Status	Authorized (31.04)
Physical Status	On Landscape	Hazard Rating	High
Operational Status	Normal Operation	Low Head Dam Assessment	No
Compliance Status			
Ch. 31.19 Owner Inspection	Compliant	Ch 31.19 DNR Inspection	Compliant
NR 333 Standards	Required		
NR 333 Compliance Items			
EAP NR 333 Year	2026	IOM NR 333 Year	2024
Capacity NR 333 Year		Stability NR 333 Year	
D/S NR 333 Year			

Construction Characteristics

Normal Storage (acre-ft)	271.00	Max Storage (acre-ft)	650.00
Structural Height (ft)	12.00	Hydraulic Height (ft)	9.30
Crest Length (ft)	833.00	Spillway Type	Controlled
Discharge Through Principal Spillway (cfs)	4,630.00	Width/Diameter of Principal Spillway (ft)	77.00
Total Discharge Through All Spillways (cfs)	4,630.00	Total Width/Diameter of All Spillways (ft)	77.00
Core Type	None	Core Position	None
Power Output (mW)			
Foundation Type	None	Foundation Certainty	
Structural Types	Rockfill, Earth		
Sturcture Purposes	Recreation		

Detailed Information for Dam Neosho

Geomarks

Mark Seq No	Old Mark Id	Elevation	Datum	Status	Status Date	Location Description
3557	458-A	899.62	MSL	Verified (Surveyed)	5/2/1919	BM 458-A IS A BRONZE TABLET MARKED RAILROAD COMMISSION OF WISCONSIN, IN THE TOP OF A CONCRETE POST ABOUT 1 IN. BELOW SURFACE OF GROUND. IT IS LOCATED 140 FT. STRAIGHT W OF AND JUST ACROSS THE ROAD IN FRONT OF ST. PETER'S CATHOLIC CHURCH AND IS ON A LINE WITH THE S SIDE OF THE BUILDING. IT IS AT THE NW INTERSECTION OF STREET THAT ENDS IN FRONT OF CHURCH WITH STREET RUNNING NW PAST CHURCH TO HUSTISFORD. ROAD IS NAMED LEHMAN STREET. DISTANCE TO CORNER OF FENCE IS 2 FT., TO FENCE CORNER SE ACROSS STREET IS 52.5 FT., TO CENTER OF STREET RUNNING NE AND SE 31 FT., TO CON NW PAST CHURCH TO HUSTISFORD. ROAD IS NAMED LEHMAN STREET. DISTANCE TO CORNER OF FENCE IS 2 FT., TO FENCE CORNER SE ACROSS STREET IS 52.5 FT., TO CENTER OF STREET RUNNING NE AND SE 31 FT., TO CON
3558	458-B	913.83	MSL	Verified (Surveyed)	5/2/1919	BM 458-B IS A SQUARE NOTCH CUT ON THE SOUTH FACE OF BUTTRESS OF ST. PETER'S CHURCH. IT IS LOCATED ON THE S BUTTRESS OF THE SE CORNER OF THE CHURCH. DISTANCE ABOVE GROUND SURFACE IS 3.5 FT., DISTANCE FROM E (W?) SIDE OF BUTTRESS IS 6 IN.
3559	458-C	880.24	MSL	Verified (Surveyed)	8/6/1947	BM 458-C IS A 2 IN. SQUARE CUT IN NE BRIDGE SEAT OF BRIDGE BELOW DAM.
3560	458-D	884.45	MSL	Verified (Surveyed)	6/13/1980	BM 458-D IS A DIVISION OF HIGHWAYS ALUMINUM CAP SET IN THE SOUTH END OF THE EAST BRIDGE RAIL OVER THE DAM
3561	458-E	882.98	MSL	Verified (Surveyed)	6/13/1980	BM 458-E IS AN ALUMINUM CAP SET IN CONCRETE AS A SECTION CORNER STAMPED 7451 AND IS 4.5' SOUTHEAST OF THE STOPSIGN AT THE FIRST ROAD OFF HIGHWAY 67 NORTH OF THE BRIDGE AND 12.4' NORTH OF POWER POLE #80-04278

Water Levels

	Normal	Winter
Minimum	872.8 ft Datum: MSL	Not established
Normal	Not established	Not established
Maximum	873.8 ft Datum: MSL	Not established

Construction History

First Dam at Site 1840

Designer	Construction Firm	Completed (year)
		1840

Outlet Gates

Outlet Gate Type	Number of Gates
Tainter (Radial)	1
Slide (Sluice Gate)	1

Inspection History

Inspection Date	Inspection Report Date	Inspection Type

10/2/2026		Inspection by Owner/Engineering Consultant under Ch. 31.19(2)(ag)
8/10/2025	9/12/2025	Informal Inspection to check on status or progress on work directives
10/31/2023	3/12/2024	Informal Inspection to check on status or progress on work directives
7/13/2022	11/8/2022	Inspection by Owner/Engineering Consultant under Ch. 31.19(2)(ag)
9/8/2011	3/6/2012	Inspection by Owner/Engineering Consultant under Ch. 31.19(2)(ag)
6/12/2008		General Dam Inspection (Usually prior to 1986)
4/29/1987	7/10/1987	Inspection conducted by DNR under Ch. 31.19(2)decennial
5/23/1979	5/24/1979	Inspection for the purpose of setting or checking water levels
6/13/1978		Inspection for the purpose of setting or checking water levels
3/30/1961	3/30/1961	Inspection for the purpose of setting or checking water levels
3/30/1961		General Dam Inspection (Usually prior to 1986)
8/6/1947		General Dam Inspection (Usually prior to 1986)
8/6/1947	9/18/1947	Inspection for the purpose of setting or checking water levels
7/21/1934		General Dam Inspection (Usually prior to 1986)
7/21/1934	7/23/1934	Inspection for the purpose of setting or checking water levels
5/14/1924	5/15/1924	Construction Inspection
4/10/1924		Informal Inspection to check on status or progress on work directives
5/2/1919	5/17/1919	Inspection for the purpose of setting or checking water levels
5/2/1919		General Dam Inspection (Usually prior to 1986)

Followups

Type of Followup	Due Date	Extension Date	Completion Date
Adopt downstream zoning per NR 116.08	10/31/2025		
Concrete repairs	12/31/2026		
Gate(s)	12/31/2026		
Raceway/canal	12/31/2026		
Stability analysis	12/31/2026		
Monitoring	12/31/2032		

Approvals

Approval Date	Approval Type
3/30/2026	Emergency Action Plan
3/21/2025	30-day (6-month) Letter for Zoning Adoption
1/24/2025	Dam Failure Analysis
5/3/2024	Approval of Combined EAP & IOM
1/1/1994	Plan Appr. Repair/Recon; Stat 31.18
1/1/1994	Drawdown; Stat 31.19

Orders

No data found.

Inspection Schedule

Inspection Year	Inspection Type
2028	Owner
2030	Owner
2032	DNR
2034	Owner

Analysis

Analysis Seq No	Date	Type	Project	WIDNR Status	FEMA Status
21014	1/24/2025	Dam Failure Analysis	Neosho Dam DFA	Approved	NotRequired