Detailed Information for Dam Lake Geneva

Seq No	85	Field File No	64.11
Size	LARGE	NID	84
Popular Name	Geneva Lake	Former Name	

Location

County	Walworth		
Latitude	42.590044	Longitude	-88.435090
Permitted PLSS	SENW3602N17E		

Owners

Type	Private	**Name**	Lake Level Board

Waterbody

Drainage Basin (sq mi)	36.00		
Stream		**Impoundment**	
Local Name	WHITE RIVER	Local Name	LAKE GENEVA
Row and Official Name		Row and Official Name	
Navigable?	not determined	Size (acres)	5,262.00
When was navigability determined?		Maximum Depth (ft)	135.00

Regulation

Regulatory Authority	Wisconsin	Legal Status	Authorized (31.04)
Physical Status	On Landscape	Hazard Rating	Low
Operational Status	Normal Operation	Low Head Dam Assessment	Not Evaluated
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	2018	IOM NR 333 Year	2011
Capacity NR 333 Year	2011	Stability NR 333 Year	2008
D/S NR 333 Year	2008		

Construction Characteristics

Normal Storage (acre-ft)	30,000.00	Max Storage (acre-ft)	40,000.00
Structural Height (ft)	14.00	Hydraulic Height (ft)	8.00
Crest Length (ft)	300.00	Spillway Type	Controlled
Discharge Through Principal Spillway (cfs)	650.00	Width/Diameter of Principal Spillway (ft)	109.00
Total Discharge Through All Spillways (cfs)	650.00	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		
Sturcture Purposes	Recreation		

Detailed Information for Dam Lake Geneva

Geomarks

Mark Seq No	Old Mark Id	Elevation	Datum	Status	Status Date	Location Description
14958	487-A	867.49	MSL	Verified (Surveyed)	10/9/1919	BM 487-A IS A BRONZE TABLET MARKED WRC SET IN TOP OF N SIDEWALL OF BRIDGE ON HGHWY 12 OVER HEADRACE TO POWER PLANT AT LAKE GENEVA. BM IS A 2.6 FT. FROM E END OF WALL AND .6 FT. S OF RAILING ON SAME WALL
14959	487-B	868.02	MSL	Verified (Surveyed)	10/9/1919	BM 487-B IS A SQ NOTCH CUT IN TOP OF W RETAINING WALL OF TUNNEL FROM WASTE GATES 2 FT FROM S END OF WALL. BM IS 12.2FT E OF NE CORNER OF LADIES COMFORT STATION AND 33.9 FT SE OF E END OF S PILLWAY
14960	487-C	871.28	MSL	Verified (Surveyed)	7/26/1965	BM 487-C IS A 2 IN SQ CHISEL MARK ON SE CORNER OF BRIDGE ABUTMENT FOR CANAL FROM FOUR 11FT GATES UNDER CENTER ST DOWNSTREAM SIDE
18224	487-I	868.63	NAVD 88	Verified (Surveyed)	10/24/2014	Chiseled square on SW corner of base of memorial statue at S end of City Park at Center St. & Wrigley Dr. intersection. USGS ID: UE50B
18225	487-J	875.55	NAVD 88	Verified (Surveyed)	10/24/2014	DOT tablet in SE corner of parapet wall for Wrigley Dr. bridge.

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 1836

Designer	Construction Firm	Completed (year)
		1912

Outlet Gates

No data found.

Inspection History

Inspection Date	Inspection Report Date	Inspection Type
6/21/2019	10/29/2019	Inspection by Owner/Engineering Consultant under Ch. 31.19(2)(ag)
9/22/2009	11/4/2009	Inspection conducted by DNR under Ch. 31.19(2)decennial
3/4/2003		Construction Inspection
10/30/2002		Construction Inspection
8/30/2002		Construction Inspection
2/8/2001		Informal Inspection to check on status or progress on work directives
7/20/2000		Informal Inspection to check on status or progress on work directives
6/17/1999		Informal Inspection to check on status or progress on work directives
7/10/1997	2/9/2001	Inspection conducted by DNR under Ch. 31.19(2)decennial
4/16/1986	6/10/1986	Inspection conducted by DNR under Ch. 31.19(2)decennial
6/9/1983		Inspection for the purpose of setting or checking water levels
6/4/1982		Inspection for the purpose of setting or checking water levels
6/19/1980		General Dam Inspection (Usually prior to 1986)
4/21/1977	4/25/1977	General Dam Inspection (Usually prior to 1986)

7/1/1974		General Dam Inspection (Usually prior to 1986)
6/30/1970	7/10/1970	General Dam Inspection (Usually prior to 1986)
9/1/1967	9/21/1967	General Dam Inspection (Usually prior to 1986)
8/2/1966		General Dam Inspection (Usually prior to 1986)
7/8/1965	7/26/1965	General Dam Inspection (Usually prior to 1986)
6/23/1961	6/30/1961	General Dam Inspection (Usually prior to 1986)
3/22/1961	4/25/1961	Inspection for the purpose of setting or checking water levels
6/21/1954	7/14/1954	General Dam Inspection (Usually prior to 1986)
5/28/1947	6/4/1947	General Dam Inspection (Usually prior to 1986)
7/8/1941	4/15/1942	General Dam Inspection (Usually prior to 1986)
8/28/1933		General Dam Inspection (Usually prior to 1986)
8/27/1926		General Dam Inspection (Usually prior to 1986)
10/9/1919	3/17/1920	General Dam Inspection (Usually prior to 1986)
5/17/1915		General Dam Inspection (Usually prior to 1986)

Followups

No data found.

Approvals

Approval Date	Approval Type
10/10/2023	Approval of Repair/Maintenance Work
11/1/2021	Emergency Action Plan
1/1/2015	Levels; Stat 31.02
4/1/2011	Assignment of Hazard Rating
1/1/2011	Inspection, Operation and Maintenance Plan
1/1/2011	Emergency Action Plan
1/1/2003	Approval of Cofferdam Plan
8/1/2002	Plan Appr. Repair/Recon; Stat 31.18

Orders

Issue Date	Complied On Date	Docket ID	Order Description
9/20/2016	9/20/2016	IP-SE-2016-65-03505	Modification to min. discharge/levels orders.
9/20/2016	9/20/2016	IP-SE-2016-65-03505	Water level confirmation and setting min discharge in accordance with 31.34(2) Stats

Inspection Schedule

Inspection Year	Inspection Type
2029	Owner

Analysis

No data found.