Detailed Information for Dam Sequoia

Seq No	997	Field File No	52.33
Size	SMALL	NID	1108
Popular Name		Former Name	Bernstein #4

Location

County	Richland		
Latitude	43.392591	Longitude	-90.457840
Permitted PLSS	NWNE3511N01W		

Owners

Type	Private	**Name**	Engel, Gregory

Waterbody

Drainage Basin (sq mi)	0.40		
Stream		**Impoundment**	
Local Name	TR-HORSE CREEK	Local Name	
Row and Official Name		Row and Official Name	
Navigable?	navigable	Size (acres)	3.00
When was navigability determined?	2015	Maximum Depth (ft)	14.00

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	Not Applicable	Ch 31.19 DNR Inspection	Not Applicable
NR 333 Standards	Not Required		
NR 333 Compliance Items			
EAP NR 333 Year	2018	IOM NR 333 Year	2018
Capacity NR 333 Year		Stability NR 333 Year	
D/S NR 333 Year	2018		

Construction Characteristics

Normal Storage (acre-ft)	8.80	Max Storage (acre-ft)	35.50
Structural Height (ft)	24.50	Hydraulic Height (ft)	26.00
Crest Length (ft)	350.00	Spillway Type	Uncontrolled
Discharge Through Principal Spillway (cfs)	65.00	Width/Diameter of Principal Spillway (ft)	2.00
Total Discharge Through All Spillways (cfs)	65.00	Total Width/Diameter of All Spillways (ft)	
Core Type	None	Core Position	None
Power Output (mW)			
Foundation Type	None	Foundation Certainty	
Structural Types	Earth		
Sturcture Purposes	Stock, Small Farm Pond or Fire Protection		

Detailed Information for Dam Sequoia

Geomarks

Mark Seq No	Old Mark Id	Elevation	Datum	Status	Status Date	Location Description
18274		924.11	NAVD 88	Verified (Surveyed)	8/24/2017	Iron rod set on embankment crest
18275		923.48	NAVD 88	Verified (Surveyed)	8/24/2017	Iron rod set on embankment crest

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)
USDA SCS		1973

Outlet Gates

No data found.

Inspection History

Inspection Date	Inspection Report Date	Inspection Type
8/24/2017	10/19/2017	Transfer Inspection
8/4/2010	11/3/2010	Blitz Inspection
6/12/2008		General Dam Inspection (Usually prior to 1986)

Followups

No data found.

Approvals

Approval Date	Approval Type
7/15/2019	Plan Appr. Repair/Recon; Stat 31.18
8/23/2018	Community Adopted Failure Zoning
8/23/2018	Assignment of Hazard Rating
7/16/2018	Emergency Action Plan
3/6/2018	30-day (6-month) Letter for Zoning Adoption
3/1/2018	Dam Failure Analysis
3/1/2018	Inspection, Operation and Maintenance Plan
10/19/2017	Dam Transfer; Stat 31.185B
8/1/2015	Dam Transfer; Stat 31.185B

Orders

No data found.

Inspection Schedule

No data found.

Analysis

Analysis Seq No	Date	Type	Project	WIDNR Status	FEMA Status
20130	3/1/2018	Dam Failure Analysis	Sequoia DFA	Approved	NotRequired