State of Maine
Department of Defense, Veterans and Emergency Management (DVEM)
Maine Emergency Management Agency (MEMA)
Emeregency Number 1800 452-8735 or (207) 626-4503

Dam Information

Form A

Printed: 12 Aug 0

NOTE: This page contains contact information, key elements of the dam, the dam classification in terms of MRSA 37B Chapter 24, and an inspection summary.

1a) File	4b) FERC #	32) Hazard	1) Dam Name	8) Sec, Town, Range	WLO	Age (yrs)	Condition	Bounded by	7) Lat (dec)	Lat D	Lat M	Lat S
110		S	Alamoosook Lake	Orland	X	69	fair	Same Town	45.04	44	53	560
4a) DEP #	**5) NID #**	**36) Agency**	**2) Other Name**	**12) County**	**State of:**	**Road Over ?**	**Status**	**10) River**	**6) Lon (dec)**	**Lon D**	**Lon M**	**Lon S**
00715	ME00144	MEMA		Hancock	Maine	X	operational	Narramissic River	68.81	68	43	330

Owner Details	13) Owner	14) Owner Type	Owner phone	County Emergency Management Agency contacts	EMA Contact	EMA phone
Address, contact & tel. COE type: F=federal, P=private, L=local government, U=utility, S=state	International Paper		469-1547	Current emergency contact numbers other than 911	Ralph Pinkham	667-8126
	13a) Address	**13b) Town**	**13c) State / 13d) Zip**		**EMA Address**	
	River Road, Box 1200	Bucksport	ME 04416		50 State Street	
	Title / Contact Person	**Contact email**	**Contact phone**		**EMA Town / State of: / EMA zip**	
	Geremy Chubbuck		469-1547		Ellsworth / Maine / 04605	

DAM PHOTO. Insert here a general image of the dam. Attach additional photos onto this page.

Outlaked EAP →

LOCALITY. Insert here locality diagram, plan, sketch or photo. Attach additional data onto this page.

4-16 Robin Faulkner (EAP) Co-ord is revising this and two other EAPs (Silver & Toddy)

Dam description

Locality

DAM DESCRIPTION
H=height toe to dry crest. Hs=height toe to spillway. fbd=freeboard
TYPE: RE=earth, ER=rockfill, ST=stone, MS=masonry, CN=concrete, TC=timbercrib, PG=gravity, VA=arch, MV=multiarch, CB=butress, BR Beaver, OT=other
PURPOSE I=irrigation, R=recreation, T=tailings, C=floodcontrol, P=fire/stock/farm pond, N=navigation, H=hydro, D=debris, S=watersupply, F=fishwildlife, O=other
CORE: Position: F=upstream, H=homogenous, I=core, X=unknown
Type: A=bitum, C=conc, E-earth, M=metal, P=plastic, X=unknown
Certainty: K=known, Z=estimated
FOUNDATIONS:Material: R=rock, RS=rock&soil, S=soil, U=unknown
Certainty: K=known, Z=estimated

X

21) Year built	22) Modified
1930	
17) Dam Type	**20) Purpose**
CNERPG	ROS
19) Foundation	**18) Core**
CN	X
25) H struc (ft)	**26) Hs (ft)**
~~15~~ 18	15
24) H (ft)	**23) Length (ft)**
0	165

DAM SIZE CLASSIFICATION (height feet)
1: 0'-6' Minor 2: 6'-40' Small, 3:40'-100' medium 4: >100' Large

Dam Size: **small**

WATERSHED
River name, watershed area in sq. miles at the dam, major river basin, hydrologic unit.

10) River	31) Area (sm)
Narramissic River	
Basin	**Hydro Unit**
X	

IMPOUNDMENT
Area = surface area of the impoundment at spillway elevation. Base Area = estimate of wetland or original lake area at dam base elevation. Storage = effective storage at spillway elevation and does not include dead storage. Maximum storage at crest elevation is got by adding the freeboard storage to storage. All values approximate.

Type	Silt Depth at wall (ft)
X	Nil
Base (acres)	**30) Area (acres)**
± 500	1,133 ✓
29) Storage (ac ft)	**28) MAXSTOR (af)**
8497.5	-8497.5

IMPOUNDMENT SIZE CLASSIFICATION: (ac ft)
1: 0 - 50 Minor 2: 50-1,000 Small 3:1,000-50,000 medium 4: >50,000 Large

Impoundment Size: **medium**

If dam is <25' high & <15 acre feet OR <6' high a 50 acre feet, the structure is not a dam according to law. In this case complete all fields, make dam hazard rating = L, Dam ? = No, FREQ = 12, determine condition, complete 'inspection summary' send 'not a dam' letter and close file.
If structure is a 'dam', less than 6' in height and its potential downstream hazard appears small, hazard = L, Dam ? = yes, FREQ = 6 years, Hazard ? = no, condition = 'good', 'fair' or 'poor'. File Report 1. Do no more at this stage. If there is doubt about downstream hazard do downstream hazard inspection on Form B. If a downstream hazard inspection indicates that the dam is a 'significant' or 'high' hazard specify hazard and frequency of inspection.

Dam ? **yes**

Hazard ? **yes**

INSPECTION RECORD The following summarizes recorded dam 'condition' inspections done in the last 30 years. DEP means last inspection by the Maine Department of Environmental Protection. Phase I means inspection during the National Program of Inspection of Dams done by the USCOE. MBB means inspection by a Consultant under contract to DVEM. OI means owner inspection. EI means DVEM inspections. FREQ = frequency of inspection required by law. "Inspection Summary" refers to findings of the current condition inspection. As from October 1998, hazard and condition inspections ar concurrent.

PHASE I	DEP Inspn	MBB insp	Total:	OI	EI	35) FREQ
N			$2		Yes	4

COE INSP	DEP date	MBB date	Last insp	34) Insp date	35a) Next Insp.
6 Jun 96				9 Jun 96	8 Jun 00

COE condition	DEP condition	MBB condition	Owner condition	Condition	Letter sent
				fair	

Inspection Summary

WATER PASSES THRU THIS LAKE FROM SEVERAL OTHER LAKES.WATER IS PUMPED FROM THE LAKE NORMAL 4200-8400 G/M EMERG 14000 G/M

.....
Signed and dated by dam inspector

State of Maine
Department of Defense, Veterans and Emergency Management (DVEM)
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Dam Hazard

Form B

Printed: 12 Aug 0

DAM HAZARD REPORT. This report determines dams downstream hazard potential described in the "Report 1" PREAMBLE. The hazard inspectionmust start at the dam and continue downstream until the impact of unplanned release of water from the dam is no longer a threat to buildings, infrastructure or public safety. If it is likely that damage could occur to buildings, roads and bridges, the dam should be classified a "significant" downstream hazard. If there is a likilihood that the lives of permanent residents of buildings downstream of the dam are endangered, then the dam should be classified a "high" hazard dam. If the liklihood of downstream damage or loss of life rate is minor, the dam should be classified a "low" hazard dam. Once a dam is rated a "low" hazard dam, the dam condition inspection is optional because a RAP is not required. For record purposes, a quick general assessment of all "low" hazard dams may be entered in the database. During the inspection for hazard it is essential to note all downstream development noting development which may have occured since the last inspection.

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00715	ME00144	MEMA		Hancock	Maine	X	operational		Narramissic River	68.81	68	43	330

HAZARD INSPECTION

The following downstream map or description gives estimates of people, buildings and bridges which would be inundated during a sunny day dam breach. Sketch a plan of the the downstream conditions below the dam in the space provided or attach as a seperate item 3.

11) Nrst Town	Houses	Camps	Buildings	No affected
12) Dist to 11	Utilities	Bridges	Dam us	Dam ds
	R	Y		

EFFECT OF DAM BREACH

The hypothetical dam breach flood (DBF)in cubic feet per second (cfs) is calculated in under field "DBF (cfs)". It may be assumed to be a sudden fully developed dam breach in feet shown in field "DBW (ft)". Assume about 1 to 5 times height of wall depending on conditions.

B) DAMAGE INDEX: 0: no damage 1: property 2: life 3: life & property

Mode of Failure

DBW (ft)	DBF (cfs)	A) DBF/100yr	B) DAMAGE
	0		

Downstream Hazard

Old haz	Resclass.	32) Hazard
		S

WATERSHED

Sketch watershed or attach map.

WATERSHED (RIVER BASIN)

MAP= mean annual precipitation, MAR= mean annual runoff, FOR=flood of record at dam, LWC=length of river, Slope= av.river slope, Tc=catchment response time, 100yr=100 year flood by regression in cfs, Q100 calc = 100 yr flood by rational formula C=catchment runoff index, Storm"=100yr storm with Tr duration,

10) River	31a) Wetlands %	31) Area (sm)
Narramissic Riv		

C (index)	MAP (in)	MAR (cfs)	100yr (cfs)
		0	0

dH (ft)	LWC (miles)	Slope (ft/m)	FOR (cfs)

Tc (hrs)	Storm "	Storm runoff (ac ft)	Q100calc
0.0		0	0

PMF (cfs)	PMF atten %	Storm/area
0	0.00	

EMERGENCY ACTION PLANNING

All "significant" and "high" hazard dams must have current EAP's renewed every 2 years and copied to the MEMA and CEMA within 6 months of the hazard inspection. The EAP must be designed by the Owner, together with local Emergency Services and downstream affected property owners and residents. The EAP should be tested for competency immediately it is implemented. "Preparedness" on this form is an indication of the ability of the Owner and Community to be able to respond to and mitigate the effects of a dam breach. "Owner contacted" means the date when owner contacted by phone. "Submit EAP by" means 183 days after owner contacted. "EAP date" means date EAP submitted. Expiry is 2 years fron date of submission.

Owner contacted	Submit EAP by	EAP expiry
	2 Jul 01	21 Aug 03

33) EAP	EAP date	EAP tested by:	EAP test type	Preparedness
current	21 Aug 01		14 Apr 98	N

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