

**Maine Dams****General Information**

EI

5a) File

Date of Printing

105

04/26/99

**LOCATION and OWNERSHIP:**

1) Dam Name

2) Other Name

5) USACE #

FERC #

4) State #

Silver Lake Dam

ME00147

00718

11) Town

12) Distance

9) County

16) Fed ?

6) Lon (decimal)

7) Lat (decimal)

Bucksport

1

HANCOCK

N

68.90

44.64

Contact Person

Phone

e mail

13) Owner

Mr. Cyr

469-1700

Champion International Corp

13a) Address

13 b) Town

13 c) State

13 d) Zip

14) Owner Type

River Road

Bucksport

ME

04416

**DOWNSTREAM DEVELOPMENT:** Downstream Towns

Distance to (ft)

Affected People (no)

Recent Developments

BUCKSPORT

Houses

Campsites

Bridges

Dams

Utilities

Dam Traffic

HAZARD

R

H

EAP: 33) EAP

EAP suspense

Time left (days)

EAP review

EAP remarks:

TRAINING REQ

COMM TRAINING

NR

22 Feb 99

2

24 Aug 99

M

N

**STRUCTURE:**

20) Purpose

17) Dam Type

SO

RE

21) Year built

22) Year Modified

Age (years)

1930/1985

69

Height (ft)

25) Struct. Ht (ft)

26) Hydr Ht (ft)

0

30

24

Length (ft)

465

**HYDROLOGY:**

10) River Name

31) Drainage Area (sm)

TANNERY BROOK (MILL STREAM)

~~0.00~~

5

10/85 Slope

100 Year (cfs)

10000 Year (cfs)

PMF (cfs)

DBF (cfs)

7740

28) Max. Storage (ac ft)

29) FS Storage (ac ft)

30) Pond Area (acres)

8447

(6428)

5700

710

Spillway (ft)

Freeboard (ft)

27) Max Discharge (cfs)

% 10000 yr

4600

**INSPECTIONS:**

PHASE I

34) Inspection

Inspector 1

Report 1

Condition 1

Y

31 May 78

24 Aug 98

**COST DATA:**

Total:

\$1,500

REPAIR SUSPENSE

Inspection 2

Inspector 1

Report 2

Condition 2

Inv. 1

Inv. 2

24 Aug 99

\$750

\$750

**REGULATORY and OTHER:**

STATE REGULATOR

FEDERAL REGULATOR

MEMA

Comments

n  
PEAK RECORDED LAKE 130.5'  
ENLARGED ± 1987  
SUNNY DAY

## State of Maine

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

Dam Safety  
Report

Page 3  
Key Dam Data  
6 Sep 01

**PREAMBLE** Pages 1 & 2 may be attached as the cover and letter to owner. Page 3 describes key elements of the dam, gives the latest recorded emergency contacts, displays electronic images where possible, classifies the dam in terms of height and storage capacity, gives a brief inspection history and inspection summary. Pages 4 & 5 contain dam inspection data. The supplemental information to this information should be appended and checked on the cover page 1. Current law governing dam safety in Maine is available upon request.

1a) File 105	4b) FERC #	32) Hazard H	1) Dam Name Silver Lake	8) Sec, Town, Range Bucksport	WLO X	Age (yrs) 69	Condition fair	Bounded by Same Town	7) Lat (dec) 44.64	Lat D 44	Lat M 35	Lat S 192
4a) DEP # 00718	5) ND # ME00147	36) Agency MEMA	2) Other Name	12) County Hancock	State of ME	Road Over ? N	Status operational	10) River Tannery	6) Lon (dec) 68.90	Lon D 68	Lon M 47	Lon S 433

Owner Details Address, contact & tel. COE type: F=federal, P=private, L=local government, U=utility, S=state	13) Owner			14) Owner Type	Owner phone		County Emergency Management Agency contacts Current emergency contact numbers other than 911	EMA Contact		EMA phone	
	International Paper							Ralph Pinkham		667-8126	
	13a) Address		13 b) Town		13 c) State	13 d) Zip		EMA Address			
	River Road, Box 1200		Bucksport		ME	04416		50 State Street, Suite 4			
	Title	Contact Person	Contact email		Contact phone			EMA Town		State of:	EMA zip
Mr.	Geremy M. Chubbuck			469-1547			Ellsworth		ME	04605	

**DAM PHOTOS.** Insert here a general image of the dam. Attach supplemental photos to back of form.

LEAP Request  
Tom Dodd  
International Paper Co  
P.O. Box 320  
Stratton, ME 04982

## Dam description

## 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=multilarch, CB=butress, BR  
Beaver, OT=other  
PURPOSE: I=irrigation, R=recreation, T=lailings, 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

21) Year built  
1930/1985

22) Modified

17) Dam Type  
RE,PG,CN

20) Purpose  
SO

19) Foundation  
RS,Z

18) Core  
Concrete

25) H struc (ft)  
29

26) Hs (ft)  
29

24) H (ft)  
24

23) Length (ft)  
465

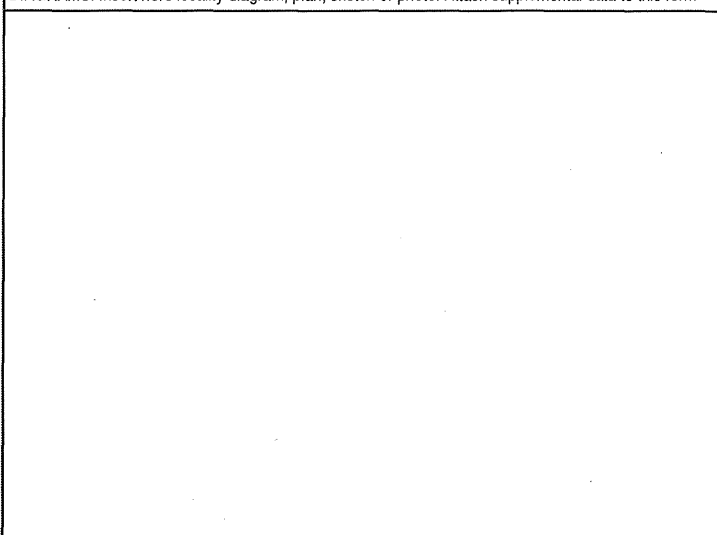
## DAM SIZE CLASSIFICATION (height feet)

1: 0'-6" Minor 2: 6'-40' Small, 3: 40'-100' medium 4: >100' Large

Dam Size

small

**DIAGRAMS.** Insert here locality diagram, plan, sketch or photo. Attach supplemental data to this form



## Locality plan

## WATERSHED

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

10) River  
Tannery

31) Area (sm)  
5

Basin  
X

Hydro Unit

## 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  
X

Silt Depth at wall (ft)  
0.00

Base (acres)

30) Area (acres)  
710

29) Storage (ac ft)  
10295

28) MAXSTOR (af)  
6745

## 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

**DETERMINE IF STRUCTURE IS A DAM** If dam is less than 25' high and impoundment less than 15 acre feet, or, less than 6' high and 50 acre feet, the impounding structure is not a dam according to law. In this case complete all fields, make dam hazard rating = N, Dam = no, FREQ = 10, determine condition, complete "inspection summary" send "not a dam" letter and close file.  
**DETERMINE IF DAM HAZARD INSPECTION IS NECESSARY** 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 Report 2.  
**DETERMINE IF DAM CONDITION INSPECTION IS NECESSARY** If Report 2 indicates that the dam is a "significant" or "high" hazard specify hazard and frequency of inspection. Complete Report 3.

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 1 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 are concurrent.

PHASE I Y	DEP Inspn	MBB Insp	Total: \$1,500	OI MBP	EI Yes	35) FREQ 2
COE INSP 31 May 78	DEP date	MBB date	Last insp			
			34) Insp date 1 May 99			
			35a) Next Insp. 30 Apr 01			
COE condition	DEP condition	MBB condition	Owner condition	Condition fair	Letter sent	

## Inspection Summary

Signed and dated by dam inspector



Perry D. Dargitz  
Environmental Manager

Verso Paper Corp.  
P.O. Box 1200  
2 River Road  
Bucksport, ME 04416

T 207 469 1281  
C 207 249 8339  
F 207 469 4276  
perry.dargitz@versopaper.com

## CONTACT INFORMATION

OWNER NAME	Verso	
CONTACT FIRST NAME	Perry	Pefer Fogg
CONTACT LAST NAME	Dargitz	
BUSINESS NAME	Verso Paper Corporation	
TELEPHONE NUMBER	(207) 469-1281	469-4235
CELL NUBMER	(207) 249-8338	
FAX NUMBER	(207) 469-4276	
EMAIL	perry.dargitz@versopaper.com	
ADDRESS LINE 1	PO Box 1200	
ADDRESS LINE 2	2 River Road	
CITY	Bucksport	
STATE	Maine	
ZIP	04416	
DAM OPERATIONAL?	<input checked="" type="radio"/> YES	<input type="radio"/> NO

Please complete and return

Thank you

OUT DATED

T.