

Dams of the Lamprey River Watershed – Newmarket, Durham, Lee, Epping
(Listed in order from downstream to upstream.)

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Dam Number: 177.01
Town: Newmarket

Dam Name: Macallen Dam
River: Lamprey

Physical Location: downtown Newmarket

Latitude: 43,4,52

Longitude: -70,56,5

Hazard Class: High

Status: Active

Height: 27 feet

Impoundment Size: 120 acres

Dam construction materials (earthen, concrete, other): stone, concrete

Width of dam at crest: 2 feet

Date of original construction: 1887

Historically Significant or on the National Register: yes

Within a Historic District: yes

Dry Hydrants: none

Public or Private Boat Ramps: off Piscassic Street

Next downstream barrier to this dam:

Stream characteristics below dam:

Next upstream barrier to this dam:

Stream characteristics above dam:

Is the impoundment behind the dam on the state's impaired waters list?

Stormwater Outfalls to Impoundment:

Dam Owner: Town of Newmarket, 186 Main Street, Newmarket

Use of Pond and Potential for Modification: This historic dam is under study by the Town of Newmarket. The dam must be repaired or removed. Fish ladder in place.



177.01 Macallen Dam with fish ladder on left, Rte. 108 bridge in background



dam face with date stone in middle – 1887



Dam Number: 071.34
Town: Durham

Dam Name: Recreation Pond Dam
River: un-named tributary to Lamprey

Physical Location: near Durham/Newmarket line at end of private shared driveway

Latitude: 43,5,17

Longitude: -70,56,59

Hazard Class: Non Menace

Status: Active

Height: 10 feet

Impoundment Size: 0.5 acres

Dam construction materials (earthen, concrete, other): earthen

Width of dam at crest: 60 feet

Historically Significant or on the National Register: no

Within a Historic District: no

Dry Hydrants: none

Public or Private Boat Ramps: none

Next downstream barrier to this dam: culvert under Packers Falls Road

Stream characteristics below dam: small stream

Next upstream barrier to this dam: none

Stream characteristics above dam: no stream – upper part of drainage

Is the impoundment behind the dam on the State's impaired waters list? no

Stormwater Outfalls to Impoundment: lawn and driveway

Dam Owner: John and Julianne Farrell, 3 Mill Road, Dover

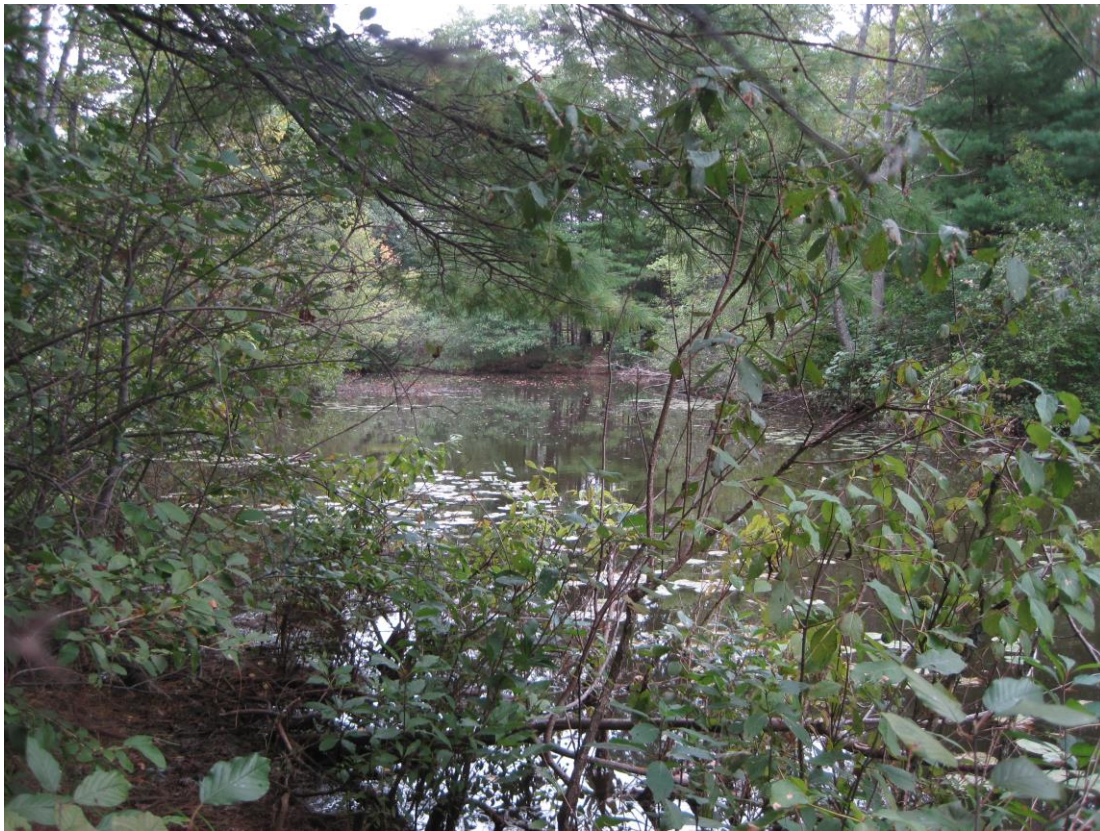
Use of Pond and Potential for Modification: used for beauty and recreation. Dam is also driveway to house.



071.34 Recreation Pond Dam - dam is also the driveway to the house beyond



downstream of the dam



Dam Number: 071.37
Town: Durham

Dam Name: Detention Pond
River: runoff

Physical Location: off Packers Falls Road near Durham/Newmarket line

Latitude: 43,5,24

Longitude: -70,56,48

Hazard Class: N/A

Status: Exempt – no longer meets definition of a dam

Height: was 4.4, now 0

Impoundment Size: was .1, now wetlands

Dam construction materials (earthen, concrete, other): earthen that is now gone

Width of dam at crest: N/A

Date of original construction, if known:

Historically Significant or on the National Register: no

Within a Historic District: no

Dry Hydrants: none

Public or Private Boat Ramps: none

Next downstream barrier to this dam: railroad tracks

Stream characteristics below dam: impoundment of Macallen Dam

Next upstream barrier to this dam: none

Stream characteristics above dam: uplands

Is the impoundment behind the dam on the state's impaired waters list? no

Stormwater Outfalls to Impoundment: some runoff from Packers Falls Road

Dam Owner: unknown

Use of Pond and Potential for Modification: No detention pond visible. Poned water area appears to be a result of the embankment of the railroad tracks. No visible culvert under tracks for this drainage area to exit.



Dam Number: 071.36
Town: Durham

Dam Name: Stagecoach Farm Pond
River: wetlands area ½ mi. from Lamprey

Physical Location: off of Rte. 108 on Stagecoach Road, after road becomes gravel, on left

Latitude: 43,5,38

Longitude: -70,55,42

Hazard Class: Non Menace

Status: Active

Height: 4.5 feet

Impoundment Size: .3 acres

Dry Hydrants: none

Public or Private Boat Ramps: none

Dam construction materials (earthen, concrete, other): earthen

Width of dam at crest: 15 feet

Historically Significant or on the National Register: no

Within a Historic District: no

Next downstream barrier to this dam: wetlands and Ross Road

Stream characteristics below dam: wetlands, no defined channel

Next upstream barrier to this dam: none

Stream characteristics above dam: no upstream

Is the impoundment behind the dam on the state's impaired waters list? no

Stormwater Outfalls to Impoundment: none

Dam Owner: Bank of New Hampshire, 2 Harbor Place, Portsmouth

Use of Pond and Potential for Modification: Used for backyard beauty and recreation.

Removal would not add any stream length for fish.



071.36 Stagecoach Farm Pond -view of dam from downstream, PVC pipe outlet



View looking downstream to extensive area of wetlands leading to Lamprey River approximately one half mile away. No defined channel and many cattails.



Dam Number: 071.05
Town: Durham

Dam Name: Packers Falls Dam
River: Lamprey

Physical Location: on Bennett Road near the intersection with Packers Falls Road

Latitude: 43,6,10

Longitude: -70,57,8

Hazard Class:

Status: Ruins

Height: 12 foot elev. drop

Impoundment Size (acres): none

Dam construction materials (earthen, concrete, other): dam is gone

Width of dam at crest: N/A

Historically Significant or on the National Register: yes

Within a Historic District: yes

Dry Hydrants: none

Public or Private Boat Ramps: none

Next downstream barrier to this dam: none

Stream characteristics below dam: slow moving waters

Next upstream barrier to this dam: Wadleigh Falls

Stream characteristics above dam: slow moving water with some rapids

Is the impoundment behind the dam on the state's impaired waters list? no

Stormwater Outfalls to Impoundment: road runoff from Packers Falls

Dam Owner: Lamprey River Improvement Company

Use of Pond and Potential for Modification: N/A



Dam Number: 071.22
Town: Durham

Dam Name: Farm Pond Dam
River: natural swale

Physical Location: Off Packers Falls Road near Packers Falls bridge

Latitude: 43,6,4

Longitude: -70,57,12

Hazard Class: Non Menace

Status: Active

Height: 6 feet

Impoundment Size: .5 acres

Dam construction materials (earthen, concrete, other): earthen

Width of dam at crest: No crest, pond is dug hole. No embankment.

Date of original construction, if known:

Historically Significant or on the National Register: no

Within a Historic District: no

Dry Hydrants: none

Public or Private Boat Ramps: none

Next downstream barrier to this dam: not accessible

Stream characteristics below dam: no stream

Next upstream barrier to this dam: no stream

Stream characteristics above dam: no stream

Is the impoundment behind the dam on the state's impaired waters list? no

Stormwater Outfalls to Impoundment: none

Dam Owner: Mr. James Calderwood, Ms. Sarah Sherman, 179 Packers Falls Road

Use of Pond and Potential for Modification: This is a backyard pond for beauty. There is no stream entering or leaving the pond.



Dam Number: 071.21
Town: Durham

Dam Name: Farm Pond
River: natural swale near Lamprey

Physical Location: Garrison House Farm on Packers Falls Road one half mile south of Packers Falls bridge

Latitude: 43,5,52

Longitude: -70,57,23

Hazard Class: Non Menace

Status: Active

Height: 10 feet

Impoundment Size: .73 acres

Dry Hydrants: none

Public or Private Boat Ramps: none

Dam construction materials (earthen, concrete, other): earthen

Width of dam at crest: 15 feet

Date of original construction, if known:

Historically Significant or on the National Register: no

Within a Historic District: no

Next downstream barrier to this dam: none

Stream characteristics below dam: intermittent swale

Next upstream barrier to this dam: no stream above pond

Stream characteristics above dam: N/A

Is the impoundment behind the dam on the state's impaired waters list? no

Stormwater Outfalls to Impoundment: none

Owner of record: Mr. Richard Brayton Current owner: Mr. Joe Vallencourt

Use of Pond and Potential for Modification: This is a farm pond used for scenic beauty with hay fields surrounding it.



Dam Number: 071.28
Town: Durham

Dam Name: Samuels Dam
River: tributary of Lamprey

Physical Location: Upstream from Packers Fall on an old channel on a high terrace. This pond is in the owner's backyard. Probably was a vernal pool at one time.

Latitude: 43,6,10

Longitude: -70,57,24

Hazard Class: Non Menace

Status: Active

Height: 4 feet

Impoundment Size: 0.44acres

Dam construction materials (earthen, concrete, other): dug, earthen

Width of dam at crest: N/A

Historically Significant or on the National Register: no

Within a Historic District: no

Dry Hydrants: none

Public or Private Boat Ramps: none

Next downstream barrier to this dam: intermittent drainage

Stream characteristics below dam: vernal pool

Next upstream barrier to this dam: no upstream

Stream characteristics above dam: no upstream

Is the impoundment behind the dam on the state's impaired waters list? no

Stormwater Outfalls to Impoundment: none

Dam Owner: Mr. Bruce Samuels, Packers Falls Road, Durham

Use of Pond and Potential for Modification: This pond is for backyard landscaping purposes. It was probably an old channel of the Lamprey at one time but is behind a high terrace now.



071.28 Samuels Dam – a backyard feature



There are really two connected ponds.



Dam Number: 071.04
Town: Durham

Dam Name: Wiswall Dam
River: Lamprey

Physical Location: On Wiswall Road between Packers Falls Road in Durham and Lee Hook Road in Lee

Latitude: 43,6,14

Longitude: -70,57,48

Hazard Class: Significant

Status: Active

Height: 18 feet

Impoundment Size: 30 acres

Dam construction materials (earthen, concrete, other): concrete, wood

Width of dam at crest:

Date of original construction, if known:

Historically Significant or on the National Register: yes

Within a Historic District: yes

Dry Hydrants: none

Public or Private Boat Ramps: none

Next downstream barrier to this dam:

Stream characteristics below dam:

Next upstream barrier to this dam:

Stream characteristics above dam:

Is the impoundment behind the dam on the state's impaired waters list?

Stormwater Outfalls to Impoundment:

Dam Owner: Town of Durham, Public Works Dept., 100 Stone Quarry Drive, Durham

Use of Pond and Potential for Modification: This is the Town of Durham's public water supply. The dam has recently been repaired and a fish ladder was installed.



071.04 Wiswall Dam – downward fish passage and view upriver from dam



view of dam from downstream, fish ladder on right



Dam Number: 071.18
Town: Durham

Dam Name: Wildlife Pond Dam
River: natural swale near Lamprey

Physical Location: Upstream from the Wiswall Dam in a wooded location without any defined channel. Backwater area to impoundment at Wiswall Dam in high water.

Latitude: 43,6,27

Longitude: -70,57,49

Hazard Class: Non Menace

Status: Active

Height: 8 feet

Impoundment Size: 0.66 acres

Dam construction materials (earthen, concrete, other): earthen

Width of dam at crest: unknown

Historically Significant or on the National Register: no

Within a Historic District: no

Dry Hydrants: none

Public or Private Boat Ramps: none

Next downstream barrier to this dam: none

Stream characteristics below dam: intermittent stream

Next upstream barrier to this dam: dry land

Stream characteristics above dam: no stream

Is the impoundment behind the dam on the state's impaired waters list? no

Stormwater Outfalls to Impoundment: none

Dam Owner: unknown

Use of Pond and Potential for Modification: Pond is near the Lamprey River and there is no upstream drainage so no further access for fish.



Dam Number: 135.01
Town: Lee

Dam Name: Lamprey River I Dam
River: Lamprey

Physical Location: On the Lamprey River 1/8 mile downstream from the Lee Hook Road.

Latitude: 43,6,50

Longitude: -71,0,19

Hazard Class:

Status: Ruins

Height: N/A

Impoundment Size: 0 acres

Dam construction materials (earthen, concrete, other): was wood and stone

Width of dam at crest: N/A

Historically Significant or on the National Register: locally significant

Within a Historic District: no

Dry Hydrants: none

Public or Private Boat Ramps: none

Next downstream barrier to this dam: none

Stream characteristics below dam: river with rapids and slow moving waters

Next upstream barrier to this dam: Wadleigh Falls

Stream characteristics above dam: slow moving waters

Is the impoundment behind the dam on the state's impaired waters list? no

Stormwater Outfalls to Impoundment: some road runoff

Dam Owner: Mr. Phillip Sanborn, Lee Hook Road, Lee

Use of Pond and Potential for Modification: no dam, no impoundment, no modifications



135.01 Lamprey River I Dam – heron is standing near where dam used to be



Remains of the mill structure can be seen on the right.



Dam Number: 177.11
Town: Newmarket

Dam Name: Dug Pond Dam
River: wetlands above Tuttle Swamp

Physical Location: At back of Wiggin Farm Conservation Area on Grant Road

Latitude: 43,4,3

Longitude: -70,59,45

Hazard Class:

Status: Ruins

Height: N/A

Impoundment Size: 1 acre open

Dam construction materials (earthen, concrete, other): was earthen

Width of dam at crest: N/A

Historically Significant or on the National Register: no

Within a Historic District: no

Dry Hydrants: none

Public or Private Boat Ramps: none

Next downstream barrier to this dam: wetlands and road crossing at Rte. 152

Stream characteristics below dam: Tuttle Swamp

Next upstream barrier to this dam: Fox Hollow Drive culvert

Stream characteristics above dam: small stream

Is the impoundment behind the dam on the state's impaired waters list? no

Stormwater Outfalls to Impoundment: none

Dam Owner: Conservation Commission, Town of Newmarket

Use of Pond and Potential for Modification: While the dam is in ruins, there is a nice large wetlands area and some open water. Passive outdoor recreation includes trails and interpretive signs throughout the property.



177.11 Dug Pond Dam – looking upstream from near former dam



looking towards former dam spot



Dam Number: 177.13
Town: Newmarket

Dam Name: Foxx Pond Dam
River: unnamed brook leading to Lamprey

Physical Location: behind barn at 314 Grant Road and Fox Hollow Drive

Latitude: 43,3,54

Longitude: -70,59,58

Hazard Class: Non Menace

Status: Active

Height: was 3.5 feet

Impoundment Size: was 0.5 acres

Dam construction materials (earthen, concrete, other): was earthen

Width of dam at crest: unknown

Historically Significant or on the National Register: no

Within a Historic District: no

Dry Hydrants: none

Public or Private Boat Ramps: none

Next downstream barrier to this dam: culvert under Fox Hollow Drive

Stream characteristics below dam: wetlands

Next upstream barrier to this dam: Grant Road

Stream characteristics above dam: small stream

Is the impoundment behind the dam on the state's impaired waters list? no

Stormwater Outfalls to Impoundment: street runoff

Dam Owner: Sioux Pingree, 314 Grant Road,
Newmarket

Use of Pond and Potential for Modification: No dam is left and has been gone for some time. Owner pointed out former location.





Dam Number: 177.16
Town: Newmarket

Dam Name: Recreation Pond Dam
River: unnamed stream to Lamprey River

Physical Location: On Grant Road opposite of Alyce Drive

Latitude: 43,3,49

Longitude: -71,0,5

Hazard Class:

Status: Exempt

Height: 3.75 feet

Impoundment Size: 0.08 acres

Dam construction materials (earthen, concrete, other): earthen

Width of dam at crest: 3 feet

Historically Significant or on the National Register: no

Within a Historic District: no

Dry Hydrants: none

Public or Private Boat Ramps: none

Next downstream barrier to this dam: culvert under Grant Road

Stream characteristics below dam: small stream passing through wetlands

Next upstream barrier to this dam: none

Stream characteristics above dam: wetlands

Is the impoundment behind the dam on the state's impaired waters list? no

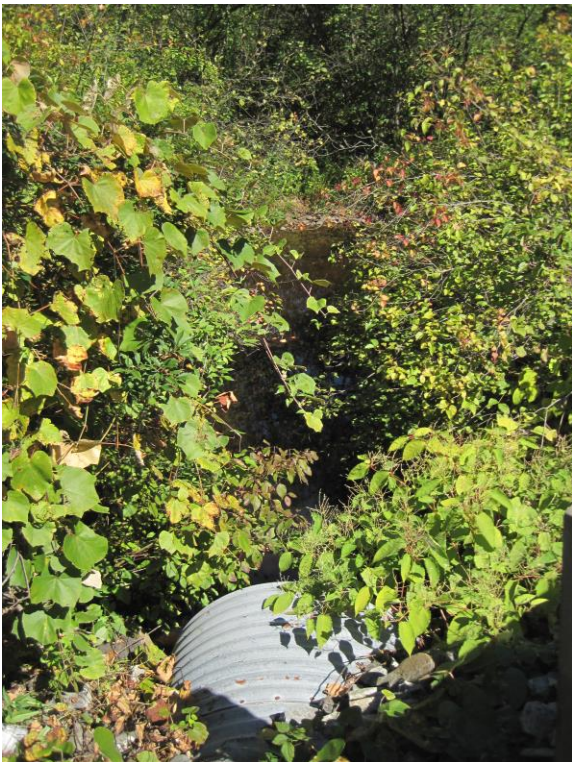
Stormwater Outfalls to Impoundment: some road runoff

Dam Owner: Ms. June Kulakowski,

Use of Pond and Potential for Modification:



177.16 Recreation Pond Dam – looking to outlet at Grant Road



outlet of culvert under Grant Road



Dam Number: 135.07
Town: Lee

Dam Name: Recreation Pond
River: natural swale leading to Lamprey

Physical Location: behind 45 Campground Road, Lee

Latitude: 43,5,4

Longitude: -71,0,25

Hazard Class: Non Menace

Status: Active

Height: 7.5 feet

Impoundment Size: 1.4 acres

Dam construction materials (earthen, concrete, other): earthen

Width of dam at crest: 12 feet

Historically Significant or on the National Register: no

Within a Historic District: no

Dry Hydrants: none

Public or Private Boat Ramps: none

Next downstream barrier to this dam: wetlands between dam and river

Stream characteristics below dam: undefined channel, thick vegetation

Next upstream barrier to this dam: no area upstream

Stream characteristics above dam: no stream

Is the impoundment behind the dam on the state's impaired waters list? no

Stormwater Outfalls to Impoundment: none

Dam Owner: Mr. Wilbur Rogers, 45 Campground Road, Lee

Use of Pond and Potential for Modification: Built for recreation when this site was also a campground. Access to dam has eroded. Intermittent stream below dam has thick wetlands vegetation and is a short distance to the Lamprey River.



135.07 Recreation Pond – dam on opposite side of pond



view of area downstream of dam



Dam Number: 135.02
Town: Lee

Dam Name: Wadleigh Falls Dam
River: Lamprey

Physical Location: At intersection of Rte. 152 and Campground Road in Lee.

Latitude: 43,5,29

Longitude: -71,0,24

Hazard Class:

Status: breached

Height: 13 feet

Impoundment Size: 20 acres

Dam construction materials (earthen, concrete, other): stone, concrete

Width of dam at crest: 2 feet

Historically Significant or on the National Register: locally significant

Within a Historic District: yes

Dry Hydrants: none

Public or Private Boat Ramps: none

Next downstream barrier to this dam: none

Stream characteristics below dam: river with several small rapids and slow waters

Next upstream barrier to this dam: none

Stream characteristics above dam: also small rapids and slow waters

Is the impoundment behind the dam on the state's impaired waters list? no

Stormwater Outfalls to Impoundment: multiple road crossings, urban areas several miles upstream

Dam Owner: Mr. Peter Dodge, 14 Runnymede Drive, North Hampton

Use of Pond and Potential for Modification: This dam is considered in ruins but what remains is somewhat of a barrier to fish. Multiple agencies are considering options to modify to accommodate more fish species.



right side of breached dam



center section of breached dam



Dam Number: 078.03
Town: Epping

Dam Name: Farm Pond
River: natural swale

Physical Location: behind farmhouse at 83 Old Nottingham Road between North River Road and High Road.

Latitude:

Longitude:

Hazard Class: Non Menace

Status: Active

Height: 6 feet

Impoundment Size: 0.22 acres

Dam construction materials (earthen, concrete, other): earthen

Width of dam at crest: 10 feet

Historically Significant or on the National Register: no

Within a Historic District: no

Dry Hydrants: none

Public or Private Boat Ramps: none

Next downstream barrier to this dam: none

Stream characteristics below dam: intermittent drainage to Rum Brook

Next upstream barrier to this dam: hayfield

Stream characteristics above dam: hayfield

Is the impoundment behind the dam on the state's impaired waters list? no

Stormwater Outfalls to Impoundment: no

Dam Owner: Mr. Daniel Sullivan, 83 Old Nottingham Road, Epping

Use of Pond and Potential for Modification: Farm pond and recreation. Minimal connection with Rum Brook.



Dam Number: 078.05
Town: Epping

Dam Name: Melling Glen Woodlands
River: tributary of Lamprey

Physical Location: Old Hedding Road east from Rte. 125, turn right onto East Delaney Drive. Follow to where road crosses stream. Road built on crest of dam.

Latitude: 43,2,44

Longitude: -71,2,46

Hazard Class: Low

Status: Active

Height: 19 feet

Impoundment Size: .7 acre

Dam construction materials (earthen, concrete, other): earthen

Width of dam at crest: 30 feet

Historically Significant or on the National Register: no

Within a Historic District: no

Next downstream barrier to this dam: none

Stream characteristics below dam: small stream

Next upstream barrier to this dam: none

Stream characteristics above dam: dam at uppermost part of drainage area

Is the impoundment behind the dam on the state's impaired waters list? no

Stormwater Outfalls to Impoundment: some street runoff

Dam Owner: Melling Glen Homeowners Association,

Use of Pond and Potential for Modification: This pond collects stormwater and acts as a dry hydrant for fire control in this neighborhood. Dam and road are one and the same.



078.05 Melling Glen Woodlands Detention Pond
view of dam and outlet and downstream conditions



Dam Number: 078.09
Town: Epping

Dam Name: Picard Detention Pond
River: runoff

Physical Location: At Shell Station on Rte. 125 at Rte. 27 crossing. Detention pond is uphill from gas station parking lot.

Latitude: 43,2,5

Longitude: -71,4,12

Hazard Class:

Status: Exempt

Height: 2 feet

Impoundment Size: 0.01 acre (after rainfall only)

Dam construction materials (earthen, concrete, other): earthen berm

Width of dam at crest: 1 foot

Historically Significant or on the National Register: no

Within a Historic District: no

Dry Hydrants: none

Public or Private Boat Ramps: none

Next downstream barrier to this dam: NA

Stream characteristics below dam: dry swale

Next upstream barrier to this dam: NA

Stream characteristics above dam: parking lots

Is the impoundment behind the dam on the state's impaired waters list? no

Stormwater Outfalls to Impoundment: parking lots

Dam Owner: Ms. Pamela Noon, 381 Woodman Road, South Hampton

Purpose of Dam: used for stormwater runoff from commercial development parking lots found on all sides



Dam Number: 078.01
Town: Epping

Dam Name: Lamprey River Town Dam
River: Lamprey

Physical Location: Behind Epping Town Hall, downstream of Main Street. Only a few boards are left at the bottom of the channel and are visible only in low flow.

Latitude: 43,2,20

Longitude: -71,4,19

Hazard Class:

Status: Ruins

Height: was 6 feet, now 0

Impoundment Size: none

Dam construction materials (earthen, concrete, other): was boards, stone

Width of dam at crest:

Historically Significant or on the National Register: locally significant

Within a Historic District: yes

Dry Hydrants: none

Public or Private Boat Ramps: none

Next downstream barrier to this dam: Wadleigh Falls

Stream characteristics below dam: slow moving, rocky

Next upstream barrier to this dam: none

Stream characteristics above dam: slow moving, rocky

Is the impoundment behind the dam on the state's impaired waters list? no

Stormwater Outfalls to Impoundment: street runoff

Dam Owner: Town of Epping

Use of Pond and Potential for Modification: Dam is gone. Only a few boards visible at extreme low flow.



078.021 Lamprey River Town Dam – no dam left



all that remains of the original dam



Dam Number: 078.06
Town: Epping

Dam Name: Bytne Dam
River: unnamed stream

Physical Location: Prescott Road west from Epping High School, turn right onto Dearborn Road. 121 Dearborn. Dam is on right. No trespassing signs posted.

Latitude: 43,3,36

Longitude: -71,5,51

Hazard Class: Non Menace

Status: Active

Height: 5 feet

Impoundment Size: .55 acre

Dam construction materials (earthen, concrete, other): earthen

Width of dam at crest: 12 feet

Historically Significant or on the National Register: no

Within a Historic District: no

Dry Hydrants: none

Public or Private Boat Ramps: none

Next downstream barrier to this dam: Prescott Road

Stream characteristics below dam: wetlands, no defined channel

Next upstream barrier to this dam: no stream

Stream characteristics above dam: no stream

Is the impoundment behind the dam on the state's impaired waters list? no

Stormwater Outfalls to Impoundment: some runoff from dirt road

Dam Owner: Ms. Diane Byrne, 121 Dearborn Road, Epping

Use of Pond and Potential for Modification: Used for family fun. Pond is at uppermost of drainage area with wetlands below it so not potential habitat for fish.



078.06 Bytne Dam – downstream of dam



grassed earthen dam



Dam Number: 078.07

Dam Name: Hoar Pond Dam

Town: Epping

River: intermittent stream to Lamprey

Physical Location: Prescott Road west past Epping High School. Turn right onto Beniah Lane. Pond is on right ¼ mile up road.

Latitude: 43,2,53

Longitude: -71,5,11

Hazard Class: Low

Status: Active

Height: was 5.8 feet

Impoundment Size: was 26 acres

Dam construction materials (earthen, concrete, other): earthen

Width of dam at crest: was 5-8 feet

Historically Significant or on the National Register: no

Within a Historic District: no

Dry Hydrants: none

Public or Private Boat Ramps: none

Next downstream barrier to this dam: culvert under Prescott Road

Stream characteristics below dam: tiny intermittent stream

Next upstream barrier to this dam: none

Stream characteristics above dam: no stream

Is the impoundment behind the dam on the state's impaired waters list? no

Stormwater Outfalls to Impoundment: no

Dam Owner: Town of Epping

Use of Pond and Potential for Modification: No recreation facilities. Dam is breached.

Beavers are maintaining the water level.



078.07 Hoar Pond, Epping

Former earthen dam is breached and beavers have rebuilt the dam in front of the breached dam. Height of beaver dam is about the same as the former earthen dam.



Beavers now are now responsible for the height of the dam.



remnants of the discharge pipe



Hoar Pond outlet now by-passed by breached area to right



Dam Number: 078.10
Town: Epping

Dam Name: GFC Realty Trust Pond
River: unnamed stream leading to Lamprey

Physical Location: behind house at 37 Oakbridge, off Prescott Road

Latitude: 43,3,3

Longitude: -71,6,44

Hazard Class: Non Menace

Status: Active

Height: 10.5 feet

Impoundment Size: 4 acres

Dam construction materials (earthen, concrete, other): earthen

Width of dam at crest: 5 feet

Historically Significant or on the National Register: no

Within a Historic District: no

Dry Hydrants: none

Public or Private Boat Ramps: none

Next downstream barrier to this dam: none

Stream characteristics below dam: intermittent stream

Next upstream barrier to this dam: Prescott Road crossing

Stream characteristics above dam: wetlands

Is the impoundment behind the dam on the state's impaired waters list? no

Stormwater Outfalls to Impoundment: runoff from Prescott Road

Dam Owner: GCF Realty Trust, 27 Escumbuit Road, Atkinson

Use of Pond and Potential for Modification: Older pond with earth bank that was breached in the floods of 2007. Pond size is now much smaller and grown with vegetation.



078.10 GCF Realty Trust Pond - breach



This shows how large the pond used to be and what is water area now.



Dam Number: 078.11
Town: Epping

Dam Name: GFC Realty Trust Detention Pond
River: runoff

Physical Location: In the Oakbridge subdivision off Prescott Road

Latitude: 43,2,54

Longitude: -71,6,22

Hazard Class: Non Menace

Status: Active

Height: 10.5

Impoundment Size: 0.5acres

Dam construction materials (earthen, concrete, other): earthen

Width of dam at crest: unknown

Historically Significant or on the National Register: no

Within a Historic District: no

Dry Hydrants: none

Public or Private Boat Ramps: none

Next downstream barrier to this dam: none

Stream characteristics below dam: tiny intermittent stream

Next upstream barrier to this dam: road crossings

Stream characteristics above dam: tiny intermittent stream

Is the impoundment behind the dam on the state's impaired waters list? no

Stormwater Outfalls to Impoundment: yes, from subdivision

Dam Owner: GCF Realty Trust, 27 Escumbuit Road, Atkinson

Use of Pond and Potential for Modification: unable to find a detention pond, only an old earthen dam about 3 feet high that has been breached and is now used by beavers



078.11 GCF Realty Trust Detention Pond???



downstream



Dam Number: 078.02
Town: Epping

Dam Name: Bunker Pond Dam
River: Lamprey

Physical Location: Mary Blair Park, Rte. 27 near Epping/Raymond town line.

Latitude: 43,2,26

Longitude: -71,7,47

Hazard Class: N/A

Status: Removed

Height: was 15 feet

Impoundment Size: 29 acres

Dam construction materials (earthen, concrete, other): was concrete

Width of dam at crest: N/A

Historically Significant or on the National Register: locally significant

Within a Historic District: historic mill sites nearby

Dry Hydrants: none

Public or Private Boat Ramps: none

Next downstream barrier to this dam: Wadleigh Falls

Stream characteristics below dam: rapids and slow moving water

Next upstream barrier to this dam: none

Stream characteristics above dam: rapids and slow moving water

Is the impoundment behind the dam on the state's impaired waters list? no

Stormwater Outfalls to Impoundment: road crossings and street runoff

Dam Owner: State of NH

Use of Pond and Potential for Modification: Was rebuilt in 1950s for open water habitat.

This dam has been removed by the State of NH. Only concrete abutments remain.



Dam Number: 135.03
Town: Lee

Dam Name: North River Dam
River: North River

Physical Location: Where Rte. 152 crosses the North River on the Lee/Nottingham town line.

Latitude: 43,5,49

Longitude: -71,3,34

Hazard Class:

Status: Ruins

Height: was 12 feet

Impoundment Size: was 5 acres

Dam construction materials (earthen, concrete, other): stone

Width of dam at crest:

Date of original construction, if known:

Historically Significant or on the National Register: locally significant

Within a Historic District: no

Dry Hydrants: none

Public or Private Boat Ramps: none

Next downstream barrier to this dam: none

Stream characteristics below dam: rapids, riffles

Next upstream barrier to this dam: various road culverts

Stream characteristics above dam: riffles and increasingly shallow stream

Is the impoundment behind the dam on the state's impaired waters list? no

Stormwater Outfalls to Impoundment: road runoff

Dam Owner: Mr. Jerry Beckman, 90 Harvey Mill Road, Lee

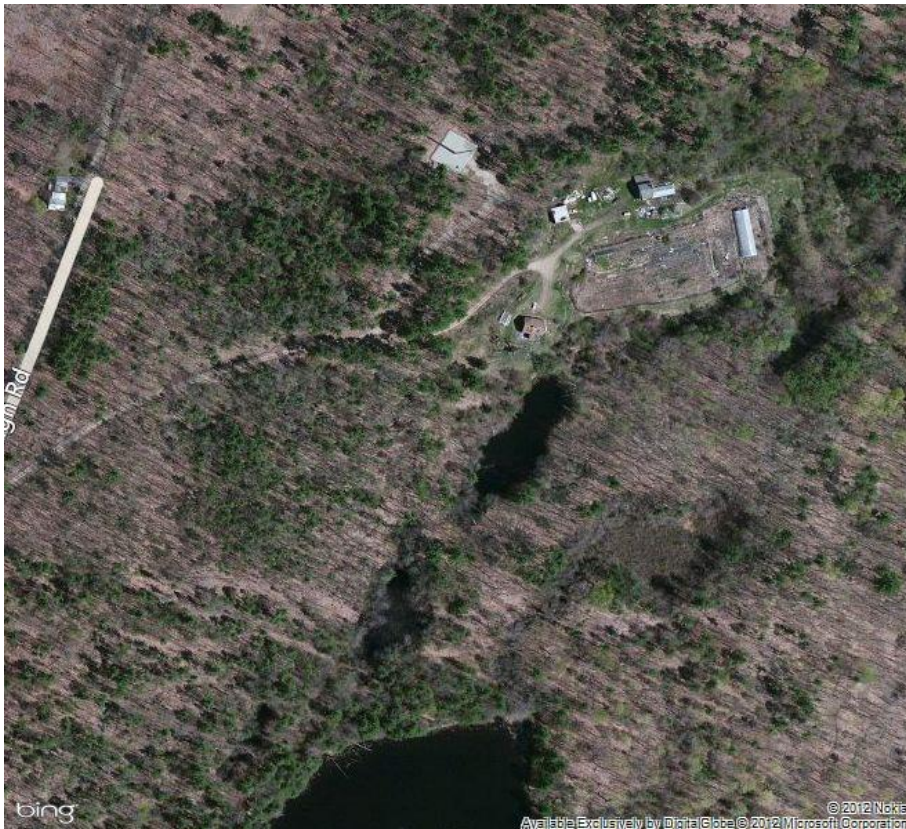
Use of Pond and Potential for Modification: was a mill dam, now gone



135.03 North River Dam



view upstream from bridge



Dam Number: 078.04
Town: Epping

Dam Name: Farm Pond
River: natural swale

Physical Location:

Latitude:

Longitude:

Hazard Class: Non Menace

Status: Active

Height: 8 feet

Impoundment Size: 1 acre

Dam construction materials (earthen, concrete, other): earthen

Width of dam at crest: 8 feet

Historically Significant or on the National Register: no

Within a Historic District: no

Dry Hydrants: none

Public or Private Boat Ramps: none

Next downstream barrier to this dam: Road crossing at High Road

Stream characteristics below dam: intermittent stream

Next upstream barrier to this dam: none

Stream characteristics above dam: no drainage upstream from pond

Is the impoundment behind the dam on the state's impaired waters list? no

Stormwater Outfalls to Impoundment: none

Dam Owner: Fox Run Campground, High Road, Epping

Use of Pond and Potential for Modification: Recreation. Pond is isolated from most of the drainage system.



Dam Number: 078.08
Town: Epping

Dam Name: Thomas Recreation Pond
River: Rollins Brook

Physical Location: From Epping downtown, follow Plummer Street and take left onto French Road. House on left. Garage near road and house set back. Pond next to road.

Latitude: 43,4,41

Longitude: -71,5,45

Hazard Class:

Status: Exempt

Height: 3 feet

Impoundment Size: 0.75 acres

Dam construction materials (earthen, concrete, other): earth and concrete

Width of dam at crest: 1.5 feet

Historically Significant or on the National Register: no

Within a Historic District: no

Dry Hydrants: none

Public or Private Boat Ramps: none

Next downstream barrier to this dam: Road crossings at French Road and then Plummer

Stream characteristics below dam: small stream

Next upstream barrier to this dam: none

Stream characteristics above dam: small stream

Is the impoundment behind the dam on the state's impaired waters list? no

Stormwater Outfalls to Impoundment: some runoff from dirt road

Dam Owner: likely Francisco Cordeiro, 34 French Road, Epping

Use of Pond: used for beauty and wildlife



078.08 Thomas Recreation Pond - Dam is left open and is currently storing less water than it could. On main stream of Rollins Brook which is good for trout.



downstream on Rollins Brook



Dam Number: 135.15
Town: Lee

Dam Name: Hoey Wildlife Pond
River: unnamed wetland leading to Rollins Brook

Physical Location: Plummer Road to Nottingham Road. Bare right onto Center Road then right onto private drive.

Latitude: 43,5,14

Longitude: -71,3,58

Hazard Class: Non Menace

Status: Active

Height: 3.5 feet

Impoundment Size: 7 acres

Dam construction materials (earthen, concrete, other): earthen

Width of dam at crest: 50 feet – also serves as drive to house

Historically Significant or on the National Register: no

Within a Historic District: no

Dry Hydrants: none

Public or Private Boat Ramps: none

Next downstream barrier to this dam: none

Stream characteristics below dam: wetlands

Next upstream barrier to this dam: wetlands

Stream characteristics above dam: intermittent

Is the impoundment behind the dam on the state's impaired waters list? no

Stormwater Outfalls to Impoundment: none

Dam Owner: Mr. Jeffrey Hoey, 11 Fogarty Road, Barrington

Use of Pond and Potential for Modification: wildlife and as wetlands crossing to get to the owner's house



135.15 Hoey Wildlife Pond – also is the driveway to the house



Outlet goes to wetlands with undefined channel.



Dam Number: 135.04
Town: Lee

Dam Name: Thompson Little River Dam
River: Little River

Physical Location: Behind 14 Tuttle Road near intersection of Rte. 155 in Lee

Latitude: 43,6,47

Longitude: -71,0,50

Hazard Class:

Status: breached

Height: was 5

Impoundment Size: none

Dam construction materials (earthen, concrete, other): was concrete

Width of dam at crest: N/A

Historically Significant or on the National Register: locally historic

Within a Historic District: no

Dry Hydrants: none

Public or Private Boat Ramps: none

Next downstream barrier to this dam: none

Stream characteristics below dam: fast and slow moving stream

Next upstream barrier to this dam: road culvert at Rte. 155 then Cartland Road

Stream characteristics above dam: riffles and some slow waters

Is the impoundment behind the dam on the state's impaired waters list? no

Stormwater Outfalls to Impoundment: runoff from Rte. 155

Dam Owner: Arthur Bradbury, 14 Tuttle Road, Lee

Use of Pond and Potential for Modification: N/A



135.04 Thompson Little River Dam upstream view



downstream view



what is left of the concrete dam



Dam Number: 177.02
Town: Newmarket

Dam Name: Piscassic River Dam
River: Piscassic River

Physical Location: On Packers Falls Road near Mastin Drive

Latitude: 43,4,56

Longitude: -70,56,55

Hazard Class: Non Menace

Status: Active

Height: 9 feet

Impoundment Size: 4 acres

Dam construction materials (earthen, concrete, other): stone, concrete

Width of dam at crest: 2 feet

Historically Significant or on the National Register: locally significant

Within a Historic District: no

Dry Hydrants: n0

Public or Private Boat Ramps: no

Next downstream barrier to this dam: Macallen Dam with fish passage

Stream characteristics below dam: impoundment area of Macallen Dam

Next upstream barrier to this dam: road crossing at Rte. 152

Stream characteristics above dam: slow moving stream, 1 to 3 feet deep

Is the impoundment behind the dam on the state's impaired waters list? no

Stormwater Outfalls to Impoundment: multiple street runoff locations

Dam Owner: Town of Newmarket

Use of Pond: water supply, not currently in use

Required modifications: could possibly have rocks placed on downstream side of dam to aid fish reaching up and over the top



177.02 Piscassic River Dam





Dam Number: 177.08
Town: Newmarket

Dam Name: Conservation Pond
River: Tributary near Piscassic

Physical Location: On Lang Road between Rte. 152 and Grant Road, just north of Winslow Drive.

Latitude: 43,4,48

Longitude: -70,58,9

Hazard Class: Non Menace

Status: Active

Height: 13 feet

Impoundment Size: 1.5 acres

Dam construction materials (earthen, concrete, other): earthen dam

Width of dam at crest: 15 feet

Historically Significant or on the National Register: no

Within a Historic District: no

Dry Hydrants: none

Public or Private Boat Ramps: none

Next downstream barrier to this dam: culvert under Lang Lane

Stream characteristics below dam: small, shallow, wooded

Next upstream barrier to this dam: stream dies out

Stream characteristics above dam: becomes intermittent stream

Is the impoundment behind the dam on the state's impaired waters list? no

Stormwater Outfalls to Impoundment: none

Dam Owner: Herbert G. Richmond, 60 Lang Lane, Newmarket (probably now Thomas Deblauw)

Use of Pond and Potential for Modification: This is a recreation pond that is long and narrow. It appears to have recent work as the emergency spillway rock looks new and the seeding on the embankment looks new. Due to the recent upkeep it would be very unlikely the owner would want to remove this dam.



177.08 emergency spillway



outlet to Conservation Pond



177.08 downstream of outlet to pond



culvert on Lang Lane downstream from dam



Dam Number: 177.14
Town: Newmarket

Dam Name: Fish Holding Pond Dam
River:

Physical Location: backyard of home located at 60 Lang Lane, Newmarket

Latitude: 43,4,42

Longitude: -70,58,2

Hazard Class:

Status: Breached

Height: 4 feet

Impoundment Size: 0.1 acre

Dam construction materials (earthen, concrete, other): earthen

Width of dam at crest: 6 feet

Historically Significant or on the National Register: no

Within a Historic District: no

Dry Hydrants: none

Public or Private Boat Ramps: none

Next downstream barrier to this dam: Conservation Pond Dam (177.08)

Stream characteristics below dam: impoundment area of next dam

Next upstream barrier to this dam: stream dies out

Stream characteristics above dam: trickle of a stream

Is the impoundment behind the dam on the state's impaired waters list? no

Stormwater Outfalls to Impoundment: none

Dam Owner: Thomas Deblauw, 60 Langs Lane, Newmarket

Use of Pond and Potential for Modification: This small dug pond was apparently used to hold fish. A monument nearby indicates used to be the site of the Newmarket Fishing Derby.





Dam Number: 177.18
 Town: Newmarket

Dam Name: Filion Enterprise Detention Pond
 River: unnamed drainage to Piscassic

Physical Location: Ash Swamp Road and Hamel Farm Drive

Latitude: 43,3,29

Longitude: -70,58,11

Hazard Class:

Status: Exempt

Height: 4.5

Impoundment Size: 0.14 acres

Dam construction materials (earthen, concrete, other): earthen

Width of dam at crest: no crest, this is a dug pond

Historically Significant or on the National Register: no

Within a Historic District: no

Dry Hydrants: yes

Public or Private Boat Ramps: no

Next downstream barrier to this dam: culvert under Ash Swamp Road

Stream characteristics below dam: ditch then intermittent drainage

Next upstream barrier to this dam: dry land

Stream characteristics above dam: no stream

Is the impoundment behind the dam on the state's impaired waters list? no

Stormwater Outfalls to Impoundment: this pond collects stormwater

Dam Owner: Filion Enterprises, Packers Falls Road, Newmarket

Use of Pond and Potential for Modification: Used for stormwater and removal is not to be considered. No upstream benefits.



177.18 Filion Detention Pond – upstream view



outlet to ditch next to Ash Swamp Road



Dam Number: 177.09
Town: Newmarket

Dam Name: Wildlife Pond Dam
River: unnamed tributary to Piscassic River

Physical Location: at end of private drive off of Ash Swamp Road, between Hamel Farm Drive and Madison Lane

Latitude: 43,3,13

Longitude: -70,57,58

Hazard Class: Non Menace

Status: Active

Height: 16 feet

Impoundment Size: 4 acres

Dam construction materials (earthen, concrete, other): earthen

Width of dam at crest: 10 feet

Historically Significant or on the National Register: no

Within a Historic District: no

Dry Hydrants: none

Public or Private Boat Ramps: none

Next downstream barrier to this dam: road crossing at Ash Swamp Road

Stream characteristics below dam: wetlands

Next upstream barrier to this dam: none

Stream characteristics above dam: wetlands, shallow water

Is the impoundment behind the dam on the state's impaired waters list? no

Stormwater Outfalls to Impoundment: no

Dam Owner: Mr. and Mrs. McAllister, Ash Swamp Road, Newmarket

Use of Pond appears to be for wildlife. Spillway looks unmaintained.



177.09 Wildlife Pond Dam spillway outlet



177.09 Wildlife Pond Dam looking upstream



Dam Number: 177.12
Town: Newmarket

Dam Name: Dug Pond Dam
River: undefined drainage to Piscassic

Physical Location: At Schanda Drive off of Grant Street

Latitude: 43,3,34

Longitude: -70,59,3

Hazard Class:

Status: Ruins

Height: 0 feet - dug

Impoundment Size: 0.1 acres

Dam construction materials (earthen, concrete, other): dug pond

Width of dam at crest: no crest

Historically Significant or on the National Register: no

Within a Historic District: no

Dry Hydrants: yes

Public or Private Boat Ramps: no

Next downstream barrier to this dam: none

Stream characteristics below dam: undefined channel

Next upstream barrier to this dam: no stream

Stream characteristics above dam: undefined channel

Is the impoundment behind the dam on the state's impaired waters list? no

Stormwater Outfalls to Impoundment: street runoff

Dam Owner: unknown

Use of Pond and Potential for Modification: used as emergency water source which is best use of this pond



pipe outlet well hidden under these rocks



view across Schanda Drive



Dam Number: 177.10
 Town: Newmarket

Dam Name: Dug Pond Dam
 River: undefined drainage to Piscassic

Physical Location: On Grant Road 100 yards west of Schanda Drive.

Latitude: 43,3,35

Longitude: -70,59,15

Hazard Class:

Status: Ruins

Height:

Impoundment Size (acres):

Dam construction materials (earthen, concrete, other): earthen

Width of dam at crest: 10 feet

Historically Significant or on the National Register: no

Within a Historic District: no

Dry Hydrants: none

Public or Private Boat Ramps: none

Next downstream barrier to this dam: not well connected to system

Stream characteristics below dam: undefined drainage

Next upstream barrier to this dam: none

Stream characteristics above dam: no stream

Is the impoundment behind the dam on the state's impaired waters list? no

Stormwater Outfalls to Impoundment: none

Dam Owner: Condominium Advisors, Inc., 76 Exeter Street, Newmarket

Use of Pond and Potential for Modification: Farm pond for beauty, recreation. No good connections to river system to provide fish benefit other than those that live in pond.