

SERVICES COMMITTEE MEETING

Monday, September 14, 2015

6:00 pm

HAMPDEN TOWN OFFICE

A G E N D A

1. MINUTES – August 10, 2015
2. OLD BUSINESS
3. NEW BUSINESS
 - a. Interview with applicant to serve on Board of Trustees, Lura E. Hoit Memorial Pool – Marsha Richardson
 - b. Recreation Plan 2015: presentation and discussion – Shelley Abbott, Recreation Director; and Recreation Committee
 - c. Request to use Recreation Clearing account funds - \$4,215.00 for Boiler Rooms Door Replacement at Skehan Recreation Center; and \$7,455.82 for purchase of replacement mower
 - d. Request for access to Papermill Park for installation of weir for eel research – Joseph Zydlewski, U.S. Geological Survey Maine Cooperative Fish & Wildlife Research Unit
4. PUBLIC COMMENTS
5. COMMITTEE MEMBER COMMENTS

SERVICES COMMITTEE MEETING MINUTES
Monday, August 10, 2015

Attending:

Councilor Terry McAvoy
Mayor David Ryder
Interim Manager Sue Lessard

Councilor William Shakespeare
Councilor Stephen Wilde (6:10 p.m.)

The meeting was opened at 6 p.m. by Chairman McAvoy.

1. MINUTES – July 13, 2015 – The minutes of the 7-13-15 meeting were reviewed and approved with no changes.
2. OLD BUSINESS
 - a. Audio/Visual/Cable TV Equipment Upgrade – Motion by Mayor Ryder, seconded by Councilor Shakespeare to recommend to Finance that NESCOM and AVCorp provide the equipment upgrade and training & installation for new audio/video equipment to be funded from Host Community Benefit and repaid from the Time Warner PEG grant when the new contract is signed. Unanimous vote in favor.
 - b. Town Attorney RFQ Responses – The Finance Committee will meet with representatives from three interested firms on Monday, August 17th starting at 530 pm along with the incoming Town Manager. The new Town Manager will follow up with candidates after that meeting and make a final recommendation to the Council.
 - c. Recreation Fields Update – Mayor Ryder – Mayor Ryder reported that he had been in discussion with Daryl Couilliard and property owners abutting his property on the Back Winterport Road about the possibility of acquiring land for recreation fields. The Committee was supportive of the Mayor continuing to explore this possibility.
3. NEW BUSINESS - None
4. PUBLIC COMMENTS - None
5. COMMITTEE MEMBER COMMENTS – None

The meeting was adjourned at 6:40 p.m.

Respectfully submitted,

Sue Lessard
Interim Town Manager



Check One: Initial Application
 Reappointment Application

TOWN OF HAMPDEN
APPLICATION FOR TOWN BOARDS AND COMMITTEES

NAME: Richardson MARSHA J
LAST FIRST MI
ADDRESS: 337 South Main St. Winterset 04496
STREET TOWN ZIP

MAILING ADDRESS (if different): PO Box 260

TELEPHONE: 207 223 8886 _____
HOME WORK

EMAIL: capnstoker@aol.com

OCCUPATION: CPA/Auditor (Retired.)

BOARD OR COMMITTEE PREFERENCE:
FIRST CHOICE: Pool Board

SECOND CHOICE (OPTIONAL): _____

How would your experience, education and/or occupation be a benefit to this board or committee? Years of Church fund raising, recruiting, teaching training, interfacing w/ executive management and
OCCE/FRA Examiners. Has been director of YWCA
in 2 locations & served competitively. 8/31

Are there any issues you feel this board or committee should address, or should continue to address? _____

- CONSERVATION COMMITTEE
- BOARD OF ASSESSMENT REVIEW
- PERSONNEL APPEALS BOARD
- LURA HOIT MEMORIAL POOL
- ECONOMIC DEVELOPMENT COMMITTEE
- FRIENDS OF DOROTHEA DIX PARK

3 YEAR

- DYER LIBRARY
- RECREATION COMMITTEE
- BOARD OF APPEALS
- HISTORIC PRESERVATION COMMITTEE
- TREE BOARD

5 YEAR
PLANNING BOARD

FOR TOWN USE ONLY		Date Application Received: <u>JUL 08 2015</u>
COUNCIL COMMITTEE ACTION: _____	DATE: _____	
COUNCIL ACTION: _____	DATE: _____	
<input type="checkbox"/> NEW APPT	<input type="checkbox"/> REAPPOINTMENT	DATE APPOINTMENT EXPIRES: _____

MEMO

Recreation Department-Skehan Recreation Center

To: Town Manager Angus Jennings
From: Recreation Director Shelley Abbott
CC:
Date: 9/10/2015
Re: Recreation Clearing Request

**Town of Hampden
RECEIVED**

SEP 10 2015

**Office of the
Town Manager**

Comments: I am requesting to use Recreation Clearing account number 1-199-01 for the purpose of the following items:

Boiler Rooms Door Replacement-Skehan Recreation Center \$4215.00

Set of metal double doors accessing the boiler room are currently rusted through. HHA LLC. is requesting replacement of this set of doors at our expense, per the triple net lease. Quote from PDQ Door Attached.

John Deere Z950 M Commercial Z Track Mower \$7455.82

Public Works is requesting assistance with the replacement of the mower that is primarily assigned for maintenance of recreation sports fields. This quote includes Trade In Allowance for current mower. Quote from Greenway Equipment Attached.

Total Request from Recreation Clearing Account 1-199-01 \$11670.82

Thank you for consideration of this request.

Shelley Abbott
Recreation Director



MAIN OFFICE:
 589 Main Road North
 Hampden, Maine 04444
 800-734-1401 pdqdoor.com

Estimate

Date Estimate #
 9/3/2015 H114915

West Bath Rockport Waterville Houlton

Submitted To:

Town of Hampden
 106 Western Avenue
 Hampden, ME 04444

Job Location:

Public works
 Skeeahan Center

Terms	Rep	Customer Phone	Fax # / Cell #	P.O. # / Job Name
NET 10	Steve	(207) 862-3337	Shawn/478-8396	
Qty	Description			Total
1	Hollow Metal Doors And Frame, 7072, Pair, Nrp Hinges, 12 " x 24 " Bottom Louvers, Lock Set Flush Bolts, Weather Strip, Threshold, And Door Sweeps. Change Out, And Hall Away And Install New.			4,215.00

Additional charges will apply if we determine there is a presence of lead paint on existing doors/openings. Testing will be done on any residential building built prior to 1978.

Total \$4,215.00

Trim boards must be installed prior to weatherstripping. Additional charge of \$79.00 to install at a later date.

Additional charges will apply if garage floor is not poured at the time of installation.

All warranties are void if installation is required prior to roof and wall sheathing installation.

CUSTOMER IS RESPONSIBLE FOR ANY WIRING (IE. OUTLETS, HARDWIRING).

Quotes are good for 30 days. All prices are contingent upon site inspection.

*Signature below indicates that you accept the terms of the agreement. All unpaid balances in excess of 30 days will be subject to 1.5% per month late charge plus reasonable collection costs including court fees, service fees, and attorney's fees.

Printed Name: _____ Signature: _____

Hampden Phone #	Hampden Fax #	Hampden Toll Free #	Representative's Email Address
207-947-1899	207-947-1839	1-800-734-1401	

Estimate Submitted By: _____

Quote Summary

Prepared For:
 Town Of Hampden
 106 Western Ave
 Hampden, ME 04444
 Business: 207-862-3034

Prepared By:
 Jeremy Snow
 Greenway Equipment Sales
 1701 Hammond Street
 Bangor, ME 04401
 Phone: 207-990-4433
 jeremy@greenwayequipment.com

Quote Id: 12000120
Created On: 24 August 2015
Last Modified On: 27 August 2015
Expiration Date: 29 September 2015

Equipment Summary	Selling Price	Qty	Extended
JOHN DEERE Z950M Commercial ZTrak	\$ 8,455.82 X	1 =	\$ 8,455.82
Equipment Total			\$ 8,455.82

Trade In Summary	Qty	Each	Extended
2008 JOHN DEERE Z850A 31HP PRO 60" MID-Z - TCZ850A014008	1	\$ 1,000.00	\$ 1,000.00
PayOff			\$ 0.00
Total Trade Allowance			\$ 1,000.00
Trade In Total			\$ 1,000.00

Quote Summary

Equipment Total	\$ 8,455.82
Trade In	\$ (1,000.00)
SubTotal	\$ 7,455.82
Total	\$ 7,455.82
Down Payment	(0.00)
Rental Applied	(0.00)
Balance Due	\$ 7,455.82

Salesperson : X _____

Accepted By : X _____



Selling Equipment

Quote Id: 12000120

Customer: TOWN OF HAMPDEN

JOHN DEERE Z950M Commercial ZTrak

Hours:

Stock Number:

				Selling Price
				\$ 8,455.82
Code	Description	Qty	Unit	Extended
0691TC	Z950M Commercial ZTrak	1	\$ 10,889.00	\$ 10,889.00
Standard Options - Per Unit				
001A	United States and Canada	1	\$ 0.00	\$ 0.00
1036	24x12x12 Pneumatic Turf Tire for 54 In. and 60 In. Decks	1	\$ 0.00	\$ 0.00
1504	60 In. 7-Iron PRO Side Discharge Mower Deck	1	\$ 0.00	\$ 0.00
2002	Fully Adjustable Suspension Seat with Armrests	1	\$ 475.00	\$ 475.00
Standard Options Total				\$ 475.00
Other Charges				
	EnviroCrate	1	\$ 40.00	\$ 40.00
	Setup	1	\$ 70.00	\$ 70.00
Other Charges Total				\$ 110.00
Suggested Price				\$ 11,474.00
Customer Discounts				
Customer Discounts Total			\$ -3,018.18	\$ -3,018.18
Total Selling Price				\$ 8,455.82



Trade In

Quote Id: 12000120

Customer: TOWN OF HAMPDEN

2008 JOHN DEERE Z850A 31HP PRO 60" MID-Z

SN# TCZ850A014008

Machine Details

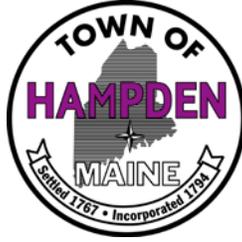
Description	Net Trade Value
2008 JOHN DEERE Z850A 31HP PRO 60" MID-Z SN# TCZ850A014008 Your Trade In Description	\$ 1,000.00

Additional Options

Hour Meter Reading 1900

Total \$ 1,000.00

Town of Hampden
106 Western Avenue
Hampden, Maine 04444



Phone: (207) 862-3034
Fax: (207) 862-5067
Email:
townmanager@hampdenmaine.gov

TO: Town Council Service Committee
FROM: Angus Jennings, Town Manager
DATE: September 10, 2015
RE: USGS request for eel research / access to Papermill Park

The attached request has come forward from Joseph Zydlewski of the U.S. Geological Survey Maine Cooperative Fish and Wildlife Research Unit. He seeks authorization for temporary vehicular access to Papermill Park for the purposes of installing a weir to study eel migration timing, movement patterns and survival.

This request is referred to the Services Committee to make a recommendation to the Town Council regarding whether to authorize the access subject to the terms included in the request, including:

- Temporary vehicular access, as soon as can be achieved, for the purposes of installing the weir;
- Twice-daily monitoring of the weir trap;
- Posting of a small sign near the weir site including researchers' contact information;
- Term of work to extend until December 31, 2015 or until the stream freezes.

If access and associated activities are authorized, the work would be coordinated through the Department of Public Works and Recreation Department as needed.

Upon recommendation by the Services Committee, this matter would be forwarded to the Council for consideration at the September 21 meeting.

Migration and Survival of Penobscot River American eels

Joseph Zydlewski, U.S. Geological Survey- Maine Cooperative Fish and Wildlife Research Unit
5755 Nutting Hall, Orono, ME 04469-5755 Phone (207) 581- 2853 jzydlewski@usgs.gov

Eels exhibit a complex, catadromous life history, migrating to the Sargasso Sea as large, adult, “silver” eels to spawn and die. Their offspring are carried by ocean currents as willow leaf –shaped larvae and they metamorphose into “glass” eels as they enter into river systems. In freshwater, they initiate feeding and become “yellow” eels. Yellow eels take up residence in areas from the estuary to up river sites. This yellow eel growth phase can last up to 25 years (Velez-Espino and Koops 2009) before undergoing a second transformation, including color change, to a downstream-migrating silver eel.

Historically the American eel was the target species of a lucrative fishery (Baldwin et al. 1979), however this fishery has collapsed over the last few decades (Casselmann 2003; MacGregor et al. 2008) and eels are in decline worldwide (Mathers and Stewart, 2009). Such declines are troubling as eels play an integral role in maintaining biological integrity in fish communities (Meixler 2011). As such, eel conservation has become a high priority of both fishery managers and conservationists in many freshwater ecosystems.

One well-documented source of mortality for silver eels is through hydroelectric facilities encountered during downstream migration (e.g. Carr and Whoriskey, 2008). Tagging studies have demonstrated that a majority of eels pass through turbines at hydroelectric facilities rather than using surface-oriented bypass facilities (Brown et al., 2009). As a result, deaths from turbines at hydroelectric facilities can be significant (McCleave 2001, Durif et al. 2003) and serious injuries are observed in those that survive (Kiraly, University of Maine, unpublished data). Such a high loss of sexually mature adults can result in a substantial, negative impact on eel population dynamics because there are fewer adults to produce the next generation. Decreasing mortality at dams is therefore an important conservation goal. Shutting down turbines during migration would satisfy conservation goals, but at an operational cost. As a result, there is a difficult trade-off between the ecological benefit of shutting down turbines to allow safe eel passage and the economic detriment of no power generation.

Much research has been conducted on the timing of silver eel migration. The movement of eels occurs during a relatively short period in the fall, usually associated with episodes of high precipitation and high river flows (Durif and Elie 2008, Haro et al 2002, Haro 2003). In addition, eels tend to migrate at night and lunar phase is an important correlate of downstream migration.

The construction and operation of a weir in Souadabscook Stream will allow us to do two things. First, we will be able to improve our understanding of how silver eel migration timing is related to environmental factors such as lunar phase and stream flow. With this understanding, we can more accurately predict downstream migration timing. Accurate migration timing predictions can be useful to managers who wish to maximize hydropower production and American eel survival. Second, catching and tagging eels at the weir will allow us to transport several individuals above Milford Dam and to study their movement and survival through the dam, again with the ultimate goal of improving downstream survival and hydropower efficiency.

Construction of the weir in Souadabscook Stream, adjacent to Papermill Recreation Area, will require the movement of large metal construction materials and heavy tools. Access to the

gate on site would allow us to drive our equipment to the stream's edge, and would improve efficiency of weir installation, fish sampling and surgery, and weir removal.

Planned work at the weir site:

1) Construction of a weir for capturing American eels

Our goal is to collect mature adult American eels as they migrate downstream from Souadabscook Stream toward the Penobscot River. The weir will be constructed atop the concrete foundation of an old weir at the same site using steel poles and fiberglass or aluminum slats that will block the stream and guide passing fish into a trap. The weir will only catch fish at night to minimize the number of non-target fish captured. The weir trap will be checked and opened every morning and closed again at dusk. The weir will remain in place throughout the period of fall downstream migration, until December 31, 2015 or the stream freezes. We will then remove all structures from the stream; no permanent changes will be made to the waterway. Mature eels trapped will be retained so we can implant an acoustic tag, and non-target fish will be released.

2) Acoustic tag implanting

Acoustic tags are small devices used to track the location of a fish. Acoustic tagging is a common practice in which tags are surgically implanted into the fish's body cavity with minimal impact on the fish's health and movement. These tags allow us to track the location of fish for over a year, and we hope that our project will help us understand how American eels are moving through hydroelectric facilities on the Penobscot River.

After American eels are caught at the weir near Papermill Recreation Area, we will perform a short surgical procedure to implant the acoustic tags. The University of Maine's Institutional Animal Care and Use Committee (IACUC), the entity charged with ensuring that UMaine animal research is conducted in an ethical and humane manner, has already granted approval for this routine surgical procedure. After the eels have recovered from surgery, they will be transported to a site in the Penobscot River above Milford Dam.

3) Signage

We would like to post a small sign near the weir site explaining the purpose of the weir, the agencies conducting the research, and to provide our contact information for those who would like more information about the project. It is our hope that sharing information with the public will get them interested in the work we are doing, and make them less likely to disturb the weir or the eels. We are happy to discuss our work with passing Papermill Recreation Area visitors on site during our two daily visits.

References

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- Brown, L., A. Haro, T. Castro-Santos. 2009. *Three-dimensional movement of silver-phase eels in the forebay of a small hydroelectric facility. American Fisheries Society Symposium 58: 277-291.*
- Carr, J. W. and Whoriskey, F. G. (2008) *Migration of silver American eels past a hydroelectric dam and through a coastal zone Fisheries Management and Ecology 15(5-6):393-400.*
- Casselman, J. M. 2003. *Dynamics of resources of the American eel, Anguilla rostrata: declining abundance in the 1990s. Pages 255-274 in K. Aida, K. Tsukamoto, and K. Yamauchi, editors. Eel biology. Springer-Verlag,*

- Tokyo. Casselman, J.M., and D.K. Cairns. 2009. *Eels at the edge: Sciences, status and conservation concerns*. *American Fisheries Symposium* 58.
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- Haro, A. 2003. *Downstream migration of silver-phase anguillid eels*. Pages 215-222 in K. Aida, K. Tsukamoto, and K. Yamauchi, editors. *Eel Biology*. Springer, Tokyo.
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- McCleave, J.D. 2001. *Simulation of the impact of dams and fishing weirs on reproductive potential of silver-phase American eels in the Kennebec River Basin, Maine*. *North American Journal of Fisheries Management* 21: 592-605.
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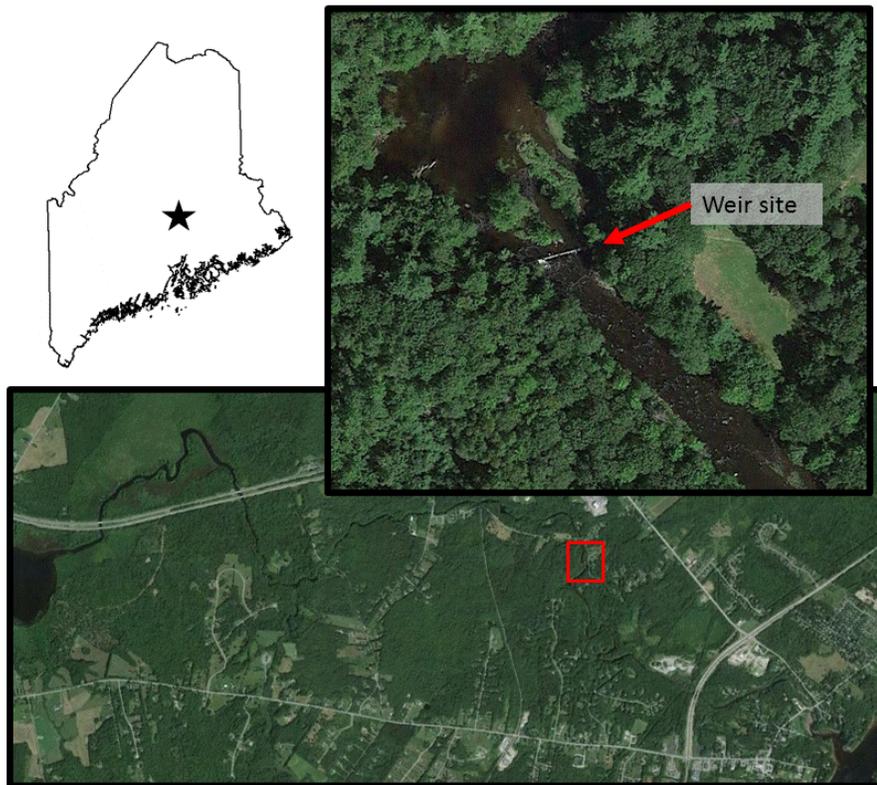


Figure 1. Map of the location of the proposed work on Souadabscook Stream. Smaller inset shows location of the old weir footing.



Figure 2. Pictures of eel weir operated by Jim and Gloria Bennet in the 1980-1990's.