

Public Facilities draft

V. PUBLIC FACILITIES AND SERVICES

V. A: INTRODUCTION

A thorough understanding of a town's public services is necessary to determine any current constraints to growth and development. A plan should assess how changing demographics and development trends will affect the demand for town services and assess their adequacy. A plan should also identify needed capital improvements

State Goal

To plan for, finance and develop an efficient system of public facilities and services to accommodate anticipated growth and economic development.

V.B: SUMMARY OF 1998 PLAN

Orland is a rural town with relatively few public facilities and services. The fire station needs some minor repairs and more substantial improvements are needed to the school building. The town office has several major deficiencies.

V.C: KEY PUBLIC FACILITIES AND SERVICES FINDINGS IN 2017

The Orland K-8 school is closed and the town is now part of RSU 25. The town office has been replaced. The Fire Department has a shortage of day-time volunteers. The fire station does not meet current standards. Solid waste disposal and recycling will be managed locally through new facilities on Gray Meadow Road. The Town has also taken possession of the Narramissic River Dam in the Village.

V.D: CONDITIONS, ANALYSES, AND TRENDS

(1) Overall Adequacy of Services and Facilities

This is discussed in Section V.D. paragraphs 2-17 following.

(2) Sharing of Services With Neighboring Towns

Educational services are provided by Regional School Unit 25, which also serves Prospect Bucksport, and Verona Island. The fire department has mutual aid arrangements with neighboring towns. There is further discussion of shared services in following sub-sections. The Bucksport sewer system serves the Orland village area.

(3) Public Sewer System

A. An Overview of Current conditions

Portions of the Orland village area are served by the Bucksport sewer system. Average daily flows for the entire system range from 250,000 to 400,000 gallons per day (gpd). The treatment plant currently has a rated capacity of 460,000 gpd. Orland's contracted allotment is 29,500 gpd.

B. Consistency of Sewer Service Area Extension Policy With the Future Land Use Plan

The town sewer ordinance requires that all newly constructed and replacement systems connect to the system. About 65 percent of the service area is presently developed. This means that there is an opportunity for further construction within the current service area. However, no expansions to the service area are planned.

(4) Stormwater management

Runoff from stormwater is known to cause erosion problems and also carry harmful pollutants via watersheds to sensitive water bodies and wetlands. Stormwater standards in Orland's Shoreland Zoning, Site Plan Review and Subdivision Ordinances are the only local standards addressing runoff. The Federal Clean Water Act and Maine DEP "Best Management Practices" regulations also govern most of the stormwater issues arising from industrial and commercial development. In rural areas outside of the Shoreland Zone there is no oversight for development of residential and accessory uses and structures.

(5) Septage Disposal

Commercial haulers dispose of septage (the residue pumped from septic tanks) to various licensed sites out of town. The nearby septic system sludge treatment facilities include Berry Septic Services dewatering facility in the Heritage Park in Bucksport and Berry Septic Services Sludge Composting Facility on the Upper Long Pond Road in Bucksport. The compost facility also treats sewer sludge from the Bucksport Treatment Plant and sewage sludge from out-of-state entities. The Town of Bucksport has a sludge storage and land application facility adjacent to Berry's compost facility. Both these facilities are located within the Narramissic River watershed.

(6) Education

A. Current Conditions-Facilities

The former Orland Consolidated K-8 school is now closed and Orland is a member of Regional School Unit (RSU)#25. The other towns in the RSU are Bucksport, Prospect, and Verona Island. Orland continues to offer school choice for its secondary students in grades 9-12. Orland families

can also opt to home school their children following guidelines established by the State Department of Education. 2017 and 2018 enrollment information for Orland school-aged students is summarized below in Table V.1. The enrollment for Orland school-aged students in 2017 was 213 and in 2018 it was 231. The RSU owns four school buildings, a central office, athletic fields, and two storage facilities. These facilities are in Bucksport. The current 2018 enrollment, capacity, and number of regular classrooms in each school is summarized in Table V.2. All schools in the RSU have ample excess capacity.

Table V.1: 2017, 2018 Enrollment for Orland school-age students			
School or Location	2017	2018	
Total RSU	213	236	
Jewett School (preK,K)	25	36	
Miles Lane School (1-4)	61	61	
Bucksport Middle School (5-8)	69	75	
Bucksport High School (9-12)	58	64	
Other - noted with enrollment	Belfast-2, Ellsworth-1, George Stevens Academy-13, John Bapst-1, NH-1	Belfast-1, Bangor Reg. Day Prgm-1, Ellsworth-3, George Stevens Academy -14, John Bapst-2, Kents Hill-1	
Home Schooled and other (not included in RSU enrollment noted in row one)	42	6	
SOURCE: RSU25			

Table V.2: Capacity & Current Enrollment of Schools Serving Orland

School	Grades served	Fall 2018 enrollment	Rated capacity	Number of Classrooms
G. H. Jewett	Pre-k & K	133	200	10
Miles Lane	1-4	267	340	16
Bucksport Middle School	5-8	322	380	14
Bucksport High School	9-12	384	420	21
Reach School, Inc. (2016 figures)	7-12	17-20	none	3
		Total enrollment 1,106		

SOURCE: RSU 25**B. Staffing and Enrollment Trends**

Regional School Unit 25 has about 185 faculty and staff serving approximately 1,100 students from the member towns. The school unit provides programming from Pre-Kindergarten through grade 12. The programming meets the operating requirements of Maine law and Bucksport High School is fully accredited by New England Association of Schools and Colleges. The PK-12 curriculum offers a full range of services to students including special education, gifted and talented programming, advanced placement courses at the high school, and dual enrollment courses that allow students to earn college credit while at Bucksport High School.

The High School has articulation agreements with the University of Southern Maine, University of Maine at Fort Kent, University of Maine at Augusta, and Eastern Maine Community College through the Hancock County Technical Center (HCTC). These agreements allow BHS students to access courses approved by the colleges and taught at BHS for reduced rates. Currently there are twelve courses approved for dual enrollment. In addition, Bucksport High School participates in a program that allows students to access an engineering class offered through Maine Maritime Academy.

RSU 25 houses a welding program, which is a satellite program for HCTC. The program serves students across Hancock County. Students have the opportunity to access this program for two

years and have the potential to earn multiple national welding certifications. There is also an adult education program that provides services to adults for high school completion, work force training, literacy acquisition, higher education distance learning opportunities, and general interest courses.

Enrollment trends are shown in Table V.3. There have been minor fluctuations and these are projected into the short-term future. Over the longer term, the projected increase in the median age in Orland could mean more substantial decreases in enrollment.

Table V.3: Historical and Projected Enrollment Trends: Orland and other RSU Towns

Year	2009	2010	2011	2012	2013	2014	2015	2016	2017 *	2018 *	2019 *	2020 *	2021 *
Towns/Grades													
Orland K-8	147	153	179	179	179	178	171	148	140	143	146	149	149
Orland 9-12	70	49	64	64	55	62	54	63	65	63	65	67	65
Orland Total	217	202	243	243	234	240	225	211	205	206	211	216	214
Other RSU Towns K-8	597	579	593	593	562	555	541	613	572	538	533	536	522
Other RSU Towns 9-12	301	283	265	265	236	225	237	231	243	272	266	277	279
Other RSU Towns Total	898	862	858	858	780	780	778	844	815	810	799	813	801
Overall Total	1115	1064	1101	1101	1032	1020	1003	1055	1020	1016	1010	1029	1015

SOURCE: RSU 25. Data are for fall enrollment

*Projected

. C: Childcare and Early Learning Programs

The Bay School in Blue Hill, Maine offers Waldorf programs for children 18 months to 6 years old. There are three child care centers in the area that serve Orland families: The Bucksport Early Care

and Education Center administered by Child and Family Opportunities, the Bucksport Area Child Care Center, and H.O.M.E, Inc. A link from the State’s Department of Health and Human Services identified four licensed home-based child care providers in the Orland area. In Castine, the Community Childhood Learning Place is under construction and will provide another licensed center for Orland families.

. **D. Future Needs**

The RSU has a detailed capital improvement program. Its focus is on maintenance and the needs of current students rather than accommodating additional students. As mentioned in the Population chapter, current projections anticipate an overall decrease in population and an increase in the median age. This means that one challenge will be maintaining the current range of services if the student population decreases.

The excess capacity means there is space for new programs aimed at older segments of the population and vocational training. Local employers report a shortage of trained cooks and people with background in hospitality services. The RSU coordinates its vocational programs with Hancock County Technical Center in Ellsworth and United Technologies Center in Bangor.

(8) Police Protection

There is no municipal police department in Orland. The Hancock County Sheriff’s Office and the Maine State Police provide protection services. The two departments coordinate their patrol services by sharing the calls and coverage. The regional communications center in Ellsworth consults an assignment schedule when an emergency call is received and the call is dispatched either to the Sheriff’s Deputy or State Trooper assigned to the area. Calls for service are shown in Table V.3. Total calls decreased from 931 in 2012 to 719 in 2016. There are no plans to change current service arrangements.

Table V.3 Police Calls for Service in Orland							
Agency	2012	2013	2014	2015	2016	2017	2018
State Police	390	334	317	207	345	300	314
Sheriff	541	486	535	539	374	417	523*
Total	931	820	852	746	719	717	837
SOURCE: Maine State Police and Hancock County Sheriff.							
*2018 Sheriff: Increase in call							

(9) Fire Protection

Fire protection is provided by the Orland Volunteer Fire Department (OVFD), a 30 +/- member, all-volunteer department. There are no paid staff; the fire chief receives a stipend. The department has mutual aid arrangements with all fire departments in Hancock County and surrounding areas.

. A. Staffing

Of the current 29 volunteers, only 11 are certified for interior firefighting. Normally only 3-5 persons are available on any given day, making it difficult to comply with the National Fire Protection Association (NFPA) requirement that interior firefighting have a minimum five man crew: Two teams of two firefighters each, with one team inside and one ready to enter, and one member to operate pumps. Since most towns have a shortage of available personnel during the work day, fire protection, at times, is barely adequate.

OVFD previously dispatched by Bucksport Public Safety now contracts with Hancock County Regional Communications Center. This move will realize a major cost savings, greatly improve radio coverage and paging capability throughout town and the region, and provide single point dispatching. It also improves mutual aid response with the towns of Surry and Penobscot being toned out at the same time as OVFD.

OVFD meets most training requirements through in-house training. This is supplemented by fire academy sessions.

. B. Facilities

The Orland Fire Station is located on School House Road. The first floor (including truck bays) is about 3,000 square-feet and second floor is about 1,300 square-feet. Individual rooms are listed in Table V.4.

Description of room/purpose	Approximate sq. footage
Training Room	1,300 sf
Locker rooms (2 each)	130 sf (each)
Office	100 sf
Bunk Room	120 sf
Day Room	500 sf
Dispatch Office	208 sf

SOURCE: Orland Fire Department

The station building consists of one heated vehicle storage bay accessed by three overhead doors. This area is too small and does not provide adequate room for storage and maintenance of fire fighting vehicles and equipment. Ceilings are not high enough to allow personnel to stand up in the back of trucks as required by NFPA. The existing overhead doors are not high enough and do not allow for easy entry and egress of vehicles. In addition the overhead door thresholds are subject to frost heaves which further reduces safe passage of trucks. There is no wash bay, making it very difficult to maintain the cleanliness of vehicles and equipment. Storage of other vital equipment is also a problem. The rescue boat and other items are currently stored in small unheated accessory buildings.

The station building consists of one heated vehicle storage bay accessed by three overhead doors. This area is too small and does not provide adequate room for storage and maintenance of fire fighting vehicles and equipment. Ceilings are not high enough to allow personnel to stand up in the back of trucks as required by NFPA. The existing overhead doors are not high enough and do not allow for easy entry and egress of vehicles. In addition the overhead door thresholds are subject to frost heaves which further reduces safe passage of trucks. There is no wash bay, making it very difficult to maintain the cleanliness of vehicles and equipment. Storage of other vital equipment is also a problem. The rescue boat and other items are currently stored in small unheated accessory buildings.

The poor condition of this facility cannot be understated. Major deficiencies include leaks in the roofs, walls around the foundation. Standing water outside occasionally rises above the thresholds of the doors. The floor drains do not work properly due to poor lot drainage. It is not uncommon for the floor drains and electrical conduits to bring water into the building. As much as 3" of standing water has been found in areas where personnel are required to stand to plug in vehicles and equipment. Poor drainage and site grading are contributing factors in frost acting against proper functioning of doors and windows, especially overhead doors. Some doors and windows won't close or lock properly due to the building racking during windy conditions. A recent heavy rain event caused an estimated \$8,000 damage to floors.

The building also is poorly insulated. Doors and windows are not energy efficient. It is evident this facility does not meet many codes and standards including the Maine Uniform Building and Electrical Code (MUBEC) and National Fire Protection Association (NFPA).

. C. Vehicles and Equipment

The vehicle inventory is shown in Table V.5. As noted, one of the vehicles is no longer suitable for current needs. It is important to keep both vehicles and equipment up to date with NFPA standards and compatible with what mutual aid partners use.

**Table V.5
Inventory of Fire Department Vehicles, 2018**

Make	Year	Type	Condition	Tank Capacity	Pump GPM	Service Life
* Pierce/ International	1999	Pumper	Fair - Good	1,000	1,250	8
KME/Ford	2009	Pumper	Very Good	1,000	1,250	17
Metalfab/ International	1987	Brush Truck/ Pumper	Fair	500	750	5+
** Transtech/ International	1994	Tanker	Good	2000		8
Ford F550	2012	Rescue/ Mini Pumper	Excellent	300	300	15-18
Achilles RHIB		Rescue boat	Very Good	16 foot	25hp	10

* Frame has corrosion and may need to be replaced sooner

** Vehicle in good condition, but no longer adequate for current needs.

SOURCE: Orland Fire Department

NFPA requires turnout gear be replaced on a regular basis and be suitable for current conditions. The OVFD is proactive in its efforts to acquire additional protective clothing for firefighters. There has been found to be a risk of cancer from wearing contaminated clothing. A second set of turnout gear would allow fire fighters to wash turnout gear between calls without reducing department readiness. 15 sets of new turnout gear were ordered in early 2018. Currently many of the SCBA bottles (Self Contained Breathing Apparatus) are reaching the end of their service life. The units cost about \$800 each. The department as spent \$4,800 to order new bottles and will continue to try to replace a few at a time as their budget allows. Unexpected repairs to two truck recently cost \$5,000.

D. Level of Service Provided

The average response time to a call is ten minutes. It may take up to 15-20 minutes in poor weather conditions to reach the most remote part of town. Most privately owned and maintained secondary and camp roads are too narrow for large apparatus. This greatly reduces response effectiveness and the ability to bring in adequate equipment for interior firefighting.

Calls for service are summarized in Table V.6. The number of calls has fluctuated. There is no discernible pattern. At some point, the department may need branch stations in East Orland and in the Happytown Road area.

Table V.6 Fire Department assistance calls									
Year	2018	2017	2016	2015	2014	2013	2012	2011	2010
Calls	72	94	100	83	87	103	112	85	80
SOURCE: Orland Fire Department									

E. Water Supply

Dry hydrants are in poor condition throughout town, and there are very few fire ponds. The only consistent water supplies are located at Toddy Pond Dam, Alamoosook Dam, and Narramissic River. Rising salt levels in the Narramissic River are making that supply in the Village more difficult for modern fire equipment to use. Additional dry hydrants or fire ponds are needed in North Orland, and along the Front Ridge and Back Ridge Roads. Low water levels in most streams are a problem in dry weather.

(10) Ambulance and Rescue Service

The Bucksport Fire Department provides contractual ambulance and rescue services to Orland It is funded by fees for service and municipal appropriations. The service presently has five-full time and fifteen paid call EMT’s. Depending on the day, between one and ten EMT’s are available during daytime hours, which is not sufficient. The department is researching the potential of having additional full time and/or per diem staffing.

Training related problems include the cost of courses and the number of hours required for certification. For example, the cost of the basic EMT course is approximately \$1,000 and requires 150 training hours. The advanced EMT cost is \$2,000 and 300 training hours. Paramedic training costs \$5,000 and requires three semesters of training. These costs do not include or take into account members pay for hours spent in training. Once licensed, EMT’s are required to have 25-50 hours of additional training per year in order to maintain their licenses.

(11) Solid Waste Management

In a departure from the regional scope and aspect of this plan, Orland voted to discontinue sharing of solid waste disposal services with Bucksport, and construct and operate its own transfer station and recycling facility. The station is open on Tuesdays and Saturdays as of the spring of 2018. There is two part-time paid employees.

(12) Telecommunications and Energy Infrastructure

. A. Telecommunications

Internet accessibility in Orland is served by various high speed internet providers, principally Consolidated Communications for DSL connections and Spectrum (Time Warner) Cable. While fiber optic service is available in Orland, access to the service remains tied to the “last mile” financing quandary. The “last mile” refers to the portion of the telecommunications network chain that physically reaches the end-user’s premises. This last connection can be quite expensive. There are 3 cell towers located on Upper Falls Road, Front Ridge Road, and Acadia Highway.

WERU community radio (89.9 FM) operates from its studios in East Orland, broadcasting from Blue Hill Mountain providing independent, noncommercial, diversity of music and educational and public affairs programming with an emphasis on local people, issues and cultures to the Downeast and Midcoast Maine area.

. B. Energy Infrastructure

Electrical power is provided by Central Maine Power and EMERA Maine.

(13) Health Care Facilities and Social Services

Health Care Facilities and Social Services			
Facilities	Services	Location	Information
Bucksport Regional Health Center	Family Medicine, Dental Services, Behavioral Health, and a full service Laboratory	110 Broadway, Bucksport	
Northern Light Blue Hill Hospital	24 Hr. Emergency Department, Family Medicine, Inpatient and Outpatient Services, Live SAFE, and Physician offices	57 Water St., Blue Hill	Family Medicine locations: Blue Hill, Castine, Stonington; LiveSAFE is a medical alert emergency service, Physician offices: General Surgery, Orthopedics, Cardiology, Urology, and Women’s Health

<p>Northern Light Maine Coast Hospital</p>	<p>24 Hr. Emergency Center, Family Medicine, Inpatient and Outpatient Services, Physician Offices, Intensive Care Unit, Breast Clinic, Maternity and Nursery Services, Maine Coast Women's Care-OB/GYN Midwifery, Rehabilitation Services, Mary Dow Center for Cancer Care, Hospice and Palliative Care, Community-based Clinics</p>	<p>50 Union St., Ellsworth</p>	<p>Hospice in collaboration with Hospice of Hancock County and CHCS; Clinic locations: Ellsworth Family Practice, SW Harbor Medical Center, and Eleanor Dixon Widener Memorial Clinic in Gouldsboro</p>
<p>Orland Town Office</p>	<p>General Assistance and Emergency Heating Assistance</p>	<p>25 School House Rd., Orland</p>	<p>Resources available based on State of Maine guidelines and only a stop-gap service</p>
<p>H.O.M.E</p>	<p>Food Pantry and Soup Kitchen, Child Care Center, Garage for Auto Repairs, Lumber Mill for Building Supplies</p>	<p>90 School House Rd., Orland</p>	
<p>Emmaus</p>	<p>Homeless Shelter, Food Pantry, Clothing, Electric Assistance</p>	<p>51 Main St., Ellsworth</p>	
<p>Bucksport Community Concerns</p>	<p>Food Pantry and Emergency Heating Assistance</p>	<p>Elm Street Congregational Church, 31 Elm St., Bucksport</p>	

Bucksport Senior Center	Residents 55+ of the Bucksport area, scheduled recreational and social activities.	125 Broadway, Bucksport	
Eastern Area on Aging	Information, educational, and referral services for seniors, adults with disabilities, and caregivers; EZ Fix - minor home repairs and cleaning services; Furry Friends Foodbank; Nutrition services and noon-time meal; and transportation services	450 Essex St., Bangor	United Way Partnership agency
Washington-Hancock Community Agency (WHCA) and Child and Family Opportunities	Support services for children and families, Heating and Electric Assistance, Transportation, Section 8 Rental Assistance, Home Repair and Weatherization	248 Bucksport Rd., Ellsworth	WHCA and CFO were combined as agencies in 2017
Community Health and Counseling Services	Home Health, Mental Health, and Hospice care for adults, children, and families	52 Christian Ridge Rd., Ellsworth	
Downeast Horizons	Support services for adults and children with	77 Union St., Ellsworth	Residential homes for adults

	developmental disabilities		
VNA Hancock County Home Care and Hospice	Nursing Care and Hospice	441 Main St., Suite 2, Ellsworth	EMHS member
Jed Prouty	Assisted Living	52 Main St., Bucksport	
Parker Ridge	Assisted Living	63 Parker Ridge Ln., Blue Hill	
Bay View Manor DLTC Health Care	Assisted Living	45 W. Main St., Searsport	
The Commons at Tall Pines	Skilled Nursing, Assisted Living	24 Martin Ln., Belfast	North Country Healthcare facility
Harbor Hill Genesis Health Care	Assisted Living	2 Footbridge Rd., Belfast	
Gardner Commons	Senior Housing	67 Elm St., Bucksport	
Seaport Village Healthcare	Assisted Living, Skilled Nursing and Rehabilitation	19 General Moore Way, Ellsworth	First Atlantic Healthcare
Cortland Rehabilitation and Living Center	Skilled Nursing and Rehabilitation, Long-Term and Residential Care	42 Bucksport Rd., Ellsworth	North Country Healthcare facility

(14) Town Office

. A. Facilities

The town office is a 3,500-square foot facility that was built in 2006. It has a main lobby and offices for the town clerk, assessor, code enforcement officer and treasurer. Other rooms include the Selectmen’s meeting room and small meeting room for boards and committees. Heavily attended meetings are held at the adjacent Orland Community Center conference room. Elections and Town Meetings are held in the gymnasium. The center is discussed further in the Recreation chapter. The town office also has restrooms, kitchenette, and furnace and storage areas. There is also a back-up generator for emergency power.

. B. Staffing

The current roster of municipal employees and officials is shown in Table V.7. There was mixed response to the Public Survey question of increasing the number of Selectmen from three to five.

. C. Current and Future Adequacy

Table V.7 Orland Town Officials and Employees				
Position	Full/Part Time	Appointed/Elected	Compensation	Number of Positions
Selectmen	Part Time	Elected	Stipend	3
Town Clerk Tax Collector Registrar of Voters	Full Time	Appointed	Salary	1
Deputy Town Clerk General Assistance Officer	Full Time	Appointed	Hourly	1
Treasurer	Part Time	Hourly		
Tax Assessor	Part Time	Elected	Stipend Chair - Hourly	3
Code Enforcement Officer Plumbing Inspector Health Officer	Part Time	Appointed	Stipend Hourly	1
Animal Control Officer	Part Time	Appointed	Stipend	1
Road Commissioner	Part Time	Elected	None	1

Community Center Manager	Full Time	Appointed	Salary	1
Community Center Assistant	Part Time	Appointed	Hourly	2
Transfer Station	Part time	Appointed	Hourly	2
SOURCE: Orland Town Office				

(15) Public Works

There is no Public Works Department. All work is done on a contractual basis.

(16) Narramissic River Dam

The Town of Orland took possession of the Village Dam at the head of tide on the Narramissic River in 2011, and formed a committee to work with former owner Verso paper mill to get the dam in good condition prior to town ownership, and to gather information to help the Town decide the dam's future. The Dam Committee commissioned the Orland Village Dam Alternatives Feasibility Study, done by Stantec Consulting Services and completed in 2013 (with some follow-up).

Expected lifespan of timber crib dams is 30 years. The concrete and timber crib dam, built in the 1930s to provide water to the Bucksport mill, was significantly repaired in 1985 at a cost of \$83,845, then substantially reconstructed in 1994 for \$94,000, after damage from a storm surge. Verso paid those costs, and also did minor repairs after turning the dam over to the town. The State classifies this dam as a "Low Hazard Potential Dam" where failure or errors in operation result in no probable loss of human life and low economic and environmental losses.

The dam has two Alaska steppass fishways. According to the study, "the longer fishway provides potentially suitable conditions for upstream fish passage approximately 50 % of the tidal cycle and the shorter fishway...for approximately 33 % of the tidal cycle." This is not considered sufficient by fisheries managers.

Visual inspection by Stantec showed the dam in "good" condition. The primary concern identified was fill added upstream of the spillway, which can expose the timbers to drying and cause more rapid decay. The study also noted that the dam is overtopped by higher monthly tides and storm surges. In 2013, Maine Geologic Survey predicted a 2-ft rise in sea level over the next 100 years. Three feet is now a mid-range estimate.

Stantec studied five alternatives for the dam, with the Dam Committee rejecting dam rehabilitation and new fishway construction as too expensive, and a nature-like fishway as being unworkable for the site. Presented with the option of dam removal in June 2016, Orland residents chose to keep the dam as is. Major concerns cited were appearance of the Village without the dam and mercury deposits identified just downstream in the Orland River by the Penobscot River Mercury Study (2013).

The Dam Committee gave a list of recommendations to Selectmen in August, 2016, including:

- Periodic inspections and a plan of preventative maintenance;
- Regulating water flow from Alamoosook Lake to prevent stranding of juvenile alewives at the dam;
- Addressing Town liabilities for upstream bridge failure (in the event of dam failure) and potential take of endangered species;
- Upgrading fish passage to allow better passage of alewives and other species at all tide levels;
- Setting aside funds for proper maintenance. Stantec recommended \$7,500/year. The committee recommended a reserve fund for major repairs and liability issues with a yearly contribution of \$10,000 - \$30,000 until a sufficient reserve is accumulated. The Town Meeting appropriates funds annually.

In addition to owning the Village Dam, the town may find itself future owner of the Alamoosook and Toddy Pond dams, should the current owner of the Bucksport mill property decide to divest itself of these holdings.

Bucksport Mill LLC currently (2018) holds certain water rights in the Narramissic River, Toddy Pond, Alamoosook Lake and Silver Lake. The company maintains and operates Toddy Pond Dam, Alamoosook Dam, and Silver Lake Dam and coordinates Emergency Action Plans for those dams.

(17) Street Tree Program

There are currently no such programs in effect. However some interest has been shown in participating in Maine Project Canopy.