



Introduction

Understanding the location, use, and capacity of utilities and community facilities is an important consideration when planning for the future. This information, coupled with demographic trends and projections, provides a realistic picture of service supply and demand. The community facilities and utilities discussed in this chapter were carefully considered in the development of the *Future Land Use Map*. Wisconsin’s Comprehensive Law includes 14 goals for local comprehensive planning. The goals from the law listed below specifically relate to planning for utilities and community facilities:

- Promotion of the redevelopment of lands within existing infrastructure and public services and the maintenance and rehabilitation of existing residential, commercial and industrial structures.
- Providing infrastructure and public service and an adequate supply of developable land to meet existing and future market demand for residential, commercial and industrial uses.

As part of the Values Exercise at the Kick-off Meeting on May 16, 2005, participants said Buchanan’s “good location with a low crime rate” was a valued community asset. Churches, schools, and quality services were cited as community strengths. Water drainage, and the need for more community programs were offered as weaknesses in Buchanan. Added recreation was seen as an opportunity, while police and fire protection were viewed as potential future threats.

Utilities and Community Facilities Vision

In 2025, the Town of Buchanan coordinates with neighboring municipalities and Outagamie County to ensure that Town residents have convenient access to quality services and facilities. More specifically, Outagamie County, Appleton, Kimberley, Combined Locks, Kaukauna and Harrison collaborate with Buchanan to improve response times for emergency personnel and provide residents quality public safety services. Buchanan has utilized a mixture of general funds, state and federal grants, and volunteer labor to maintain an extensive local park and trail system. The Town’s property taxes have been maintained at a stable level by controlling debt, maintaining Town equipment, and carefully planning expenditures. The Town has been able to reduce costs and improve efficiencies in services by entering into shared service agreements with neighboring communities.

TABLE 22.0: What level of personal importance do you place on each of the following characteristics of the Town?					
	Very Unimportant	Unimportant	Important	Very Important	Neutral/No Opinion
Local Retail Shopping	3.3%	17.9%	53.6%	22.4%	2.8%
Local personal/Professional Services	2.5%	23.0%	53.1%	16.0%	5.5%
Local Health Care	3.1%	19.2%	47.8%	25.8%	4.1%
Housing Opportunities/Choices	4.8%	23.4%	44.7%	16.7%	10.4%
New Economic/Business Development	6.0%	22.7%	43.5%	21.4%	6.4%
Sense of Safety and Security	3.2%	0.8%	15.0%	79.1%	1.9%
Parks and Recreation	3.1%	11.1%	44.3%	36.4%	5.1%
Small-Town Atmosphere	2.3%	6.9%	35.4%	51.1%	4.3%

TABLE 23.0: Would you encourage or discourage the following kinds of <u>future</u> recreational developments in Buchanan					
	Strongly Discourage	Discourage	Encourage	Strongly Encourage	Neither Encourage Nor Discourage
Town Park	1.7%	7.0%	50.8%	32.2%	8.3%
Children’s Playground Facilities	1.5%	6.2%	51.3%	31.2%	9.8%
Sports Field (baseball, soccer, etc.)	3.0%	11.1%	43.9%	28.3%	13.6%
Bicycle and Pedestrian Trails	2.0%	3.4%	38.3%	49.9%	6.4%
Additional Golf Courses	15.6%	30.0%	18.9%	10.3%	25.1%
Areas for Scenic Enjoyment (Green Space)	1.1%	3.6%	43.5%	42.5%	9.2%
Fishing Areas/Boat Launch	6.4%	14.0%	32.4%	18.0%	29.1%
Pet Exercise Area/Dog Park	12.7%	20.4%	27.4%	18.5%	20.9%

Utilities and Services Inventory– Location, Use, Capacity

The following sections describe existing utilities and services available within Buchanan. This section documents those utilities and services provided by the Town, private providers and others.

WASTEWATER COLLECTION & TREATMENT

Rural development in Buchanan (beyond the Darboy Sanitary District) is accommodated with private, on-site sanitary wastewater treatment systems. These systems must comply with the state plumbing code (COMM 25.02), which is designed to ensure that systems do not threaten groundwater resources. Moreover, these individual systems must be properly permitted by Outagamie County and maintained as required by County Ordinances. Soils in the Town vary in terms of their suitability for on-site wastewater treatment (see soil information in Agricultural, Natural and Cultural Resources Chapter for more information).

In upland areas, soil percability is generally high and well suited to individual on-site systems. In lower-lying areas, particularly within and adjacent to floodplains and wetlands, soils are typically inundated with water for such a considerable amount of the year as to prohibit septic, mound, and other conventional sanitary treatment systems. Alternatives to individual, on-site treatment include clustered systems, re-circulating sand/gravel filters, Living Machines®, and municipal systems. Each alternative has their strengths and weaknesses when compared to conventional systems.

- **Clustered Systems**

Clustered treatment systems provide an economical alternative to individual systems, particularly in areas with space limitations. Like septic tanks and mounds, shared systems are infiltration systems. They differ from the former two in that multiple homes “feed” into one treatment and discharge unit. Although economies of scale are created when multiple units utilize a shared drain field, issues related to soil percability remain. The advantage of a clustered system from the perspective of soil inundation is that, since the system is located off-site, the site can be selected based upon ideal performance criteria. On-site systems are limited to the best location available *within that particular home site*.

- **Re-circulating Sand/Gravel Filters**

Re-circulating sand/gravel filters (RS/GF) offer an economically viable, environmentally benign alternative to conventional drain field-based treatment systems. The basic components of a RS/GF system include a septic tank, recirculation tank, and sand or gravel filter. Water discharged from the system far exceeds the quality of a conventional system, and at a fraction of the price. RS/GFs have been in use for more than a century and are a WDNR permitted alternative to septic tanks and mound systems. The primary challenge to installation of this type of system, like the other alternative systems, is a lack of awareness of their availability on the part of landowners and developers.

- **Infiltration Wetlands**

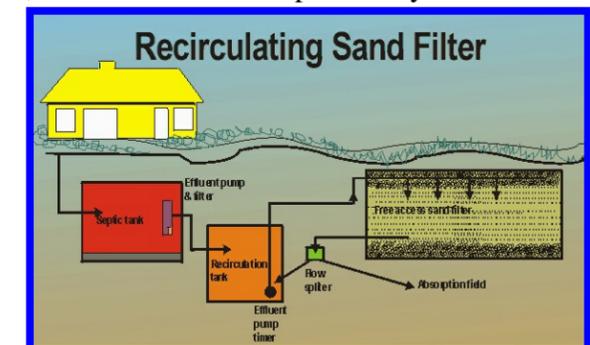
Infiltration wetlands have been used as effective wastewater treatment systems for more than thirty years. They have become the dominant treatment system for communities in the Minneapolis metropolitan region not served by municipal wastewater treatment. Although there are a variety of wetland-based systems used to treat effluent, the most common is a *sub-surface flow* wetland. Sub-surface flow wetlands utilize an anaerobic reactor (septic tank) for pretreatment followed by a forced-bed aeration system and wetland treatment cells. Infiltration wetlands are designed to achieve tertiary treatment at a fraction of the cost of a municipal system. They become cost-effective at the small scale when treating effluent from eight or more homes.

Want More Information?

To review the Wisconsin State Statutes with respect to the use of alternative treatment systems visit:
www.legis.state.wi.us/rsb/code/comm/comm083.pdf.

For more details about RS/GF:
www.epa.gov/ORD/NRMRL/pubs/625r00008/tfs11.pdf

For more information on Infiltration wetlands:
www.epa.gov/ORD/NRMRL/pubs/625r00008/tfs7.pdf



SOURCE: ToolBase Services, 2005.



SOURCE: North American Wetlands Engineering, 2004.

- **Living Machines®**

Living Machines are a patented wastewater treatment system that is growing in popularity around the world. They entail a series of tanks teeming with live plants, trees, grasses algae, fish, shrimp, snails and a diversity of microorganisms and bacteria. Each tank is a mini-ecosystem designed to eat or break down waste. The process takes about four days to turn wastewater crystal clear. It is chemical-free, odor-free, and, compared to conventional wastewater treatment, costs less financially and ecologically.¹ Living Machines are WDNR permitted systems and are currently in use at the Conserve School in Land O’ Lakes, at Cedar Grove Cheese Factory in Cedar Grove, and at Edgewood College in Madison.



SOURCE: Living Machines, Inc., 2001.

- **Darboy Sanitary District**

The one sanitary system located within the Town of Buchanan is the Darboy Sanitary District that provides sanitary sewer *and* public water supplies to the most developed portions of Buchanan. The sanitary district includes land in the western part of the Town, including land north of CTH KK and west of Debruin Road.

The Darboy Sanitary District has facilities located at two separate sites. The administrative offices, Well Number 1 and a utility garage are located on CTH N. A water reservoir, equipment storage garage and Well Number 2 are located on Pinecrest Boulevard. The elevated water tower is located on the south side of CTH KK in the Town of Harrison.

The Darboy Sanitary District was formed in the early 1970’s to deal with problems of malfunctioning septic systems. In addition, problems with individual wells, which included a lowering of the water table requiring deepening of area wells, high iron, hardness and manganese content and a hydrogen sulfide odor, all led to the development of a public water supply system.

The sanitary sewer collection system for the Darboy Joint Sanitary District was put into operation in 1984. The system consists of primarily 8-inch PVC gravity sewer pipe. A larger gravity interceptor using 10, 12 and 15-inch pipes extends generally from south to north through the current service area. Darboy’s main 15-inch interceptor extends to a metering system in Combined Locks where the wastewater is discharged to the Heart of the Valley Metropolitan Sewerage Commission system.

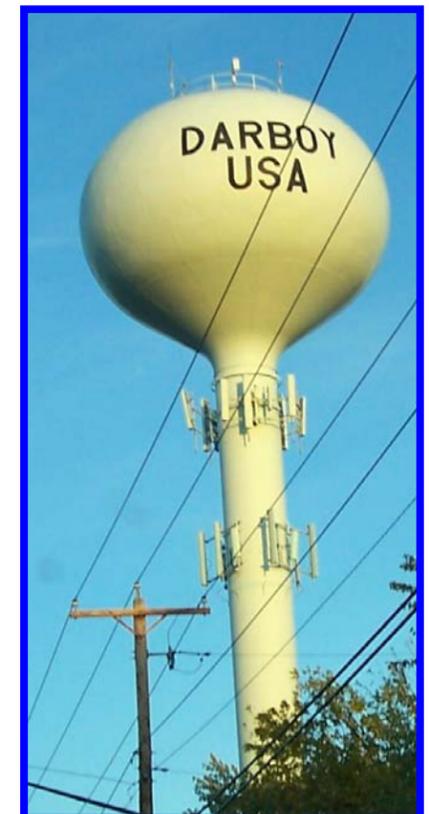
STORM WATER MANAGEMENT²

The Town of Buchanan is located in the Lower Fox Basin Watershed (for additional information on the Lower Fox Basin Watershed refer to Chapter 7: Agricultural, Natural, and Cultural Resources).

Outagamie County has adopted Storm Water Management Ordinance that applies to shoreland and wetland areas in the Town of Buchanan. Stormwater runoff standards help protect property and structures from damage caused by increased surface water runoff due to commercial, industrial and residential developments. Enforcement of storm water management, construction-site erosion control, and shoreland protection currently falls under the jurisdiction of Outagamie County. The enforcement and permitting requirements relative to existing Outagamie County Ordinances are coordinated through the Outagamie County Zoning Department. Should Buchanan develop its own Subdivision Ordinance in the future, it may include storm water management requirements within that ordinance.

WATER SUPPLY

The water supply for the Darboy Joint Sanitary district was put into operation in 1984. The water supply for the system consists of two wells (310 gallon per minute and 580 gallon per minute), located adjacent to each other with water softening and chemical additions for disinfection, a 100,000 gallon elevated storage tank and water distribution system.



¹ Excerpted from *The Living Machine*, Jeff Wolovitz, Penn State Department of Research and Policy, 2000.

² Refer to Chapter 7: Agricultural, Natural, and Cultural Resources for more information about the Town’s water resources.

Private wells currently serve the eastern portion of the Town. Although private wells offer a low-cost source of potable water, they do not provide the level of testing typical of a municipal water supply. Contamination of groundwater is a serious issue for many rural communities. Sources of groundwater contamination include leaking fuel tanks, surface discharges, and natural substances present in the subsurface geology. A common naturally occurring contaminant of groundwater in the Fox/Wolf Basin is arsenic. Although no private wells in Buchanan have yet tested positive for arsenic, it is important to note that arsenic has been detected in amounts greater than 10 parts/billion in Outagamie, Shawano, Winnebago, Brown and Manitowoc Counties (for additional information on groundwater and arsenic contamination, refer to Chapter 7: Agricultural, Natural and Cultural Resources). Due to the incidence of naturally occurring arsenic, all private wells in Outagamie County are subject to special casement standards.

ELECTRICITY AND NATURAL GAS



WE Energies and Kaukauna Electric provide electric power in Buchanan. Natural gas is provided by We Energies. Transmission lines are owned and maintained by American Transmission Company (ATC). These companies have a long history of supplying safe, reliable, and reasonably priced service.



Current facilities are adequate to provide continued service into the foreseeable future. Moreover, these companies gauge demand to consider long-range changes in supply.

North of the Town of Buchanan, Calpine Corporation has constructed the Fox Energy Center. Construction of this natural gas-fired/combined cycle power plant began in the fall of 2003, and currently supplies 300 megawatts of power to the Fox Valley, including the Town of Buchanan. The output from the Fox Energy Center is used to fulfill an existing contract Calpine has with Wisconsin Public Service.



Fox Energy Center.

SOLID WASTE DISPOSAL AND RECYCLING

Onyx Waste Services provides weekly garbage and recycling pick-up for residents and businesses in Buchanan. The Town provides a “Home Recycling Kit” free of charge outlining the do’s and don’ts of recycling. The Town also offers an appliance recycling program allowing residents to dispose of old appliances safely. The Town has designated days during the year where items will be picked up from resident’s property. Property owners need to purchase a sticker for each appliance prior to pickup. The Town also provides Christmas tree pickup after the holiday season. Residents can place their tree by the road and the Town will pickup the tree and dispose of it. The Town plans to continue to provide this service.



Dumpsters Properly Screened.

The Outagamie County Department of Solid Waste also provides services for recycling, composting, solid waste and hazardous waste. These waste disposal services are provided at the Outagamie County landfill, located north of Buchanan on Holland Rd. Recyclable products may be dropped off at the landfill site. It is recommended to call ahead before trying to dispose of other products at the landfill. The Town of Buchanan is encouraged to establish a Town yard waste disposal center to provide residents with a location in the town to dispose of leaves, branches, and other yard waste.

One concern for Buchanan with respect to solid waste disposal is waste disposal around apartment buildings and commercial establishments. Many dumpsters around these establishments are highly visible and lack proper screening. Screening is important to protect aesthetic beauty of areas, discourage animals from entering waste areas, and to prevent any garbage from leaving the property. The Town should consider adopting an ordinance regulating dumpsters on commercial and residential properties, or require dumpster screening when approving conditional use permits for businesses and apartments. Presently, the Town does assist commercial property owners with waste disposal by either providing a dumpster or paying a fixed amount toward the purchase and maintenance of dumpsters. The Town requires commercial properties to have a fence in place around commercial waste receptacles. However, the ordinance provides little direction with respect to materials, height, enclosures, etc. A more refined ordinance addressing waste disposal areas will help ensure that dumpsters and other trash receptacles on commercial and high density residential properties are properly screened.



Dumpsters Without Screening.

POLICE PROTECTION

The Outagamie County Sheriff's Department provides police protection services to the Town of Buchanan. The Town contracts for police protection with the Outagamie County Sheriff's Department . The County Department headquarters is located at 320 S. Walnut Street in Appleton. Buchanan also provides office space in the Town Hall for officers assigned to patrol the Town.

The Outagamie County Sheriff's Department has 73 sworn officers working in the Law Enforcement Division as uninformed patrol, investigations and civil process. Buchanan has five (5) sworn officers assigned to it. These officers are not Town employees, but they only work in Buchanan. The equipment these five officers use is owned by the Town, not the County.

Specific statistics for the five (5) Town officers is not available, however data is available for the collective Outagamie County Sheriff's Department. In addition to the Town patrol officers, Outagamie County at any given time will have as many as eight (8), but no fewer than six (6), patrol cars are on duty. The number of officers on patrol duty varies by the time of day and overlaps during shift changes. The Department serves approximately 167,000 residents of Outagamie County. The Sheriff Department patrols Outagamie County in four sections, divided by STH 47 and CTH S. Patrol Officers are assigned to each section.

The Outagamie County Sheriff's Department has 911 emergency-based dispatching for nearly all municipal police departments in the County, including the City of Appleton. The Outagamie County Sheriff's Department also dispatches for a majority of the fire departments in the county as well.

The Outagamie County Sheriff Department has no plans to hire additional staff at this time. The current staff size meets area needs. The Outagamie County Sheriff's Department would like to maintain its level of staffing, which it believes is adequate to provide needed protection to area residents. Decisions about future staff expansion will be made by the Outagamie County Board based on population increases and response times. At this time, the Town of Buchanan is satisfied with the level and quality of protection received from the 5 contracted patrol officers and has no plans on increasing the number of officers.

The Outagamie County Sheriff's Department annually reviews equipment and vehicle needs as part of the Outagamie County *Capital Improvements Program*. Regular vehicle replacement is important to ensure that a dependable vehicle is available to respond to public safety needs. The Sheriff's Department has a "1-to-1" program in place which ensures that a squad car is only driven by 1 officer and kept at the home of that officer. That program results in a 3-year vehicle replacement schedule. Other available cruisers are replaced annually based on mileage.

The Outagamie County Sheriff's Department operates a jail facility at 320 S. Walnut Street in Appleton. The jail has a capacity of 557 inmates, which ranks 7th in Wisconsin for prisoner capacity. The facility is divided into several different areas to separate juveniles from adults. Males and females are also separated within the jail. In addition, the jail accommodates a work-release population who work 40-50 hours each week outside of the jail and then return to the facility each night and weekend. In 2004, the average number of inmates housed in the jail was 494.

In response to an increasing prison population, in 2001 Outagamie County began using GPS, Global Positioning Satellite, to monitor inmates. Inmates serving their time as part of the Huber Law (or work release programs) wear a tamper resistant ankle bracelet that monitors the inmate's location. If an inmate enters an area where he/she is not allowed, a warning is issued and the probation officer takes the appropriate action to correct the problem. In 2004, GPS had a 91% success rate with an average daily population of 24.3 persons using the system.

FIRE PROTECTION & RESCUE SERVICES

Fire protection services in Buchanan are provided by the 30-member Buchanan Volunteer Fire Department. Fire protection east of Lodebauer Road is provided by the Holland Town Fire Department and Buchanan Fire Department. The Town contracts with the Holland Fire Department each year to assist the in fire protection for areas in the eastern portion of Buchanan. The Buchanan Fire Department also assist the Harrison Fire Department with fire calls to the Darboy Club. The Buchanan Fire Department has four (4) fire vehicles: 1979 Ford tanker pumper, 1983 Ford tanker, 1989 Chevy equipment van and a 1993 Seagrave. The Town Board provides the Fire Department with a "Fire Truck Fund". Each budget, money is put into the this fund to be spent on a future fire vehicle. At this time, approximately \$300,000 is in this fund and in the near future the Fire Department may purchase a new vehicle. Along with the Fire Department, there are also eight (8) volunteer First Responders providing medical services to the Town and the Town of Harrison.

Gold Cross Ambulance Service and Kaukauna Ambulance provide rescue service to the Town.

Community Facilities Inventory

This portion of the chapter profiles the community facilities available to Buchanan residents.

PARK AND RECREATION FACILITIES

Current park and recreational facilities provide Buchanan residents with places to enjoy leisure activities and the outdoors. The current recreational facilities available to Town residents are listed below:

- **Buchanan Town Park**

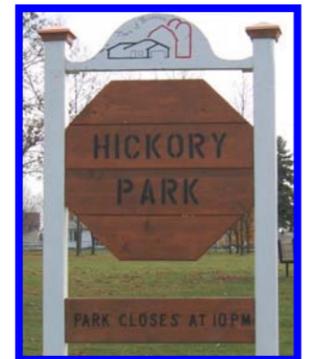
The Buchanan Town Park is located on a 3.47-acre site adjacent to the Town Hall on CTH N. The facility shares parking with the Town Hall and is designed to utilize restrooms in the Town Hall during special park events. Facilities include a variety of play apparatus, picnic facilities, a basketball court, tennis court and a sand volleyball court. A small open play area is situated on the eastern portion of the park. A paved walkway provides access to the park from the neighborhood to the east.



Buchanan Town Park

- **Hickory Park Estates**

This 2.3-acre neighborhood park was dedicated to the Town of Buchanan in 1995 as part of the Hickory Estates Subdivision. The two-acre park serves the 195 lot subdivision, as well as, neighboring residential areas. This park is located between Briarwood Drive and State Park Rd., just north of CTH KK. Facilities at the park include a basketball court, tennis court, volleyball court, playground equipment, picnic tables and portable toilets from May through October.



- **Springfield Park**

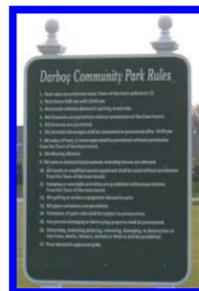
This small 2-acre neighborhood park is located on Springfield Drive near Just About Lane in the west central portion of the Town. The two-acre park was developed in 1997 with Town funds. Facilities located at this park include a basketball court, tennis court, playground equipment and portable toilets from May through October.



Springfield Park

- **Fox River – Rapide Croche Dam Site and Park**

The Rapide Croche Dam Park Site is located between CTH ZZ and the Fox River in the northeastern portion of the Town. The dam, hydroplant and park site comprise approximately 38-acres, and are owned and operated by the City of Kaukauna Electric and Water Department. The actual park area comprises 17.23 acres and is used on a seasonal basis, providing picnic facilities, restrooms, parking for a dozen vehicles and a scenic overview of the Fox River along the south bank



- **Darboy Community Park**

This park was a jointly built and maintained park by the Towns of Buchanan and Harrison. Facilities available include wooded trails, an asphalt walking trail, soccer fields, 2 playground areas and 2 basketball courts. There is also a park shelter that is available to the community that can be rented out. In the winter, an ice rink is created for skating. The Towns of Buchanan and Harrison share costs for equipment (basketball, soccer, playground facilities, etc.), the park shelter, and maintenance of the park and restrooms. This cost sharing partnership is expected to continue into the future.



Rapide Croche Dam.

- [CE Trail](#) (see Chapter 5 for more information)

- [Holy Angels School](#)

This school is located on CTH KK, just west of CTH N. The site provides a 4.5-acre playground area that includes swings, slides and climbers. A large hard surface area is stripped for a variety of children’s court games including basketball hoops and a backstop area.

- [Countryside Golf Club](#)

Countryside Golf Club is a private 18-hole golf course located near the intersection of CTH CE and CTH GG in the southeastern portion of the Town. The course is open to the public and provides challenging golfing for golfers of all ages. The Countryside Golf Club is the largest recreational facility in the Town of Buchanan (based on acreage).

- [Wisconsin International Raceway \(WIR\)](#)

Wisconsin International Raceway is located on CTH KK, about one half miles east of STH 55. The speedway includes a half-mile D-shaped asphalt oval track and a quarter-mile paved oval track. WIR also has a quarter-mile drag strip. The facility has concession stands, bleacher seating, restrooms, and a pavilion which can be rented out (capacity of pavilion is 208 people seated at banquet tables).

- [Soccer Heaven and Sports Center](#)

This recreation center is located on Stoney Brook Road near STH 441. The 50,000 square foot complex includes three indoor soccer fields with artificial turf, four indoor batting cages, a video arcade, sports shop, mini-golf, private rooms for coaches and players, as well as a private party room.



Countryside Golf Club.



Wisconsin International Raceway.

COMMUNICATION FACILITIES

Access to communication facilities is very important in a modern economy. The quality of communication services depends on the capacity of the lines, towers and supporting infrastructure serving a community. What follows is a description of the communication facilities and providers serving Buchanan.

- [Television and Radio](#)

There are no television or radio stations located in Buchanan. Residents receive radio and television station coverage from Green Bay, the Fox Cities, and other areas in Northeast Wisconsin.



Time Warner Cable provides cable television service to the Town. The company offers cable and digital packages. Some residents have also purchased satellites to receive additional channels. Television and radio coverage from the greater region will continue to meet resident needs over the life of this plan.



Soccer Heaven and Sports Center.

- [Telephone Service](#)

Multiple providers offer local and long distance telephone services in Buchanan and are expected to do so in the foreseeable future. These companies offer a wide variety of packages and service plans. Moreover, they make decisions regarding service upgrades based on consumer demand.

- [Internet](#)

Access to the Internet in Buchanan is available through a variety of companies providing dial-up service. High-speed Internet access is currently available in the western half of the Town, corresponding generally to those areas within the Darboy Sanitary District.

The Town of Buchanan website is an important informational tool for residents and Town officials. This website provides meeting notices, building information, and other important information about the Town. The Town plans to continue to use this website to provide residents online access to Town information.

- [Newspapers](#)

Buchanan does not publish its own newspaper, but rather uses *The Villager* to publish all legal notices. The *Appleton Post Crescent* and *Appleton Post Crescent – Wrightstown* are the most widely read newspaper in Buchanan, followed by the *Green Bay Press Gazette*. The Town publishes a newsletter every four months. The newsletter highlights local events and happenings.

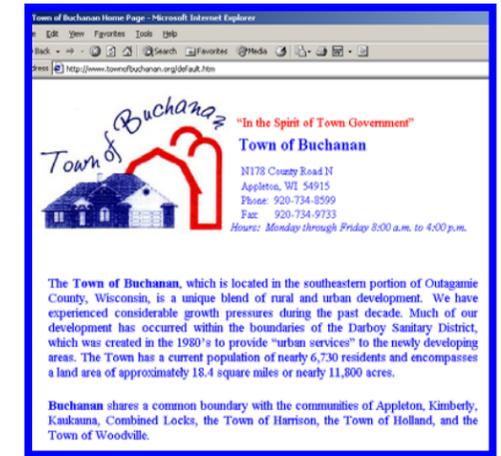
- [Postal Service](#)

The Town of Buchanan is served by U.S. Post Offices located in Appleton, Combined Locks, Little Chute, Kimberly, Kaukauna, Wrightstown, Sherwood and Menasha.

- [Cellular/PCS Towers](#)

Multiple providers offer cellular service in Buchanan and are expected to do so in the future. These companies offer a wide variety of packages and plans. They make decisions regarding service upgrades based on consumer demand.

Towers are located on Weiler Road, Block Road and Speel School Road. At this time, there are no pending tower applications before the Town. The Darboy water tower also has cellular antennas mounted on it to provide service to area residents. The Darboy Sanitary District has control of the water tower and controls what antennas are placed on it.



<http://www.townofbuchanan.org/default>



HEALTH CARE FACILITIES

Health care services for Buchanan residents are provided by multiple medical facilities located in Appleton including the Appleton Medical Center and St. Elizabeth Hospital. These facilities provide extensive medical services for Town residences.



Services at the Appleton Medical Center, operated by Theda Care, include assistance with back problems, cancer, fertility, genetics, sleep disorders, heart disease and surgery to name a few. The Appleton Medical Center is: "a leader in cardiac, cancer and orthopedic care. It pioneered local treatment of cardiovascular disease in Northeastern Wisconsin and initiated the first family fertility program in the area."³



³ Source: ThedaCare website: www.thedacare.org

St. Elizabeth Hospital is the other nearest medical hospital to Buchanan. St. Elizabeth hospital, operated by Affinity Health System, provides services for cancer care, heart and lung, behavioral health, diabetes management, older adult services optometry and man other medical services. For more than 100 years, St. Elizabeth Hospital has been a leader in providing quality care to Fox Valley residents, and will continue to do so in the future.

Health care facilities including clinics and dental offices are located on Van Roy Road. There is the potential for more health care facilities in Buchanan. The Town will continue to support these types of establishments. At this time, existing these facilities meet the current health care demands of residents and will continue to regularly monitor needs to maintain quality health care choices in the future.

CEMETERIES

Holy Angels Cemetery located on CTH KK is the only cemetery in Buchanan. Holy Angels Cemetery was established in the 1850's and mainly serves members of Holy Angels Church. At this time, the 4-acre cemetery has approximately 700 burial sites available, with no plans for any expansion. Town residents obtain necessary cemetery space available in public and private cemeteries located throughout the Fox Valley and areas beyond.



Holy Angels Cemetery

CHILDCARE FACILITIES

There are two childcare facilities located in Buchanan: Kids Kingdom and Little Heart Daycare.

- Kids Kingdom, located on Stoney Brook Road, opened in 1997. They currently have 25 employees who provide general daycare services to 112 children. At this time, there are no plans for any expansion.
- Little Hearts Daycare, located on Barney Court, opened in 1992. It currently has 28 employees and provides daycare services to approximately 95 children. A special program offered at Little Hearts is community touring. This program allows children go on field trips around the area to visit places in and around Buchanan. At this time there are no plans for expansion of this daycare facility.

Along with these two facilities, there are private in-home daycare businesses in Buchanan.



Holy Angels School.

EDUCATIONAL FACILITIES

Portions of the Town of Buchanan are located in the Appleton, Kimberly, Kaukauna and Wrightstown school districts. There are two school buildings located in the Town: Kimberly High School and Holy Angels School. There no plans by any district to build additional schools in Buchanan in the foreseeable future. Below is a brief profile of each district serving the community.

▪ Appleton School District

The Appleton School District covers 144 square miles in three counties. The district serves approximately 15,000 students (grade PK-12) - making it one of the larger school districts in the State. It employs around 1,700 full and part time individuals. Students in the Appleton School District usually score better than State test score averages.

• Kimberly School District

The Kimberly School District covers approximately 17 miles stretching over multiple communities. The district serves approximately 3,919 students in grades pre-Kindergarten through 12. The district employs 404 teachers and administrative staff.

- [Kaukauna School District](#)

The Kaukauna School District has a teaching staff of approximately 500 serving 3,800 students in grades pre-kindergarten through 12. District offices are located at 112 Main St. in Kaukauna.

- [Wrightstown School District](#)

The Wrightstown School District educates approximately 1,000 students with the help of 140 staff members. The district consists of three school buildings on approximately 80 acres of land. District offices are located at 351 High Street in Wrightstown.

Under the full-time interdistrict open enrollment program, Wisconsin students may apply to attend school in any K-12 public school district in the state, regardless of whether or not they live in the district. Families of students who transfer from their local district do not pay tuition. However, a local district loses state aid for each student who transfers to another district and gains state aid for each student who transfers from another district. The program first took effect in the 1998-99 school year. It was designed to encourage competition among districts as a means of fostering improvement in public schools and to provide families with increased flexibility in their educational choices. Participation has increased each year since the program's inception.

Nearby college choices include: Lawrence University (Appleton), University of Wisconsin Fox Valley (Menasha), Fox Valley Technical College (Appleton), the University of Wisconsin – Green Bay (Green Bay), St. Norbert College (De Pere), Concordia University Center (Green Bay); UW Oshkosh (Oshkosh), College of the Menominee Nation (Green Bay); Northeast Wisconsin Technical College (Green Bay), Bellin College of Nursing (Green Bay), and the University of Wisconsin – Stevens Point (Stevens Point).

LIBRARY SERVICES

Library service for Buchanan residents can be found at the James J. Siebers Memorial Library at 515 W. Kimberly Ave. in Kimberly, the Kaukauna Public Library at 111 Main Avenue in Kaukauna, the Gerard H. Van Hoof Memorial Library at 625 Grand Ave. in Little Chute, and the Appleton Public Library at 225 N. Oneida Street in Appleton. These three libraries participate in a regional consortium providing combined catalogs, Internet catalog, and other services designed to improve resident access to library services. These three public libraries, combined with the public school libraries (catering to district school children), are expected to continue to meet resident needs. As such, there are no plans to locate a library in the Town of Buchanan.

SENIOR SERVICES

Buchanan's senior population is a small but growing segment of the community. Services to seniors are available through a variety of organizations in Appleton, and by local churches, the American Red Cross, and volunteer groups. The population of persons at 65 years or older is expected to increase as a percentage of the total population. The Town must continue to collaborate with neighboring municipalities to ensure that the services necessary to support an aging population are sufficient to meet future needs. Moreover, the Town can use its quarterly newsletter and web site as a tool to educate its seniors about available services.

ADDITIONAL TOWN FACILITIES AND EQUIPMENT

The Town Hall and Garage are located at N178 CTH N in Buchanan. The Town owns a ½ ton dump truck used for various projects in the Town, which is kept at this facility. The Town Hall is available to rent by Town residents.

Utilities and Community Facilities Map

The existing Utilities and Community Facilities map for the Town of Buchanan is located on page 12. The map depicts existing conditions by showing the location of schools, parks, cemeteries, fire station, and other amenities profiled in this chapter.



Buchanan Town Hall.

UTILITIES & COMMUNITY FACILITIES

TOWN OF BUCHANAN

OUTAGAMIE COUNTY, WI

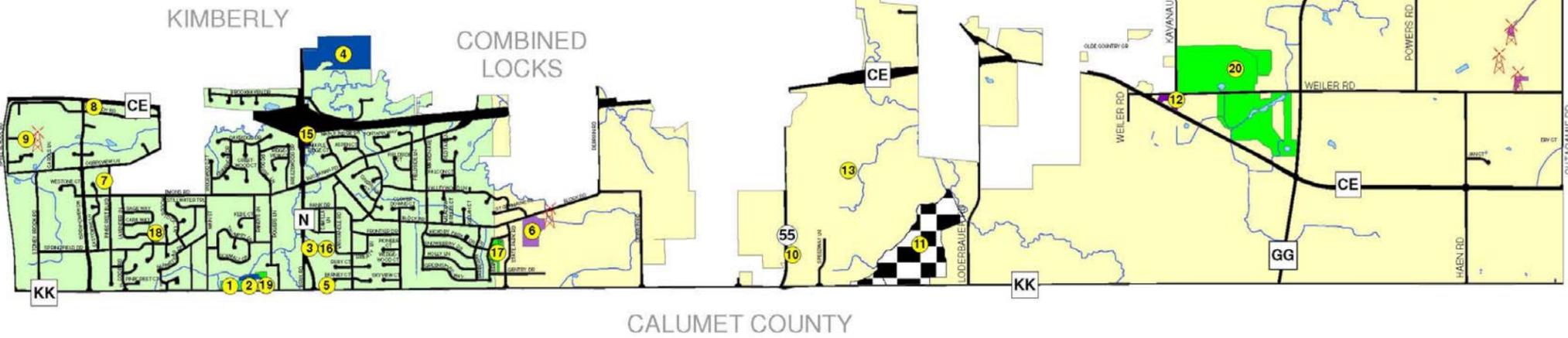


Legend

- APPLETON AREA SCHOOL DISTRICT
- KAUKAUNA AREA SCHOOL DISTRICT
- KIMBERLY AREA SCHOOL DISTRICT
- WRIGHTSTOWN COMMUNITY SCHOOL DISTRICT
- INSTITUTIONAL
- CEMETERIES
- UTILITIES
- WISCONSIN INTERNATIONAL RACEWAY
- RECREATIONAL
- WATER
- ROADS
- TOWERS

- 1.) Holy Angles Cemetery
- 2.) Holy Angels Parish
- 3.) Town Hall / Fire Department
- 4.) Kimberly High School
- 5.) Century Oaks Residential Care
- 6.) Evangel Minsitri Inc.
- 7.) Pump Station for Darboy Sanitation
- 8.) Family Care for the Fox Cities
- 9.) Proposed Future Darboy Well Site
- 10.) Riverside Christian Fellowship
- 11.) Wisconsin International Raceway
- 12.) Kobussen Bus
- 13.) Future Town Park
- 14.) Future Town Park
- 15.) Darboy Sanitary District
- 16.) Buchanan Town Park
- 17.) Hickory Park Estates Park
- 18.) Springfield Drive Park
- 19.) Holy Angels School Playground
- 20.) Countryside Golf Course
- 21.) Fox River - Rapide Croche Dam Site & Park

OMNI
 PROJECT # 14181200
 DATE: 01/11/2024
 DRAWN BY: J. J. J.
 REVISED: 04/03/24
 CHECKED: J. J. J.
 LOCATION: 15151 Appleton Rd, Appleton, WI 54911
 SCALE: 1" = 100' (Horizontal) / 1" = 20' (Vertical)



Utilities and Community Facilities Issues & Concerns

PARK FACILITIES

The need for park and recreation facilities grows with the population of a community. Lack of Town parks was a concern expressed by residents in the *Community Survey* and during the *SWOT, Visions, and Values* exercises. Today, Buchanan has 11.93-acres of parkland. The National Recreation and Parks Association (NRPA) has developed recreation, parks, and open space standards and guidelines for communities in the United States. These standards identify the recommended amount of parkland that should be available in a community based upon its population. NRPA has established three categories for local facilities: *neighborhood parks, community parks, and metropolitan parks*. Neighborhood parks are intended to serve communities (or neighborhoods, in larger communities) with populations of 1,000 to 5,000 residents. Community and Metropolitan Parks serve larger towns, villages, and cities. NRPA guidelines recommend a minimum of five acres of park and recreational space per 1,000 residents. With an anticipated population of 10,381 persons by 2025, NRPA guidelines would recommend that Buchanan plan for the development of one or more parks totaling 40 acres in size. Typical facilities in a neighborhood park may include play apparatus for children of all ages, picnic areas with shelters, walking and bicycling trails, informal ball fields, tennis courts, and rest rooms, among others.

East Central Wisconsin Regional Planning Commission recommends a minimum of 10 acres of parkland for each 1,000 residents. By ECWRPC standards, Buchanan should plan for the development of one or more parks equaling or exceeding 92 combined acres by the year 2025.

Potential partnerships with Outagamie County, Appleton and Kaukauna may provide opportunities to address some park and recreation needs in Buchanan. This partnership could provide a park with softball and/or soccer fields for residents. There is also the opportunity to provide the community with a dog park. The nearest dog park is located off CTH 00 and French Road, several miles north of the Town of Buchanan. This area would allow residents and their pets to enjoy an outdoor recreation space without having to worry about pet rules when in other parks.

During the planning process, residents expressed a desire for a park with river access. Direct access to the river may not be possible due to steep banks, but views of the river could be achieved with a park along CTH ZZ. Such a park would allow panoramic views of the Fox River to be enjoyed by all residents, not just those who build homes along this frontage.

PUBLIC SAFETY

The Outagamie County Sheriff's Department will continue to be the primary law enforcement agency in Buchanan. The Town must work closely with Appleton, Kimberly, Combined Locks Kaukauna and Harrison to ensure quick fire and rescue response times, particularly in areas east of STH 55.

COMMUNITY SERVICES

In many ways, Appleton, Kaukauna, Kimberly, and Combined Locks serve as the "downtown" for Buchanan residents (depending on where they live in the Town). Libraries, health care facilities, senior and youth programs, churches, and other services typically provided by a municipality are conveniently accessed and accessible in these surrounding communities. It is unlikely that the Town's expected population growth will warrant changes to this existing arrangement. However, this situation does require that the Town work closely with the cities to make certain that these necessary services can be adequately provided in the future.

Utilities and Community Facilities Funding Options

Grant and loan programs are available from a variety of state and federal sources. The following section provides a brief description of some of the programs that may be available to the Town.

WATER AND WASTEWATER GRANT AND LOAN PROGRAM

The United States Department of Agriculture Rural Development Section (Rural Utility Service) has a water and wastewater grant and loan program to assist cities, tribes, sanitary districts, and towns in rural areas with a population up to 10,000. The program provides loans and grants to construct, improve, or modify municipal drinking water and wastewater systems, storm sewers, and solid waste disposal and recycling facilities. This program may be useful to the Darboy Sanitary District.

STATE TRUST FUND LOAN PROGRAM

The Board of Commissioners of Public Lands provides this loan program with terms of up to 20 years and deeply discounted interest rates. Loans may be used for a variety of purposes including road improvements, community centers/halls, trail development, and property acquisition. Available funding is determined on an annual basis. The loan limit during the 2004 fiscal year was \$3,000,000. The State Trust Fund Loan Program may provide the Town with opportunities to fund the development of park facilities and trails.

RURAL COMMUNITY DEVELOPMENT GRANTS

A variety of grants are available from various federal agencies to aid the Town in implementing its development and preservation goals. A partial list of programs includes:

- Rural Housing Preservation Grant
- Rural Community Development Initiative
- Rural Development, Forestry, and Communities
- Community Facilities Loans and Grants
- Rural Business Enterprise and Opportunity Grants
- Rural Economic Development Loans and Grants
- Historic Preservation Fund Grants-in-Aid
- Outdoor Recreation Acquisition, Development, and Planning

The majority of these grants are awarded to communities with a population up to 10,000 based on a competitive application process.

FIRE ADMINISTRATION GRANTS

The Federal Emergency Management Administration (FEMA) offers over \$100,000,000 in annual grant awards to fire departments in six specific areas: training, fitness programs, vehicles, firefighting equipment, and fire prevention programs. Applicants from communities that serve a population of less than 50,000 must provide a 10% match. If the need warrants, Buchanan may collaborate with surrounding communities to apply for grants to improve response times, expand equipment inventories, or enhance fire prevention programs.

STATE STEWARDSHIP FUND

The Stewardship Fund is the State of Wisconsin's land acquisition program for public outdoor recreation and habitat protection. The fund is administered by WDNR and provides grants for land purchase, park and trail development, habitat protection, expansion of hunting/fishing opportunities, and other outdoor recreational opportunities. Available funding is determined on an annual basis as part of the Governor's budget.

Coordination with Other Comprehensive Plan Chapters

The ability of a community to grow is directly tied to its infrastructure capacity. The preceding sections of this chapter have inventoried existing community facilities, identified current deficiencies, and provided achievable goals for future implementation. This section will focus upon the ways in which the Utilities and Community Facilities Chapter is related to, and will be integrated with, the other chapters of the Comprehensive Plan.

HOUSING

As the population of Buchanan grows, additional demands will be placed upon the Town's infrastructure. New housing will require the extension of utilities like gas and electricity, as well as services such as fire protection, garbage collection, and snow plowing. It is important to ensure that housing is built in areas capable of satisfying the percolability requirements of on-site or alternative treatment systems or be located within the sanitary district. This requires that the Town consider costs of services as part of the review process for proposed residential subdivisions. Moreover, these considerations were also part of the process of delineating new area for residential development on the *Future Land Use Map* presented later in this plan.

TRANSPORTATION

Planning for transportation infrastructure and utilities and community facilities are often tied together. New roads in the Town will undoubtedly result from transportation needs associated with new residential development projects. Utilities are most frequently located in road rights-of-way. Therefore, it is imperative that the Town coordinate planning and construction activities related to the transportation network and future utilities and community facilities.

NATURAL, CULTURAL, AND AGRICULTURAL RESOURCES

A wide variety of natural resources, including the Fox River and its tributary streams, provide Buchanan with its natural beauty. Town residents participating in the plan process identified the natural environment as a valued asset warranting active preservation efforts on the part of their elected officials. This Utilities and Community Facilities Element has identified the creation of community parks as a goal for the Town as means of increasing resident access to the natural environment.

ECONOMIC DEVELOPMENT

The availability of utilities and community facilities like electricity, police protection, and communication services are critical to economic development. Therefore, the goals and objectives of this chapter seek to maintain, and where feasible, improve local utilities and community facilities to allow for economic development opportunities in the Town where they are desired.

LAND USE

Development brings more people and businesses to a community. Accordingly, the need for associated utilities and facilities increases with development. As such, there is a very close relationship between the land use and utilities and community facilities elements of this plan. The *Future Land Use Map* was developed after careful consideration of where utilities and community facilities are now available, or will be available, over the next 20 years. Development is discouraged in those areas where wastewater treatment systems, communication services, power supplies, or other infrastructure costs are prohibitive.

INTERGOVERNMENTAL COOPERATION

Due to the close proximity to the cities of Appleton, Combined Locks, Kimberly and Kaukauna, the Town benefits from the services and facilities these communities provide to Buchanan residents. The Town will continue to depend upon its neighbors and Outagamie County to meet the needs of its growing population. Therefore, coordination with neighboring governments is essential to ensure that development in the Town is compatible with local utility and community facility capacities. Goals and objectives included in this plan, support continued coordination to efficiently provide needed utilities and community facilities to the Town.

The City of Kaukauna Comprehensive Plan identifies the Wisconsin International Raceway as a limiting factor for Kaukauna's development in the Konkapot Creek area due to noise and traffic. The Town is encouraged to work with Kaukauna to discuss concerns and issues Kaukauna has with WIR.

Utilities & Community Facilities Goals, Objectives and Policies

The Utilities and Community Facilities goals, objectives and policies for the Town of Buchanan can be found in Chapter 12: Implementation.