

## CHAPTER SIX

### INTRODUCTION

Community facilities and services is a collective term used to describe a variety of essential activities that sustain and enhance the quality of life for residents within a community. The provision of utilities, public safety programs, and facilities for public health, safety, education, and recreation are all issues that increasingly challenge local governments. Planning is essential to ensure that the provision of these services and facilities meets the future needs of the community.

The provision of community facilities and services can also be used to guide future development. One example of this might be the decision to extend water and sewer service to an area targeted for development. As an economic development tool, the adequacy of facilities and services is also an important consideration. Industrial prospects making a decision to locate in a specific community will examine the quality of resources and services of an area. On the other hand, the limited provision of utilities and other services only within incorporated areas or an “urban services boundary” can enable the community to restrict growth to certain areas where provision of these services is cost effective and promote responsible development.

Planning for the future development of facilities and services must incorporate all of the aforementioned elements. Prioritizing community facilities and services can only be accomplished by careful analysis of the existing levels of provision and projecting future needs. Decisions of who gets what, when, and where are among the most critical issues facing service providers with limited revenue and increasing costs.

This chapter addresses the following community facilities and services in Laurel County; education (schools and libraries), recreation, utilities (water, wastewater, storm water, natural gas, electricity, and solid waste) and emergency services (fire, police, rescue squad, emergency management, ambulance and hospitals).

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## **EDUCATION**

### **LAUREL COUNTY SCHOOL DISTRICT**

The residents of Laurel County are served by two public school districts, the Laurel County School District and the East Bernstadt Independent School District. The Laurel County School District has ten elementary schools, two middle schools and two high schools. There are also two alternative schools which serve students who are not performing well in a traditional school setting. Table 6-1 is a list of schools and a summary of their facilities. Table 6-2 shows the enrollment for each school from the 2001-2002 school year to the 2005-2006 school year. The enrollment at two elementary schools, Keavy and Sublimity, declined during the period. However, enrollment increased at the other schools during the same period. The Laurel County School District has seen continuous growth since 2002, with a five year growth of 30.8%. A new elementary school, Wyan-Pine Grove Elementary located at 2330 Keavy Road (KY 363) will open in the fall of 2007 with a capacity of 500 students.

The Kentucky Department of Education categorizes schools and school districts based on their facility needs. Overall the Laurel County School District is considered to have limited facility needs. Each school is also given a rating ranging from one for excellent condition to five for poor condition. All of London's schools are rated average or better.

### **EAST BERNSTADT INDEPENDENT SCHOOL DISTRICT**

The East Bernstadt Independent School District has one school which serves grades K-8 as well as preschool students. Graduates from the district attend North Laurel High School under an agreement with the Laurel County School District. The school, constructed in 1936, is located at 229 School Street in East Bernstadt. The district's service area radiates approximately one mile from the 10-acre school site, serving the area immediately surrounding East Bernstadt. Enrollment at the school has been relatively consistent over the past six years, as shown below. There are no plans for the district to purchase additional property; however, proposed renovations to the elementary school building are expected to commence by summer 2008.

**TABLE 6-1  
INVENTORY OF LAUREL COUNTY PUBLIC SCHOOL FACILITIES**

School Address	2007 Build. Assess.*	Grades	2006 Enrollment/ Capacity	Approx. Site Acreage	Year Built/ Renovated
<b>Elementary Schools</b>					
Bush Elementary 1832 East Laurel Rd. London KY 40741	1	P-5	356 375	32	1997
Camp Ground Elementary 6800 Barbourville Rd. London KY 40744	2	P-5	302 325	10	1962
Cold Hill Elementary 4012 W. Laurel Rd. London KY 40744	2.5	P-5	477 475	20	1983
Colony Elementary 3656 Somerset Rd. London KY 40741	2	P-5	409 400	10	1950
Hazel Green Elementary 2515 Hwy 1394 East Bernstadt KY 40729	3	P-5	315 475	10	1960
Hunter Hills Elementary 8325 South US 25 Corbin KY 40701	1	P-5	638 775	16	1994
Johnson Elementary 1781 McWhorter Rd London KY 40741	2	P-5	271 300	10	1962
Keavy Elementary 598 W Hwy 312 Keavy KY 40737	2	P-5	348 400	25	1951
London Elementary 600 N Main Street London KY 40741	1	P-5	719 825	10	2006
Sublimity Elementary 900 Sublimity School Rd London KY 40744	2	P-5	430 475	10	1960
<b>Middle Schools</b>					
North Laurel Middle 101 Johnson Rd London KY 40741	2	6-8	953 1,230	20	1988
South Laurel Middle 223 South Laurel Rd London KY 40744	1	6-8	1,058 1,380	5	1978
<b>High Schools</b>					
North Laurel High School 1300 E Daniel Boone Parkway London KY 40741	2	9-12	1,214 1,620	60	1994
Sourth Laurel High School 201 S Laurel Rd London KY 40744	1	9-12	1,276 1,410	20	1970
<b>Alternative Schools</b>					
Laurel Co. Day Treatment 65 Marydell Rd. London KY 40741	Not available	6-12	34 20	Not available	1927
Bentley Alternative School 65 Marydell Rd. London KY 40741	Not available	7-12	27 30	Not available	1927

\*Building assessments explain the relative building conditions for each facility using the

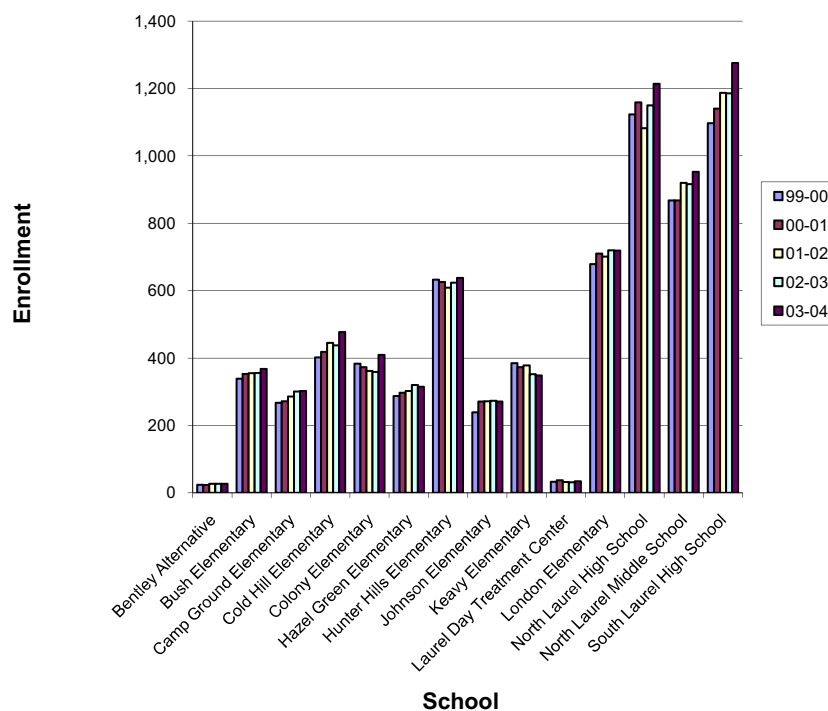
- 1 - Excellent (new, generally less than 10 years)
- 2 - Better (generally 10-20 years old)
- 3 - Good/Average (20-30 years old)
- 4 - Fair/Poor (30-40 years old, needs renovation)
- 5 - Poor (older than 40 years old)

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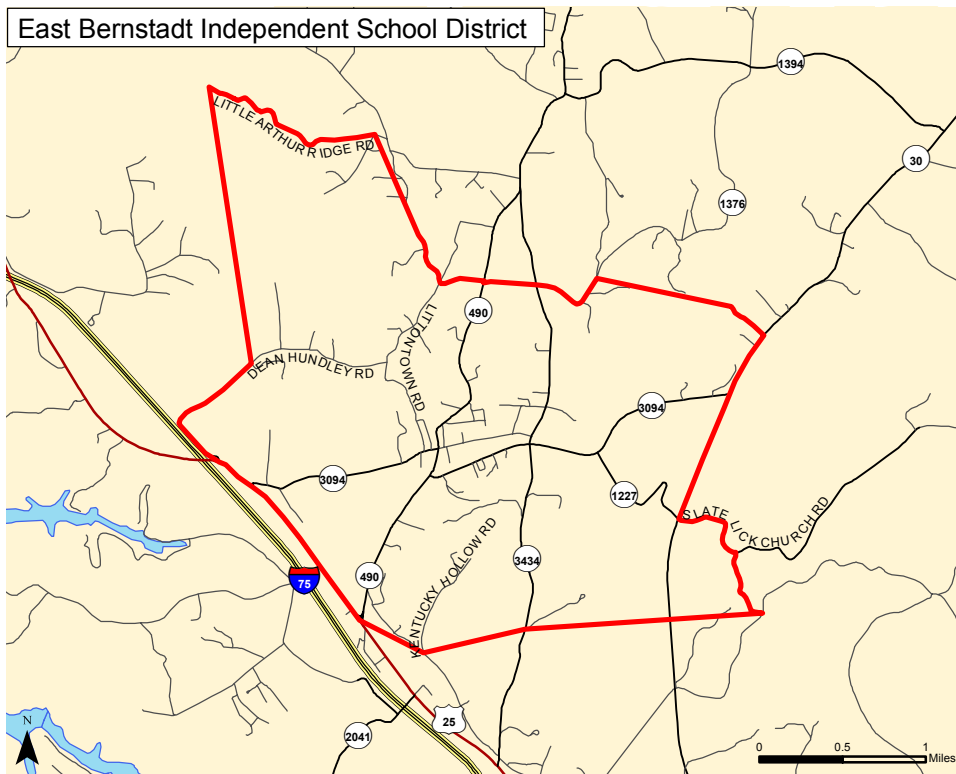
# Community Facilities

**Table 6-2**  
**LAUREL COUNTY SCHOOL DISTRICT ENROLLMENT RATES**



SCHOOL	2002	2003	2004	2005	2006	% CHG
Bentley Alternative	24	23	27	27	27	17.4%
Bush Elementary	339	353	355	356	368	4.2%
Camp Ground Elementary	267	272	286	301	302	13.1%
Cold Hill Elementary	402	418	445	438	477	18.7%
Colony Elementary	383	373	362	359	409	6.8%
Hazel Green Elementary	287	297	302	320	315	9.8%
Hunter Hills Elementary	633	626	609	624	638	0.8%
Johnson Elementary	239	271	272	273	271	13.4%
Keavy Elementary	385	373	378	352	348	-9.6%
Laurel Day Treatment Center	33	37	32	31	34	3.0%
London Elementary	679	710	701	720	719	5.9%
North Laurel High School	1,123	1,159	1,082	1,150	1,214	8.1%
North Laurel Middle School	868	868	920	916	953	9.8%
South Laurel High School	1,097	1,140	1,187	1,186	1,276	16.3%
South Laurel Middle School	1,031	1,108	1,162	1,133	1,058	2.6%
Sublimity Elementary	508	480	453	441	430	-15.4%
<b>Total Enrollment</b>	<b>6,759</b>	<b>6,920</b>	<b>8,573</b>	<b>8,627</b>	<b>8,839</b>	<b>30.8%</b>

Source: Kentucky Department of Education, School Profiles 2000-2006



<i>School Year</i>	<i>Enrollment</i>
2001-02	491
2002-03	469
2003-04	490
2004-05	504
2005-06	505
2006-07	495

## SOMERSET COMMUNITY COLLEGE

The Kentucky Community and Technical College System (KCTCS) is comprised of sixteen community and technical colleges across the state. Of these, Somerset Community College (SCC) has a Laurel County Campus located in the City of London. Out of 6,318 total students enrolled in SCC, 1,430 or nearly 23% claimed the Laurel Campus as their home campus for the 2006-2007 Fall Semester.

Somerset Community College has a single campus in Laurel County, which is made up of two sites. This campus was created by the consolidation of Somerset Community College, Somerset Technical College, and Laurel Technical College. The Laurel North site is a 51-acre property purchased in

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2001. It is located at 100 University Drive in London. This location has one building with approximately 22,000 square feet that is a combination of office space and classrooms. A second academic and technical building (37,000 sq. feet) was constructed in 2002. The Kentucky Legislature approved funding for a third building to be completed in late 2008 or early 2009, which is approximated at 47,000 square feet.

The Laurel South site, located at 235 S Laurel Rd (US 25) in London, is located at the former Laurel Technical College Campus. Originally, this site was 21 acres; however, part of the land was sold to the Laurel County Board of Education. The campus is now approximately five acres and contains one 64,716-square-foot building for classrooms and office space. A 2,000-square-foot storage building constructed in 1980 is also located on this site.

### **THE BENNETT CENTER OF LONDON**

The Bennett Center of London occupies approximately 50 acres on the site of the former campus of Sue Bennett College. Sue Bennett College was a Methodist college from 1986 to 1997. In 1998, Union College of Barbourville, the Red Bird Missionary Conference and the General Board of Global Ministries of The United Methodist Church created The Bennett Center of London. The Bennett Center is a non-profit organization which coordinates the delivery of post secondary educational services with other human services at the Bennett Center. Several non-profit organizations operate at the Bennett Center. Union College at the Bennett Center offers a degree completion program for students who have completed 60 hours of undergraduate course work and desire to earn a Bachelor's degree in an accelerated program of study. Currently, students can earn a Bachelor's degree in business administration with a minor in management. Graduate courses in education are also offered as well as workshops and seminars for industry and professional development.

Other organizations which currently operate at the Bennett Center include Faith In Action Volunteers, Laurel County Adult Education & Literacy, Tri-County Family Mentoring, Christ Presbyterian Church OPC, Kentucky River Foothills Head Start office, SCORE, and Kentucky Baptist Home

for Children. The London-Laurel County YMCA operates the recreational building and the indoor pool located in a separate building under a 30-year lease. There is also a Pottery Center and Crafts Store in the Bennett Center. Due to their age and need for repairs and upgrading, several of the buildings in the Bennett Center are not currently in use.

## **LAUREL COUNTY PUBLIC LIBRARY**

Laurel County is served by four branches of the Laurel County Public Library. The main library is located at 120 College Park Drive in London. This facility is a new building constructed in 2003. In 2004 the library received the “Build Kentucky” award and constructed the new Olde Town Branch at 1200 Highway 490 in East Bernstadt. The South Branch near Corbin was constructed in 2006 at 727 West Cumberland Gap Parkway. A bookmobile service delivers books and other library materials throughout the county free-of-charge for homebound residents. There are no current plans for any new additions or branch locations.

## **PARKS AND RECREATIONAL FACILITIES**

Leisure and recreational activities are increasingly important elements contributing to the overall quality of life in a community. Unlike other community facilities discussed in this chapter, the provision of recreational facilities and programs is not always viewed as essential. Therefore, securing public funds can often be difficult. However, the citizens of Laurel County have a variety of opportunities for recreation. In addition, the county is rich in natural resources that have recreational potential, including the Daniel Boone National Forest, Laurel River Lake, Wood Creek Lake, Levi Jackson State Park and the Cane Creek Wildlife Management Area.

## **CITY OF LONDON PARKS & RECREATION**

The City of London owns and maintains North Mill Street Park located at the corner of Mill Street and West Seventh Street in London. Mill Street Park is about two acres and has a Splash Pad with on-demand water sprays, two sand volleyball courts, three picnic shelters and playground equipment.

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Figure 6-1 shows the location of public parks and recreational facilities in and near the City of London. The City also owns a basketball court on Fire-Rescue Drive across from London Fire Station #1. The London Rotary Club owns and maintains the London Rotary Children's Park on South Dixie Street. This park has a playground and picnic shelter. There is also a small privately owned pocket park on Main Street with a picnic table and benches. There is a short walking track at the new Laurel County Health Department at 525 Whitley Drive. This paved walking track crosses the health department property and connects to paved sidewalks on Whitley Street and Jordan Drive.

The London-Laurel County Family YMCA is located at 60 Alumni Circle. The facility includes a Wellness Center with exercise equipment and weights, a gym which can be used for basketball and volleyball, an aerobics room, a paintball course and general purpose rooms for meetings, parties, and other community events. Outside there is one combination softball/soccer field. The YMCA operates a 15-foot by 25-foot indoor heated pool in a separate building in the Bennett Center. The YMCA operates an 88 child capacity Child Care Center at 30 Alumni Circle. Preschool preparation is offered. The YMCA also operates the 110 child capacity Child Development Center located at the London-Laurel County Industrial Park west of London off of KY 80.

The South Laurel Little League Complex located on Chera-Lynn Lane on the east side of London has two Little League baseball fields, one girls softball field, one Senior League Baseball Field and two T-League fields. There are also two concession stands on the site.

## **LAUREL COUNTY PARKS & RECREATION**

The Laurel County Fairgrounds is located on KY 229 (Barbourville Rd.) adjacent to Levi Jackson Wilderness Road State Park. The fairgrounds property is owned by the State of Kentucky as part of Levi Jackson State Park and leased to Laurel County. It is the only county park maintained by the Laurel County Road Department. The 54-acre park currently has an enclosed barn with concrete floor used as an exhibition building, a picnic shelter area, an outdoor arena with bleachers, four lighted softball fields and a storage



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building. There is a large paved area used for parking and operation of the annual county fair. There is also a gravel overflow parking area and walking trails on the site.

The London-Laurel Optimist Club Sports and Convention Center is a 23 acre facility located at 383 Sinking Creek Rd. four miles west of London south of KY 80. There is a Convention Center building which has a 16,000-square-foot main arena with two basketball/volleyball courts, three meeting rooms, kitchen facilities and two indoor concession stands. Outdoor facilities include a horse show ring, seven soccer fields, two football fields, two horseshoe pits and a picnic shelter. The Optimist Club also owns a youth camp on Reed Road off of KY 80 East. This 23-acre facility is available for rent and includes a softball field, volleyball court, basketball court, picnic shelter, a small (20' by 40') outdoor swimming pool, a horseshoe pit and two multipurpose buildings.

The North Laurel Little League Complex is located adjacent to the Optimist Club Sports Complex on Sinking Creek Road. It has three Little League baseball fields, one Senior League baseball field, one girls softball field and two T-League baseball fields. It also has a building with restrooms and a concession stand.

The VFW operates a park in the Keavy area in southwest Laurel County near the Keavy Elementary School. This park has one ball field, a walking track, playground, picnic shelter, and a multi-purpose building.

Private facilities in the county, including outdoor swimming pools, are located at the London Country Club, Crooked Creek Country Club and the Sweet Hollow Resort. Golf courses in the county include the 9-hole course at Sweet Hollow Golf Club and the 18-hole courses at the Crooked Creek Golf Club and the London Country Club. The Daniel Boone Motocross Park located at 775 Falls City Road off of KY 1956 offers dirt bike and ATV practice tracks and racing.

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## **LAUREL COUNTY SCHOOL RECREATIONAL FACILITIES**

Each of the ten Laurel County elementary schools has an indoor gymnasium and an outdoor playground with playground equipment. The two middle schools and the two high schools each have a baseball field, softball field, football field, soccer field, tennis court and a track. Additionally, the East Bernstadt Independent School has a gymnasium, playground, and softball field.

## **LEVI JACKSON WILDERNESS ROAD STATE PARK**

One state park operated by the Kentucky Department of Parks is located in Laurel County. Levi Jackson Wilderness Road State Park is 896 acres and located south of London off of KY 229. The Mountain Life Museum, which is a representation of a pioneer settlement, is located in the park. It contains seven buildings that were either moved from other sites or built as replicas, as well as various objects from pioneer days. Also located in the park is McHargue's Mill, a working reproduction mill built on the banks of the Little Laurel River at its intersection with Boone's Trace. Surrounding it is the largest display of millstones in the country. There is also a memorial to the McNitt Party, who were victims of an Indian massacre on Oct. 3 1786, located in the park.



*McHargue's Mill at Levi Jackson Wilderness Road State Park.*

Facilities at the park include a 146-site campground with utilities, a playground and a group camping area. Other amenities include an outdoor swimming pool with water slides, a miniature golf course, 8.5 miles of hiking trails, three picnic shelters, additional picnic tables and grills, horseshoe pits, volleyball, and basketball courts. It is also home to the Russell Dyche Amphitheater which seats 1,500 people.

## **DANIEL BOONE NATIONAL FOREST**

A section of the Daniel Boone National Forest is located in western Laurel County. The U.S. Forest Service manages the forest for multiple uses. The forest is open to the public for most recreational uses including hiking, boating, backpacking, horseback riding and fishing. There is a shooting range at Whitman Branch.

Laurel River Lake, located in the Daniel Boone National Forest, has over 200 miles of shoreline and 5,600 acres of water. Recreation opportunities include boating, fishing, swimming and scuba diving. The Corps of Engineers maintains a swimming beach at the spillway of Laurel River Dam. There are eight boat launching ramps on Laurel Lake and two full service marinas. Holly Bay Marina and Campground has a 97-site campground located on the lake. It offers moorage for houseboats and seasonal slips, as well as houseboat, pontoon, and fishing boat rentals. Grove Marina and Campground offers a general store and boat rentals. The campground has 56 campsites and a 32 lakeshore site boat access campground. Camping is also available at the Craig's Creek Group Use Area and the White Oak Boat Access Campground.

Cane Creek Wildlife Management Area (WMA) is located in Laurel County, approximately 15 miles west of London. It consists of approximately 6,672 undeveloped acres in the heart of the Daniel Boone National Forest. It is managed to maintain and improve wildlife habitat by the U.S. Forest Service and the Kentucky Department of Fish and Wildlife Resources (KDFWR) under a cooperative agreement. The majority of this WMA is primarily hilly, steep terrain that is mostly forested with few openings. There is also a Canada

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Goose Management Area along Cane Branch on Laurel River Lake. This area of the lake is closed to motorized boats.

The Rockcastle River forms the western boundary of Laurel County and the Cumberland River marks the southwest corner of the county. In the southwest corner, these two rivers are part of the backwater of Lake Cumberland. London Dock Marina is located in Laurel County on Lake Cumberland at the western terminus of KY 3497. The Rockcastle Recreation Area campground is located adjacent to the London Dock Marina. Camping on the Rockcastle River is also available at the Bee Rock Recreation Area where KY 192 crosses the river. The Rockcastle Adventures Canoe Livery is located on the Rockcastle River north of KY 80 at KY 1956. It offers canoe rentals for trips on the Rockcastle River and Wood Creek Lake.

A portion of the 712-acre Wood Creek Lake in northwest Laurel County is also located within the Daniel Boone National Forest. Wood Creek Lake is owned by the Wood Creek Water District. There is one boat dock and two boat ramps on the lake. Although the lake is too narrow for pleasure boating, it is a prime fishing and canoeing lake.

## **PARKS & RECREATION NEEDS**

As communities grow, it is important to insure that land is available for parks, recreation, open space and greenways to meet the future needs of the community. The recreational needs of communities vary greatly. While there are a number of facilities for group recreation such as baseball fields and soccer fields in Laurel County, the facilities for individual recreational activities are more limited. Studies have shown that adults are more likely to remain physically fit when they can participate in an individual sport or exercise such as running, swimming, bicycling, aerobics, resistance training etc. that does not require group participation. The London-Laurel County Family YMCA facility is the primary facility in London for individual recreational activities. The YMCA facility is an older one with no air conditioning in most of the building. The YMCA pool at the Bennett Center is very small. It was originally constructed in 1941 and is the oldest operational indoor pool in Kentucky. It does not meet current safety and handicapped accessibil-

ity design standards. The greatest recreational need in London and Laurel County is to replace this facility with a new multi-purpose recreational facility. A study process began in October 2006 for such a facility to be called the London/Laurel County Aquatic & Recreation Center. A site for the proposed facility has been identified on College Park Drive adjacent to the Somerset Community College and the Laurel County Public Library. Due to limited funding the facility it has been proposed that the facility be developed in three phases. Phase I would include a 26,000 square foot building with an indoor 25 yard heated pool, a therapy pool, childcare facilities, a fitness center and an aerobics room. Phase II would add a gymnasium and Phase III would be an outdoor aquatics area. The estimated cost of each phase is Phase I - \$6,300,000; Phase II - \$4,000,000 and Phase III - \$5,500,000. At this point in time partial state funding has been obtained for Phase I, however additional funds must be committed soon or the state funds will be lost. Also, a new skate park has been proposed on Dixie Street near Rotary Park.

It is recommended that a joint London – Laurel County Recreation Department governed by a board of directors appointed by the city and the county be established to plan and develop coordinated recreational facilities for the county such as the Aquatic & Recreation Center. As there is no recreational master plan for London or Laurel County, it is recommended that a strategic planning process be undertaken to develop one using a systems approach to planning. The systems approach is defined as the processes of assessing the park, recreation and open space needs of a community and translating that information into a framework for meeting the physical, spatial and facility requirements to satisfy those needs. It is also recommended that a comprehensive guide to parks and recreation guide be developed for public and school recreational facilities in the county and updated every six months.

## PUBLIC UTILITIES

### WATER SERVICE

Laurel County is served by six public water systems including two municipal water systems, three water districts and one water association. Four

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of these public water systems, the London Utility Commission, the Corbin Utilities Commission, Wood Creek Water District and Laurel County Water District No. 2, operate water treatment plants in Laurel County. East Laurel Water District and West Laurel Water Association Inc. purchase treated water and do not operate their own treatment plants. The Wood Creek Water District, East Laurel Water District and West Laurel Water Association share office space and billing operations in a single building located at 1670 E Hal Rogers Pkwy in London.

Four other public water systems have some water facilities located in Laurel County, but do not provide public water service to any customers in Laurel County. As of May 2007, the number of residential customers for each water service was as follows:

East Laurel Water District	4,900
Wood Creek Water District	4,737
W. Laurel Water Assoc.	4,724
Laurel County Water District #2	4,605
London Utility Commission	3,106
Corbin Utilities Commission	<u>192</u>
Total	22,264

According to the US Census, there were 20,353 occupied households in Laurel County in 2000. The Census Bureau estimated that there were 23,140 total housing units in Laurel County as of July 1, 2004. Assuming this number has increased to about 24,000 in 2007 with a vacancy rate of 5%, there would be roughly 22,800 occupied housing units in 2007. Based on these assumptions, more than 97% of the occupied households in Laurel County have public water. In areas of the county not served by public water about 90% of households rely on private domestic wells. The remaining 10% use other sources of water. Each water system is discussed below. Their service area and major facilities are shown on Figure 6-2. Water lines within the City of London are shown on Figure 6-3.

## **LONDON UTILITY COMMISSION**

The [London Utility Commission](#) (LUC) operates the London Water Treatment Plant located on Waterworks Road near London. This plant was

constructed in 2001 and is capable of treating 4.5 million gallons per day (MGD). The water treatment plant utilizes the “*Actiflo*” treatment process. LUC withdraws water from Laurel River Lake. The intake is located near mile 1.33 of Indian Camp Creek. The water is transported from the reservoir to the treatment plant through 10.5 miles of raw water main. They are currently permitted to withdraw 3.0 million gallons per day. As of May, 2007 they provide water service to 3,106 residential customers, 769 commercial customers and 7 industrial customers in and near the City of London. They also sell treated water to Laurel Water District No. 2. The London Utility Commission has five storage tanks and one clear well for a total system storage capacity of 3.0 million gallons. The London Utility Commission also owns the London City Reservoir. This small reservoir has a capacity of 576,000 gallons per day and serves as a backup water source. Although the London Utility Commission maintains a raw water intake and pumping facilities on the reservoir, they do not currently withdraw water from the reservoir. Current plans for upgrades or expansion of the water system include the construction of a new 2.0 million gallon water storage tank in the distribution system. This project is currently in the construction phase and is anticipated to be completed in late 2007.

## WOOD CREEK WATER DISTRICT

Wood Creek Water District (WCWD) operates a water treatment plant located on Wood Creek Lake in northeast Laurel County. WCWD can withdraw up to 3.5 MDG. The Wood Creek Water Treatment plant is currently being upgraded from a treatment capacity of 4.6 MGD to 11 million gallons per day. As of May 2007, Wood Creek Water District serves 4,737 residential customers and 342 commercial customers. They also sell treated water to West Laurel Water Association, East Laurel Water District and the City of Livingston in Rockcastle County. Wood Creek Water District has five water storage tanks with a total storage capacity of 3.25 million gallons.

## LAUREL COUNTY WATER DISTRICT #2

[Laurel County Water District #2](#) operates a water treatment plant located on Robinson Creek Road near the Lily area in southern Laurel County. The water plant utilizes the “*claricone*” system of treatment with a current capacity of 1.44 million gallons per day. LWD #2 can withdrawal up to 1.44

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MGD from the Laurel River at their intake at mile point 27.95 at the Dorthae Dam. They also purchase treated water from London Utility Commission in times of high demand and have an emergency connection with the Corbin Utility Commission. LWD #2 has five water storage tanks with a combined capacity of 2.2 million gallons and a clear well at .15 million gallons for a total storage capacity of 2.35 million gallons. As of May, 2007, LWD #2 serves 4,605 residential customers, 315 commercial customers and 9 industrial customers in Laurel County. They also serve 816 residential and 13 commercial customers in Knox County. Their highest demand customer is Aisin Automotive with a daily water consumption average of 170,000 gallons per day. The current daily demand system wide is 1.8 million gallons per day. The water district office is located at 3910 South Laurel Road.

LCWD #2 plans to upgrade their treatment plant to 2.88 million gallons per day with capability of withdrawing 2.0 million gallons per day from Laurel Lake. Financing for the treatment plant upgrade and new raw water intake has been obtained and design work is underway. Bidding is expected to take place in September, 2007. LCWD #2 is also in the process of obtaining funding to upgrade their waterlines along US 25 to allow for future growth. The US 25 upgrade work will include a new storage tank configuration with two tanks being taken out of service and new ones replacing them. Long term plans include connecting with West Laurel Water Association and the City of Barbourville to be able to buy or sell water to them. They also wish to explore the possibility of a regional water treatment plant in partnership with the London Utility Commission.

### **CORBIN UTILITIES COMMISSION**

The Corbin Utilities Commission operates a water treatment plant located in Whitley County with a treatment capacity of 10 MDG. The source of raw water is the Corbin City Reservoir located in Laurel County. The approximately 140-acre reservoir is located just downstream of the convergence of three large streams, the Laurel and Little Laurel rivers and Robinson Creek, which drain a total of 140 square miles. The reservoir was formed by the impoundment of the Laurel River. Two parallel raw water lines, one 24" and one 30" carry raw water 8600 feet to the treatment plant. Corbin Utili-



ties provides water service to 192 residential and 80 commercial customers in Laurel County as of June, 2007. The only current improvement plans are for plant upgrades and possible dredging of the Corbin City Reservoir to improve water quality.

### **EAST LAUREL WATER DISTRICT**

East Laurel Water District's office is located at 1670 E. Hal Rogers Parkway. East Laurel WD provides water service to the east end of Laurel County. They purchase treated water from Wood Creek Water District. As of May 2007, East Laurel Water District serves 4,900 residential and 208 commercial customers. They also sell treated water to Manchester Water Works at a meter located on along KY 80 at the Clay County line. They have four water tanks with a total storage capacity of 1,984,000 gallons. East Laurel Water District is currently extending water lines to unserved areas along KY 472.

### **WEST LAUREL WATER ASSOCIATION, INC.**

West Laurel Water Association provides water service to the southeast portion of Laurel County. They purchase treated water from Wood Creek Water District. They sell treated water to Cumberland Falls Highway Water District in Whitely County. As of May 2007 they provided treated water to 4,724 residential and 121 commercial customers in Laurel County. They have four water storage tanks with a total storage capacity of 1.6 million gallons. West Laurel Water District is currently implementing a project for water systems improvements on KY 363 and Wynn Road.

### **OTHER WATER SYSTEMS**

The Barbourville Utility Commission withdraws raw water from Laurel River Lake. They have an 18" raw water transmission line which carries untreated water from Laurel River Lake to Barbourville. This line extends along US 25E in the south end of Laurel County. Cumberland Falls Highway Water District in Whitely County purchases treated water from West Laurel Water Association, Inc. They have a small section of waterline from their meter on Flatwoods Road to Whitely County. Manchester Water Works in Clay County purchases treated water from East Laurel Water District at a

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meter on KY 80 at the Laurel-Clay County line. Livingston Municipal Water Works purchases treated water from Wood Creek Water District at a meter located on US 25 at the Rockcastle River.

## **WATER SERVICE NEEDS**

As public water service is available in most of Laurel County, the primary need in the future is to maintain and upgrade existing facilities. To keep costs down, the public water providers should work together to achieve economies of scale, especially for expensive projects such as water treatment plant upgrades. In areas with high density housing, water mains should be upgraded to a minimum of six inch lines with fire hydrants to provide fire protection. Poor raw water quality is also a concern for the future. This issue is addressed in more detail under storm water management.

## **WASTEWATER SERVICE**

Laurel County is served by three public wastewater collection systems. These are the London Utility Commission, the Corbin Utilities Commission and Wood Creek Water District – Wastewater Division Branch. Both the London and Corbin systems operate wastewater treatment plants in Laurel County. Wastewater from the Wood Creek Water District system is treated by the London Wastewater Treatment Plant. The remaining areas of Laurel County are part of the Laurel County Sanitation District formed by the Laurel County Fiscal Court Ordinance No. 221.12 in June 2003. The Laurel County Sanitation District was formed for the purpose of pursuing funding to extend sewer lines to the unserved areas of Laurel County. The Sanitation District anticipates working with existing water districts/associations on sewer extension projects. Any waste collected would be treated by existing treatment plants. At this time the Laurel County Sanitation District has not received funding for projects and therefore has no customers.

The service areas of the four sewer districts are shown in Figure 6-4. Sewer lines within the City of London are shown on Figure 6-5. According to the Strategic Water Resource Development Plan prepared by the Kentucky Water Resource Development Commission in March 2000, public sewer was provided to about 20 percent of Laurel County's residents. This would be

approximately 3,965 households. In 2000, approximately 15,800 households in areas of the county not served by public sewer relied on private on-site treatment systems. As of May 2007, the number of residential customers for each wastewater treatment service was as follows:

Wood Creek Water District	813
London Utility Commission	3,193
Corbin Utilities Commission	<u>676</u>
Total	4,682

Assuming approximately 22,800 occupied housing units in 2007, the percentage of households with public sewer is still just over 20 percent. Once the London Utility Commission and Wood Creek Water District complete currently funded sewer line extension projects (sometime in 2008), an additional 633 households will be served by public sewer increasing the households served to approximately 23 percent.

## LONDON UTILITIES WASTEWATER TREATMENT SYSTEM

The construction of the new Wastewater Treatment Plant (WWTP) for the City of London was completed in 2004 at a cost of 15 million dollars. The new plant is located at 236 Lagoon Trail. The London WWTP has a treatment capacity of 5.0 million gallons per day with a peak flow capacity of 15 million gallons per day. The new treatment plant is currently meeting all discharge permit limits. LUC maintains approximately 512,000 linear feet of sanitary sewer lines and 16 pump stations. As of May 2007, the London wastewater system serves 3,193 residential, 958 commercial, and 8 industrial customers. The London WWTP also treats wastewater collected by the Wood Creek Water District – Wastewater Division.

The London Utility Commission has several planned projects to upgrade and extend the sewer service area in London. Sewer system upgrades are currently under construction in the Meadow Lane area just south of the city and the London- Corbin Airport with work expected to be completed in the fall of 2007. This project will provide service to 78 existing residential households and extend service to 30 acres owned by the industrial authority for future development.

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The London Utility Commission has also received funding to provide sewer service to 24 households in the Meadowbrook Subdivision and 18 households in Phase 1 of the Cross Keys Subdivision, both located southwest of London off of KY 363. After completion of the above projects, there will still be 16 areas in the City of London without public sewer service. The London Utility Commission plans to continue to pursue funding to serve all areas within the city.

## **CORBIN UTILITIES COMMISSION - WASTEWATER SYSTEM**

The Corbin Utilities Commission operates a wastewater treatment plant located on Boone Avenue in the north Corbin area of Laurel County. The plant has a treatment capacity of 4.5 MGD. As of June 2007, the Corbin Utilities Commission provides wastewater collection service to 676 residential and 77 commercial customers in Laurel County. There are no immediate plans to extend sewer service in Laurel County within the next five years.

## **WOOD CREEK LAKE WATER DISTRICT - WASTEWATER DIVISION**

The Wood Creek Lake Water District Wastewater Division provides wastewater collection services to 813 residential wastewater customers in the north end of Laurel County. In 2007 they have wastewater collection lines under construction which will serve an additional 512 residential customers. Wood Creek does not operate a wastewater treatment plant. Wastewater collected by the system is treated at the London Wastewater Treatment Plant.

## **WASTEWATER NEEDS**

The primary concern in Laurel County with wastewater facilities is the large number of houses and subdivision developments in the county that are not connected to a public wastewater collection and treatment system. The large number and density of houses on septic systems in the county has contributed to the degradation of surface and groundwater quality. As discussed below, contamination from straight line pipes and malfunctioning septic systems threatens drinking water supplies and recreational waters in Laurel County. Although significant progress has been made in recent years due to the Pride program to eliminate this source of contamination, these

efforts need to continue. Local officials have recognized the need to extend sewer service to the un-served areas of London and the county. Their efforts to secure funding and construct sewer line extensions need to continue.

The lack of zoning in the county outside of the City of London has resulted in urban sprawl in Laurel County. This type of development is inefficient and expensive to serve with public utilities and services. Large scale residential developments on septic systems will eventually need to be served by public sewers. Installing sewer lines and retrofitting plumbing systems to connect to public sewers is much more expensive when it is done after initial development of the property. Typically such costs are borne by the public utilities, taxpayers and homeowners rather than the developer. It is recommended that future subdivision developments on septic systems be prohibited and that such developments only be allowed if the development can be connected to public sewers. A cost sharing system for developers to help pay for sewer extensions and the eventual upgrade of treatment facilities should be implemented. As package treatment plants have historically had poor performance records and often have to be taken over by public utilities, they are not recommended as an alternative for large scale developments.

## **WATER QUALITY /STORM WATER MANAGEMENT**

All four water treatment plants in Laurel County use surface water as the source of raw water. The London Utility Commission's raw water source is Laurel River Lake adjacent to mile 1.33 of Indian Camp Creek. The Barbourville Utility Commission also has a raw water intake on Laurel Lake near Corbin. Laurel County Water District #2's source of raw water is the Laurel River above the Dorthae Dam north of Corbin. The Corbin Utilities Commission's source of raw water is the Corbin City Reservoir. The approximately 140-acre reservoir is located just downstream of the convergence of three large streams, the Laurel and Little Laurel rivers and Robinson Creek, which drain a total of 140 mi<sup>2</sup>. The reservoir was formed by the impoundment of the Laurel River. Wood Creek Water District uses Wood Creek Lake as its source of raw water.

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Every two years, the Kentucky Division of Water provides to Congress a listing of waters that do not meet water quality criteria. This list, known as the 303d list, includes a listing of polluted reservoirs as well as stream segments. Below is a listing of impaired waters in Laurel County as of 2006 including the impaired use, type of pollution and suspected sources of pollution.

*Corbin City Reservoir* - Acres: 139

Impaired Use(s): Aquatic Life (Partial Support), Drinking Water (Nonsupport)

Pollutant(s): Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Internal Nutrient Recycling; Municipal Point Source Discharges; Agriculture

*Wood Creek* - Acres: 672

Impaired Use(s): Drinking Water (Partial Support)

Pollutant(s): Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)

*Laurel River into Cumberland River* - From River Mile 0.0 to 2.3 Segment Length: 2.3

Impaired Use(s): Aquatic Life (Nonsupport)

Pollutant(s): Impairment Unknown

Suspected Sources: Upstream Impoundments (e.g., PI-5 Irrigated Crop Production NRCS Structures); Source Unknown

*Laurel River into Cumberland River Laurel County* - From River Mile 24.9 to 27.9 Segment Length: 3.0

Impaired Use(s): Aquatic Life (Nonsupport)

Pollutant(s): Impairment Unknown

Suspected Sources: Upstream Impoundments (e.g., PI-5 Irrigated Crop Production NRCS Structures); Source Unknown

*Laurel River into Cumberland River* - From River Mile 36.6 to 46.3 Segment Length: 9.7

Impaired Use(s): Aquatic Life (Nonsupport)

Pollutant(s): Sedimentation/Siltation; Nutrient/Eutrophication Biological Indicators

Suspected Sources: Animal Feeding Operations (NPS); Managed Pasture Grazing; Non-Irrigated Crop Production; Surface Mining

*Little Laurel River into Laurel River* - From River Mile 0.0 to 8.3 Segment  
Length: 8.3

Impaired Use(s): Aquatic Life (Nonsupport), Primary Contact Recreation (Partial Support)

Pollutant(s): Pathogens; Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges

*Little Laurel River into Laurel River* - From River Mile 8.3 to 12.4 Segment  
Length: 4.1

Impaired Use(s): Aquatic Life (Nonsupport), Primary Contact Recreation (Nonsupport)

Pollutant(s): Sedimentation/Siltation; Pathogens; Organic Enrichment (Sewage) Biological Indicators; Phosphorus (Total)

Suspected Sources: Combined Sewer Overflows; Municipal Point Source Discharges; Site Clearance (Land Development or Redevelopment)

*Little Laurel River into Laurel River* - From River Mile 12.4 to 14.6 Segment  
Length: 2.2

Impaired Use(s): Aquatic Life (Nonsupport), Primary Contact Recreation (Nonsupport)

Pollutant(s): Pathogens; Nutrient/Eutrophication Biological Indicators; Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges; Agriculture

*Little Laurel River into Laurel River* - From River Mile 14.6 to 22.8 Segment  
Length: 8.2

Impaired Use(s): Primary Contact Recreation (Nonsupport)

Pollutant(s): Pathogens

Suspected Sources: Livestock (Grazing or Feeding Operations)

*Lynn Camp Creek into Laurel River* - From River Mile 0.0 to 4.5 Segment  
Length: 4.5

Impaired Use(s): Aquatic Life (Nonsupport), Primary Contact Recreation (Nonsupport)

Pollutant(s): Oil and Grease; Pathogens; Total Suspended Solids (TSS)

Suspected Sources: Other Spill Related Impacts; Source Unknown; Habitat Modification - Other Than Hydromodification; Urban Runoff/Storm Sewers

*Mitchell Creek into Sinking Creek* - From River Mile 0.0 to 3.6 Segment  
Length: 3.6

Impaired Use(s): Aquatic Life (Nonsupport)

Pollutant(s): Impairment Unknown

Suspected Sources: Site Clearance (Land Development or Redevelopment)

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*Raccoon Creek into South Fork Rockcastle River* - From River Mile 0.0 to 2.7  
Segment Length: 2.7

Impaired Use(s): Aquatic Life (Partial Support)

Pollutant(s): Nutrient/Eutrophication Biological Indicators

Suspected Sources: Heap-Leach Extraction Mining; Livestock (Grazing or Feeding Operations); Crop Production (Crop Land or Dry Land); Silviculture Activities

*South Fork Rockcastle River into Rockcastle River* - From River Mile 20.8 to 21.5  
Segment Length: 0.7

Impaired Use(s): Aquatic Life (Nonsupport)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat; Crop Production (Crop Land or Dry Land)

*South Fork Rockcastle River into Rockcastle River* - From River Mile 21.5 to 25.5  
Segment Length: 4.0

Impaired Use(s): Aquatic Life (Partial Support)

Pollutant(s): Sedimentation/Siltation; Nutrient/Eutrophication Biological Indicators

Suspected Sources: Channelization; Loss of Riparian Habitat; Streambank Modifications/Destabilization; Livestock (Grazing or Feeding Operations); Crop Production (Crop Land or Dry Land)

*UT to Little Laurel River into Little Laurel River* - From River Mile 0.0 to 1.4  
Segment Length: 1.4

Impaired Use(s): Aquatic Life (Nonsupport)

Pollutant(s): Sedimentation/Siltation

Suspected Sources: Loss of Riparian Habitat

*White Oak Creek into Sinking Creek* - From River Mile 0.0 to 1.0  
Segment Length: 1.0

Impaired Use(s): Aquatic Life (Nonsupport)

Pollutant(s): Sedimentation/Siltation; Total Suspended Solids (TSS); Turbidity

Suspected Sources: Managed Pasture Grazing; Non-Irrigated Crop Production; Post-Development Erosion and Sedimentation

*Whitley Branch into Little Laurel River* - From River Mile 0.0 to 1.1  
Segment Length: 1.0

Impaired Use(s): Aquatic Life (Nonsupport), Primary Contact Recreation (Partial Support)

Pollutant(s): Pathogens; Organic Enrichment (Sewage) Biological Indicators

Suspected Sources: Municipal Point Source Discharges



*Whitley Branch into Little Laurel River* - From River Mile 1.1 to 2.5 Segment Length: 1.4  
Impaired Use(s): Primary Contact Recreation (Nonsupport)  
Pollutant(s): Pathogens  
Suspected Sources: Sanitary Sewer Overflows (Collection System Failures)

As can be seen from the above list, both Wood Creek Lake and the Corbin City Reservoir are impaired drinking water sources. The primary source of pollution for Wood Creek Lake has been septic systems, straight line pipes and other onsite sewage treatment systems. This problem is being addressed by extending sewer lines to houses in the Wood Creek watershed. As discussed above, efforts to extend sewer lines to densely populated areas in the county and the elimination of failed septic systems and straight line pipes should continue in the Wood Creek watershed and elsewhere in the county.

The problems with the water quality of the Corbin City Reservoir are more complex as many of the streams feeding into the Laurel River above the dam are impaired. Due to these problems, the entire watershed above the Corbin City Dam is part of the source water protection areas for Corbin Utilities and Laurel County Water District #2. This watershed and the impaired streams within the watershed are shown on Figure 6-6. A watershed protection plan has been prepared and should be followed by the Planning Commission, City of London, Laurel County Fiscal Court and the various water and wastewater utilities in order to clean up polluted waters in Laurel County and protect the county's drinking water sources. While many of the recommendations require monitoring and control of pollution from point sources such as wastewater treatment facilities, certain agricultural operations, industrial operations, landfarming operations, etc. the greatest threat comes from non-point pollution sources or polluted runoff. Untreated or uncontrolled storm water runoff is the number one cause of impairment to local waterways.

Neither the City of London or Laurel County currently have a storm water management plan. There are four major areas in or near London with storm water drainage problems. These are Kings Branch, Sampson's Branch, Whitley Branch and the Little Laurel River. The City of London is currently

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addressing storm water drainage problems on Whitley Branch in the vicinity of Mill Street.

## **STORM WATER NEEDS**

It is recommended that the City of London develop a storm water management program following the Environmental Protection Agency's MS4 Program model. This program should be supported and followed by the London-Laurel County Planning Commission and other public entities throughout Laurel County. The MS4 storm water management program has six elements termed "minimum control measures" which when implemented should result in significant reduction in pollutants discharged into receiving waters. The six minimum control measures and the actions required are outlined below.

1. **Public Education and Outreach** - Distribute educational materials and conduct outreach to inform citizens about the impacts that storm water runoff has on water quality.
2. **Public Participation/Involvement** - Provide opportunities for citizens to participate in the storm water management program or other programs which improve water quality.
3. **Illicit Discharge Detection and Elimination** - Develop and implement a plan to detect and eliminate non-storm water discharges into the storm water system.
4. **Construction Site Runoff Control** - Develop, implement and enforce an erosion and sediment control program for construction site activities that disturb one acre or greater.
5. **Post-Construction Runoff Control** - Develop, implement and enforce a program to address discharges of post-construction storm water runoff from new development or redevelopment areas.
6. **Pollution Prevention/Good Housekeeping** - Develop and implement a program that reduces or prevents pollutant runoff from municipal operations.

## **NATURAL GAS SERVICE**

Natural gas service in Laurel County is provided by Delta Natural Gas Company. Natural Gas service is only available within the City of London

and near the Corbin area. Figure 6-7 shows the location of natural gas service in Laurel County. Figure 6-8 shows the location of natural gas service in the City of London. Delta Natural Gas has 3,096 residential and 845 commercial customers in Laurel County as of June, 2007.

## **ELECTRIC SERVICE**

Electric service in Laurel County is provided by three suppliers. These are Kentucky Utilities Company, Jackson Energy Rural Electric Cooperative and Cumberland Valley Electric, Inc. The approximate service areas are shown on Figure 6-9. The information for Figure 6-9 was obtained from the Kentucky Public Service Commission. It should be noted that the service areas are approximate and overlap in some areas.

## **SOLID WASTE SERVICE**

The City of London provides door-to-door collection of solid waste, which is subsequently taken to a municipally owned and operated transfer station. Yard waste is collected separately, where it is hauled to an area where it is dumped and composted. Private haulers provide door-to-door collection in the remainder of Laurel County. The County operates a permit system, where haulers must fill out an application and submit a \$25 fee to the County Judge Executive's office. This fee and application must be renewed each year. Waste collected in both the city and county is taken to the Laurel Ridge Landfill, located on 3612 East Highway 352, for disposal. Remaining capacity at the landfill is estimated to be 32 years. The landfill currently has an agreement with Laurel County to provide 15 years capacity for disposal. However, not every household in the county is served under this system, leading some households to dump their waste at work, other households, or illegally.

Currently, no door-to-door recycling programs exist in London or Laurel County, though a drop-spot for recyclables is available at the Recycling Center on Substation Street for city and county residents. Additionally, recycling trailers are located throughout the city and county on a scheduled basis to serve as drop-off centers. This recycling program has been in place for nearly six years, resulting in the recycling of a variety of materials that include plastics, cardboard, and aluminum. Future plans include the testing

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of door-to-door recycling and the establishment of a waste to energy operation at the landfill that will convert gas into electricity by East Kentucky Power Company. There are no specific provisions for recycling automotive materials such as motor oil, batteries, and antifreeze, but these materials may be recycled at a number of service stations and auto parts stores.

## **SOLID WASTE NEEDS**

While driving every road in the county to determine existing land use, it was noted that there were few visible open dumps in the county. However, there were numerous properties with abandoned vehicles, trash, and burnt or dilapidated buildings. It is recommended that the county adopt and enforce an overall solid waste management ordinance which addresses open dumps, littering and other code enforcement issues such as abandoned vehicles and burnt or unsafe structures. Such an ordinance should also address siting standards and procedures for solid waste facilities including landfills.

## **GOVERNMENT BUILDINGS**

A number of government office buildings are located in the City of London. Facilities owned by the City of London include London City Hall located at 501 S. Main Street, the London Community Center at 529 S. Main Street and the London Police Department located 503 S. Main Street. Laurel County facilities include the Laurel County Courthouse located at 101 S. Main Street, two Courthouse Annex Buildings at 103 and 107 S. Broad Street, the Laurel Detention Center at 206 W. 4<sup>th</sup> Street, the Older Persons Activity Center (OPAC) at 426 1/2 E. 4th. St. and the old health department building at 310 W. 3<sup>rd</sup> Street which now houses the Laurel County Historical Society, A new Justice Center is under construction on S. Main Street between 1<sup>st</sup> and 3<sup>rd</sup> Streets. Once construction is completed sometime in 2010, this facility will house Laurel County District Court, Circuit Court, Family Court and the Circuit Court Clerk's offices. The building will be approximately 83,000 square feet on four floors. There are also a number of regional state and Federal offices located in London such as the U.S. Courthouse, Federal Bureau of Investigation, Kentucky State Police Crime Lab and the U.S. Marshal's Office.

## GOVERNMENT BUILDING NEEDS

The new justice center, once it is completed, will help alleviate overcrowding in the courthouse annex buildings. Overcrowding at the Laurel County Detention Center is also a concern. A feasibility study needs to be completed to determine if the current facility needs to be expanded or if a new detention center should be constructed at another site.

## EMERGENCY SERVICES

Emergency services in Laurel County are dispatched through the London-Laurel County Communications Center located at the London Police Department at 503 South Main Street in London. It is an enhanced 911 system which uses a fully automated central computer aided dispatch. The Communications Center is staffed 24 hours per day by a supervisor and 13 dispatchers. They provide dispatch services for the following agencies: London City Police Department, London City Fire Department, Laurel County Sheriff's Department, Ambulance Inc. of Laurel County, Laurel County Coroner's Office, eleven county volunteer fire departments, the London-Laurel County Rescue Squad, six Laurel County Constables, and the U.S. Forest Service. The Communications Center also monitors burglar and fire alarms, and can activate the outdoor warning systems for both the city and the county for severe weather. Outdoor warning systems are located at the London Fire Department and the Lilly Volunteer Fire Department. It is recommended that outdoor warning sirens be installed at each volunteer fire department station.

## FIRE PROTECTION

Fire protection is provided by the London City Fire Department within London city limits and eleven volunteer fire departments in the remainder of the county. The primary service area for each fire department is shown on Figure 6-10. The City of London Fire Department, located at 911 Fire-Rescue Drive is staffed by four paid personnel and approximately 31 volunteers. London has an ISO Public Protection Classification (PPC) rating of 4 on a scale of 1 to 10. The remainder of Laurel County is provided fire protection by the following volunteer fire departments:

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*Bald Rock Volunteer Fire Department* – has one fire station located on KY 1193.

*Bush Volunteer Fire Department* – has two fire stations. Station 1 is located on Marydell Road. Station 2 is located on East KY 80.

*Campground Volunteer Fire Department* – has one station located on KY 229

*Crossroads Volunteer Fire Department* – has one station located on KY 490

*East Bernstadt Volunteer Fire Department* – has one station located on North US 25

*Keavy Volunteer Fire Department* – has two stations. Station 1 is located on KY 312. Station 2 is located KY 552.

*Laurel County Volunteer Fire Department* – has two stations. Station 1 is located at 911 TLC Drive. Station 2 is located on KY 192.

*Lily Volunteer Fire Department* – has two stations. Station 1 is located on KY 552. Station 2 is located on Fariston Road.

*McWhorter Volunteer Fire Department* – has two stations. Station 1 is located on KY 638. Station 2 is located on KY 472.

*Swiss Colony Volunteer Fire Department* – has two stations. Station 1 is located on KY 1956. Station 2 is located on Sinking Creek Road.

*West Knox Volunteer Fire Department* – has two stations. Station 1 is located on Gloucester Ave. Station 2 is located on US 25W.

The eleven volunteer fire departments and the rescue squad belong to the Alliance of Laurel County Fire Departments which meets on a monthly basis. The Alliance owns a fire training tower for use by member fire departments located on KY 229 at KY 192 in London.

## **LONDON – LAUREL COUNTY RESCUE SQUAD**

The London City/County Rescue Squad provides backup for the city and county fire departments. They are housed in a station located at 913 Fire-Rescue Drive in London. They have the primary responsibility for all rescue related activities in London and Laurel County. They have volunteers certified in numerous types of rescue operations including auto extractions, diving operations, confined space rescue, trench rescue, low angle rescue (mines or caves), high angle rescue (cliffs), swift water rescue, farm rescue, severe

weather rescue, heavy rescues (trains, trucks) and land searches. The rescue squad is staffed by one paid employee and approximately 40 volunteers.

## **LAUREL COUNTY EMERGENCY MANAGEMENT AGENCY**

The Laurel County Emergency Management Agency is responsible for coordinating mitigation, preparedness, response and recovery efforts in Laurel County and the City of London. A new Emergency Management Office and a state of the art Emergency Operations Center (EOC) was opened in 2007. This facility is located at 165 Substation Street and also houses the Kentucky Regional Division of Emergency Management Area 11 Office. The Kentucky Weapons of Mass Destruction Hazardous Materials Task Force 11 is also housed in the facility. The building has six vehicle bays and a total of 9,430 square feet.

## **POLICE PROTECTION**

Police protection within the City of London is provided by the London Police Department. The Laurel County Sheriff's Department provides protective services in the remainder of Laurel County. In addition, Kentucky State Police Post 11 which serves Clay, Laurel, McCreary, Pulaski, Rockcastle, Wayne, and Whitley counties is located in the City of London.

## **AMBULANCE INC. OF LAUREL COUNTY**

Emergency and non-emergency ambulance service for all of Laurel County is provided by Ambulance, Inc. of Laurel County. There are three units per shift 24 hours a day seven days a week. This is a privately owned service and is located in a single station at 420 W. Fifth Street in the City of London. It is equipped with ten ambulances and approximately 50 personnel including 12 paramedics and 31 emergency medical technicians. Ambulance helicopter services are located at the London/Corbin Airport and Mary Mount Medical Center.

## **MARYMOUNT HOSPITAL**

Marymount Medical Center provides a wide range of healthcare services to the region. It operates Marymount Hospital located at 310 E 9<sup>th</sup> Street

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in London. Marymount Hospital is an 89-bed general, acute-care hospital that provides a full range of medical, surgical, emergency and obstetric services. They also offer a wide range of diagnostic and therapeutic heart care services which include open-heart surgery and cardiac catheterizations. The primary service area covers a population of 50,000 in Laurel, Jackson, Clay and Whitely counties.

Other facilities in London operated by Marymount Medical Center include London Cardiovascular Surgery located at 803 Meyers Baker Road, Pediatric and Adolescent Medicine located at 21 Middleground Way, Seton Home Health and Tri-County Hospice located at 740 East Laurel Road, Marymount Express located at 408 N Main St. and Marymount Express Medical Imaging located in London Shopping Center. Plans for a new 120 bed hospital to be located on a 52 acre site at Parker Road and Route 192 are underway. The new hospital will be designed to allow for expansion to 240 beds. The new facility is expected to open in 2010.



*Entrance to the existing Marymount Medical Center in London.*