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Sewer plant can handle 800 more—if

A member of the City of Carlisle's engineering firm told the council Monday night that the city could add up to 800 homes to the sewer line without exceeding the capacity of the plant but the problems with surface and ground water runoff must be solved before the city's service would fall into line with Environmental Protection Agency standards.

Bill Moore, a member of Howard K. Bell Consulting Engineers, told the council that the overflow problem the city has at the sewage plant is caused by both surface and ground water runoff. This runoff, which is aggravated by illegal hookups to the city's sewers, causes an overload in the city's treatment plant during wet weather.

The illegal hookups include several roof drainpipes hooked directly to the city sewer line.

Moore said leaks in the city's underground pipes contribute to the water infiltration in wet weather. But, he added, if surface and ground water drainage is corrected he saw no reason why the sewage plant design capacity wouldn't be sufficient for at least 20 years—according to Blue Grass Area Development District population projections.

Hook-ups questioned
Moore and two BGADD officials were at the meeting to discuss the proposed extension of a sewer line out the east end of Carlisle to service people in the Arnold Heights-East Union land area.

At a recent meeting of the city council

an attorney for a group of residents in the Kennedy Heights area threatened to bring the city to court for approving water and sewer service to 12 houses that were planned for Oriole Street by Russell Alexander.

The attorney, Mark Skillern of Lexington, told the city they could be liable individually because, in his opinion and that of his clients, the extra houses in that area would cause sewage and traffic problems.

The approval of the service extension to Oriole Street was tabled until further study could be done but the situation caused the council to investigate other hookups that had been granted, including the Arnold Heights-East Union line extension.

Insignificant increase
Moore said the addition of the estimated 800 homes in that area would be an "insignificant" addition to the sewage plant load.

The engineer also said that in his opinion there wasn't a sewage plant in the state that did not overflow during wet weather conditions. The overflow problem at the Carlisle plant, he said, meant that "whatever sewage was overflowing into the creek was diluted by the ground and surface water infiltration to levels of a lower concentration than regularly-treated sewage."

"The water (in the creek) below the plant is better than it shows," he said.

The news that the city's sewage plant could handle 800 more homes brought a question from Council member Charlie Fay, a supporter of the Alexander extension, about the effect of adding 12 more homes to the city's sewer lines. Moore answered that the amount of extra sewage involved in that number of homes was negligible compared to the city's plant's design capacity.

The engineer said that the plant is designed to handle the city's needs for 20 years or until at least 800 new homes are added to the system.

The Arnold Heights sewer line and water line improvements carry a total price tag of about \$400,000. Don Hassell of BGADD told the council they had approval for a pre-application for partial BGADD funding for the project is needed by March 20, prompting Monday's called meeting.

Hassell said funding would come from BGADD, Nicholas Fusco Court, customer hook-on fees, a FIA grant and an FIA loan at 5 per cent interest.

The FIA funding will not be available until after Oct. 1 of this year but applications for the funds must be completed soon in order to stand a better chance of approval.

The BGADD representatives and city officials said the possibility of extending service to that area had been discussed for 15 years.

One of the benefits expected to accrue from the project is that the expanded fresh water line would bring a reduction in fire insurance ratings to the area.

The project is also expected to stop a great portion of the surface water drainage that pollutes any wells nearby during periods of wet weather.

A public hearing was also held Monday night by the fiscal court on the matter. County officials report almost unanimous acceptance of the project by the 80 or so customers to be affected.

The area in question is outside of the city limits at present but BGADD officials in their population estimates predict it will join the city by annexation sometime in the next 20 years.



Contest winner

Nicholas County's representative to the Kentucky Library Association's "Send a Child to Frankfort" luncheon is Scott Lyons, center. Scott is the son of Mr. and Mrs. Frank Lyons and is in the second grade. Kim Hardwick, left, is first alternate and Tammy Hardwick, right, is second alternate. The KLA is sponsoring the luncheon at the Governor's Mansion for one child from each Kentucky county in honor of International Year of the Child. Mrs. Julian Carroll and her daughter Ely will host the luncheon March 31. — Mercury photo.

New hospital nearing completion; features outlined

The new Nicholas County Hospital is rapidly nearing completion. Virtually all that stands in the way of the structure's occupancy is some work to do in the x-ray room, is now being led in the drywall and doors and the importance of keeping this room safe for both technician and patient has made work proceed at a slower pace.

But the rest of the facility is beginning to take shape with external brick work completed this week as most of the tile laid in place on the floor. And as the building takes shape, the relationship between the two structures (the hospital and nursing home) and the overall planning becomes apparent.

A tour through the building last week with architect Rene Runck gave an indication of what Nicholas Countians will see and hear during the structure's open house, which is expected to be held shortly before the building is occupied in May.

Double-duty lobby
The lobby in the front of the building acts as a waiting place for family and also for people who are under out-patient care, for example, people who come to the hospital for routine x-rays

or lab tests.

Behind the lobby is the emergency area, the trauma room (for seriously injured emergency patients), cast room and a delivery room.

This area serves as an emergency area as well as a space to put extra beds, if needed. Within a relatively small area, hospital officials estimate at least 11 emergency beds could be prepared in case of disaster.

Another feature of the emergency area is that the office worker on duty at night can open the emergency room door without leaving the glass-enclosed office. The structure has been designed so that the office worker can see an ambulance approaching the hospital. The door to the emergency area is connected by remote control to the office.

Also in that area is a place for family members to wait and fill out the necessary forms. This can be done by the regular office worker, who has a window that opens onto the emergency area.

Special care rooms
Near the end of the corridor that runs from the hospital lobby east and

connects with a lobby that was extended from the nursing home is a nurse's station, special care rooms and the x-ray room.

The special care rooms are located adjacent to the nurse's station and are separated by a door and observation window. Special care (or intensive care) patients require round-the-clock observation which can be done from the nurse's station, another area where staff duplication was eliminated.

The nursery is also connected to the nurse's station by a door and observation window. The new hospital will also have an isolation room in the nursery for use when an infant is suffering from a communicable disease and must be kept separate from other infants.

Again, this room is visible from the nurse's station and is no more than three steps from the station.

Behind the nursery is a patient room for maternity cases, with a room across the hall available for that use also. (The regular maternity patient room is decorated with children's wallpaper in blue and yellow decor, one of many rooms in the building where special

attention has been given to room surroundings.)

The kitchen at the nursing home is joined through a corridor and a set of fire doors. The rooms nearest the nursing home have been designed to do double duty as nursing home rooms if more beds were granted the nursing home and space is available on the other hand, the rooms at that end of the nursing can also double as hospital rooms if needed.

The kitchen at the nursing home was enlarged to take care of the added duty of supplying the hospital meals as well. This was done by adding on to the nursing home at the rear of the kitchen and more than doubling the available space.

The hospital is served by two boilers that operate on either gas or oil. Each of the two boilers has a capacity that can serve the entire hospital and they will run alternately. The emergency generator system runs on diesel fuel and is designed to kick in at differing intervals in case of power shortage. The most critical areas will be switched over in less than five seconds with the

entire system operable in less than 30 seconds.

The ventilation system in the new facility is designed for addition of heat recovery units of the cost of energy ever dictated them. In fact, much of the hospital is designed for easy expansion if the need ever arises.

In less than two months the new building should be occupied and that brings along a lot of good news. During a tour of the facility the other day by Casey County Hospital officials, who plan to renovate their building soon, the visitors were told that the Nicholas County Hospital, budgeted at around \$1.6 million, would cost more than \$6 million if bids were let today.

News briefly

Chamber meeting tonight

There will be a called meeting of the board members of the Carlisle-Nicholas County Chamber of Commerce tonight (Thursday) at 7:30 p.m.

All-Ky. City Awards April 5

Can Carlisle repeat as an All-Kentucky City? A delegation from here will find out April 5 at the annual All-Kentucky City awards luncheon at the Harbortown Lane Ramada Inn in Louisville.

Carlisle has won the honor twice. Applications for this year's awards were reviewed two weeks in Lexington. Community development officials from Georgia, West Virginia and Texas judged Carlisle's application along with those from 42 other Kentucky cities seeking the honors.

The winners will be announced at the state luncheon on April 5. Carlisle-Nicholas County Chamber of Commerce.

NCHS plans open house

Nicholas County High School is staying after school Monday, March 27. An open house is planned at the high school that date from 7 to 8:30 p.m. Included will be classroom demonstrations in all areas and a chance to meet teachers and students.

Demonstrations planned include an art show, science lab demonstration, and

Little League tryouts set

Little League baseball tryouts will be held April 1 at 1 p.m. at the Nicholas County Recreation Park. Eligible are all children 8-13 years of age. A Little League meeting will be held March 25 at 2 p.m. at the new National

dramatics presentation and a program in the Agriculture Shop.

A short opening session will begin activities with programs available. All parents and interested citizens are invited to attend. For more information call the Nicholas County High School at 288-7111.

at the Nicholas County Courthouse. President Rene Smoot urges all Nicholas County Chamber of Commerce tonight (Thursday) at 7:30 p.m.

mercer President Rene Smoot is asking for a good representation in Louisville that day. Persons wishing to attend should contact him before March 30 for reservations.

The awards are presented by the Kentucky Chamber of Commerce, which is hosting two other events at the Harbortown Lane location that day. At 7 p.m. will be the state chamber's annual banquet. Guest speaker will be Sen. Robert Byrd of West Virginia. A reception for members concerned about political affairs will precede the banquet at 8:30 p.m. It is sponsored by the Kentucky Business Political Action Committee.

ings, reports from the board and the continuation of the fund drive would be good news until a new board of directors has had time to get to the cemetery under control.

Each member may bring a guest. The dinner will be potluck. Anyone wishing to join the auxiliary is also welcome.

County fire department receives funds

The Nicholas County Fire Department and Rescue Squad was presented a check for \$1,436 this week for the purchase of rescue equipment.

The presentation was made by Carlisle native Bob Buntin, who is Area 13 coordinator for the Kentucky Division of Disaster and Emergency Services. The money was made possible through a \$200,000 allocation by the 1978 Kentucky General Assembly. The funds are designed to help squads acquire the equipment needed to provide emergency services to each county.

Responsibility for the fund was transferred from the State Fire Marshal to DES through an executive order signed by Gov. Julian Carroll last year.

The equipment to be purchased includes two portable flood lights, three full back boards, two half back boards, one six-foot 5,000 pounds chain/grab hook and ring, 70 feet of mainline rope, one eight-pound sledge hammer, two four-inch tackle blocks, two picks, two 15 and 20-foot log chains with grab hooks, one 100-foot extension cord, two 50-foot extension cords, two pairs of tin snips, one 24-foot steel measuring tape, one 26-inch hand saw, one hacksaw blade, 10 hacksaw blades and one five kilowatt portable generator.

Buntin explained that this is the first

allocation of funds of the year and that also during times of major disaster. We know these units need to be properly equipped so they can provide vital assistance during emergencies.

Buntin also said that a training course for rescue squads was currently being established and would cover 80

Cemetery group named

A temporary board of directors was named for the Carlisle Cemetery Company last Friday and members of committees and interested persons is scheduled for this Friday at 7:30 p.m. at the courthouse.

Orville Atkinson, Bob Paul, Charles Gates, Clay Blank and William Powers were named as temporary directors of the company, which had been administered by directors and officials of the Deposit Bank for almost 100 years.

The group will function during the transition and will also set up regulations concerning the cemetery. Committee reports were made during last Friday's meeting and the report from the fund raising drive was termed encouraging.

A Mayville funeral director, Allen

Clay, also met with the group and offered several suggestions for consideration.

It was brought out and agreed to at the meeting that quarterly public meet-

Health Care Auxiliary awards dinner Mar. 27

The Nicholas County Health Care Auxiliary will hold its annual Awards Dinner on Monday, March 27, 6:30 p.m. in the Blue Grass Industries dining room.

All members of the auxiliary, the hospital board, and all auxiliary who

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