

## 1,871,000 GALLONS OF WATER A DAY SAVED BY SURVEY

Leaks Large Enough to Supply Good-Sized Stream Repaired by Lanham.

## 23 PER CENT WASTAGE REPORTED IN DISTRICT

Loss Reached Enormous Total of 6,855, 601,000 Gallons Last Year.

Water enough to keep a good sized stream well supplied has been found wasting away through leaks in the District water system, detected in the first six months of the survey being conducted by the Water Department in an effort to reduce its large percentage of water "unaccounted for." Two survey parties, working at night only in the Southeast and Southwest sections, have uncovered and repaired 86 major leaks, out of which 1,871,000 gallons of filtered water were pouring every 24 hours.

The survey will last 4 years, and it is the hope of Paul Lanham, its chief, that in that time leaks which cause the water distributing system a loss of 10,000,000 gallons a day will have been discovered and repaired. The first 6-month period has more than met his expectations.

**23 Per Cent Is Lost.**  
How serious the problem of wasted water may be seen from the fact the department reported 23 per cent of its supply last fiscal year "unaccounted for." This unaccounted for water reached the enormous total of 6,855,601,000 gallons during the year.

Of the leaks discovered, 23, or most of them, were found in the old iron service pipes, of a type no longer used. These accounted for a loss of 539,080 gallons a day. Other sources of loss were lead pipes, 547,740 gallons; brass pipe, 45,000 gallons; joints on mains, 453,200 gallons; wiped joints, 46,000 gallons; broken mains, 37,000 gallons; couplings, 65,000 gallons; taps, 18,000 gallons; iron connections, 20,000 gallons; and water meters, 80,000 gallons. The field parties detect the blocks in which large amounts of water are being lost at night by meter readings, made at the water mains. In suspected cases they check their readings against the readings in the house meters and then run down the leaks by listening to fire hydrants and other connections of the water system with aquaphones. When they locate the leak they dig down to the pipe and repair it. The repair cost comes out of the maintenance funds of the department.

**Part of Funds Returned.**  
The survey was given an appropriation of \$400,000 for its first year, but owing to a slow start in getting organized and the extreme lateness in passing the 1931 appropriation act, only \$19,588.59 of this sum was spent when the appropriation lapsed July 1. The survey is now operating on its 1932 appropriation, but it is planned later to ask for a reapportionment of the unexpended balance from 1931.

The survey makes all of its own instruments and calibrates them at its laboratory at the Bryant Street Pumping Station. Although it is not believed any large water system can ever be operated so efficiently that there is no waste, the cost when the wastage is large is high. The water must be electrically pumped, filtered, chemically treated, and then treated, and its weight is an extra burden on the distributing system.

**Exceeds Federal Use.**  
The amount of water going to waste exceeds the amount used annually by the Federal and District governments combined.

For the year the total paid consumption of water amounted to 16,421,568,000 gallons, or 54 per cent of the pumped water. The total paid consumption amounted to 8,855,601,000, or 23 per cent; water used free by the Federal Government, 4,293,149,000, or 14.3 per cent; District government, 1,802,993,000, or 6 per cent. The total pumped was 29,960,705,000 gallons. The work of the survey is not concentrated on the area around Stanton Square northeast. Later in the year the city will be split into a number of master sections. The survey party will take up the central downtown section last, as this is the most difficult section to handle, and it is planned to take it on when the water supply is at its lowest. The survey has reached its highest degree of efficiency. Owing to the large commercial usage of water during the night hours, the detection of leaks is made more difficult, although still capable of being accomplished by expert hands.

**PROPERTY OWNERS ANSWER BUS FIRM**

Deny Action for Removal of Vehicles From Lot Caused by Jealousy.

David L. Rindland, attorney for property owners who are seeking to prevent the use of a vacant lot in the rear of M street between First and North Capitol streets as a parking space for interstate buses, has denied that the complaint was inspired by neighbors' desire to deprive the bus company of the lot to park their own cars at night. The Pennsylvania Greyhound Lines, which had been parking its buses at night nearby in New York avenue, rented the lot last week after residents had complained and occupied it. When Rindland threatened an injunction suit and appealed to the District Commissioners, on the ground that the company was violating a zoning regulation, L. C. Major, local bus manager, countered with the charge that the property owners were "peevish" because they could no longer park their own cars on the lot.

**MADE MAJOR GENERAL**

Brig. Gen. Roy Hoffman Confirmed in Oklahoma Guard Rank.

Brig. Gen. Roy Hoffman, a former Reserve officer, has been recognized by the War Department as a major general of the Oklahoma National Guard, replacing Maj. Gen. Baird H. Markham, resigned. Gen. Hoffman will command the 45th Division, composed of troops from Arizona, Colorado and New Mexico, in addition to those of the 3rd Provisional Division and for many years was president of the Reserve Officers' Association.

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## 10,000 Seek U. S. Jobs Here

THREE-DAY CIVIL SERVICE EXAMINATIONS BEGIN.



Photo shows some of the 3,700 men and women who took quiz for positions as file clerks today. David J. Williams, one of the 40 examiners, is in charge of the group.

WITH an unprecedented number of would-be Government workers in competition with one another, a three-day Civil Service examination for positions as under file clerks and junior file clerks today began at 9 o'clock this morning.

The morning class, divided into groups of 48 each, was in session for more than 2 hours, and another class began work at noon, with a total of approximately 3,700 men and women scheduled to answer the examiners' questions during the two periods.

Altogether, about 34,000 persons applied for the jobs, but less than one-third of them are taking their examinations here.

Due to widespread unemployment, there were considerably more applicants for the position than ever before. The last competition for jobs was under file clerks and junior file clerks was held two years ago, but only women were eligible.

A large percentage of those taking the examinations are temporary Census Bureau workers who are scheduled to be laid off soon. Although this year's competitions are open to both men and women, there are considerably more women than men among the thousands of applicants.

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## HIT-A-RUN PURCHASE ENDS AS CAR KILLS ESCAPING AUTOIST

James E. Hancock Is Hurlled to Street, Then Crushed in Trying to Escape.

## FOUR OTHERS SOUGHT IN DEATH RIDE PROBE

Victim Halts After Two Collisions, Then Flees to Vehicle, Dying in Double Smash-Up.

James Elmer Hancock, 24, 625 Seventh street northeast, alleged hit-and-run driver, was killed last night in the fourth of a series of automobile collisions. His car was hit from behind and turned over on him by one of two drivers from whom he was trying to escape after striking their cars.

Blaine Lowry, 22, of Mount Rainier, Md., was being held at the twelfth precinct station today in connection with the case. Meanwhile police were looking for three women and a man said to have been riding with Hancock shortly before he was killed.

**Run Away, Police Charge.**  
According to the account of the collision, Hancock's car first struck an automobile operated by William H. Forrest, colored, of the 1100 block U street, near the Baltimore and Ohio tracks at Michigan avenue northeast.

In an attempt to get away, Hancock's car struck the automobile operated by Lowry, who was about to get away at the time of the first collision.

After Hancock's car hit Lowry's, Hancock stopped and he got out and discussed accounts with Lowry and Forrest.

**Four Reported With Victim.**  
They were copying Hancock's automobile permit when the latter apparently suddenly changed his mind, grabbed his permit from them, made a U-turn and started driving away with the other two in pursuit.

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## "FOUR HORSEMEN" REPRIMANDED FOR SERIES OF RAIDS

Carelessness and Lack of Preparation Charged to Police Detectives.

## PRATT DISAPPOINTED BY SHOWING IN COURT

Acquittal of Many of Alleged Gambling and Rum Offenders Brings Action.

The "Four Horsemen" of the Metropolitan Police Department, who rode to notoriety in their series of warrantless raids on speakeasies and gambling houses in the city last month, were reprimanded for their handling of the raids at roll call this morning by Inspector Frank S. W. Burke, acting for Maj. Henry G. Pratt, superintendent of police.

The acquittal of many of the alleged offenders arrested in the raids, and the refusal of prosecuting officers to file papers against many others resulted in the reprimands, it was said. The quartet, who became known as the "Four Horsemen," includes Detectives Howard E. Ogilvie, Arthur T. Phinley, Lawrence A. O'Dea and Oscar W. Mansfield.

**Carelessness Charged.**  
Carelessness and lack of preparation in the co-called gambling cases, was alleged in the reprimand. It was said the testimony of the men did not agree in every minute detail, although Maj. Pratt said he is certain the men told no untruths.

"I am personally disappointed because of the showing made by the four detectives in their appearances before the courts," Maj. Pratt said in his communication to Inspector Burke.

"You will reprimand and warn each of them that such work on their part cannot be excused, and inform them that the only reason more drastic action is not taken in this instance is because of their faithful service to the department."

**Officers Commended.**  
At the same roll call Capt. Edward J. Kelly and seven detectives, one of them Ogle of the "Four Horsemen," were commended for their successful investigation of the slaying of Manie Solomon, taxicab driver, killed in a hold-up in South Washington on July 29.

The General Commendation of his communication that the men had very little evidence upon which to start the investigation and said that the result of their "constant, diligent and untiring efforts."

Besides Capt. Kelly and Detective Ogle, those who received commendations were Detectives Joseph Waldron, Carlton Talley, George Darnall, John Flaherty, Robert J. Barrer and Precinct Detective M. J. Mahoney.

**MITCHELL TO RULE ON PARK AGREEMENT**

Attorney General to Pass on "Definite Commitments" Named in Purchase Act.

Attorney General William D. Mitchell has before him for legal interpretation, it was learned today, the form of tentative agreement drawn up between the National Capital Park and Planning Commission and the Maryland-National Capital Park and Planning Commission for park development north of Washington.

One of the main questions which the Federal Government's chief law officer is asked to decide is just what constitute the "definite commitments" named in the Capper-Crampton park purchase act, and the Federal Government may legally loan funds for the development of the nearby Maryland valleys.

The General Government is requested to determine just what will safeguard the Federal Government in the loan it is making to the Maryland-National Capital Park and Planning Commission for park development north of Washington.

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## New Tests Made on "Lung"

SUBMARINE ESCAPES SPEEDED UP.



Upper: Lieut. Lowe H. Bibby, officer in charge of the Experimental Diving Unit at the Navy Yard, Chief Boatswain's Mate Rogers in the decompression chamber, used slowly to decompress divers after they have been working under high pressures, and so to eliminate the danger of the dread divers' disease, the bends.

Lower: Chief Boatswain's Mate C. Rogers, at the bottom of the Navy diving tank at the Washington Navy Yard, wearing the "lung," which enables crews to leave dissolved submarines.

**BY REX COLLIER.**  
PRELIMINARY tests of a new method of using the "lung," the Navy's submarine escape device, have indicated the feasibility of evacuating the crew of a disabled submarine in one-fourth the time heretofore considered practicable.

The experiments, conducted for the past few weeks at the Navy Yard here, have indicated the feasibility of evacuating the crew of a disabled submarine in one-fourth the time heretofore considered practicable.

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## TWO DEFECTIVES TRIED IN WOMAN'S BEATING CHARGES

Tenth Precinct Officers Arraigned After Making Arrest in Home.

## ACCUSING WITNESS SAYS POLICEMAN HIT ESCORT

Refused to Arrest Man Accused of Burglary, She Tells Trial Board.