

# Water Pollution a Major Problem for U.S. Cities

By REYNOLDS KNIGHT  
A major and growing problem in the United States of the 1960's is finding adequate water supplies. Americans use some 25 billion gallons of water every day of the year.

Estimates are that each of us uses directly some 60 gallons of water a day and "indirectly" use a total of 15,000 gallons a day, in the food we eat and the things we use. Without water neither man nor industry could survive for long.

This problem has been sharpened by pollution of most, if not all, of the rivers and streams in American as industry cities, and towns have historically relied on them to carry off sewage and waste. But a fight is being made on water pollution and the success achieved in cleaning up the Ohio river has been hailed as a major milestone.

In Congress an anti-pollution bill is in the House after having passed the Senate, but its critics say it doesn't provide enough money, nor strong enough enforcement powers. Some change may be made, however.

Since the majority of the nation's water services are publicly owned and operated cities and states should perhaps get into this water pollution fight more strongly while there still is time.

**REDUCED De-icing Damage**—It has been estimated by at least one expert that rust caused by street de-icing salt causes \$100 damage a year per car in some snow belt cities.

But now a Minneapolis company reports it has a corrosion inhibitor that, when applied to de-icing salt, cuts auto corrosion by up to 87 per cent. The company is Cargill, Inc. and its "rust-proof" salt, called "Carguard," will be available this summer for use next winter by cities, counties and states.

The cost? Using Minneapolis as an example, Dr. A. Richard Baldwin, Cargill vice president and research head, estimates the treated salt would raise de-icing costs about 16 cents per car per year—based on the 500,000-plus cars using Minneapolis streets daily.

Carguard was tested for four years and the final test, conducted in cooperation with the City of Davenport, Iowa, showed that Carguard gave 87 per cent protection against rust on flat surfaces of auto body metal and 80 per cent protection to creviced surfaces, Dr. Baldwin said.

**"PILLOWS" FOR Ladies of Sea**—The U. S. Navy and a rubber company have collaborated to ease the squeeze on taxpayer dollars by putting tough, resilient rubber over the squeeze on giant rubber cushions.

At the Norfolk, Va., submarine base, sub tenders lower eight-foot-long rubber cylinders over the side as submarines tie up alongside for transfer of supplies. The cushions, called ship fenders, protect the hulls and sensitive equipment of the vessels from rough contact. They were developed by B. F. Goodrich Industrial Products Company, Akron, O., to meet rigid Navy specifications.

The fenders are made of a core of steel tire cord. A 22,000 and 2,400 pound squeeze produces only a 12-inch dent in the massive cushion and it springs back into shape as soon as the load is removed, the company said. Each cushion weighs between 2,200 and 2,400 pounds. They are used in Holy Loch, Scotland and Rota, Spain, as well as at other submarine bases in the United States.

**SCIENCE IN THE News**—A few days ago medical science celebrated the 80th anniversary of use of oxygen in the treatment of pneumonia. The ceremonies were held at York, Pa., where the first patient was treated in 1885 and included tributes to the late George E. Holtzapfel, M. D., discoverer of the technique. That first patient, then 16, lived to the age of 91. A relatively new scientific field known as bioengineering may some day lengthen the lifespan of as many as 10,000 persons, who would otherwise die of cancer disease. They're designing an inexpensive, disposable artificial kidney to do for the many the work that today's expensive, professionally operated artificial kidneys do for the few. Animal life, represented by a tiny pink mite, has been found living 309 miles closer to the South Pole than animal life had

previously been known to exist. One-hundredths of an inch in length, the mite is called *manorchestes antarcticus*.

**THINGS TO COME**—A new style rear-view mirror to eliminate the right-hand blind spot that causes many road accidents. A vulcanized fiber to be laminated to wood used for house sidings; reported to extend the life of exterior paint jobs by six

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years. Just in time for Lent: a leading fish company has added three new case-rol items, shrimp scampi, flounder almondine and scallops. New liquid artificial sweetener called Coffee Sweet. Aluminum-mounted hand stamp that carries its own ink supply and is good for 25,000 "clear and crisp" impressions.

**BITS O' BUSINESS**—Businessmen optimistically expect sales, profits and order volume to reach new highs in the second quarter of 1965. With the opening of the 62nd annual toy fair predictions were heard that this year will be "the greatest ever" for sales. Demand for private aircraft continues high. January deliveries of 865 new planes was a 19 per cent gain over the same month in 1964. Steel and automobile production continue to make new records. Reflecting good consumer demand, installment credit in January rose by \$670 million to \$59.3 billion, the largest one-month gain on record.



## BETTER MEATS, BIGGER BARGAINS!

- Chickens** 39¢  
FOR ROASTING ECONOMY QUALITY, 30% TENDER
- Sliced Bacon** 49¢  
CIRCLE K EASTERN MARKET BASKET LINK SALT 1-LB. PKG.
- Sausage** 49¢  
4 8-OZ. PKGS. LESS U.S.D.A. CHOICE BEEF SHOULDER
- 0-Bone Roast** 49¢  
U.S.D.A. CHOICE BEEF SHOULDER
- 7-Bone Steak** 49¢  
FRESH
- Ground Beef** 39¢  
FRESH (GROUND ROUND, L.B. 69¢)
- Ground Shoulder** 59¢  
SIRLOIN TIP, CUBE OR MINUTE
- Boneless Steaks** 89¢  
BONELESS EYE OF ROUND
- Roast or Steak** 1.29  
BONELESS
- Breakfast Steaks** 1.29  
ARMOUR STAR CANNED
- Pork Shoulder** 1.89  
3-LB. CAN BONELESS, READY TO SERVE

LEAN FARMER STYLE **Spareribs** L.B. 49¢

U.S.D.A. CHOICE BEEF **CHUCK ROAST** 29¢  
MEATY, WELL TRIMMED L.B.

U.S.D.A. CHOICE BEEF **TOP SIRLOIN STEAK** \$1.25  
BONELESS, WELL TRIMMED L.B.

EASTERN GRAIN-FED PORK **PORK CHOPS** 67¢  
CENTER CUT RIB L.B.

PRICES EFFECTIVE THURS., FRI., SAT., SUN., MARCH 25, 26, 27, 28

MARKET BASKET FRUIT OR WALDORF **Salad** 24-OZ. CTN. 49¢

WISCONSIN **Longhorn Cheese** L.B. 59¢

PILLSBURY SNOWFLAKE **Dinner Rolls** 8-4-OZ. PKG. 19¢

BETTY CROCKER CHOCOLATE CHIP, RAISIN OATMEAL OR **Sugar Cookies** 16-OZ. CTN. 45¢

LEO'S SMOKED HAM, 3 1/2-OZ. OR CORNED BEEF, SPICY BEEF OR **Smoked Beef** 3 1/2-OZ. 3 PKGS. \$1.05

DANOLA SLICED **Cooked Ham** 5-OZ. PACKAGE 59¢

HORMEL **All Meat Winners** 1-LB. PKG. 40¢

MARKET BASKET **Blue Cheese Dressing** 16-OZ. BOT. 49¢

FGP **Fruit Cocktail** 2 16-OZ. CANS 37¢

SAXON **Apple Juice** DELICIOUS, REFRESHING 2 QUART BOTTLES 45¢

CARNATION **Chunk Style Tuna** 3 6 1/2-OZ. CANS 69¢  
1890 FRENCH, FRENCH LADY OR 1000 ISLAND

**Milani Dressings** YOUR CHOICE 8-OZ. BOTTLE 35¢

JERSEYMAID 1/2 QUART CARTON, 49¢ **Cottage Cheese** PINT CARTON 25¢

FLEISCHMANN'S **Margarine** 16-OZ. CARTON 2 FOR 75¢

INCLUDES 7c OFF **Tenderloin Tea Bags** PACKAGE OF 48 59¢

MEETER'S **Sauerkraut** 32-OZ. JAR 33¢

NALLEY'S **Beef Stew** 24-OZ. CAN 49¢

FGP **Old World Cuisine CORN & TOMATOES ZUCCHINI & TOMATOES GREEN BEANS & TOMATOES TOMATOES FOR SALAD BEANS FOR SALAD** 4 16-OZ. CANS \$1

PICTSWEEP FROZEN PEAS, MIXED VEGETABLES, SPINACH, CUT CORN, SQUASH, MUSTARD GREENS OR CRINKLE CUT POTATOES —YOUR CHOICE

**Vegetables** 5 PKGS. 89¢

LAURA SCUDDER'S **Mayonnaise** OT. JAR 45¢  
ALL PURPOSE, FITS EITHER HAND

IDEAL FOR PAINTING, HOUSEHOLD CHORES, GARDENING, COSMETIC USE. PER GLOVE, ONLY **Gloves** 10¢

KILLS GERMS ON CONTACT **Listerine** ANTISEPTIC REG. 79c 14-OZ. BOTTLE 66¢

YUBAN **COFFEE** SAVE 20c 1-LB. CAN 69¢

MORTON'S FROZEN **PIES** • APPLE • CHERRY • BOYENBERRY • COCONUT-CUSTARD • PEACH YOUR CHOICE EACH 25¢

CRISCO (SAVE 15c) 38-OZ. BOTTLE **SALAD OIL** 55¢

ZEE TOILET TISSUE (THREE 4-ROLL PKGS.) SAVE 12c **TISSUE** 12 ROLLS \$1

DETERGENT (INCLUDES 30c OFF) SAVE 50c **DASH** 157-OZ. JUMBO SIZE PKG. \$1.79

- LENTEN SEAFOOD VALUES**
- FRESH FILLET OF **Ocean Perch** L.B. 59¢
- FRESH **Fillet of Sea Bass** L.B. 69¢
- MRS. FRIDAY'S FROZEN **Breaded Shrimp** 1 1/2-LB. PKG. \$1.83
- FOUR FISHERMEN FROZEN PIZZA SAUCE **Fish Sticks** 12-OZ. PKG. 55¢
- CARNATION FROZEN **Solo Fillets** 1-LB. PKG. 65¢
- CARNATION FROZEN FILLETS OF **Porch or God** 1-LB. PKG. 49¢
- GULF PRINCESS CLEANED & DEVEINED **Frozen Shrimp** 12-OZ. PKG. 99¢
- FROZEN **Jumbo Shrimp** L.B. \$1.49
- KELLOGG'S **Corn Flakes** 12-OZ. PKG. 29¢
- CUT OR ELBOW **Superio Macaroni** 2 FOR 35¢
- SANALAC **Instant Milk** 10-OZ. PKG. 95¢
- IVORY **Liquid Soap** 95-OZ. BOTTLE 59¢

WALDORF SALAD TIME! **APPLES** 5 LBS. 49¢

FRESH, CRISP WASHINGTON WINESAPS

RED LEAF, BOSTON, ENDOVE OR **Romaine Lettuce** YOUR CHOICE 2 FOR 19¢

LARGE SIZE **Now Crop Walnuts** (IN SHELL) L.B. 39¢

CRISP **Fresh Celery** EACH 15¢

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FRESH-CUT, LARGE TENDER SPEARS **Asparagus** L.B. 25¢

SARATOGA **Dried Prunes or Apricots** 3 BAGS \$1

SUNNYLAND FLAVOR-FRESH **Orange Juice** 48-OZ. BOT. 89¢ OT. BOT. 49¢

VITA PAK—3 FLAVORS **Juice Bars** 6 IN PKG. 35¢

WELCH'S FROZEN **Grape Juice** 6 6-OZ. CANS \$1

ROSARITA FROZEN **Dinners or Beef Tacos** PKG. 39¢

FOR YOUR LAUNDRY—32-OZ. PKG. **Ivory Snow or Flakes** 79¢

NABISCO **Fig Newtons** 1-LB. PKG. 43¢

NABISCO **Vanilla Wafers** 12-OZ. PKG. 39¢

PACIFIC **Treats Crackers** 1-LB. PKG. 35¢

CAMAY (BATH BARS, 2 FOR 31c) **Toilet Soap** 2 REGULAR BARS 21¢

REYNOLDS **Aluminum Foil** 75-SQ. FT. ROLL 65¢

FGM **Feminine Napkins** BOX OF 24 75¢

WYLER'S **Parsley** 1-OZ. JAR 35¢

DETERGENT **Droit** 44-OZ. PKG. 83¢

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**DOROTHY DIGS** in the garden

By now you have probably had at least one invasion of the lowly snail in your garden. This slow moving creature will travel from your neighbor's yard to yours in an evening if you have set out some nice tender plants for him. Snails and slugs are night travelers and are particularly active after a rain or a sprinkling.

It is always well to scatter some snail pellets around all new plants. Snails also like most all other plants.

It is now possible to get pellets with no arsenic in them which greatly cuts down the hazard to children and pets. Of course, no material is 100 per cent safe and precautions should always be taken with ALL pesticides.

I wish I could tell you of a product that would completely eliminate slugs and snails, but that is impossible. A new crop is born every 20 to 30 days and if you kill all yours, new ones will come from next door. The only sure way to keep them under control is to keep a box of pellets on your shelf in the garage and scatter them around when you see any mucus trails or other evidence of snails.

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