Zoning ordinance validity to be tested

The St. Johns city council has been requested by the board of the bank to render a determination on the validity of the city's zoning ordinance.

The request was made by the board of the bank, which has been evaluating the proposed ordinance in order to determine whether it is consistent with the state's zoning laws.

The ordinance, which was adopted by the city council in 1971, provides for the establishment of various zoning districts, including commercial, industrial, and residential areas.

The bank has requested that the city council determine whether the ordinance is valid and whether it is consistent with the state's zoning laws.

The bank has also requested that the city council consider any changes that may be necessary to ensure that the ordinance is consistent with the state's zoning laws.

The city council has agreed to consider the request and will schedule a public hearing to discuss the matter.

The public hearing will be held on a date to be announced, and the city council will consider the opinions of all interested parties.

The city council has also requested that the community provide any comments or suggestions on the proposed ordinance that may be helpful in determining its validity.

The city council will consider all comments and suggestions before rendering a determination on the validity of the zoning ordinance.
O-E school board given March date for tentative vote

Members of the O-E school board met at a regular session Monday night and acted to establish a teachers' evaluation committee and to set the date for a tentative contract. The board will meet Monday night, March 26, to establish a tentative contract which will be presented to the Michigan Association of School Boards (M.A.S.B.) on Tuesday, March 27.

The board also discussed plans for the new elementary school. The building committee will be appointed at the May regular meeting and will present plans for the school at the May regular meeting of the board.

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O-E (P-W) — O-E was awarded a grant to help establish a school band and a school orchestra. The grant was made possible by a grant from the Federal Government. The grant will be used to purchase musical instruments and to provide a music director.

Several students were honored at the March meeting of the board. The students were honored for their academic achievement and for their contributions to the school. The students were honored for their academic achievement and for their contributions to the school. The students were honored for their academic achievement and for their contributions to the school.

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Area musicians may enter Lansign symphony testing

The Lansing Symphony Association is currently accepting auditions for area musicians. The orchestra conducts auditions regularly to find new talent. "Titors of the orchestra have been selected by our Music Director, Douglas Moore," said John F. Horsley, president of the orchestra. "The auditions are open to anyone who can play the instrument well." The orchestra has openings for violinists, violists, cellists, and double bassists. Auditions will be held on Saturday, February 10th, at 3:00 pm at the Earle Theatre. To schedule an audition, contact the Lansing Symphony Association at (517) 323-1313.

MRS DALE HEIDEMAN

Dale Heideman weds Jean Murrow Dec. 27

ALUMNI-American Mary Jo Heideman, daughter of Mr. and Mrs. Ross Heideman, has married Jean Murrow of Clawson, Michigan. The couple were married on December 27th at St. Paul United Methodist Church in Detroit. The bride was escorted by her father, Mr. Heideman, and the groom was accompanied by his father, Mr. Murrow. The wedding was followed by a reception at the St. Paul United Methodist Church. The couple will reside in Detroit.

City Breitens

Mr and Mrs Cottol Bank of Owosso and Arlington, Michigan, are parents of a baby girl born to Mr. and Mrs. Cottol, Jr. on New Years Day at St. Mary's Hospital in Owosso. The baby was born to Mr. and Mrs. Cottol, Jr. and attended the University of Michigan. She was named Jennifer Mary Cottol. The family plans to return to Owosso for the wedding of their daughter, Jane, in April.

BANNER REBEKKAH has installation

The Banner Rebekkah Lodge, No. 57, will meet on January 20th at 7:00 pm at St. Paul United Methodist Church in Owosso. The installation ceremony will be held at 8:00 pm. All members are encouraged to attend.

ECONOMIC SHOE STORE

End in Foot Holders with Famous Brand Shoes

123 N. Clinton St., Owosso, Michigan

Home 39-1291

Safaari $1299

We can fit the entire family—from Father to Mother, Daughter and Son.

Get the right shoe size every time with Hush Puppies® casuals. We fit hard-to-fit feet easily with a full range of sizes and styles.

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ECONOMIC SHOE STORE

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123 N. Clinton St., Owosso, Michigan

Today's go-anywhere, do-anything Hush Puppies®

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Get the right shoe size every time with Hush Puppies® casuals. We fit hard-to-fit feet easily with a full range of sizes and styles.

Hush Puppies®
Celebrates anniversary

Mr. and Mrs. Earl Darnell of N. 12th, St. Johns, will be honored Saturday, Feb. 2, at a wedding anniversary celebration in the home of Mr. and Mrs. Thelma Darnell of St. Johns. Friends, relatives and neighbors are cordially invited.

Mr. and Mrs. Darnell, who were married on Feb. 2, 1939, have two children, Robert, 40, and Joyce, 38. They reside at 405 W. Patrick Street, St. Johns.

HARR'S JEWELRY

Shop now for complete line of diamonds, including platinum and gold. A wide band of dyed to match rings. Anything to suit you in price, quality and taste. A complete guarantee.

Pink and white pearls of honor for her sister. Two rings of carnations and mums centered with three red roses, a bouquet of carnations and mums fell from a headpiece of sequins. An entire collection of "Color Carrousel" greeting cards, gifts, and parties, just $1.00.

The bride was given in marriage by her parents, Mr. and Mrs. Richard Thelen. The wedding was held at Our Lady of the Assumption Catholic Church in St. Johns. Guests were invited to a reception for 150 at 7 p.m. on Monday evening Feb. 22, at Battle Creek.

The bride was given in marriage by her sister. Two rings of carnations and mums centered with three red roses, a bouquet of carnations and mums fell from a headpiece of sequins. An entire collection of "Color Carrousel" greeting cards, gifts, and parties, just $1.00.

The groom's mother chose a three piece ensemble of gold knit. The bride was given in marriage by her parents, Mr. and Mrs. Richard Thelen. The wedding was held at Our Lady of the Assumption Catholic Church in St. Johns. Guests were invited to a reception for 150 at 7 p.m. on Monday evening Feb. 22, at Battle Creek.

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Smith-Admire-Knowles a family affair

Miss Virginia Josephine Admire of Mexico, Mo., and George E. Knowles of Los Gatos, Calif., were married at the home of Mr. and Mrs. Lorenz Hopkins of R-1, Sunfield, Jan. 26.

The couple are now residing in Los Gatos, Calif.

Miss Virginia graduated in 1968 from Marywood University, Pennsylvania, with a B.S. degree in nursing, and George E. Knowles is a graduate of Rodman College in Ohio. The couple were married by Rev. Claude Stover, Baptist Church in Mexico, Mo.

The bridal party included: the bride's father, the Rev. L. F. Admire, assisted by the bride's grandmothers, Mrs. Elizabeth Hill of Walker, Calif., and Mrs. Amanda J. Moore of Whittier, California, and the groom's father, Mr. and Mrs. Lawrence E. Knowles of Los Gatos, Calif.

The bride-elect is employed by the United States Department of Agriculture, but is scheduled for a family affair.

Engaged

Mr. and Mrs. Robert Porteous of Portland were married to Mr. and Mrs. Gordon Beard of R-3, St. Johns. The couple are now residing at the home of Mr. and Mrs. Robert Porteous.

Bridal Registry

ANNUAL MEETING of the CLINTON COUNTY REPUBLICAN WOMEN'S CLUB LUNCHEON at DALPY'S RESTAURANT Thursday, January 30, 1969 at 1:00 p.m. Make reservations with Mrs. E. O. Prince, Phis., 224-9197.

The guest speaker will be Mrs. Lily Julian, Assemblywoman election in June. Several of the women will also address the meeting.

CLINTON THEATRE Downtown St. Johns

JOHN WAYNE KATHARINE ROSS HELLFIGHTERS

1969 Edition

Jan. 29—Feb. 4 Showtimes—7:45 p.m. Adm., $1.20 Adults Child. — .75 under 14

BRIDAL REGISTRY HEADQUARTERS

CHINA

by

FOSTORIA * TIFFIN * IMPERIAL CRYSTAL

STEPPES Beauty Salon

324-0461

Preddy-up January

HAPPY BIRTHDAYS

January 1—Jeffrey A. Martin, son of Mr. and Mrs. Robert A. Martin, of St. Johns.
January 3—Mrs. Albert E. Bower.
January 4—Mr. and Mrs. Jack Hammett.
January 5—Canon R. A. Prince.
January 6—Mr. and Mrs. Harry Overholt.
January 7—Mr. and Mrs. John T. Smith.
January 8—Mr. and Mrs. I. H. Beachy.
January 9—Mr. and Mrs. J. L. Macomber.
January 10—Mr. and Mrs. D. C. White.
January 11—Mr. and Mrs. A. H. Meggs.
January 12—Mr. and Mrs. L. F. Admire.
January 13—Mr. and Mrs. J. S. Homer.
January 14—Mr. and Mrs. H. W. Bevan.
January 15—Mr. and Mrs. E. H. Thorpe.
January 16—Mr. and Mrs. W. H. Farmer.
January 17—Mr. and Mrs. W. H. Farmer.
January 18—Mr. and Mrs. W. H. Farmer.
January 19—Mr. and Mrs. W. H. Farmer.
January 20—Mr. and Mrs. W. H. Farmer.
January 21—Mr. and Mrs. W. H. Farmer.
January 22—Mr. and Mrs. W. H. Farmer.
January 23—Mr. and Mrs. W. H. Farmer.
January 24—Mr. and Mrs. W. H. Farmer.
January 25—Mr. and Mrs. W. H. Farmer.
January 26—Mr. and Mrs. W. H. Farmer.
January 27—Mr. and Mrs. W. H. Farmer.
January 28—Mr. and Mrs. W. H. Farmer.
January 29—Mr. and Mrs. W. H. Farmer.
January 30—Mr. and Mrs. W. H. Farmer.
January 31—Mr. and Mrs. W. H. Farmer.
HELP WANTED

WANTED: WANTED! FULL time at the Road Home Place. Phone 68-1107. Ask for John.

HELP WANTED: Full time, part time. Church ushers needed during church services. Call Church 62-3011.

HELP WANTED: Salesperson. 5 days a week. Hours: 9-5, Sat. 9-4:30. We have a 3-car garage and a large work area. We are looking for a person who is willing to work hard and be a part of our growing business. Call 62-8745.

HELP WANTED: For women distributing famous and popular brand of products to business and homes. Full-time plus part-time positions available. For details, call 62-3900.

HELP WANTED: REPLY TO POST. We have a very active business and are looking for someone who is reliable and detail-oriented. If you are interested, please call 62-3048.

HELP WANTED: 3 complete lines, 3-14", 4-14", 5-14" bottom mounted plow. Looking for someone with experience in the field. Call 62-3123.


FOR SALE
MISC. FARM

LAKE ROAD meets has
about 500 feet scenic,
extensive, well
protected, busy.

40-1

FOR SALE: Ford 80 series
tractor, with loader, bucket
4-WD, good tires, 11,000
lb. capacity, 3pt. hitch, 1
belt, 2nd shift. Phone 224-3717.

40-1

FOR SALE: 6000 PINT
bottles, 91/2" neck, (600 each). All
clear, 10 cents each. 314 S.
Madison, Lansing, 484-4794. 39-3p

FOR SALE: 1,000 BALES MIXES hay and
ALFALFA HAY, 1st and 2nd
condition, $8.85; excellent
McCormick loader, hydraulic dirt bucket,
Super M and M tractors, good
condition, $1375 and $2750. Brand new
John Deere 494A planter,
$14,650.

FOR SALE: 1200 BALES, 1st and 2nd
condition, $4.35. 3 acres
north of M-57; one 40 acre
farm north of M-57; one 40 acre
farm. 40-lp

FARM TOOLS For Sale: Co-op
acre south in Fowler. 40-1

CRANE, 1/2 south of Pompeii.

FOR SALE: 30-60 TAN LIMESTONE rock, $3
per Bu.ulia 15% dry and ditched. Contact Dr.
Riley Township; call 627-5984. 40-lp

FOR SALE: 3-bedroom, 1 1/2 ceramic
bath, family room with
fireplace, 3 1/2 miles south of St.
Johns; luxury decorated. 2 baths, 1 down,
tiled and drapes, living
room, gas heat, 4 - bedroom, 1 1/2 ceramic
bath, family room with
draperies, living
room, tile heat, west on
Lehman Road, 38-3p

FOR SALE: 1968 Torino GT, 2 - door
power with air and cruise-a-
way; also 2 Holstein
heifers, 15 months; 50 head of
Shorthorns, one young cow,
600 head of whiteface.

FOR SALE: 7000 PEANUTS for
seed. All blue, over 95%
shelled. For information phone
224-4461. 40-3p

FOR SALE 2-BEDROOM APARTMENT,
230 Washington St., Ovid. 40-lp

FOR SALE: 3 1/2 bedrooms, 1 1/2
bath, hardwood floors, in Lawton, 1/2
mile north of highway. 3 Bathrooms, 1
down, tiled and ditched. Contact Dr.
Riley Township; call 627-5984. 40-lp

FOR SALE: 24 - bedroom, 1 1/2 ceramic
bath, kitchen, laundry, 7900;
Farmers Petroleum.

FIRST MONTH, $25.00; COOK, 1/2 south of Pompeii.

DON'T MISS THESE
1969 PONTIAC Le Mans. 2-door
power with air and cruise-a-
way. Just $175.

1968 Mustang, V-8,
1 1/2 ton Pick-up

1969 Galaxie Ford
2 - door hardtop, 3-speed,
$2495.00.

FOR SALE: 1970 Ford 3022, 2-
wheel drive, 3-speed, power
steering and brakes, 1220
lb. weight, $200. 40-lp

FOR SALE: 1968 TRACTOR, 1073
cubic inch, F-85 station wagon, V-8,
never damaged, full
cash or take it in trade on other
tract. Phone Don

FOR SALE: 1969 FORD THUNDERBIRD,
2 - door hardtop, 3-speed,
$2495.00. 40-lp

FOR SALE: 1964 FORD FAIRLANE 2-
door hardtop, 3-speed, power
steering and brakes, long
rear seat. $1250. 4654, Ovid. 40-lp

FOR SALE: 1970 FORD MUSTANG,
20 - foot trailer, 2 - door
hardtop, 3-speed, $2495.00.
40-1

FOR SALE: 1967 FORD Thunderbird,
2 - door hardtop, 3-speed,
$2495.00. 40-1

FOR SALE: 1967 FORD Thunderbird,
2 - door hardtop, 3-speed,
$2495.00. 40-1

FOR SALE: 1966 FORD Fairlane,
2 - door hardtop, 3-speed,
$2495.00. 40-1

FOR SALE: 1965 FORD Fairlane,
2 - door hardtop, 3-speed,
$2495.00. 40-1

FOR SALE: 1964 FORD Fairlane,
2 - door hardtop, 3-speed,
$2495.00. 40-1

FOR SALE: 1963 FORD Fairlane,
2 - door hardtop, 3-speed,
$2495.00. 40-1

FOR SALE: 1962 FORD Fairlane,
2 - door hardtop, 3-speed,
$2495.00. 40-1

FOR SALE: 1961 FORD Fairlane,
2 - door hardtop, 3-speed,
$2495.00. 40-1

FOR SALE: DECISIONS. 200 bags
of grain, $3.50. 40-1

FOR SALE: 2000 BALES of alfalfa hay, 1st
and 2nd condition, $4.35.
3 acres north of M-57; one
40 acre farm north of M-57; one 40
acre farm. 40-lp

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PUBLIC NOTICE TO BIDDERS

The City of St. Johns will receive sealed bids publicly marked “Bid for City of St. Johns” on the outside of the envelope until 1:00 P.M. EST February 24, 1969, at the City Hall, 207 N. Lansing St., St. Johns, Michigan. Said bids will be publicly opened and read at the regular meeting of the City Commission on February 24, 1969, at 7:45 P.M., for award or rejection.

The City of St. Johns reserves the right to reject any or all bids and to bid on the best interest of the City of St. Johns and to accept the proposal which, in the opinion of the City Commissioners, is most advantageous to the City.

Copies of the specifications may be obtained from the City Commission office, 121 E. Walker Street, St. Johns, Michigan.
Consumers Power reports operating revenues are up

Arlington, Michigan—January 27, 1969 — Consumers Power Company has reported a record revenue of electricity and natural gas profits from January 1 to December 31, 1968, in which it had results influenced by 
the discovery of hazardous gas in a field such as it is reported to have been before the
company's previous high. Both the company's operating revenue and net earnings have increased.

Following the judgment, the average number of customers for 1968 is expected to reach 63,000.

Included in the figures are 106,000,000 gallons of oil, 15,000,000 kilowatt-hours of electricity, and natural gas profits.

The company expects to spend $1.5 billion over the next five years on new developments in the field.

The company also expects to spend $1.5 billion over the next five years on new developments in the field.

In addition, the company expects to spend $1.5 billion over the next five years on new developments in the field.

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Arild Drugs in finals of brand name judging

The 117th Annual Drug Show

TROY—The brand name judging competition at the 117th Annual Drug Show will be held on Tuesday, Jan. 25.

The competition is open to all drug stores in Michigan, and the winners will be announced at the end of the show.

---

Three from Clinton end CMU studies

Mr. and Mrs. W. P. Watters

By Mrs. NEVA KEYS, Correspondent

The three from Clinton end CMU studies, having completed 10 years of study, will leave for Michigan State University. His dean of the honors college at Michigan State University. His dean of the honors college at Michigan State University.

---

For more information, please visit the website of the Clinton County business world.
De Witt effort falls short; lose 72-59

De Witt can take another incident less Friday night when they hosted Waverly and Hartland victories versus a tough rivalry. Mark Landford led the host squad with 10 points and Freeman in addition with 18, but the De Witt effort fell for a third time this season in the 57-59 in total.

Clinton County

Sports

Sports

P-W registers first win over Fowler, 71-63

The Pirates were a group of joy for Fowler as they faced the solid effort of the Pirates. Steve Chase led the Pirates in the action with 22 points and teammate and a pair of St. Johns cagers to top 40 points. Kaminski and Tews scored 4-0-3 and 4-0-8, respectively.

Wisconsin

Mary Jane Knoll—26-30

Fire at Methodist parsonage causes $1,500 in damages

Five weeks ago Monday, Jan. 20, about 3 p.m., at the home of Mr. and Mrs. John Lange of Wautoma. The damage was done to the westward home and a small roof. It was assessed that the losses exceed $1,500 in total.

Record-breaking Mercury Hardtop sale

Mercury Power Special Equipment — Special Savings

Celebrating the greatest sales year in our history!

At YOUR MERCURY DEALER

STAN COWAN MERCURY, Inc.
506 N. Clinton
St. Johns, Michigan
CLINTON COUNTY NEWS, St. Johns, Michigan Page 11A

Wednesday, January 29, 1969

Redwings slump to second after loss to Waverly by 16 points

The St. Johns Redwings were dealt a double blow last Friday night when they suffered a setback against Bullock Creek, 72-56, at the Blue Devil Den. The Marauders crept up 60-56 in the third period, and then pulled away to claim a 16-point victory. The loss cut the Redwings’ record to 5-7, while the Marauders improved to 9-2. Despite the defeat, the Redwings are still in contention for the league title.

Dean Eisler (45) finds his ideas for a shot hampered by a group of Waverly players in the persons of Mark Davis (22), Mark Tomlinson (12), Dave Dunham (54) and Dan VanNess (50). Watching the activity from outside is Terry Meiler (13). The Marauders' defense was relentless, forcing the Redwings to turn the ball over.

WE SELL:

BRUNSWICK and MANHATTAN

BOWLING BALLS

We Have On-The-Spot Fitting and Drilling

OPEN EVERY EVENING 12 to 6, and SAT., ALL DAY.

FOOWER BOWL

Fowler, Michigan Ph. 582-8281

' 'MIX 'EM or MATCH 'EM

SNOW OR CONVENTION TREAD DESIGN

New Year SALE

2 FOR $19.69

Your Choice

Firestone

Town and Country

or

DLC-100

NEW TREADS

INTERESTS ON SAVED THE HOMES WITH THIS TIME-TRAVEL TREASURY.

NO MONEY DOWN—TAKE MONTHS TO PAY—DRIVE IN TODAY!

Bee’s Chevrolet & Oldsmobile, Inc.

290 W. Higham—Phone 224-2345

1002 S. State—Phone 224-3332

Michigan is Ford Country... Ford’s the Going Thing!

EGAN FORD SALES, Inc. 200 W. Higham St.

Special Fairlane Hardtop with today’s most popular extras now at reduced prices!

Save on these sale-priced Pop-Option 2-Door Hardtops. Extras include:

• Vinyl-covered roof • Dual racing mirrors • Deluxe wheel covers • White walls • Accent striping • Full carpeting

Save on Pop-Option Ford Galaxy 500 Hardtops, Mustang Hardtops and Falcon Sunders—all on sale now!
**NEW for '69**

For those who desire just a "little extra" from their refrigerator, this exciting model from G.E. will end their search.

**AUTOMATIC ICE and CHILLED WATER Dispensers** are but two innovations that highlight this new model.

Automatically fills your glass with ice or chilled water at a touch!

**AUTOMATIC WASHER**

Two Washers In One

**FEATURE PACKED**

**COLOR TV SPECIAL**  

**THE BEST IN BUILT-INS** ...for building or remodeling!

**FREEZER SPECIALS**

**G.E. Michigan Mardi-Gras Sweepstakes**

**BUY NOW!**

**LIMITED TIME ONLY!**

**WIN**

**A DELTA DREAM VACATION FOR 2**

**TO FABULOUS NEW ORLEANS**

home of the world famous Mardi-Gras!
Ballenger opens office on Clinton Avenue

On Monday, Jan. 27, William Ballenger, 32,大家都熟悉他的名字, and his greatest limitation was his personal relations. He has, and his greatest desire is to meet and talk to the people he represents. He says "Tell the people to come; I want to listen to them and give them an opportunity to have a closer contact with their government, to talk to them as equals, not as representatives of the people."

The third group has Mrs Thomas days away from 4:30 'til 6 p.m. and 7 'til 9 p.m. The office will be in the office on Fridays, and a member of the staff will be available on every Friday, and a member of the staff will be available on any other day if they wish. The office will be notified by the news media if there are any changes of any importance.

The last group has Mrs Paul Trefil as captain, and workers are: Mrs Nelson Cowan, Mrs Paul Stevens, Mrs Donald K. Smith, Mrs Rosecrans, and Mrs Benjamin Alder. The last group has Mrs Paul Trefil as captain, and workers are: Mrs Nelson Cowan, Mrs Paul Stevens, Mrs Donald K. Smith, Mrs Rosecrans, and Mrs Benjamin Alder.
Coming Next Week
the Game for
"BINGO BUGS"

Sponsored by
The Clinton County News and Progressive Merchants

WIN $50
$50.00 Cash Each Week Awarded For A
BINGO! PLUS OTHER PRIZES!
(Money Divided Equally if Multiple Winner)

Watch Next
Week's Edition
of the
Clinton County
News for Details
NEVER BEFORE AN OFFER LIKE THIS!

IMAGINE! ONLY
33¢
(With Each $3 Purchase of Groceries)
FOR THIS BEAUTIFUL TRIDENT MELAMINE DINNER PLATE!

TRIDENT MELAMINE DINNWARE... Here's beauty and quality at fantastic savings! The modern material for modern living... Melamine is virtually unbreakable, easy to wash and goes! Two years against breaking, chipping, cracking and "staining"! It looks bright and new every time its fresh new look after years of use. It can (be) sold at savings greater than ever!

Add these beautiful Trident Melamine SERVING DISHES to your dinner service!

WINDFALL

Complete your new dinner service with serving dishes in tastefully coordinated designer colors. The salad dishes and 13" platter are beautifully decorated to match the dinner plate.

FOLLOW THIS SCHEM ELE TO COMPLETE YOUR DINNER SERVICE

COUPON GOOD THRU FEB. 1, 1969.

This coupon worth $1.00. Toward purchase of 4 piece place setting (includes 4 dinner plates).

ECONOMICAL SAVINGS ON BEAUTIFUL LIDO GLASSWARE AND STEMSWARE BY ANCHOR HOCKING... Plus you get extra bonus TOP VALUE STAMPS!

START YOUR COMPLETE DINNER SERVICE OF TRIDENT MELAMINE DINNWARE NOW!

Take advantage of this SPECIAL 33¢ OFFER

JUST FOLLOW THIS WEEKLY SCHEDULE

Each week buy as many of the pieces offered as you wish. Just be sure each purchase is accompanied by a $3 grocery purchase. Buy $3 in groceries; buy one piece for 33¢. Buy $6 in groceries; buy two pieces for 66¢. Buy $9 in groceries; buy three pieces for 99¢; and so on.

WEEK ITEM $3 worth $3 worth save
1 Dinner Plate .12 .20 .88
2 Dessert Dish .12 .20 .88
3 Cup .12 .20 .88
4 Sugar .12 .20 .88
5 Bread & Butter .12 .20 .88

Add these beautiful Trident Melamine SERVING DISHES to your dinner service!

Your choice of two exclusive, beautiful patterns...
WINDFALL & SONNET (illustrated)

ECONOMICAL SAVINGS ON BEAUTIFUL LIDO GLASSWARE AND STEMSWARE BY ANCHOR HOCKING... PLUS YOU GET EXTRA BONUS TOP VALUE STAMPS!

THIS COUPON WORTH
25 TOP VALUE STAMPS
WITH PURCHASE OF TWO 15 OZ. LIDO COOLER GLASSES FOR 99¢
COUPON VALID UNTIL FEB. 1, 1969.

$1.00

$1.00

WITH CORRECT COUPON

$1.00

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$1.00

WITH CORRECT COUPON
Join the "Easy-Street" Crowd!

Every card a winner

Tenderloin Tastes The Greatness
(pork tenderloin)

T-Bone Steaks: $1.09
Eckrich Franks...79c
Sausage...69c

PORK
STEW
69c

COASTAL MUSSEL HAM
59c

FISH
STICKS
51c

Hickory Ham...69c
Ham Leaf...1.29
Sliced Bacon...89c
Sliced Sausage...49c

Spam...69c
Lump O' Lamb...79c
Party Assortment...89c

Watermelon...

FANCY BANANAS...

12c

FRESH STRAWBERRIES...

68c

SEAFOOD

Perch Fillets...65¢
Round Shrimp...2 at $2.69
Cocked Perch...75¢
Haddock Fillet...59¢
Fantafilet...79¢

Dairy Foods

Cheese

Rogers Cottage Cheese...29
Rolls...4 for $1

Baked Foods

Meatballs...59c
Danish Pastry...10c Off Sale
Jelly Rolls...39¢
Choc. Delight Cake...99¢

Health & Beauty Aids

Band AID Bandages...78¢

Frozen Foods

Cream Pies...3 and $79

Low Fat Milk...

49c

Kroger Mayonnaise...

59¢

Del Monte Values!

Peas...

5 for $1.99

Grapefruit Drinks...

3 for $1.99

Del Monte Values!

Pork Sausage...

Pork & Beans...

Del Monte Pineapple...

Grapefruit Drinks...

3 for $1.99

Del Monte Tomatoes...

4 for $1

Kroger

Plus TOP VALUE STAMPS
Clinton area obituaries

Raymon Hammer

RaeM. "Ray"Hammer, 74, of St. Johns, died Jan. 13. He was born on March 21, 1944, in St. Johns, the son of John and Margaret (Zapka) Hammer. Ray grew up in St. Johns and graduated from St. Johns High School in 1962. He went on to serve in the United States Army during the Vietnam War. Ray worked for the St. Johns News Advocate for many years before retiring. He enjoyed fishing, hunting, and spending time with his family. Ray is survived by his wife, Donna Hammer; his children, John Hammer, Jessica Hammer, and Rachel Hammer; and his grandchildren. He was preceded in death by his parents. Memorial services will be held at a later date. Arrangements are being handled by the St. Johns Funeral Home.

Katie Moore

Katie S. Moore, 92, of St. Johns, died Jan. 16. She was born on July 24, 1930, in St. Johns, the daughter of Paul and Bernice (Parr) Prange. Katie grew up in St. Johns and graduated from St. Johns High School in 1948. She went on to attend Northern Michigan University in Marquette. Katie married Robert Moore on June 13, 1953. Katie enjoyed reading, playing bridge, and spending time with her family. She was a member of the Clinton Methodist Church. Katie is survived by her husband, Robert; her children, Susan (Steven) Markey, David (Kim) Moore, and John (Jill) Moore; her grandchildren, Craig (Elizabeth) Markey, David (Kay) Moore, and Joel Moore; and her great-grandchildren, Charlie and Emily. She was preceded in death by her parents; her brother, Robert Prange; and her sisters, Mary (John) Motz and Ruth (Robert) Voss. Memorial services will be held at a later date. Arrangements are being handled by the St. Johns Funeral Home.

Clinton's Civic Calendar

Officers of these organizations are invited to notify The Clinton County News at least one week prior to publication of the name in which changes in the regular schedule should be stated.

St. Johns

American Legion Auxiliary—1st Tuesday, 8 p.m., Legion Hall.

American Legion—2nd and 4th Tuesday, 6 p.m., Legion Hall.

Boy Scouts—Every Wednesday, 7 p.m., Holy Trinity gym.

Ovid

Girl Scouts—Every Monday, 7 p.m., Holy Trinity gym.

Boy Scouts—Every Wednesday, 7 p.m., Holy Trinity gym.

Westphalia

Lions Club—3rd Tuesday evening, Memorial building.

American Legion Auxiliary—2nd Tuesday, 8 p.m., Masonic Temple.

American Legion—2nd and 4th Tuesday, 8 p.m., Legion Hall.

Italian Benevolent Society—1st Monday, 8 p.m., Masonic Temple.

Lions Club—3rd Tuesday evening, Memorial building.

Masonic Lodge—2nd Tuesday, 8 p.m., Masonic Temple.

Banner Ichabod Lodge—1st and 3rd Thursdays of each month, 10:30 a.m. at Farmington High School.

Fading Roses Tops Club—Meets Tuesday, 6 p.m., homes of members.

Firemen's Auxiliary—1st Tuesday, 8 p.m., homes of members.

Veteran's Club—2nd Thursday, 7:30 p.m., homes of members.

Band Boosters—3rd Tuesday, 8 p.m., students commons.

Mom Club—4th Saturdays, 8:30 to 11 p.m., at DeWitt Junior High.

Junior Women's Club—1st Monday, 8 p.m., Junior Women's Club.

L & L Restaurant—Saturdays, 8:30 to 11 p.m., at DeWitt Junior High.

National Honor Society—1st Monday, 8 p.m., St. Johns Catholic High School.

High School PTA—1st Monday, 8 p.m., students commons.

Musical—2nd and 4th Thursday 9:45 a.m., in homes of members.

Morning Music—2nd and 4th Thursday 9:45 a.m., in homes of members.

United Methodist Church—1st and 3rd Thursdays of each month, 8:30 p.m., at St. Johns United Methodist Church.

Fellowship—2nd Tuesday 7:30 p.m., homes of members.

Debbie Jaffe, 83, of St. Johns, died Jan. 16. She was born on April 13, 1936, in St. Johns, the daughter of Paul and Bernice (Parr) Prange. Debbie grew up in St. Johns and graduated from St. Johns High School in 1953. She went on to attend Highland Community College in Owosso. Debbie married Donald Jaffe on May 27, 1956. Debbie enjoyed reading, playing bridge, and spending time with her family. She was a member of the Clinton Methodist Church. Debbie is survived by her husband, Donald; her children, Patty (Bill) Hatch, John (Jill) Jaffe, and Mark Jaffe; her grandchildren, Amanda Hatch and Andrew Jaffe; and her great-grandchildren, Lake and Libby Jaffe. She was preceded in death by her parents; her brother, Robert Prange; and her sister, Mary (John) Motz. Memorial services will be held at a later date. Arrangements are being handled by the St. Johns Funeral Home.

Osceola Infant

Diana, 4 months old son of Robert and Cindy Cole, was born on October 13, 1990, in Lansing. Diana is the daughter of Robert and Cindy Cole. She is survived by her parents, Robert and Cindy Cole; her grandparents, Mr. and Mrs. Stott and Mr. and Mrs. Cole; her great-grandparents, Mr. and Mrs. Stott and Mr. and Mrs. Cole; her aunts, Mary and Sue; and her uncles, John and Bob. She was preceded in death by her great-grandparents, Mr. and Mrs. Stott and Mr. and Mrs. Cole. Memorial services will be held at St. Thomas Catholic Church at 11 a.m. on Friday, Feb. 7. The family will be in the church from 10 a.m. to 11 a.m. prior to the service. Arrangements are being handled by the St. Johns Funeral Home.

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CLINTON COUNTY NEWS, St. Johns, Michigan

Wednesday, January 29, 1969

Page 7B

THE VIET NAM HONOR ROLL

They serve our nation.

Richard Klebler’s Jan. 25 and 26 weekend at Houghton Lake.

Caroline made the weekend in Las Vegas.

Mr and Mrs Jack Soltow and Mr and Mrs Bruno Siwek, Mr and Mrs David Soltow, Miss Carolyn Soltow, Mr and Mrs Donald Soltow, Mr and Mrs John Soltow, Mrs Audra Soltow, Mr and Mrs Richard Soltow, and Mrs Dorothy Soltow, members of the Soltow family, Mr and Mrs Jack Soltow, Mr and Mrs Bruno Siwek, Mr and Mrs Donald Soltow, Mr and Mrs John Soltow, Mrs Audra Soltow, Mr and Mrs Richard Soltow, and Mrs Dorothy Soltow, members of the Soltow family, were present.

They serve our nation.

CLINTON COUNTY BOARD OF SUPERVISORS MEETING

A special meeting of the Clinton County Board of Supervisors will be held on Wednesday, February 5, 1969, at 10:00 a.m. in the Clinton County Building, Room 101.

DEALERS

DODGE

Dodge is a name that means quality, and a car that lives up to its name. At Dodge, we believe in building cars that last, and that's why we offer a comprehensive warranty program that covers your car for up to 10 years or 150,000 miles, whichever comes first.

To learn more about our warranty program and the many other benefits that come with owning a Dodge, please visit our website at dodge.com.

Why Plymouth?

1. The GREAT PLYMOUTH Sale—Our specially-priced Fury, Barracuda, and Valiant are sure to please you.

2. Engineering—Plymouth's cars are engineered for the ultimate in performance and handling.

3. Quality—Plymouth cars are built to last, and are known for their durability and reliability.

4. Performance—Plymouth cars are designed to give you the best of both worlds: power and economy.

5. Value—Plymouth cars are priced competitively, so you can enjoy all the benefits of owning a Plymouth without breaking the bank.

DEALERS

PLYMOUTH

Plymouth is a name that means quality, and a car that lives up to its name. At Plymouth, we believe in building cars that last, and that's why we offer a comprehensive warranty program that covers your car for up to 10 years or 150,000 miles, whichever comes first.

To learn more about our warranty program and the many other benefits that come with owning a Plymouth, please visit our website at plymouth.com.

Why Chrysler?

1. The GREAT CHRYSLER Sale—Our specially-priced Imperial, New Yorker, and Town & Country are sure to please you.

2. Engineering—Chrysler cars are engineered for the ultimate in performance and handling.

3. Quality—Chrysler cars are built to last, and are known for their durability and reliability.

4. Performance—Chrysler cars are designed to give you the best of both worlds: power and economy.

5. Value—Chrysler cars are priced competitively, so you can enjoy all the benefits of owning a Chrysler without breaking the bank.

DEALERS

CHRYSLER

Chrysler is a name that means quality, and a car that lives up to its name. At Chrysler, we believe in building cars that last, and that's why we offer a comprehensive warranty program that covers your car for up to 10 years or 150,000 miles, whichever comes first.

To learn more about our warranty program and the many other benefits that come with owning a Chrysler, please visit our website at chrysler.com.
Next Sunday In
Clinton County Churches

St. Johns Area
First Congregational Church
Morning services at 11 a.m. and 5:30 p.m.

Fourth Sunday Service—5:30 p.m.

Wednesday, Thursday, Friday—9 to 12
the convenience of the interested
Classes and study hour.

St. Joseph Catholic Church
Holy Days—See bulletin.
Mass each Tuesday.

First Monday—Deacons meeting.

Thursday, 7:45 p.m.—Prayer service
Guthrie, Scott Becker will discuss
School CCD. Wednesday at 8 p.m.
Qual Help Novena —after 7:15 p.m.

Riley Township
First Baptist Church

Gunnisonville Area

Maple Rapids Area
Church Nursery during services.

Ovid Area

Pewamo Area
Sunday Masses—6, 8 and 10 a.m.

Westphalia Area

WHAT INFINITE PAINS WE TAKE TO GUARD OUR SAVIOR'S PRESENCE! YET NOT AL...
New Suits Filed

Eugene B. Carter

In the Circuit Court for the County of Clinton, State of Michigan, on the Petition of
McLoughlin V. H. G. Williams, Jr. and Lawrence M. Goodspeed

Marriage Licenses

Paul A. Wilcox, Hazel H. Noff and Mary Betty Westby, By: R. E. young

Divorces Finalized

Jas. In Betty M. Stroh and William Baker

Probate Court

Dr. Virginia Hare, Judge of Probate

Residence:

UB-27 Bait DeV/ltt

13020 By Appointment

Phone

to John O. and Nancy McGonigal,

ZIP

N. Clinton Phone 224-2454

106 Brush St. St. Johns

WEDNESDAY, FEB. 5, 1969

Jan. 17: Newton J. Cross to,

Attorneys-at-Law

Phone 224-7368

Offices at

Nola Lumbert, property in St.

Holliday to James L. and Roberta

property in Watertown Twp.

Milks to Keith R. and Iris West-

510 E. Walker St. Johns

HI

the highest in the 60-year his-

get. He has also asked that the

C.

W. P. STEPHENSON, M.D.

Phone 224-2752

Maple Rapids

Michigan a hearing be held at which

STATE OF MICHIGAN—The Probate

Courtroom in the Courthouse

St. Johns, Michigan 40-3


It is Ordered that on Wednesday,

ROBERT D. CREYTS, a Mentally

Judge of Probate.

Dated: January 22, 1969 39-6

(c)

TIMOTHY M. GREEN,

Attorney for Petitioner

Dated: January 20, 1969.

By: Jack Walker

Judge of Probate.

Dated: January 8, 1969.

By Hudson E. Deming

Timothy Green, Mrs Frederick Wagerbee,

Parmelee, Mrs Frederick Wagerbee,

Judge of Probate.

Dated: January 22, 1969

It is Ordered that on the 19th day

ROBERT D. CREYTS, a Mentally

Judge of Probate.

Dated: January 22, 1969

It is Ordered that on Wednesday,

ROBERT D. CREYTS, a Mentally

Judge of Probate.

Dated: January 22, 1969

It is Ordered that on Wednesday,

ROBERT D. CREYTS, a Mentally

Judge of Probate.

Dated: January 17, 1969

It is Ordered that on Wednesday,

ROBERT D. CREYTS, a Mentally

Judge of Probate.

Dated: January 17, 1969

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Judge of Probate.

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Judge of Probate.

Dated: January 17, 1969

It is Ordered that on Wednesday,

ROBERT D. CREYTS, a Mentally

Judge of Probate.

Dated: January 17, 1969

It is Ordered that on Wednesday,
Dear Editor:

Just recently I found a book in a trash can behind the neighborhood park that I thought was a valuable resource. It is not the Electric Chair, but in the high chair!

The book was one that suggested either side was aware of the other's responsibilities and the final agreement had been reached. The book was titled "TAX AND SCHOOL PROBLEMS - Face New Governor" by William Sallinger.

Dear Editor:

I agree with the idea expressed in your editorial "Truckers want to avoid the snitch house." It is important that we all do our part to keep our community safe. It is good to see that the police are working to improve our safety.

Yours truly,

Floyd T. Volland

---

**LETTERS TO THE EDITOR**

**Gun control**

By Jim Fitzgerald

**Back to work**

Clinton County residents breathed a collective sigh of relief this past week as an employee of the citizens' highway commission returned to work. His one duty is to check the condition of the roads, and the sight of him welcoming the sweetest of a strike or lockout was a sight to behold.

The pavement was uneven, the grass was patchy, and the trees were beginning to show signs of wear. The sight of the worker was a relief to all.

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**CLINTON COUNTY NEWS, St. Johns, Michigan**

**Wednesday, January 29, 1969**

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**Tax and school problems face new governor**

By William Sallinger

In the battle of the State House, one governor stands tall: William G. Milliken. He was elected with a sweeping mandate, and his leadership is expected to be strong, no doubt, yet purposeful and conducted for the betterment of all the citizens.

---

**TAKING FIVE**

**An All-Michigan dinner**

By Ron Huard

---

**Back thru the years**

10 YEARS AGO TODAY

Jan. 29, 1959

The Clinton County Conservation District annual meeting and dinner was held Jan. 29, 1959. It was at the Armory at St. Johns, and following a program of 25 years ago of Clinton County residents.

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**Allen compares Romney and Millicen**

By Eric Allin

The Michigan Democratic Party has its eyes on the prize: the state's governor's office. Two candidates have emerged as the frontrunners: Gov. Romney and attorney general Millicen.

---

**The Russell family**

We met and made friends in the street, and the Russell family has been a constant in our lives. They are always there when we need support and encouragement. We are truly grateful for their presence in our lives.

---

**CLINTON COUNTY NEWS, St. Johns, Michigan**

**Wednesday, January 29, 1969**
Mr and Mrs Joy Talk honor son for Viet Nam

Mr and Mrs Joy Talk of St. Johns, hosted an open house Sunday afternoon in honor of their son leaving for Viet Nam.

He was home on leave before leaving the service. He was also home on leave prior to going overseas.

He was home on leave for a tour of duty in Viet Nam. He and his fiance are planning to marry at home.

Other guests present for the dinner were Mr and Mrs Frank D’Amore, Mr and Mrs Joy Tait, of R-1, Mr and Mrs Dan Schaffer and Mrs Willis Tait and family of Owosso.

WILHELM C. BEST, son of Mr and Mrs Frank Tait, of 206 W. Walker St. Johns, was recently made team leader in the civil engineering division at Donald W. Pung, a graduate of St. Johns High School.


er the service. He was also
ner prior to going overseas.

He was home on leave for a

t to marry at home.

WILHELM C. BEST, son of

was recently made team

at Donald W. Pung, a
eering division at


to marry at home.
In the county was held a business meeting. Program discussions concerning ambulance services and several readings were given. Mrs. Myrtle Hart and Mrs. Arthur Curtis were the home of Mr. and Mrs. Lawman Horton. Plows were held at the Perrin - Palmer Cemetery. Mr. Montague was the county pomona. The regular meeting of the City Commission was called to order. The minutes of December 9, 1968, were approved. Motion by Oatley, supported by Coletta, to receive the communications from the St. Johns Junior Chamber of Commerce their request of the St. Johns Junior Chamber of Commerce and the request of the St. Johns Junior Chamber of Commerce their request of the St. Johns Junior Chamber of Commerce their request of the St. Johns Junior Chamber of Commerce and the request of the St. Johns Junior Chamber of Commerce and the request of the St. Johns Junior Chamber of Commerce. The regular meeting of the City Commission was called to order. The minutes of December 9, 1968, were approved. Motion by Oatley, supported by Coletta, to receive the communications from the St. Johns Junior Chamber of Commerce their request of the St. Johns Junior Chamber of Commerce and the request of the St. Johns Junior Chamber of Commerce their request of the St. Johns Junior Chamber of Commerce and the request of the St. Johns Junior Chamber of Commerce their request of the St. Johns Junior Chamber of Commerce. The regular meeting of the City Commission was called to order. The minutes of December 9, 1968, were approved. Motion by Oatley, supported by Coletta, to receive the communications from the St. Johns Junior Chamber of Commerce their request of the St. Johns Junior Chamber of Commerce and the request of the St. Johns Junior Chamber of Commerce their request of the St. Johns Junior Chamber of Commerce and the request of the St. Johns Junior Chamber of Commerce their request of the St. Johns Junior Chamber of Commerce.
3rd BIG WEEK! ITHACA & ST. JOHNS
ITHACA, MICH.  ST. JOHNS, MICH.

PRICES AND ITEMS EFFECTIVE
JAN. 27th through FEB. 1st, 1969

EVERYONE WINS . . . NO GAMES, NO
GIMMICKS . . . JUST LOW, LOW PRICES
SO EVERYONE CARTS HOME THE
SAVINGS WITH ANDY'S . . .

Wall to Wall
“Winning Prices”

EVERYONE WINS . . . NO GAMES, NO
GIMMICKS . . . JUST LOW, LOW PRICES
SO EVERYONE CARTS HOME THE
SAVINGS WITH ANDY'S . . .

Check our Winning Prices!

KRAFT - Salad Dressing
MIRACLE WHIP

MAXWELL HOUSE
COFFEE

SCHAFER'S
SOFT 'N' GOOD
BREAD

TABLE KING FROZEN SLICED
STRAWBERRIES

1-lb. 4-oz. Loaves

1-lb. Can

2-lb. Can

1-lb. 10-oz. Pkg.

1-lb. Can

Table King
FRENCH FRIES

Table King
ORANGE JUICE

BREAD DOUGH

1-lb. Can
3rd BIG WEEK!

Andys
Grand Opening

ST. JOHNS & ITHACA
ST. JOHNS, MICH.
ITHACA, MICH.

IGA

Fresh COD FISH
lb. 69¢

Bonnie Maid Cubed VEAL STEAKS
lb. 99¢

'Breaded Pork' CHOPETTES. 89¢

Fresh 'Boston Butt'
PORK ROAST
lb. 59¢
PORK STEAK
lb. 69¢

'Boneless'
PORK CUTLETS
lb. 79¢

DAIRY BUYS
TABLE FRESH MEDIUM EGGS
49¢

USDA GRADE 'A'

PRODUCE BUYS
GREEN CABBAGE
lb. 15¢

U.S. No. 1 IDAHO BAKING
POTATOES
10-lb. Bag 79¢

31¢

PESCHKE'S SMOKED PICNICS
4 to 6 lb. Average

HOTDRAWN 'BONELESS'
CHUCK ROAST
lb. 89¢

TableRite 'BEEF'
SHORT RIBS
lb. 49¢

USDA GRADE 'A'

FRIYER HALVES

33¢

CALIFORNIA HEAD LETTUCE
24 Size 2 for 29¢

PILLSBURY
BISQUITS
5¢

8-oz. Pkg.

Pillsbury
GRAPES
lb. 29¢

FRESH GREEN ONIONS 2 Bushel 29¢

Borden's 'Elsie' -
CREAM 69¢

TableRite 2%
Milk 2 1/2-Gal. Ctn.

Blue Bonnet 'Quarters'
MARGARINE 41-oz. CTN.

TableRite 2% Lo-Fat

3rd BIG WEEK!
The aim of the game is conservation

Annual report of
Clinton County Soil Conservation District

Annual meeting
Pewamo-Westphalia High School, Saturday,
Feb. 1, 11 a.m.
Public consciousness of the importance of land and water resources has grown rapidly in the last decade for various reasons. Crises such as water shortages, floods, or pollution have caused inconvenience or even tragic consequences. Some of the products of our spectacular gains in technology have disrupted byways of nature or put a strain on available resources. These and the growing population and attendant increased demands on natural resources have brought to the fore a public concern for maintaining the quality of the living environment. The changing environment has brought about a change in the concept of conservation and broadened conservation programs. The old resource problems will remain with us. However, the new conservation blends with them an emphasis on quality of environment. It focuses on the part land and water and related resources play to provide the quality of life that we should and can have. It emphasizes people and the social and economic order. It seeks to avoid pollution, erosion, ugliness, and improper use of land and water.

In an urbanized society such as ours, it is easy to forget how much we depend on our land and water resources. We take for granted the clean water we drink, the food we eat, the forest, the food so temp-}

**Don’t take our natural resources for granted**

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**PERFORMANCE!**

**PRICE!**

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Installed Free

Chloride Extra

Save on all your Farm Tires at Hub

**IMPROVED FOR WEAR and PERFORMANCE**

**FREE, FAST MOUNTING CROP PAYMENT TERMS**

**Call us for ON-THE-FARM SERVICE**

**WE CONGRATULATE THE CLINTON COUNTY SOIL CONSERVATION DISTRICT** and the farmers of this area for their outstanding job in soil conservation. Leadership in this cause is truly deserving of the highest award.

**The Hub Tire Center**

North US-27

Phone 224-3218

**KENNETH GRANT**

Service Administrator

**CONSERVATION districts** have already done a highly ef fective job of improving the quality of the environment. They have already responded to the need for action in pollution abatement, erosion control, flood prevention, water supply, beautification, recreation, land use planning, and resource development in revitalizing rural area economy. Districts are unique in that they work through individuals, groups, and communities, thus enabling them to coordinate conservation action programs. They bring people together from broad areas to mesh their planning rather than working at odds. In Michigan this broadened working relationship extends from the individual, through communities in small watershed projects and a resource conservation and development project, to the Grand River Basin study and participation in the Northern Great Lakes Region program. In other words, conservation districts are where the action is. Nevertheless, their resources can be only as strong as their local support. The extent of support will, in the long run, dictate the effectiveness of their programs.

The season today enjoys a wealth of benefits from conservation district programs in various activities. Water-related projects alone have prevented more than $100 million in agricultural and nonagricultural flood damages. Benefits from agricultural water developments amount to more than $60 million. More than $10 million has been added to annual payrolls—much of it in rural areas.
Watershed management vital to all citizens

By WILLIAM M. SMITH
Soil Conservation Service

A watershed is any land area from which water drains to a given point. Big or little makes no difference. The Mississippi River drains a watershed of about 1,243,000 square miles. But that watershed is made up of thousands of smaller ones, some entirely on one farm. Every farm is in a watershed. And every farmer who manages his land wisely through the application of needed soil, water, and woodland conservation measures is carrying on watershed conservation work.

Everyone in the community benefits from a watershed protection program. Farmers benefit from improved land management which protects and improves productive farmland. They get better crops at lower cost and earn higher income per acre.

Folks in town benefit from a stable farm industry. Merchants sell more. People buy more. Business is better for everyone when farmers are prosperous.

Upstream watershed protection keeps all out of lakes and reservoirs, and treats all lakes, streams, and rivers for economy and safety by disrupting public drinking water supply. Floods may endanger health, crops, livestock, buildings, and cause injury or death. Floods may destroy public water supply or make it unsafe.

The U.S. Department of Agriculture offers five kinds of assistance to conservation farmers—Research, education, technical assistance, credit, and conservation education. All these kinds are available to any farmer who is interested, if any one need is not fully met, the conservation work probably will not be done.

Washington, D.C., March 11—The Agricultural Research Service and State Agricultural Experiment Stations are the primary research agencies. The Extension Service is the primary educational agency of the Department. Technical assistance to individual farmers is provided through the Soil Conservation Service. The Forest Service provides technical assistance in reforestation and timber management through cooperation with state foresters and their farm foresters.

Loans for soil and water conservation practices are offered through the Farmers Home Administration.

The Agricultural Conservation Program (ACP) is the Department's principal program for sharing conservation costs with individual farmers and ranchers. Similar cost-sharing is offered under Great Plains Conservation Program contracts.

The Agricultural Conservation Program is designed specifically to meet local needs and conditions. The program is administered by County Agriculturalists and land use committees, which are made up of local farmers elected by the farmers in the county they serve.

Each year the ASC Committee invites the help and seeks recommendations from other agencies, groups, and individuals interested in conservation in selecting the kinds of practices that are needed in the county.

The Extension Agent is a citizen member of the county committee, ASC and Forest Service technicians have responsibility for specifications on some programs.

Programs are formulated with consideration for the county's over-all conservation needs. Many times, one conservation practice is not needed and another needs conservation practices not yet part of the regular good farming practices followed in the county.

Farmlands can be conserved by the people who own them and by the people who operate them. We urge every farmer in our county to prepare an outline or plan of the conservation needs for his farm and to carry out the land treatment as soon as he can.

Practices are chosen and rates set to encourage individual farmers to see the practices that will help solve their most urgent conservation problems. Often the ACP helps farmers carry out farm and ranch conservation work which may be a part of a program planned in cooperation with other agencies, institutions, and organizations—such as Soil Conservation Districts or organized watershed associations.

Our county has four watersheds that received assistance through the PL 566 Program. The Muskrat Creek Watershed is completed. The Catlin Watershed will be completed this year. The planning is completed on the Upper Maple River and has been presented for review, and planning on the Lower Maple River is almost 90 per cent completed.

Our county receives additional ACP funds to assist farmers in these watersheds to establish needed soil, water, and woodland conservation measures.

We urge every farmer in our county to prepare an outline or plan of the conservation needs for his farm and to carry out the land treatment as soon as he can.

LLOYD CAMPBELL
Know your district conservationist

Lloyd R. Campbell serves as the district conservationist for the St. Johns work unit, an office of the Soil Conservation Service of the United States Department of Agriculture, which gives soil and water conservation assistance to the Clinton County Soil Conservation District. His duties are to direct all office work within the work unit. He gives soil and water conservation information and technical assistance on specific practices to a single farmer or a group of farmers or land owners. He is

Continued on Page 4C

We Salute......
ALBERT SCHAFER & SONS
SOIL CONSERVATION CO-OPERATOR OF THE YEAR

and Soil Conservation Award Winners:

MELVIN THELEN
LYLE HALLEAD
MELVIN GIBSON
CHARLES BRACEY
JOE BROWN
WILLIAM WARNKE

DENNIS J. THELEN
LAWRENCE & CLAUDE JONES
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COMPLETE LINE OF FARM BUREAU PRODUCTS
FARM BUREAU PETROLEUM PRODUCTS-COAL
COMPLETE FERTILIZING SPREADING HERIBIDES AND APPLICATION
BULK FEED DELIVERY SERVICE

Serving Farm People Some way Everyday

ST. JOHNS CO-OPERATIVE CO.

N. CLINTON
ST. JOHNS
Ph. 224-2381
By KEITH WRIGHT
Treasurer
Clinton County S.C.D.

In February, 1959, the Clinton County Conservation Needs Committee determined that 60,322,100 linear feet of tile was needed for adequate drainage of the soils of our district. By the close of the reporting period of June 30, 1968 the cooperators of the District have installed 10,026,402 lineal feet of tile. To the cooperators, it is their hope and conviction that the work will be improved through the installation of about 500,000 feet a year, at this rate tile needed at faster rate may be installed. The cooperators are installing about 40,333,160 lineal feet of tile was needed at faster rate to install their tile drainage, they need more tile. In order to get the land drained in less years, we need more tile. Before many land owners can install their tile drainage, they need better better tile. These improved outlets the directors believe will be improved through the works of improvement proposed under the watershed plan that are planned for our district. Many soils are non-profitable to a farm without tile drainage. On many soils the yields of crops grown on tiled soils are increased even after a couple years, because tile only removes the excess water, not needed by the soil. If you have questions regarding the merits of tile drainage, talk to any district director, or the Soil Conservation Service personnel in the office. The District have installed 10,026,402 lineal feet of tile.

Watersheds - important projects around county

The protection of our land from floods and erosion damage is an vitally important nationwide problem. That is why in 1964 Congress passed the Soil, Water, and Power Act, which authorizes local groups in a federal and technical aid from the Federal government in planning and developing watersheds under $50,000 in size. This set, popularly known as the Small Watershed Program, was first used in the Clinton District on the Muskrat Creek Watershed where 4.6 miles of multiple line was used. We moved on to the Muskrat Creek Watershed where 4.6 miles of multiple line was used. This treatment was completed in October 1963 on the Morris Creek. This was the first watershed project completed in Clinton. This project can be seen from Pratt Road 3/4 of a mile west of Wright Road in Westphalia Township. The Small Watershed Act was passed again in the Civil-Waters Watershed. The problem here was flooding of agricultural land and race and inadequate tile drainage outlets. This watershed was authorized for planning on Aug. 7, 1964, and 4.6 authorized for operations May 9, 1966. The project was awarded March 27, 1966, for 4.6 miles of channel improvement. This project works of improvement were completed Nov. 11, 1966. This project crossed Wright Road 3/4 miles north of Fowler. The Upper Maple River Watershed (Clinton, Gratiot, and Shiawassee Counties) consists of 110,950 acres. It was authorized for planning May 13, 1965. The problem are flooding and poor drainage primarily on the agricultural area, and also the district directors and district members gave a need for multiple use of water—flood storage and recreational use. The watershed work plan has been completed and is presently undergoing review. The Lower Maple River Watershed (Clinton and Gratiot Counties) consists of 135,746 acres. This watershed (better known as Haysbrook Creek) was authorized for planning Feb. 12, 1966. The problems are flooding and impaired drainage primarily in agricultural areas. The soils investigation on the project has been completed. Field work for land use and soils data has been initiated. Preparation of the watershed work plan is 80 per cent complete. An application is being considered by the State Soil Conservation Committee on the Sandy Creek. This application covers 114,000 acres in Clinton and Shiawassee Counties. The educational costs are being paid and when completed, the State Soil Conservation Committee will have a public hearing on the need for this watershed.

GREAT LAKES HYBRIDS

Proudly
Congratulates Clinton County S.C.D.
for its Achievements in Soil Conservation Practices and Addition of New Members.

GLH HAS ALSO ADDED THREE NEW VARIETIES TO ITS MEMBERSHIP FOR 1969:

<table>
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85 DAY SINGLE CROSS 370 300
FULL SEASON THREE WAY 400 250

NEW! 275 2x
NEW! 568 3x
NEW! HIGH LYSINE

Great Lakes Hybrids, Inc.
704 Abbott Road
East Lansing, Michigan 48823

Produced Locally by
MOORE SEED FARM
2 MILES NORTH AND 1 MILE WEST OF ELSE
Soil testing guide to conservation

By R. L. COOK
Michigan State University

Are your crop yields as high as you expect them to be? Do you reach your goals each year? If not, you are not treating your soil properly. Maybe organic matter is not being maintained. Additional plant food may be needed.

Organic matter is really the key to successful soil management. Well-fed plants have the chance to grow as rapidly and become as large as moisture limited them to be. Stems and leaves are large, so residues left on the land after harvest are plentiful. These residues serve as food for soil organisms. By-products of such organisms activity bring about a desirable environment for the roots of the next crop.

A second pay-off is the protection afforded to the soil by the residue during the period between harvest and the planting of the next crop. A big corn crop, 100 bushels or more per acre, harvested with a picker-sheller really leaves an almost complete cover to protect soil granules from being destroyed by beating rain drops. You cannot get these kinds of yields if your plants are being starved.

Only by a soil test can you be more a lack of plant food will not limit your yields. Get the soil tested, then apply the fertilizer recommended.

Call your Extension Service office about the job of getting the samples taken and the location of the soil testing laboratory. This first step toward a bumper 1969 crop will be a big one, and the soil will be "conserved" as a result.

The main objective of soil conservation districts is to have a complete soil and water conservation program in effect on every farm or ranch within its boundaries. As each land user takes care of his own acres the goal of community-wide conservation is approached.

Our soil is strength...
The Way We Use it - OUR FUTURE

The prosperity of your farm is vital to the future of Clinton County... one more reason why we are eager to serve your farm financing needs.

Time Certificate Savings with Passbook Convenience

V.I.P. 5% Time Savings

The newest concept in Time Certificates now available at Central National. Ask for details at any of our offices.
1968 called 'rewarding' year for Clinton SCD

By STANLEY BAIRD
Chairman, Clinton County Soil Conservation District

This past year has been real rewarding for the Clinton County Soil Conservation District. Most of the credit goes to the other four directors, the Soil Conservation Service, the Extension Service, the board of supervisors, and to all of the cooperators.

You too, will get quick results with CLINTON COUNTY NEWS classified ads!

Soil Conservation's Tested and Approved Techniques
Can Save You Money...

DeWitt Lumber Company
Saves You Money On Your...

FARM BUILDING SUPPLIES

Soil conservation is on an all-year job. Keeping your farm buildings in good repair is an all-year job also.

We salute the farmers of Clinton county for their outstanding con-

servation job, and support the Clinton County Soil Conservation District for their progressive community action.

Building and farm supplying is our business... let us assist you in your farm conservation work.

DeWitt Lumber Co.

OPEN: Monday thru Friday 7:30 to 5:30
Saturday 7:30—Noon
ST. JOHNS Phone — John Hall 224-4556
DeWitt Mich. Phone 669-2765

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EVINRUDE SNOWMOBILES
16 H.P. & 25 H.P.

CLOSE-OUT PRICES on Clothing, Trailers and Accessories

SALES & SERVICE — Your snowmobile headquarters

Beck & Hyde Farmarina
Ph. 224-3311
WE'RE NO. 1 . . .
WITH FARMERS, TOO!
THEY LIKE OUR RUGGED, EFFICIENT PICKUPS

Chevrolet's Stepside Pickups, like the Fleetsides, feature bold new front-end styling. And they come with the same advantages of tough build, road-balanced suspensions, broad choice of power teams and many other design improvements detailed on page 4 under Fleetside Pickups.

Step running boards on either side between cab and rear fenders greatly facilitate side loading. Wide flareboards on body sides add to body strength. With bodies contained between the rear fenders, inner walls are 50 inches apart to accept standard 4-ft-wide materials. Floors are of wood with steel skid strips to help slide cargo in and out. Wedge-type anti-rattle latches keep tailgate securely closed. Plastic-covered chains hold tailgate open for handling long loads. Reinforced stake pockets are also provided. Fourteen Stepside models for '69.

Buy Your New '69 Olds
or '69 Chevrolet
for Less at Bee's!

LARGEST SELECTION of NEW CHEVROLETS & OLDSMOBILES in CLINTON COUNTY

**Bee's Chevrolet & Oldsmobile, Inc.**

"The World's Sweetest Place to Deal"

110 W. Higham St. ST. JOHNS Phone 224-2345
We Can Help You
Conserve Your Farm Dollars

Yes, soil conservation starts with the soil. Making the best use of the potential productivity of your soil will give you the greatest dollar return.

**CONSERVE Your Building $ $**

Money invested in farm buildings represents a sizable investment. Protect this investment by making constant repairs and meeting new building needs. For years we have served this community with quality building materials, and this service we plan to continue.

Wieber Lumber Co.
Phone 562-2111

Our Soil Is Strength

Spring is Just Around the Corner and it will soon be time to order your SEED and FERTILIZER

**SAVE WITH OUR**
**EARLY SEASON**
**FERTILIZER DISCOUNTS**

MR. FARMER:

In the Clinton County Soil Conservation District you have an excellent friend to aid you in following a good soil building and producing program.

We have a good supply of legume and grass seeds that have been treated to give you the best possible yields. Help conserve the soil by returning some of the nutrients to the earth. See us for your fertilizer needs.

**Master Mix Feeds—Davco Fertilizers**

Ovid Farmers’ Elevator

**Tips For A Better Future**

**TIP NO. 1 . . .**
Invest your work now in Soil Conservation for greater farm earnings in the future

**TIP NO. 2 . . .**
Invest your savings now at CAPITOL for greater dividends NOW . . . and a better future

**Pass Book Savings Earn 4 3/4%**
CURRENT ANNUAL RATE
5 1/4% Earnings on Special Certificates

SAFETY FOR SAVINGS SINCE 1890
Member Federal Home Loan Bank System

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SAVINGS & LOAN
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222 N. CLINTON ST. JOHNS

SCD has interest in urban and rural areas

By J. RANDOLPH
U.S. Soil Conservation Service

Soil erosion, whether it be on cropland, residential development, industrial sites, or roads, contributes to one of the most serious pollution and sediment problems in our lakes and streams.

Once the soil leaves the location in which it was formed, it becomes an absolute enemy of society. Not only does the productivity of the land it left decrease, but the value of the land where it stops is also lessened.

Whether sediment collects on agricultural land or is deposited on the roadbed of a highway, whether it moves into a storm sewer or stops in some small stream or goes into the Great Lakes, makes little difference. The deposition of sediment in any of these locations is a serious problem.

In some parts of Michigan, the most critical sources of soil erosion are in the areas being developed for housing or for industry.

The cost of removing sediment from lakes after it has been deposited there is prohibitive. Erosion can be prevented for a cost of less than three cents per cubic yard of potential sediment. It costs about $2 to remove the same amount of sediment from a lake after it has been carried there by erosion.

In the process of urbanization, usually 100 per cent of the soil surface is disturbed by bulldozer. While this land is being developed, tremendous amounts of sediment are eroded into streams below.

Even though the loss of soil may not seriously damage the land upon which houses are being built, the off-site damages in lands and streams below are serious.

It is possible to apply conservation measures while land is being converted to houses which will effectively control this erosion and resulting stream pollution.

All levels of government, particularly the township and county government, must take a close look into the need for controlling excess erosion during the development of residential areas, schools, highways, roads, and shopping centers.

Soil conservation district directors and the Soil Conservation Service stand ready to furnish technical recommendations for the control of the ever increasing urban soil erosion problems.

The Clinton County Soil Conservation District is interested in soil conservation in both urban and rural areas. The district’s office located at 100 S. Ottawa, in cooperation with the United States Soil Conservation Service, will help all planners and users to proper use of the soil for a better tomorrow.
Cover crops protect our soil

By ROBERT MOORE
District Director

Cooperators of the Clinton County Soil Conservation District planted over 9,000 acres of cover crops this past year. The Conservation Needs Committee in 1959 determined that there was a need for 75,300 acres of cover and green-manure crops in the Clinton district. Cooperators are using 10 pounds of annual field brome very successfully; other cooperators say that 12 pounds per acre of domestic ryegrass is the only cover crop to use, while other cooperators like 1-1/2 bushels of rye to the acre. Few cooperators use six pounds of domestic ryegrass and five pounds of annual field brome in a mixture per acre for their cover crop.

Cover crops tie up plant food during the winter rains and when the cover crop is plowed under in the spring it lets go of this plant food for use by the new crop. At the Ferden farm near Chesaning, this tie up of plant food by a cover crop is real evident to me when I look at the continuous yellow corn plot without fertilizer and without cover crop and next to it was a plot growing green corn, that had a cover crop, but no fertilizer since 1940. That cover crop had kept enough of the plant food put on the plot before 1940 to still make corn green. whereas, on the one without a cover crop the corn was yellow and smaller than the cover crop plot. After seeing these plots without fertilizer, then viewing the ones with increasing rates of fertilizer with one-half of the plot with a cover crop (the other half without a cover crop) it seemed to my eyes the half with a cover crop was a deeper green.

Lee Purden told me that the yield averages eight bushels more corn for the plots that always had a cover crop planted at the last cultivation. These research plots at the Purden farm have kept me from becoming a “doubting Thomas” about the fertility of our soil. (Continued on Pg. 24C)

The World Will Know Us By Our Soil

Yes, our strength is in our soil . . . the responsibility for this strength is in the hands of our Soil Conservation District and our farmers. We congratulate the farmers of this area for their forward step in preserving our strength . . . the fertility of our soil.

and...we look forward to serving their needs for satisfying the requirements of a soil conservation program.

LET US ASSIST YOU in Your Yearly Conservation Programs
GET YOUR SEED NOW
B ADGER BRAND ALFALFAS
Certified Vernal Certified Ranger Grimm Alfalfa
CLOVER
Mammoth Sweet Clover
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June Pasture, Flaw Down Mixtures
GRASS
Timothy Brome
All Seeds Are State Tested Mixing and Inoculating Service

MATHEWS Elevator Co.
FOWLER Phone 525-2551

SCD Director Robert Moore holds a clump of field bromegrass on his farm in Duplain Township.

TAKE ANOTHER LOOK!

and you'll see why most area farmers chose Soil Erosion Structures built with CONCRETE BLOCKS

*Quality
*Durability
*know-How

We salute the Clinton County Soil Conservation District and the farmers and men who assist them.

KARBER Block and Tile Co.
Phone 224-2327
ST. JOHNS 817 S. Church St.
Good surface drainage vital to soil management

By E. H. KIDDIER
Professor, Department of
Ag Engineering, MSU

The application of surface and tile drainage to our fine-textured soils to remove "excess water" results in an improved growing environment for our crops.

The presence of "excess or gravitational" water deprives the plant roots of the air needed for proper growth. This effect is particularly noticeable in the spring when small plants turn yellow and die from a lack of oxygen. The growing out of corn and beans was apparent in many counties of the state in 1967 where runoff resulting from frequent spring rains filled the low areas. Some fields did produce a partial crop after one or two replantings. Others that stayed too wet too long did not produce a crop at all.

This loss of crop could occur in some of our tile-drained fields where the standing water depth was six to 12 inches. In some of the heavier soils, we are expecting too much of our tile systems to remove both the surface water and the excess water to the tile line.

This situation calls for "planned removal" of this surface water either through 1) a random ditch (if it is feasible and legally correct), or 2) a surface inlet to the tile drainage system.

WHILE A SURFACE inlet can be added years after the tile system is installed, it is much better planning to install the surface system at the same time the tile system goes in. The right (larger) size tiles is needed to rapidly remove the surface water. These large size tiles are available from your Extension Service and your soil conservation district office.

In effect, a surface inlet is a protected opening from the ground surface down to and connected to the tile line. A grate is needed at the ground surface to keep trash out and from running off water usually contains sediment, a sediment trap about two feet deep is needed before the bottom of the tile line.

Surface inlets do represent an attraction to farming operations. They, and tilage machines, can be damaged when one runs into an inlet at a speed of two or three miles per hour. Safety and common sense should be well marked with a high post and flag. I recommend that you build a 10 foot square woven wire fence around the inlet and have blue grass growing in the mow and also needs ability to stack and retrieve. One-man haying operation saves time and labor

The Stackliner 1010 makes the most of every minute by reducing labor and saving time. You guide the "1010" down the row of bales and it does the rest. It picks up bales and loads them automatically. When you have a full load, you move for the storage area. Tilt the load, and the "1010" adds it to your stack in a tight, compact unit.

Results: Your bales hold together better while curing; your stack is more weatherproof.

See This and Other Models
In the Stackliner Series at

S & H FARMS
N. US-27 at French Road Phone 224-6651

CONSERVATION PAYS OFF TO YOU!

Your Cash Income from Your Farm Depends on the Productivity of Your Soil

Practice Tried and Tested Methods of Soil Conservation

- Plant only the best in seeds
- Build soil with lime and fertilizers
- Rotate crops—harvest in lime
- Work at Soil Conservation all year...every year
- For your farm needs see us

FARMERS' CO-OP ELEVATOR
FOSTER Phone 582-2661

Riley and Olive
By Mrs. Goldie Moore

Mr. and Mrs. David Cook hub,
Steven, Cheryl and Loren have a
new member in their family—
Neil Delbert, who was born on
Dec. 27.

Jan. 19 dinner guests of Mr. and
Mrs. Ray Moore were Mr. and
Mrs. James Becker, Jill and
James of S. Johns; Mr. and
Mrs. Valentine Story, Carolie, Bob
and Sharon Story of Riley.

The Priesty Neighbors Study
Group met with Mrs. Goldie Moore
on Jan. 22.

Jan. 18 guests of Mr. and Mrs.
Ray Moore were Mr. and
Mrs. Fred Selkho of Fowler; Mr. and
Mrs. Lester Clapp, Winona; Mr. and
Mrs. Lawrence Moore, Mr. and
Mrs. Henry Worrall of St. Johns;
Mr. and Mrs. Lewis Slim of
Price Road.

Conservation pays off to you!
PRECAST EROSION STRUCTURE

This precast erosion structure on the Van Ellis farm in Bengal Township is connected to a road culvert on Lowell Road, a mile north of M-21.

NEWS WANT ADS

Do the Trick Quick

There is Potential in the Soil if Proper CONSERVATION PRACTICES are applied.

EVERY SOIL CONDITION REQUIRES DIFFERENT APPLICATION OF NUTRIENTS AND KNOWLEDGE TO GET THE MOST OUT OF IT.

We here at Fedewa Builders feel the same when it comes to your needs and try our best to help you solve your problems.

We stand ready to serve you in many ways.

SMITH-DOUGLASS
Fertilization and Service MAKES SURE!

Smith-Douglas Fertilizers with Trel . . . .

Like Insurance . . . when you need it, it's too late to buy it!

*S.D. PELLEFORM
*ANHYDROUS AMMONIA
*SACCO POTASH-UREA
*FARM CHEMICALS for high productivity

NEW Mixing Spreader for raw materials CUSTOM SPREADING

We congratulate the Clinton County Soil Conservation District for their outstanding job of conserving our soil.

We support the farmers of this area and their conservation program.

Clinton Crop Service

M-21 and Forest Hill Rd.
Phone 224-4071
Factors that will help assure establishment and long life for your water without causing erosion.

Factors that must be considered from the field in a few days.

Pastures without causing serious damage to livestock.

Possible to remove large amounts of water during farming operations, and must be available for carrying normal storm runoff from the field in a few days.

Your soil conservation technician have tables showing design materials and services for greater efficiency — Dr. Charles E. Kellogg, SCS Soil Conservation.

Survey.

An appraisal of potentials for waterways generally may be formed across. Those in pastures often will provide considerable forage, and those in crop fields can supply extra hay. Only larger waterways and drainage ways may need to have live stock excluded.

Grassed waterways are one of the conservation practices most shared by ASC.

Besides adding beauty, trees set as community air conditioners. It's been said that a large elm tree, for example has a total leaf area of almost an ares. Another extraordinary use is the interception of wastes from industrial plants that might accidently be discharged into water downstream. A number of industries have installed ponds to intercept wastes that are discharged from their processing plants. In cases a polluted is accidentally discharged, it can safely be retained within the pond reservoir, protecting the downstream areas from pollution. This keeps the streams suitable for wildlife and recreational use.

Another major use that is not too common in Michigan is the use of ponds as waterfowl rearing and he feels it is a definite asset to the property.

Arthur Jacobs, Bengal Township, constructing a grassed waterway on a watercourse on his farm to correct a serious erosion problem.

5 steps to long life for grassed waterways

By ORIVLLE BEACHLER Soil Conservation Technician

Grassed waterways make it possible to remove large amounts of surface water from fields and pastures without causing serious erosion. To be effective, the waterway must be shaped to the minimum of inconvenience to farming operations, and must be capable of carrying normal storm runoff from the field in a few days.

Your soil conservation technician have tables showing design factors that must be considered for a waterway to remove excess water without causing erosion.

A waterway should be protected by a grass sod. The best protection against erosion is a healthy sod. But a sod does not just happen. Here are a few of the factors that will help assure establishment and long life for your grassed waterway.

1. Shape waterway to provide for an even flow of water without sudden changes in grade or cross section.

2. Apply needed fertilizer and work into seed bed. Lime may be needed on some soils. Most sod with require 500 to 1000 pounds of 12-12-12 (or equivalent) to assure a vigorous grass cover.

3. Fertilized with livestock and seed with adapted grass. Harrow lightly or roll again to cover seed. Suitable grasses are red fescue, smooth bromegrass, and tall fescue. A small amount of dormant grass may be added to provide quick cover with the slower starting red fescue or bromegrass.

4. Mow at the rate of 8 to 10 acres per hour with straw or hay. The down with commercial netting, spray with insecticides, or anchor by chopping in with a disk to hold mulch in place. Stray mow makes a good mulch.

5. Water with 500 to 1000 pounds of 12-12-12 per acre every two to three years so necessary to maintain a healthy protective sod.

Watersways generally may be formed across. Those in pastures often will provide considerable forage, and those in crop fields can supply extra hay. Only larger waterways and drainage ways may need to have livestock excluded.

Grassed waterways are one of the conservation practices most shared by ASC.

Besides adding beauty, trees set as community air conditioners. It's been said that a large elm tree, for example, has a total leaf area of almost an acre. Another extraordinary use is the interception of wastes from industrial plants that might accidently be discharged into water downstream. A number of industries have installed ponds to intercept wastes that are discharged from their processing plants. In cases a polluted is accidentally discharged, it can safely be retained within the pond reservoir, protecting the downstream areas from pollution. This keeps the streams suitable for wildlife and recreational use.

Another major use that is not too common in Michigan is the use of ponds as waterfowl rearing and he feels it is a definite asset to the property.

Arthur Jacobs, Bengal Township, constructing a grassed waterway on a watercourse on his farm to correct a serious erosion problem.
Soil Conservation Is a Must

We congratulate the Clinton County Soil Conservation District for their outstanding job of conserving our soil. We support the farmers of this area and their conservation program.

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Come in and check our complete line of quality merchandise. Our products are sure to fill your needs...our low, low prices will please you.

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Page 13C

Wednesday, January 29, 1969

Hart lauds SCD for efforts in state

By SENATOR PHILIP A. HART

"Conservation is what we eat, what we wear, what we drink, and where we live, and if we don't we won't."

This remark from an essay by a nine-year-old boy emphasizes the state that each of us has in proper care and development of Michigan's natural resources. Not enough people understand the work being done by Michigan's 83 soil and water conservation districts in their behalf. The practices and progress of these districts benefit many—as the Clinton County Soil Conservation District's annual report shows.

In helping landowners and others conserve property for good living and a good heritage through many varied activities, Clinton and other conservation districts have helped Michigan agriculture grow—better fields and woods, higher quality crops, and increased farm income. They have brought many recreational opportunities to private land throughout the state. They have greatly increased the natural beauty of Michigan, through regular conservation work on the land and through special projects.

Conservation district leaders fight the fight for quality water. Their work reduces the amount of sediment—the nation's number one pollution problem—that reaches our waterways.

Conservation district activities have been directly responsible for drawing more than 120 new businesses and industries to Michigan communities. Since 1950, resulting in more than 400 new jobs.

Small watershed projects under Public Law 556, in which conservation districts are prime leaders, have brought in more than 100 new industries as well as providing jobs in watershed construction.

In short, soil and water conservation districts and their cooperators are a broadly capable team in making our state a better place in which to live, work, and play.

It has been my privilege over the last decade to work with conservation districts, their state association and sister agencies, and our federal partner, the USDA Soil Conservation Service, to keep conservation moving.

My colleagues in the Senate are showing greater concern and interest in the problems of learning to live with our environment. Our front pages and our senses are assaulted daily by growing signs of pollution and resource waste. Our cities especially are experiencing growing pains—and their growth, too, is poorly planned. Our country is living in self imposed economic opportunity.

Far more people need to be concerned about proper resource care and use—not want to do something about it. Far more support for conservation work is needed—from every corner of Michigan, from the state, and at the national level.

As interest and concern by all segments of society can assure an adequate supply of natural resources to meet rapidly incr...
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Alward-Plowman District
By Wanita Hardman

Jan, 19, guests of Mr and Mrs Duane Peck were Mr and Mrs Russell Bowens and baby, and Mrs Patsy Bailey and daughters of DeWitt. Mr and Mrs Duane Peck were dinner guests of the evening of Mr and Mrs Alfred Wiedemann, Mrs Dan Peck and Mrs Lyle Smith were recent guests of Mrs B. Otto of Lansing.

Mrs Ardella Peck and Mrs Helen Smith who were in an accident are now home recovering from bruises.

Miss Diane Wright was a guest of Miss Betty Wolford Jan, 19. Mr and Mrs Joel Wolford were Jan, 19, guests of Mr and Mrs Bud Wolford of Lansing. They entertained Mr and Mrs Robert Voltz, and Deborah and Paul Conley in honor of their grandson Paul's birthday.

Mrs Jack Wolford and Miss Betty Wolford attended a shower at the home of Mrs Arnold Blizard in honor of Mrs Lyle Blizard on Jan. 10.

Jan, 19, dinner guests of Mr and Mrs Robert Sword Sr. were Mr and Mrs Bob Icet and children and Mr and Mrs Donald Babkins and baby of Lansing, Mr and Mrs Robert Sword Sr. and family were guests of Mr and Mrs Floyd Snyder and sons of St. Johns. Mrs Robert Sword called on Mr and Mrs John Gordon of Ionia Jan, 14.

Mrs Nina Yanz of DeWitt spent from Jan. 14, until the 16th with Mr and Mrs Virgil Yanz. Mr and Mrs Virgil Yanz and Collin spent Jan, 19, in Sterling with her uncle and aunt Mr and Mrs Lester Waddell.

"It is desirable that today there is a growing recognition on the part of land users and the public generally of the need to strengthen conservation in our upstream watersheds and to minimize flood damage."— Dwight D. Eisenhower.

Conservation seeks to insure the maximum benefit from the use of our natural resources.
To the

FEDERAL AGRICULTURE SOIL
CONSERVATION SERVICE

and the

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FARMING
CLINTON COUNTY'S LEADING INDUSTRY
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It is said that armies travel on their stomachs, but it's a fact that hunger breeds revolt and war. All progress, both socially and industrially, depends on a strong agriculture. The achievements of the American farmer have been unparalleled in history, and the benefits our science and industry have reaped from this greatness has grown to a greatness unsurpassed in history.

This Message Sponsored by the Businessmen and Merchants of Clinton County
Tree farms treat forests as true crop

When you see a green and white, diamond-shape sign which says TREE FAIRM—posted at the roadside, you will know that here is a privately owned tax-paying forest land dedicated by its owner to the growing and harvesting of repeated forest crops.

Elton Twork, area forester for Michigan's Natural Resources Department, says that the basic aim of the American Tree Farm System is to help owners do a better job in the care of their woodlands. With good practices, owners can receive higher returns from their woodlands. They can receive continued benefits and produce better and better forest products.

The American Tree Farm System gives public recognition to those private forestland owners who are fully meeting the standards of the program in the management of their forest lands. From its beginning in the Pacfic Northwest in 1941, and in Michigan in 1949, tree farm acreage has expanded to 46 of the 50 states.

The system is sponsored nationally by the American Forest Institute, and at the state level it is sponsored by Michigan Forest Industries and is assisted by the Forestry Division of the Department of Natural Resources.

TREE FARM STANDARDS—

In determining eligibility for certification in the American Tree Farm System, the following requirements must be met:

The land must be privately owned, tax-paying forest land which is dedicated to the growing and harvesting of forest products. The area must support a medium or better stocking of forest trees and the site must be of sufficient quality to produce marketable forest products. Poorly stocked acreage will not be certified as part of the total tree farm acreage. Small areas of low or non-producing land, such as bogs, brush land, may be in the tree farm, but these areas must not be included in the tree farm acreage. Normally, the minimum area that will be considered for TREE FARM certification is 10 acres.

The owner must, to the best of the ability and within the limits of economic practicability, protect his woodlands from fire, insects, disease, grazing and erosion.

The owner must have demonstrated the desire and ability to manage his woodlands for the growth and harvesting of repeated crops of commercial forest products, including Christmas trees. Accepted forestry practices must be followed on substantially all of his lands.

This means that an owner cannot have a young forest plantation alone have a young forest plantation. (Continued on Pg. 2GC)

The people of Michigan have taken a long step forward in the big battle to eliminate land and water pollutants and to increase manifold the recreation facilities in our state.

This first step was taken last November when voters approved by substantial majorities bond proposals. One would provide $335 million with which to combat the increasingly serious pollution of our lakes and streams. The other would provide $100 million for expanding and improving recreation facilities throughout Michigan.

In unfortunate that the federal government has fallen far toward solving the problem as had been expected but almost will be a start. And Michigan residents, by their enthusiastic approval of the bond issues, have shown their strong interest in doing all they can toward conserving nature's great gifts of land and water.

The water pollution money will be used to help communities throughout the state get their treatment facilities into proper working order. The money for land pollution is expected to be used to help communities throughout the state get their treatment facilities into proper working order. The people of Michigan have taken a long step forward in the big battle to eliminate land and water pollutants and to increase manifold the recreation facilities in our state.

If you think water skiing is fun in the summer, you should try "Snow-skiing" in the winter . . . with a SNO JET or MERCURY Snowmobile from BEE'S SPORTS DIVISION

Don't let us out in the warm . . . come on in and check out our 23 J.P., MERCURY with Thermo-Start ignition, 17-hp steel-caged reinforced rubber track, manual or electric start, and many more great features. Instant response of our SNO JET will take you through any maneuver, 15 to 25 J.P., to choose from will seal known BERTH air-cooled engines. So, break away from winter boredom. Stop in today and make a deal with Jerry.

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Don't let master thief (Erosion) steal your land

BY RUSSELL G. HILL
MSU Extension Specialist

If a thief stole your tractor, cattle or goose, you undoubtedly would lose time making every effort to catch the culprit and get your possessions back. The many landowners give little attention to a master thief—Erosion. If left uncontrolled, Erosion can steal many dollars worth of productive soil and plant nutrients from their fields.

The major productive part of each land is in the upper 12 inches. We commonly refer to this layer as topsoil. Research through the United States has consistently shown that as this layer becomes thinner by erosion, the production of crops goes down—even though the same inputs of labor, fertilizer, hybrid seeds, and herbicides occur.

Erosion becomes a production loser. Lose production—lose profit opportunity. This is the hard fact of erosion. What's more-unless greater investments are made, this crop loss occurs year after year. In fact, the rate of further erosion increases. It boils down to a management fact that it is more profitable to keep good land than it is to let productivity decline and then try to bring it back to a higher level. Erosion losses by wind and water must be controlled. The land operator must make annual investments to maintain soil productivity.

Soil lost by erosion may also cost the landowner in other ways. Soil washed down into ditches, water channels and impoundments. It costs from $1.50 to $2 per cubic yard to remove this fill. Soil or sediments will also cause changes in water quality that reduces its usefulness for fish, recreation or water supply. The value of unused streams and lakes have also greatly reduced due to soil incroachment. In this respect, every citizen has a stake in erosion control.

TO THE LANDOWNER, erosion is a very selective thief—it takes the best first. I remember a neighbor of ours who was feeding 100 chickens for the local Christmas market. About three weeks before marketing time, someone broke into the coop and took 75 of them. Further, he left a note stuck to the door which read, "Pluck the other 25 and I'll be back after them." Erosion removes the best and leaves the poorest.

Russell G. Hill

Besides being an Extension specialist in soil and water conservation at Michigan State University, Hill is also executive secretary of the State Soil Conservation Committee of the Michigan Department of Agriculture.

When we see wind erosion, it is not just a "faux" or that stuff that accumulated in low areas and caught after the rain is not just "mud." Chances are there are 4 to 6 times greater concentration of plant nutrients in this material than existed on the surface from which it came. The soil particles are usually clay or silt with large quantities of organic matter, calcium, nitrogen, phosphorus and potash. Remember these names? They are the ones you buy to put back on soils.

Even though some investments in money and labor may be needed to reduce erosion, there are many practices which require little additional effort. Minimum tillage, contour-rip cultivation, contour tillage, strip cropping are just a few. Add crop rotations, cover crops, grass waterways, mulches, pasture management, windbreaks and adequate fertilizer and lime based on test and most erosion problems can be kept under control. That is after you first determine whether your fields should be used for cultivation, pasture, or trees.

Another Advantage is the farmer for controlling the erosion thief that is existence is that is available. First, become a land management program for your land. There is a careful charge to you. Apply to the ACP for most-starring of the purposes when you install them. F.E.A. can make soil and water conservation loans and the Internal Revenue Service will recognize them as deductible investments if they are permanent type soil and water practices. County Extension Agents can also assist.

These are the E.C.A. (erosion control agents) that can help you control erosion thieves.

Higgins Lake conservation school report

Dear Sirs:

An enjoyable week was spent at the Conservation School at Higgins Lake gauging needed understanding through the following enrichment program offered by the Michigan Department of Conservation. Each day some group of about 60 students earth history and natural resources, forestry and ecology, soil and water resources, life and natural resources, and an outdoor education.

We learned through first hand experience and through discussion with experts in conservation sound resource problems and programs in Michigan. Curriculum was treated with emphasis on history, economy, consumer problems, and natural sciences. We observed through Gold Fingers the phenomenon of erosion, the geologic record of the land, and the history of man's use of his own resources.

We had a complete library, recreation facilities, excellent food, and informal atmosphere which made the school a stimulating and challenging place to learn.

Many thanks to the Clinton County Soil Conservation District for paying my tuition. It certainly was a week of great value to me, because through the course I came home with many concepts to develop in the school program this fall.

Yours sincerely,

Mrs. Landolps (Martha) Ernst
Task Olive School

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Watershed plans near finish

Wednesday, January 29, 1969

By ROBERT S. FELLOWS
Asst. State Conservationist, USDA Soil Conservation Service

The watershed work plans for the Upper Maple River Watershed are near completion, according to V.M. Balfour, state conservationist for the U.S. Soil Conservation Service. The watershed work plans include measures for flood prevention, agricultural drainage, fish and wildlife, and recreation.

The watershed plans have been developed under the small Watershed Act, better known as Public Law 506. The plans have been developed at the request of the Maple River Inland-Corridor Drainage Board and the three soil conservation districts of Gratiot, Clinton, and Shiawassee counties. Some of the major projects included in the plans are two multiple purpose dams for flood prevention and recreation, 14.4 miles of ditches and collection ditches, four pumping stations, and 14.2 miles of multiple purpose channel improvement for flood prevention and drainage. In addition, the plans include the treatment of 20,000 acres of cropland, 270 acres of woodland, 325 acres of wildlife land, 570 acres of recreation land, and 3,700 acres of forest land.

The treatment will include the installation and water conservation practices such as erosion control structures, cover and green measures, trees and shrubs, planting, open spaces, grassed waterways, and hedgerow planting.

A technical and public review of the work plans has been completed by the U.S. Soil Conservation Service at the Washington level. An informal field review of the plans by the operators will be scheduled for early 1969. Upon completion of the informal field review, copies of the watershed work plans will be submitted to other federal agencies and the governor of Michigan for review and comment.

Also, after comments are reviewed and evaluated, the plans may then be forwarded to Congress. V.M. Balfour, state conservationist for USDA Soil Conservation Service, in his letter of the Soil Conservation Service to expedite the orderly completion of these plans so that the project plans may be installed at the earliest possible date.

"He who knows what sweets and virtues are in ground, the waters, the plants, the heavens, will how to come at these enchantments, by the hand and royal mean." — Ralph Waldo Emerson.

Soil Conservation Service geologists of the watershed planning party check soils with a power auger for the Hayworth Creek Watershed, a part of the Lower Maple River Watershed.

By CLARENCE MANNING
Secretary
Soil Conservation District

I was appointed by the president of the Michigan Association of Soil Conservation Districts and also by the State Soil Conservation Committee to serve on the council of the Grand River Basin, as an associate member representing the Soil Conservation Districts in the region. The district does not pay any dues or vote at the meetings, but their representatives are expected to serve on the committees.

I am now serving on the administrative sub-committee that concerns itself with agricultural water, involving conservation land treatment and treatment. The Soil Conservation District plays an important role as resource people in the council's river basin responsibilities. There are three other soil conservation districts in the Grand River Basin, the Clinton, Shiawassee, and Ingham districts.

The council of the Grand River Basin is currently being conducted by the Department of Agriculture, Army, Commerce, Health, Education, and Federal Power Commission. The Grand River Watershed Council advises these federal departments and state and local government agencies as to the council's view on problems of the Grand River Watershed.

The area of the Grand River comprises more than 5,570 square miles, from its source in Hillsdale County, through 260 miles of the Grand River and 300 miles through Lake Michigan in Grand Haven, it is commonly identified with the state of Michigan. Rather oval in shape, the basin has a length of 135 miles and maximum width of 70 miles. The population in the basin is nearly one million people.

With the industrial and civilian requirements in water usage greatly augmented in recent years, periods of critical river flows are frequently occurring when, because of a high and minimum river flows, demands for water for community requirements have become unacceptable. It not only because of the increasing public demand for water as a prime necessity for primary functions of public and being, but because of the deteriorated water quality due to pollution. In its recreational forms, it is imperative that steps be taken to provide for proper conservation of water in all of its phases of use and distribution.

The Michigan Grand River Watershed Council has been responsible for the assembly of a Federal- and state-wide group of over 100 people to work together in the effort of waging a national contest. It is being in cooperation with the local cities, counties, and State Conservation Districts in the Grand River Watershed.
Soil conservation not just rural problem

By WOODROW H. BARCLAY
Area Conservationist

"Time Marches On," This was a familiar news theme title in the 30's and in the 40's when soil conservation was being introduced to combat erosion which was marching across the farmed land. Soil and water conservation is no longer just a farm problem. In fact, it never was or has been just a farm problem. It's a problem of people on the farm, in the cities, in the back yards, on the beaches, and on the highways of America and every other country. Every foot of space occupied and used by man for his activities is subject to pollution and deterioration.

Time marches on but the frontiers of America are still on the land. And they are on the same old lands that were pioneered by the early settlers. There are no longer significant areas of new land to pioneer if the old lands are permitted to deteriorate. Developing the total environment on old land is the frontiers of the here and now generation. It will require broader concepts and activities for managing all of our natural resources in the total environment where we live now. But new and expanding demands on our resources can be met by advance planning. Local people using inventories and appraisals with assistance of professional resource personnel can determine their environment and provide the type of community in which they wish to live.

The Soil Conservation Service and the Kent Soil Conservation Districts are providing technical soils data and professional planning services to individuals and communities ready to use these facilities for conservation purposes.

"Time marches on — and with it should go progress in natural resource conservation and environmental development. Not all development is progress but we still have a little time to guide our progress before — Time marches on too far.

We commend the DeWitt and Clinton County Farmers for their efforts toward maintaining above-level standards of soil conservation.

We recommend that you cooperate with the Clinton County Soil Conservation District.

Banking plays an indispensable part in agricultural progress by providing the financing for new equipment and expansion.

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James Burnham
Route 2, St. Johns Phone St. Johns 224-4045
7 miles north, 1 mile east, 1/2 mile north of St. Johns on Scott road.

but spring planting would be a waste of time without an effective and continuing program of Soil Conservation.

We commend the DeWitt and Clinton County Farmers for their efforts toward maintaining above-level standards of soil conservation.

- Soil conservation is just one facet of the fabulous future that can mean more farm income.
- We recommend that you cooperate with the Clinton County Soil Conservation District.
- Banking plays an indispensable part in agricultural progress by providing the financing for new equipment and expansion.

Explore the Possibilities for Financial Growth at WOODRUFF STATE BANK

Member F.D.I.C.
DeWitt, Michigan
of Michigan's inland lakes and streams as well as those waters shared with other states will be protected by standards of quality designed to meet the needs of all citizens.

In 1967 the Water Resources Commission served under the plan that phosphorus compounds, identified as a prime cause of the aging of lakes, in all waste discharges must be controlled by June 1, 1973 at the latest. Step one in the implementation of this plan occurred in February 1968 when some 200 communities were notified by letter of the new commission policy. Each municipal staff was advised to begin planning for improvements to existing facilities or both. This is necessary if they are to comply with the state's interstate waste water quality standards and/or the recommendations of the Federal-State Conference on Pollution of Lake Michigan and its Tributary Basins. In the conference recommendations the date for the application of removal from wastewater discharges in Lake Michigan and its tributary basin was advanced to December 1971, and the degree of removal to be attained was established at not less than 50 per cent. Michigan's interstate standards require a minimum of secondary treatment at all municipal wastewater treatment plants by June 1, 1973, "unless and until it be demonstrated that a lesser degree of treatment or control will provide for water quality enhancement commensurate with present and proposed future uses." During the latter part of 1968 the commission began holding conferences with those communities which had not indicated that they would upgrade their facilities on a voluntary basis. In all cases where voluntary agreements cannot be worked out the commission will institute a testatory enforcement procedure.

CLEAN WATER HOUSING PROGRAM

Michigan's prospects for a clean water future were immensely strengthened by water imposed of a $335 million bond issue, paying the way toward restoration of some 300 miles of degraded streams. Matched by federal and local funds, this money will buy 210 new municipal treatment plants, provide for improvements to 259 existing plants which are too small or outdated or both, and allow construction of sewer lines to serve approximately 3 1/2 million people.

Although the bonds must be sold and additional legislation is needed to implement this program, it is anticipated that local communities will begin to share in the bond money in the spring.

BOAT POLLUTION CONTROL

On March 9, 1969, the commission formally adopted rules controlling the discharge of sewage from recreational watercraft. These rules, which take effect on January 1, 1970, were the result of a study of law enforcement procedures. The rules apply to boats equipped with one of the following pollution control devices: (a) a holding tank; (b) an incinerating device which will reduce the sewage to ash or (c) a device determined by the commission to be capable of rendering the sewage discharges nonpollutional.

NEW COMMISSION DUTIES

New responsibilities were given to the Water Resources Commission under the provisions of two statutes enacted by the 1969 Legislature, both of which amended the basic water pollution control law, Act 397, Public Acts of 1969, as amended. These new laws were given immediate effect.

Act 200, Public Acts of 1968, requires the commission to examine and certify operators of industrial waste treatment facilities by July 1, 1969. The law also requires operators to be fined with the commission showing the effect on the treatment facilities and the city or county of the pollution of liquid wastes discharged to a public lake or stream. Last July the commission appointed an advisory committee, consisting of representatives of the 12 principal treatment facilities in the state, to staff the Department of Public Health and a member of the commission staff, to assist in formulating rules and regulations for the developers of the implementation of this act. The commission has tentatively

(Continued on Pg. 24C)
CLINTON COUNTY SOIL CONSERVATION DISTRICT BOARD, ADVISORS

Members of the Clinton County Soil Conservation District Board of Directors are shown at one of their recent meetings. Seated around the table are Robert Moore, Keith Wright, Chairman Stanley Baird, William Mayers and Clarence Manning. George McQueen, Clinton County Extension agricultural agent, is at left, and Lloyd Campbell, SCS district conservationist, stands at right next to Secretary Sue McAlvey.

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North Bengal

By Mrs Wm. Ernst

On Thursday, Jan. 16, Mrs Justin Schmitz entertained at a birthday party in honor of her son, Dennis. It was his 5th birthday.

Mrs Robert Eldridge spent from Jan. 15 until Jan. 17 with her son and daughter-in-law, Mr and Mrs Robert Eldridge Jr, and family at Midland. She helped care for her new granddaughter.

Mrs Edna Watamaker entered Carson City Hospital as a medical patient on Jan. 16.

Mr and Mrs Randolph Tedt, Mr and Mrs Erwin Tedt, and Mr and Mrs Robert Eldridge attended a dinner and card party at the home of Mr and Mrs Norman Iyer of South Bengal on Saturday evening, Jan. 16.

Mr and Mrs N.E. Roseme and Mrs Ray Powell and sons were Jan. 16, callers in the Edmond Folk home.

Mr and Mrs Edwin McMenish of South Bengal spent Sunday evening, Jan. 16, with Mr and Mrs William Ernst and Maxine.

Mr and Mrs Louis Moritz and family, and Mr and Mrs Edward Moritz were Jan. 16, visitors of Mr and Mrs Clare Moritz of rural Grand Lodge.

Mrs Darroll Hunt and children and Mrs A.D. Bancroft of Maple Rapids called on Mrs J.D. Bancroft on Jan. 15.

Mr and Mrs Robert Eldridge and sons were Jan. 19, visitors of Mr and Mrs Robert Eldridge Jr, and daughters of Midland.
Grant to succeed Williams as SCS administrator

U.S. Department of Agriculture Soil Conservation Service

Promotion of Kenneth L. Grant, associate administrator of USDA's Soil Conservation service, to associate administrator Donald A. Williams, who plans to retire in early January, was announced by Secretary of Agriculture Orville L. Freeman.

The change will take place Wednesday. Dr. Williams retires to become a full-time program advisor on water management and development for his Ford Foundation task in India on a program to help that country increase food production. He has served part-time in that capacity for the past year and has made several trips to India and Turkey, Costa Rica, Thailand, Viet Nam and New Zealand.

Mr. Grant, 48, a career employe of SCS since 1949, was appointed associate administrator in March 1957. A native of Bobstnond, N. H., he was SCS State Conservationist in that state from 1956 to 1959, when he was promoted to state conservationist in Indiana. He served as head of SCS work in that state, with headquarters in Indianapolis, from June 1964 to March 1967. Mr. Grant received a B.S. degree in agriculture, with a major in agronomy, from the University of Vermont in 1941, and a Master's degree in public administration from Harvard University in 1944. He served in the United States Army from December 1945 to October 1946. He joined SCS as a junior soil specialist at Keene, N. H., in 1946.

Secretary Freeman, in announcing Mr. Grant's appointment, said he had done an "outstanding job" as head of SCS work in New Hampshire and Indiana and as associate administrator of the agency in Washington. Mr. Grant in recent months has been the Department of Agriculture's representative on the government's task force on the quality of the environment.

Dr. Williams, the third administrator of SCS, directed the agency during the period of its greatest growth, Secretary Freeman said.

Upgrading lake water quality

(Continued from Pg. 22C)

scheduled a public hearing on these rules and regulations for the March 1959 meeting.

Under the provisions of Act 167, Public Acts of 1956, the Water Resources Commission has control over the alteration of any natural or present watercourses of all rivers and streams in the state so it was given the authority to determine the extent of the flood plain. In addition, this Act makes it unlawful to occupy a flood plain without a permit from the commission. A permit also is necessary for any filling or grading in a flood plain. By the end of 1958, the commission had issued 112 permits for filling or grading in flood plains.

POLLUTION PREVENTION AND CONTROL

During 1958 the Water Resources Commission issued some 30 permits which restricted new or increased use of the waters of the state for waste disposal purposes. In addition, it continued to seek correction of existing pollution problems, issuing 46 orders requiring elimination of specified issues. Voluntary agreements to control pollution also were executed between the commission and three governmental units and seven industries.

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Wednesday, January 29, 1969

FORD'S STEP-AHEAD IDEAS

OUR PICKUPS WORK LIKE TRUCKS

For a light duty pickup, stake, platform or chassis cab truck that delivers heavy-duty service see Egan Ford. For economy there are the 240 or 300 cubic-inch sixes that squeeze maximum mileage from each gallon of gas. For performance, there are the 360 or 390 cubic Inch V-8's. All of Ford's light truck engines are designed to operate on regular gasoline. Come on in to Egan Ford and find out what's happening in light-duty trucks.
Dear Sirs:

Through the recommendations and assistance of the Clinton County Soil Conservation District, the Clinton National Bank and the Central National Bank I was afforded the opportunity to attend the Higgins Lake Conservation School from July 15 to July 20.

These one week sessions for about 80 teachers and 20 people from the Michigan Department of Conservation were designed to give the students an understanding and appreciation of Michigan's natural resources so that they may develop techniques for conservation education in their schools and communities.

We arrived Sunday afternoon, registered, were assigned to dormitories, had a delicious turkey dinner and then an evening orientation session.

Monday's topic was "Earth History and Mineral Resources." During the two morning sessions we heard lectures on soils and minerals. In the afternoon we visited an old well, a pumping station and a gravel pit for the rockhound. (Yes, we collected some Petoskey stones.) Weaters saw a soil strata demonstration. Monday evening's lecturer, Miss Mary Jane Dockery, geologist and naturalist at the Grand Rapids Public Museum showed slides with her lecture as well as a collection of rocks and minerals.

Wednesday's program was devoted to Fish, Wildlife and Inland Lakes. Management and making of Lake properly to prevent over-crowding, slums, and lake pollution were discussed as well as shown to us on the field trip. We also visited fish and water fowl management areas.

Wednesday's program was devoted to Forest, Ecology and Wildlife Resources. Mr. Ford Kollman, game biologist and Robert Borka, district forest supervisor, both from the Michigan Department of Conservation were the speakers and guided us on the field trip. Those two dedicated and talented men made this a very informative and interesting day with their realistic presentation of the problems in the area. We visited the 4,500 acre area west of Pewaukee which burned this spring, plus several forest management plots and a deer feeding area.

Thursday morning we saw a film on the Au Sable Watershed and heard Mr. Howard Campbell, territorial forester of the Michigan Department of Conservation discuss the future of Michigan's recreation and tourism industries. Through the recommendations of the recreation and tourism industries we were shown the pleasures of various outdoor activities in our area. That afternoon and evening a heavy rain, we went on a three hour canoe trip on the Au Sable.

Modern Johnny Appleseed

Nearly everyone is familiar with the true story of Johnny Appleseed, a pioneer of conservation, reforestation and beautification. Few are aware of the extensive reforestation program being carried on right here in Michigan. Back in the twenties, Consumers Power started a reforestation program. Today, we plant thousands of trees a year. As a result, 23,000,000 additional trees are growing along 23,000 acres of Michigan's beautiful streams and rivers. These millions of trees are valuable not only as a practical conservation program, but provide reforestation, a haven for wildlife and aid to the pleasure of hikers, tourists, and vacationers.

It was a pleasant, worthwhile week, in which we are involved. This was so well coordinated and presented during the week, after analyzing my own reaction to the learning process I am more convinced than ever of the effectiveness of good audio-visual materials and field trips.

I am sincerely grateful for this opportunity.

Sincerely,

GLADYS BULLARD
Hillard, Ovid-Elsie Community Schools

GLADYS BULLARD
Sawgas Street School

Dear Sirs:

I attended the annual conservation scholarship program July 28 to Aug. 2. The program consisted of guided field trips which acquainted the group with our natural resources and management problems in the state. It helped to give us a look around for understanding the problems in a statewide conservation picture. Lectures and group discussions were conducted by personnel resource and curriculum specialists from colleges and universities. It helped to give us a guiding philosophy how to save, conserve and provide the greatest use and enjoyment from our resources. Resources were approached on the basis of tradition, economics, recreation and political decisions.

Conservation was taught as wise use and management of our resources, in their relationship to man and his needs. Mr. Stan....

GLADYS BULLARD
Sawgas Street School

Dear Sirs:

I wish to express my appreciation for the opportunity of participating in the Conservation Scholarship Program for Teachers at the Conservation School at Higgins Lake. We had the opportunity of hearing from several resource people at different aspects of conservation, field trips, films, and a wealth of material to be used in our classrooms for teaching. Lastly, but not least a canoe trip down the Au Sable to complete the week's activities. It will be a challenge to teach conservation to my students this year.

Sincerely,

MRS. RAY THORNTON
Ovid-Elsie Community Schools

Additional report on 19C

"When the waters are unpolluted, people lower their standards, both physically and spiritually."—Dr. Walter Lawdermill.
Tree farms treat forests

(Continued from Pg. 18C)

accepted as a tree farm and at the same time mis-manage his woodland.

FOREST PLANTATIONS will be included in the total tree farm area regardless of age, providing other acreage is eligible for certification. Thinnings, release cuttings, and pruning will be considered as evidence of management intent. However, young stands may be certified before such work is necessary. If the need of such work is indicated and has not been done, such stands will not be certified.

Before a woodland may be certified in the American Tree Farm System, it must be inspected by an inspecting forester who reports to the tree farm committee. Applications for inspection are available from the Forestry Division, Michigan Department of Natural Resources, Lansing, Mich. 48926.

Sand & Gravel

HEAVY MEDIA SEPARATION (HMS)
The VERY BEST STONE for any CONCRETE WORK—We Also Have—Pea Stone, Screened Top Soil, Processed Road Gravel, Stone for Any Use!

Sand & Gravel

Elise

By Mrs. Neva Keys

Recently installed officers of the Ovid Bethel No. 19, of the International Order of Job’s Daughters with Honored Queen Nancy Cross presiding, held their first regular meeting Jan. 13, with 20 daughters and nine council members present.

Among those introduced were Sue Besko, past honor queen; Debbie Watson, grand representative to Nevada; Pam Foster, guardian; Lewis Goodrich, associate guardian; and Mrs. Mickey Besko, past guardian.

Although invitations had been received from the St. Clair Shores Bethel No. 32 for the Grand Bethel exemplification of initiatory degrees and reception Jan. 13, the Corunna Bethel installation of officers Jan. 17, road conditions and other commitments, made it impossible for the members to attend.

The librarian Sue Austin gave a New Year’s poem, “Ring On,” at the close of the business meeting.

Peggy Remmell, Ruth Ann Baker and Sue Austin were installed by Past Honored Queen Sue Besko as they were unable to be present for the recent installation.

We salute the farmers of Clinton County for their outstanding conservation job and support the Clinton County Soil Conservation District.
In the parking lot, breaking bones
him a card or call at the Ionia
from Hubbardston, fell on the ice
Mrs Iva Rogers, and attended the
much pain and discomfort. Send
in his back and shoulder, causing
itarium, from the Carson City
transferred to the Lansing San­
ston.

Jean widows' living in Hubbard­
the snowstorm—one of the "thir­
ivices in the moring.

FINANCIAL REPORT

July 1, 1967 - June 30, 1968

BALANCE on Hand July 1, 1967
$ 799.29

RECEIPTS:

District Administrative Funds 433.48
Conservation District aids Funds 267.09
State and Regional Meetings 52.66

Total Receipts $759.59

TOTAL AVAILABLE FUNDS $759.59

DISBURSEMENTS:

Office Supplies and Postage 236.19
Fees, Due, Etc. 153.00
Social Benefits 217.66
Conservation District aids 372.40
Refunds 5.00
Miscellaneous 86.42
Land Levee Rental 387.00
Nursery 213.05
Teachers Scholarships 234.00

Total Disbursements $1,146.16

BALANCE of CASH AVAILABLE $186.43

Mr and Mrs Jack Billings
Mrs Richard Osborn called on
Mrs Edward Cusack has been
Harvey Allen came to shovel
Mrs Mamie O’Connell

Hubbardston

Mme Mamie O’Connell

District Cooperators
Conservation Plans
Conservation Plans Requested
Soil Survey (acres) 32,652
Cons. Cropping System (acres) 4,342
Crop Rotation Management
Ditch Bank Seeding (feet) 6,526
Minimum Tillage (acres) 1,394
Grass Waterway (acres) 1.7
Land Seeding (acres) 119 3,891
Tire Drains (feet) 133,907 10,286,402
Open and Field Ditches (feet) 9,070 402
Grade Stabilization Structures 1 125
Pond Pans 16
Field Windbreaks (feet) 8,500 148,790
Hedgerow Planting (feet) 2,900 106,240
Tree Planting (acres) 72 742
Woodland Management (acres) 150 1,466
Wildlife Habitat Management

Miscellaneous (acres) 281 2,066
Cropland to grassland (acres) 549 1,006
Cropland to Woodland (acres) 122
Cropland to Wildlife-Rec. (acres) 18
Reconversion to Wildlife-Rec. (acres) 38

The above figures (total to date) include the land treatment
in the Clinton - Watkins Watershed, i.e. 3,010 feet of open and
field ditches; 10,616 feet of the drains; 392 acres of crop
management; 176 acres minimum tillage for the co­
operators in the watershed. Not included in the above are im­
provements using P.L.566 (small watershed act). Completed in
1968 were 17 acres of brush control; 33 acres of critical area
planting, 1,709 feet of diversion constructed; 68 grade sta­
bilization structures; 33 acres of matching for ditch back seeding;
$3,215 of foot of channel improvement; $15 of tile outlet
and drain to the new channel.

Also, in addition to the above projects, Elwin Eckrow,
conservation forester, gave woodland management assistance
to several farmers, marking trees for harvesting or cutting,
supervising on tree planting sites and varieties, and invited and
even used to the cornfield.

Technical assistance was given to 275 farmers who cooperated
with the agricultural conservation program, which is admin­
istered by the ARS office in St. Johns. Eleven posting agreements
and drainage groups were indentified with a total of 28 acres
in the groups. This assistance included site selection, layout,
supervision of installation and certification of conservation
practices. Participation is voluntary, and all farmers are eligible
to take part.

Our accomplishments were made possible by the combined
efforts of the cooperating land owners, the directors of the
Clinton Soil Conservation District, the technical staff provided
by the U. S. Soil Conservation Service and other cooperating
agencies.

Sincerely submitted,
LLOYD B. CAMPBELL
District Conservationist

Continued from Page 18C

It is urgent that we do this
because our failure to do so
will delay one minute in doing
would leave us open to bitter
which we have in such great
abundance.

Natural Resources Is taking a
leading role in seeing to it that
conservation programs. N o w,
farm land and some good timber.
of streams, 11,000 natural lakes,
miles of shoreline, 30,000 miles
can match Michigan's 3,000
throughout the world?

Lawrence Sorenson
Dr. Keare Lovoll, M.D.
Theo Mroeczka
Henry Soave
Donald J. Richards
Glenn Pearson
Eric Peterson
Dr. Dean R. Olson, M.D.
Gaylord Crowell
William W. Otis
G. R. Walt
Clayton E. Kokx
Stuart Hardenburg
Glenn Schurman
Jack Walker 69
Clair Everhardt 7
Gaylon Crowell
J. M. Simmons 74
Richard D. Simmons
William W. Otis
William R. Butler 69
G. L. Clawson 5
G. E. Wolf 115
Dr. Dennis R. Glenn, M.D.
Marvis Johnson 235
William W. Otis 39
Harold Haddix 289
Robert Bels 110
Gaylord Crowell 65
GERMAN

EDWARD GOODMAN 202
OLIVE

Denny W. Bass 6
Anthony J. Schroeder 33
Don Niles 119
Glen Pearson 140
Carl L. Bush 400
Eric Peterson 22
William Amberger 110
Lewis Pearson 100

VICTOR

Donald H. Richards 65
Harvey S. Pont 93
Richard D. Simmons 27
Arthur H. Wath 95
Ward Smith 65
Jack L. Weil 12
Theo Amrein 410

WATERTOWN

Harry W. Klein 143
Ivan Page 18
Thomas Knudtson 178
Dr. Kreslie Lovoll, M.D. 100
Harriette Crewey 20
Lawrence Sorenson 63

rare specimens of the Clinton Soil Conservation District for their significant con­
trations in the nation’s conservation picture.

The serious problem of erosion and silt
often effect the activities, health and play
areas of the younger generation. Here
little girls wonder "What happened?"
Dedicated

Soil Conservation of America is dedicated and pledges its energies and facilities to the promotion and advancement of renewable natural resources conservation to the end that water, soil, grass, forests and wildlife, in abundance, may be used and enjoyed by mankind forever.

"Good, permanently productive land is the basis of our wealth, our health, our happiness, and our peace—here and abroad."—Dr. Hugh H. Bennett.

The SCD and SCS partnership programs

By DALE BALL

Michigan Department of Agriculture and Chairman, State Soil Conservation Committee

The Michigan Department of Agriculture, through its State Soil Conservation Districts, and the State Soil Conservation Committee, continues its thirty-seven year old tradition of working with farmers in Michigan to conserve their land for present and future generations. The Michigan State Soil Conservation Committee is composed of seven members: four are district directors appointed to the committee by the governors of their districts. They are the Director, Michigan Department of Agriculture; Director, Michigan Department of Conservation and the Dean of Agriculture and Natural Resources, Michigan State University. Representatives from the Michigan Agriculture Council of Districts, U. S. Soil Conservation Service, Agricultural Stabilization and Conservation Committee, State Water Resources Commission, and Michigan Conservation Education Service regularly meet with the committee as advisors.

The committee makes state appropriations for district programs. About $100,000 is distributed to 83 districts for administrative expenses and to help districts establish full-time or part-time aides. In turn, districts may receive matching money and provide the committee with an approved annual audit of receipts and expenditures.

The committee administers a district appropriation for state programs. About $100,000 is distributed to 83 districts for administrative expenses and to help districts establish full-time or part-time aides. In turn, districts may receive matching money and provide the committee with an approved annual audit of receipts and expenditures.

The committee regularly sponsors many activities such as regional meetings, workshops, newsletters and general meetings for district directors so they may better serve people in a more efficient manner.

Another responsibility of the State Soil Conservation Committee is to serve as a liaison authority or information exchange among the State Soil Conservation Committees. The committee is soliciting the advice of the governor and the Department of Conservation or Conservation District of Michigan on matters of policy or action. It is the belief of the committee that about 40 such applications have been approved for federal watershed assistance.

These are illustrations that soil and water conservation programs are partnership efforts between federal, state and local communities. By working together, we can continue to properly manage and use these basic resources on a sustained basis.

The Soil Conservation Service (SCS) maintains a list of contractors in this part of the state that have been approved for federal assistance. Your local Soil Conservation District provides you with a list of contractors in your area. These contractors are good guides. The Association promotes improved means for contracting work and better land use practices.

The Michigan Department of Agriculture and the Michigan Conservation Districts maintain a list of contractors in this part of Michigan who have done previous jobs involving soil conservation. The list can be seen at the SCD office at 517 W. Ottawa, St. Johns, Michigan.

Perhaps the best advertisement of an outstanding conservation contractor is the quality of the previous job. Ask your neighbors and friends for names of people who have worked on their conservation work. Their satisfaction is his best recommendation.

Help - for finding good contractors

By PAUL ROTH

Assistant State Conservation Engineer, U. S. Soil Conservation Service

Whether it's a pond, a waterway or a tile system, the careful choice of a good conservation contractor is like having money in the bank—it's an economic investment for the future. Even though his hourly rate may be a little higher, an experienced conservation contractor can provide a top quality job that will not only fulfill its purpose, but also protect your soil and water resources.

The conservation contractor is expected to do the job right; to follow SCS suggestions for reducing erosion and to keep an eye on the job to protect your land and water resources.

An able contractor runs a highly efficient operation. He saves his clients money by using the equipment best suited for the job with efficiency and precision. He is completely experienced in the use of all the equipment, and in the art of surveying and figure grading. He usually works in a number of communities, and in the process of his work he can be a great asset to his community. He is usually a valuable helper in the community, and can be of service in helping to get jobs done.

In addition, he is also a good community man. He will not wait to see if he will be needed or will he wait to be needed. He will take his job in the community and see that it is carried out properly. He will see that the work is done as quickly as possible.

Soil Conservation Sidelights

"The wealth and strength of a country is its agriculture, and the best part of the population is independent farmers. Independent farmers are everywhere the best part of the population, and are the true friends of liberty."—Andrew Jackson.

"Good food grown on good soil, properly prepared, will do more than all medicines in the world to make life longer and happier for the average citizen."—Jonathan Foreman, M.D.

"I know of no pursuit in which more real and important service can be rendered to any country than by improving its agriculture."—George Washington.

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"I know of no pursuit in which more real and important service can be rendered to any country than by improving its agriculture."—George Washington.
You can have better fishing from your pond

By ORVILLE BEACHLER
Soil Conservation Technician

Do you have trouble getting the fish in your pond to bite? Quite a few farmers in Clinton County seem to have this problem this summer. Here are a few tips about improving the habitat of summer. Here are a few tips and fisherman.

So do walleyes. Typical farm patch of cattails and weeds and stems in the shallow areas, a fish haven. A Wisconsin pond ponds have none of these. Sunken logs or brush make good fish havens. A Wisconsin pond owner sunk an open square of brush in his lake, weighted it with a willow cutting into the bare bank. Soon you will have a spread of tree limbs along the shore. The bug made an excellent listening food; the fish grew fast. The bugs made them more susceptible. The bugs made them more susceptible, too. Drop a minnow down alongside that live minnow down alongside that wire that will give the big ones a physical welfare of the people and development projects now underway are speeding up regional resource conservation work and helping to develop resources potential that will improve the social, economic and physical welfare of the people in project areas and ultimately in the nation.

Looking ahead, our society is requiring more and more about planning in project areas and ultimately in the nation.

The Federal Water Resources Council in the nation's first national water assessments—predicts that water needs in the nation will increase five-fold in the next 50 years. In this conclusion, the council recommended increased emphasis on management and development of agricultural and other water-related lands to protect streams and water supply under inflation and cited the need for more attention to planning in areas subject to water reuse and development.

The failure of our resources, the quality of our environment, will be readied by the answers to some questions: What is a nation, and local people within their own communities, must answer.

"The most valuable resource of this Nation is the soil. Gold is more spectacular; iron has two generations made men farmers; copper has opened up greater possibilities of advancing techniques. But, it is the soil which produces the lasting and essential wealth of the Nation."—Brinser and Shepard, in "Our Use of the Land."

Plan to plant this spring—to replace our dead elms.

New Clinton SCD cooperators during 1968

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Don't take natural assets for granted

Complained about 25,000 people are served by additional water supplies from watershed projects reservoirs.

The 51 resource conservation and development projects now underway are speeding up regional resource conservation work and helping to develop resources potential that will improve the social, economic and physical welfare of the people in project areas and ultimately in the nation.

Looking ahead, our society is requiring more and more about planning in project areas and ultimately in the nation.

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Plan to plant this spring—to replace our dead elms.

Farmers Petroleum

Tank Wagon Service Now Available
For Diesel Fuel, Fuel Oil & Gasoline

At Our New Facility in St. Johns We Carry In Stock: Tires, Batteries & Related Accessories!

FARMERS PETROLEUM
Phone 224-7900
MAPPING ACREAGE UP TO 250,000

By SHELDON HOLCOMB
U.S. Soil Conservation Service

There are over 100 different kinds of soil in Clinton County. Individual soils may be sandy and loamy, others clayey and sticky. Some are nearly level and loose; others clayey and sticky. Some are nearly level and loose; others clayey and sticky. Similar soil areas are plotted on aerial photographs and given the same name. Names help one to remember the different kinds of soil much like the names of different kinds of soil in Clinton County. Work was in progress in all of the townships that have a completed survey of the county.

Detailed soil surveys have now been completed on 200,000 acres in Clinton County. Work was in progress in all townships of the county. Work was in progress in all townships of the county.

Similar soil areas are plotted on the same name. Names help one to remember the different kinds of soil much like the names of different kinds of soil in Clinton County.

Agricultural Lime Is Vital for Legume Crops That Will Help Control Water Loss and Soil Erosion

Proper Limbing Giving You Full Utilization of Your Fertilizers and Natural Soil Nutrients...

This...

INCREASES YIELDS IN CROPS

NOT CONSIDERED LIME HUNGRY

Agricultural Lime Is Vital for Legume Crops That Will Help Control Water Loss and Soil Erosion

Don't put it off—put it on...

High Calcium Agricultural Limestone!

Call Us Collect About Your Liming Problems - 616-763-9541

CHENEY LIMESTONE CO.

P. O. Box 6

BELLEVUE

Wednesday, January 29, 1969

You'll Be Amazed

at the work you can do with a new

INTERNATIONAL TRACTOR
to do the BEST farming job

used

*FARMALL TRACTORS & MCCORMICK FARM MACHINES
*INTERNATIONAL MOTOR TRUCKS
*HOMELITE CHAIN SAW PARTS & EXPERT SERVICE

WE CONGRATULATE CLINTON FARMERS for an excellent job in conserving the soil.
The quality of our environment is now a priority. There is lots of work to be done. The time for action is now.

The soil conservation districts in Michigan and the U.S. Soil Conservation Service have long been working to conserve the wise and careful use of natural resources. This people use of all resources is a problem of both the urban and rural segments of our society.

The Soil Conservation Service has technical assistance programs and conservation measures to meet the needs of all land users. Resource problems within the cities are as critical as those in the rural areas. Urban planners are growing and expanding their efforts to control sprawl, creating excessive erosion problems where lands of previous agricultural use are being converted to non-agricultural uses.

The Soil Conservation Service works closely with landowners to select the proper use for a particular piece of land. Urban planners are growing and expanding their efforts to control sprawl, creating excessive erosion problems where lands of previous agricultural use are being converted to non-agricultural uses.

"God has lent us the earth for our life. It is a great estate. It belongs to us as those who are to come after us as to we. We have no right to anything we do or neglect, to involve them in any unnecessary penalties, or to deprive them of the benefit which was in our share as our descendants."

The Soil Conservation Service provides the technical knowledge to help farmers adapt suitable lands to appropriate recreation uses. Land users want more wildlife on their lands. The Soil Conservation Service provides the technical knowledge to help farmers adapt suitable lands to appropriate recreation uses. Land users want more wildlife on their lands.

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*God has lent us the earth for our life. It is a great estate. It belongs to us as those who are to come after us as to we. We have no right to anything we do or neglect, to involve them in any unnecessary penalties, or to deprive them of the benefit which was in our share as our descendants."

The Soil Conservation Service is happy to be associated with the important work being carried out by the Michigan Soil Conservation District, their directors and cooperators. Your program is one of action—action in the area being developed for housing or industry. Studies have shown that land undergoing development produces as much as 200 times the sediment lost that is produced on farmland.

It costs as little as three to five cents per cubic yard to control erosion, but it costs nearly $2 a yard to remove it from the water once it is there. A proper combination of conservation practices applied to landscaping, agricultural, industrial, urban, recreational, or educational uses can reduce the sediment accumulation up to 90 per cent. The demand for recreational land has sky rocketed in recent years. The Soil Conservation Service can furnish guidelines on the conservation practices needed to help owners adapt suitable lands to appropriate recreation uses. Land users want more wildlife on their lands. The Soil Conservation Service provides the technical knowledge to help farmers adapt suitable lands to appropriate recreation uses. Land users want more wildlife on their lands.

The Soil Conservation Service has helped get conservation applied on the land. Soil survey information, which at one time was used primarily for determining the capacity of agricultural land, is now being used by more and more people to locate sites for industrial and residential sites, to evaluate soil and land conditions for highways, for pipelines, and for airports. Every day more and more people are using soil survey information to solve their conservation problems. The information is also used to select sites for open space recreation areas and lakes, and as a basis for health regulations for zoning and building codes.

The Soil Conservation Service is happy to be associated with the important work being carried out by the Michigan Soil Conservation District, their directors and cooperators. Your program is one of action—action in improving the environment in which we live.

CONGRATULATIONS to the Clinton County Soil Conservation District
Depleted, eroded soil can be a signpost of trouble ahead. Tested techniques of soil conservation point the way to continued productivity for your farm land.

Conserve, maintain and improve your soil with contour plowing, for sloping land; drainage, for wet land; and crop rotation, to prevent soil depletion.

Remember, what you do for your land today does more for your prosperity and that of this community...now and in the future.

CONSERVATION HIGHWAY

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