

The Lowell Ledger and Alto Solo

Published every Thursday morning at 210 East Main Street, Lowell, Michigan. Entered at Postoffice at Lowell, Michigan, as Second Class Matter.

R. G. JEFFERIES, Editor and Publisher. Member Michigan Press Association. Member National Editorial Association.

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The Lowell Ledger, established June, 1893; The Alto Solo, established January, 1904. Consolidated Jan. 1917.

A SOUND DOCTRINE. Every governmental official or board that handles public money should publish at regular intervals an accounting of it, showing where and how each dollar is spent. We hold this to be a fundamental principle of domestic government.

FOR BETTER HEALTH BY DR. J. ROSSLYN EARP

Director, New Mexico Bureau of Public Health

What, then, are the essentials of good health? First I should put nowadays that bodily health depends on two essential elements—nutrition and exercise. This important organ is described as a "principles" and says that it was early recognized by the British Broadcasting Corporation. So much the worse for the British radio public.

Children In Court

Those interested in preventing juvenile crime are alarmed to note that during the past four years our churches have declined 30 per cent, while the sale of whisky has increased 200 per cent. During the same period general benevolence declined 29 per cent, while the sale of beer increased 317 per cent.

FARMING IT... BY WILLARD BOLTE

To make a cooling moth "thermometer" fill a mason jar half full of a fermented mixture of 1 part molasses to 15 parts water. Hang a number of these jars on pulleys through your apple orchard—when the blossoms have about finished falling—inspect them at regular intervals for drowned codling moths—and you will be able to tell just the right time to spray.

But It's True!

When a hold-up victim painted a picture of the robber, the robber was so frightened that he ran away. When a hold-up victim painted a picture of the robber, the robber was so frightened that he ran away.

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Sayings by Other Editors

JUST PLAIN IDIOTS? An Associated Press news dispatch from Lansing a few days ago declared that 700,854 bushels of the best grade of potatoes raised in Michigan during the past summer will be graded or fed to livestock. This, it is reported, is in keeping with the "government crop control" program. State Agriculture Commissioner John E. Strange said his department had requested federal assistance, and that the government will pay to potato growers \$107,000 and take away from hungry men, women and children of Michigan nearly three fourths million bushels of potatoes. This price is about 17 cents per bushel, not seed and planting.

When Is A Mistake Not A Mistake?

This is one of the last pictures taken of the U. S. Gunboat Panay (pro-bombed and machine-gunned by Japanese planes and land forces) before she disappeared beneath the waters of the Yangtze River. The Panay was firing United States colors when she was struck by a "mistaken identity" shot.

Reviewing 1937

Advertisement for 1937 cars including Chevrolet Town Sedan, Pontiac Coach, Plymouth Sedan, and Chevrolet Truck. Includes a list of dealers and contact information.

Got the Kaiser's Ashtray, But Not the Kaiser

Last summer, being sure that Miss Mattie was away from home, Miss Addie went in through the rear gate and picked the fruit. The jam in the jar before her, which she had taken down from the shelf for her supper that cold New Year's eve was from that fruit. The jar had held candied ginger in Miss Addie's childhood and she recalled that she and Mattie had picked gooseberries from a bush which grew near the place where the bush which had caused so much trouble now grew.

HAPPY NEW YEAR TO ALL!



Spring Hill-East Ada Mrs. Earl Vossburg. Mr. and Mrs. Adrian Morley and family were Christmas day dinner guests of Mr. and Mrs. Jake Morley.

Whiteville

Mr. and Mrs. Jerald Raab spent Christmas day at the home of Mr. Raab's parents in Caledonia. Sunday Mr. and Mrs. Jerald Raab were dinner guests at the Carl Graham home, celebrating Mr. and Mrs. Carl Graham's 25th wedding anniversary.

South Bowne

Mr. and Mrs. W. H. Rutherford left Monday, Dec. 27, to spend the winter. Mrs. Theresa Howard is still confined to her bed and her many friends send their best wishes for her quick recovery.

Reviewing 1937

Advertisement for 1937 cars including Chevrolet Town Sedan, Pontiac Coach, Plymouth Sedan, and Chevrolet Truck. Includes a list of dealers and contact information.

This and That From Around the Old Town

Miss Dora Bangs is spending the week in Detroit with relatives. Edgar Harrison of Kent City was a Sunday guest of his uncle, Frank McTavish.

Season's Greetings

Miss Arlene Keith of Grand Rapids is spending a few days this week at the home of Mr. and Mrs. P. J. MacFarlane. Mrs. Yvonne Ashley of Flint spent Christmas and the remainder of the week-end with her family here.

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Lowell Items of 25, 30 and 35 Years Ago

January 3, 1913-35 Years Ago. Arthur F. Frazer, superintendent of the Lowell schools, and Miss Lillian Brewster were united in marriage at the home of the bride's parents in that city.

W. A. ROTH Furniture

Funeral Director and Ambulance Service. Phone: Store 55. Residence 330. January 1, 1903-35 Years Ago. The home of Mr. and Mrs. A. M. Burns was the scene of a pretty wedding when their daughter, Mrs. Martha Thompson, was united in marriage to Dr. Frank E. White.

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Advertisement for 'The Lowell Ledger and Employees' featuring 'RAY COVERT' plumbing and sheet metal work.

ALTO DEPARTMENT

There will be a watch night service at the Alto Baptist church on Friday evening, beginning at 8:30.

Also M. E. Church Notes
Thirty carolers from the church were abroad on Christmas eve, singing the old songs of Christmas.

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ICEBERG HEAD LETTUCE CRISP AND SOLID LARGE 60 HEADS ONLY \$1.00

with the purchase at regular price of either 1 Qt. Embassy Salad Dressing 31c or 1 Qt. Country Club Salad Dressing 35c

LIGHT - FLUFFY PAN ROLLS doz. 5c GLOUCE SANDWICH BREAD 12c CRISP BUTTER Ritz Crackers box 21c

MARY LOU - TASTY, ZESTFUL FLAVOR DILL PICKLES 2 quart 25c MARY LOU SWEET PICKLE SLICES 18 oz. jar 17c

FRESH MICHIGAN MAID BUTTER 2 lb. roll 71c P & G 10 GIANT 39c IVORY SOAP 2 large 19c

BUILD YOUR SET THE EASY KROGER WAY Beautiful \$2.00 Value Lady Davis SILVERWARE Only 65c

West Lowell Mrs. Melvin Court Mrs. Gabe Olson and Elzy Olson spent Christmas at the home of Mrs. Melvin Court.

GIVE AN Ingersoll watch for pocket, wrist or every member of the family - watches for pocket, wrist or every member of the family - watches for pocket, wrist or every member of the family.

LOWELL CREAMERY You owe it to your children and to yourself to drink only Pure Pasteurized Milk We have taken every precaution to assure you of good health.

Major changes in Michigan's 1938 fish laws include reduction of the age limit for having a license to fish from 18 to 17 years.

County clerks were called to Lansing a few days ago by Secretary of State James E. Thompson to discuss the details of a new primary election law.

State's Farm Income Up 14 Percent Cash income from Michigan crops and livestock for the calendar year 1937 is estimated to total \$169,000,000.

There will be at least one sure way to save money - and that will be by making your out-of-town trips by bus.

Sightless, They Feel the Heat The city of St. Johns is debating whether to install a new fire alarm system.

N. C. THOMAS Auction Sales Thursday, Jan. 00 - William Brooker, 4 1/2 miles north of Caledonia, will auction a fine collection of 1938 Buick sedans.

1938 Buick Sedans 1938 Buick Sedans 1938 Buick Sedans 1938 Buick Sedans 1938 Buick Sedans

So Keene-N. Boston Mr. and Mrs. Ed. Potter Happy New Year to everyone, the Keene family.

Many News Letters Arrived Too Late Many news letters from Lederger correspondents arrived too late for insertion in this issue.

Want Ads. Arrived Too Late Many news letters from Lederger correspondents arrived too late for insertion in this issue.

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1938 NATIONALLY KNOWN AND POPULAR BRAND FOODS At Consistent Savings Every Day in the Year.

COOKIES The kind you like to eat and eat - Varieties to please the whole family.

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PUBLIC NOTICES

NOTICE OF MORTGAGE SALE
Defaults having occurred by reason of the nonpayment of principal and interest...

NOTICE OF MORTGAGE SALE
Defaults having been made for more than ninety days in the condition of a certain mortgage...

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Council Proceedings

VILLAGE OF LOWELL
Official
The meeting was called to order by President Anshart at 8:15 p.m.

Lowell Light & Power
F. J. McMahon, president, reported that the meeting of the Board of Directors...

Water Works
Julius Bauer, president, reported that the meeting of the Board of Directors...

City Hall
W. P. A.
P. P. MacParsons, president, reported that the meeting of the Board of Directors...

General
L. E. Johnson, president, reported that the meeting of the Board of Directors...

Physician H. OATLEY
Office over C. Thomas Store
Office hours: 9 to 12 and 1 to 5

DR. R. T. LUSTIG
OSTROPTORF
Physician and Surgeon
Special Attention to Rectal Diseases



HELEN WATERMAN

EVERYONE will be at the New Year's party but you promised to take me. "I know, daughter, her father responded, "but not in such a manner..."

They stumbled on together, fresh in their way. And she strained to make out the edge of the road. Her father also had been having trouble...

"Of course, father," Ruth felt relieved. The car wobbled under the brake jammed. The soft snow settled down onto the two front wheels...

Following the road proved quite a task. They stumbled on together, feeling their way, and at last the welcome lights of home showed through the right direction.

Fetch On 1938
An ornamental gift box of tea is considered an appropriate gift among the Chinese on their New Year's.

Train Schedules
The time given below is East iron standard time. Please see the schedule for more details.

Don't Be Citizen

The regular meeting of the Common Council of the village of Lowell was held in the City hall Council room Monday evening, Dec. 19, 1937.

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Your Advertising

REMEMBER, the success of your sale depends upon a large number of active bidders. The surest and most economical way of obtaining this result is through the use of the large circulation of the Lowell Ledger.

Two New Years Organizers
LUCILLE LYONS
The Lowell Ledger reaches practically all of the farm homes in the eastern half of Kent county, with large coverage in Western Ionia county.

List Your Items Here and Bring It to The Ledger Office
Having (Here state whether you have decided to quit farming, have rented or sold your farm)

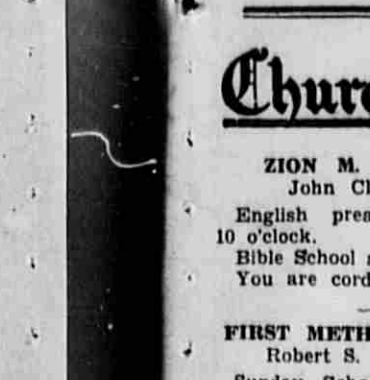
I WILL SELL AT PUBLIC AUCTION AT THE PLACE
(Here state whether you have decided to quit farming, have rented or sold your farm)

HORSES IMPLEMENTS AND TOOLS
ON (Here give day of sale and date of month)

CATTLE
CATHOLIC PARISHES
ALASKA BAPTIST CHURCH
WHITNEYVILLE AND SPOR

SEVENTH DAY ADVENTIST
HOUSEHOLD GOODS
SHEEP, HOGS, POULTRY

TERMS OF SALE—All sums of \$100.00 and under, cash. Over that amount... LUNCH AT NOON (yes or no)
Lowell Center
Auctioneer. Clerk



Church News

ZION M. E. CHURCH
John Claus, Pastor
English preaching Sunday at 10 o'clock.

FIRST METHODIST CHURCH
Robert C. Gertz, Pastor
10:00 a. m.—Bible School Classes for all ages.

UNITED BRETHREN CHURCH
P. W. King, Pastor
Lake Odessa, Mich.
10:30 a. m.—Sunday School.

FIRST CONGREGATIONAL CH.
L. C. Dorr, Pastor
Sunday School—10:30 a. m.
Church Services—11:00 a. m.

ALTO AND BOWNE CENTER
M. E. CHURCHES
Alto Parsonage, Phone 50
Worship Service—11:00 a. m.

ALTO BAPTIST CHURCH
W. B. Gardner, Pastor
Bible School at 10:00 a. m.
Prayer meeting every Thursday evening.

CHRISTIAN SCIENCE SOCIETY
Morning service every Sunday 11:00 a. m.
Sunday School at 11 o'clock.



Church News

Rev. Robert Warland from Owosso as evangelist and Russell and Leona Metcalfe as our special singers.

UNITED BRETHREN CHURCH
P. W. King, Pastor
Lake Odessa, Mich.
10:30 a. m.—Sunday School.

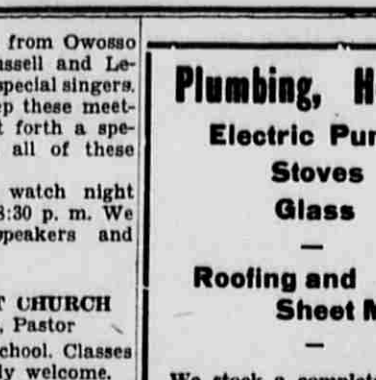
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ADVERTISE THE LEDGER WAY
HUNDREDS OF SUCCESSFUL SALES CAN BE TRACED TO LEDGER ADS.



Plumbing, Heating

Electric Pumps
Sloves Glass
Roofing and Sheet Metal
We stock a complete line of Plumbing Supplies and maintain a Modern Tin Shop.

Good Short Story
A Matter of Preference
By DOROTHY N. RILEY
JOHN OLCOFF's parents had his wife all selected for him when Johnny was eighteen.

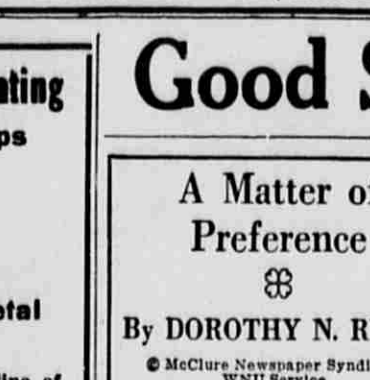
Ready for 1938
New Year's at White House
Completed during our first President's lifetime, the John Adams was the first presidential family to occupy the White House.

ADA COMMUNITY REFORMED CHURCH
Rev. Elmer A. Anderson, Pastor
You are invited to come every Sunday at 10:00 a. m. and 7:30 p. m.

ADA CONGREGATIONAL CH.
Sunday School at 10:00 a. m.
New Nells Smith, Superintendent
Christian Endeavor at 8:45 p. m.

ALASKA BAPTIST CHURCH
Sunday School at 9:30 a. m.
Classes for all.
Prayer services at 10:30.

WHITNEYVILLE AND SPOR
Public Worship service each Sunday at 10:00 a. m.
Prayer services at 7:30.



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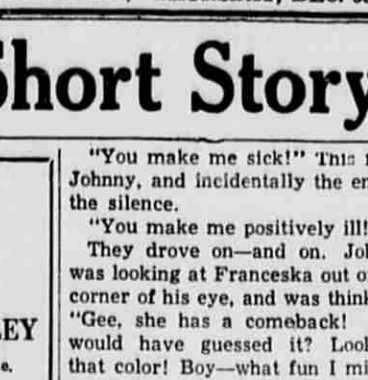
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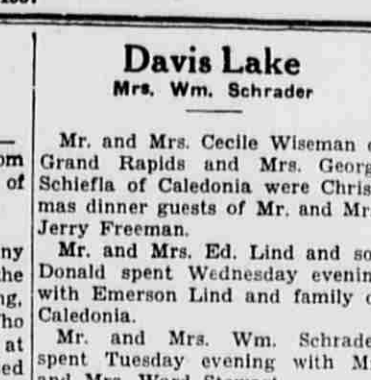
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ADA COMMUNITY REFORMED CHURCH
Rev. Elmer A. Anderson, Pastor
You are invited to come every Sunday at 10:00 a. m. and 7:30 p. m.

ADA CONGREGATIONAL CH.
Sunday School at 10:00 a. m.
New Nells Smith, Superintendent
Christian Endeavor at 8:45 p. m.

ALASKA BAPTIST CHURCH
Sunday School at 9:30 a. m.
Classes for all.
Prayer services at 10:30.

WHITNEYVILLE AND SPOR
Public Worship service each Sunday at 10:00 a. m.
Prayer services at 7:30.

ADVERTISE THE LEDGER WAY
HUNDREDS OF SUCCESSFUL SALES CAN BE TRACED TO LEDGER ADS.



Good Short Story

Good Short Story
A Matter of Preference
By DOROTHY N. RILEY
JOHN OLCOFF's parents had his wife all selected for him when Johnny was eighteen.

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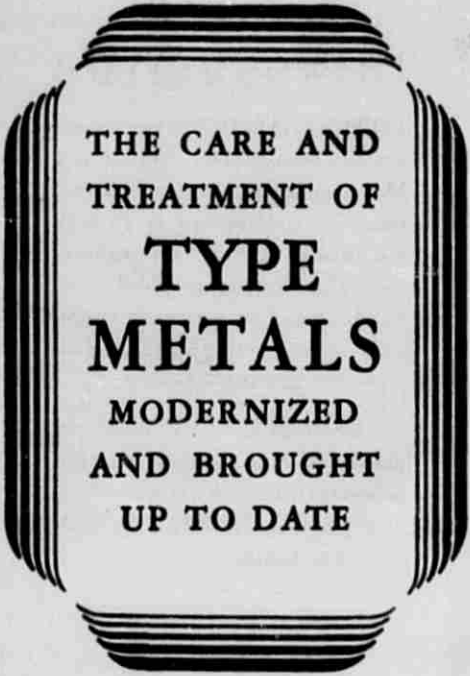
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THE CARE AND
TREATMENT OF
TYPE
METALS
MODERNIZED
AND BROUGHT
UP TO DATE

Cur Curtis

INTRODUCTION

FEDERATED PROCESS type metals are the product of Chemical and Metallurgical Engineering skill and ingenuity concentrated to produce the finest in all type metal performance. These metals are well-balanced, free-flowing alloys warranted to produce sound, dense-grained durable type with hairline sharpness.

But inasmuch as no type metal can possibly be made foolproof, why not protect the heritage that is yours whenever you buy FEDERATED PROCESS type metals.

Causes of TYPE METAL DEPRECIATION

The inclusion of brass rules, matrices, zinc etchings, electrotypes, copper half-tones, copper spaces, hard foundry type, electrotype trimmings, also metal foil from candy bar, chewing gum and cigarette packages, in any pot of metal—especially when remelting and “pigging” for further use—will most assuredly contaminate, and sometimes utterly ruin, the finest of type metals.

Overheating for any length of time—removing dross before the metal underneath has been properly heated and stirred—unnecessary violent stirring—undue splashing and agitation of molten metal when introducing additional tail pieces, plates, pigs or metal out of containers, etc.—ALL CAUSE EXCESSIVE DROSSING which takes its inevitable toll in excess TIN and definitely contribute to TYPE METAL DEPRECIATION.

PREVENTING TROUBLE

When breaking up composition and standing forms ALWAYS sort the metal carefully and REMOVE ALL the contaminating metals mentioned in “Causes of Type Metal De-

preciation” so that they will not find their way into your melting pot. These contaminating inclusions will be absorbed to a greater or less extent by the molten type metal, and that means plenty of annoyances—possibly serious trouble—not only in casting operations but also in defective type reaching the Pressroom!

REMOVING DROSS

BEFORE removing any dross from a pot of type metal it is important to bring the temperature of the molten metal for all processing and cleaning-up operations in the melting pot, to between 590° to 625° F. for Linotype, and Intertype; 650° to 700° F. for Stereotype and 725° to 775° F. for Monotype. (These are not casting temperatures.)

Stir the metal thoroughly—BUT WITHOUT VIOLENCE—passing the stirring “rod” (a long-handled “skimmer” makes a very efficient stirring “rod”) constantly from center-front straight on down to the very bottom and then on up to the top surface of the molten metal. Continue stirring in this manner for about half a minute—this insures UNIFORM COMPOSITION AND TEMPERATURE THROUGHOUT.

“DRYING” UP THE DROSS

NOW USE A SMALL QUANTITY OF FEDERATED SAVEMET DROSS REDUCER in accordance with directions on the container. SAVEMET releases a noticeable amount of good service metal which otherwise remains tangled up in the dross and thus finds its way into the dross drum.

In other words, the use of SAVEMET changes dross from a heavy mixture of metal-and-dross (more correctly known as a rich “skimming”) to a lightweight “dry” powder. This materially reduces the weight of the dross.

CLEANING UP SERVICE METAL

Now, to clean up your daily service metal use Federated TYPE METAL PURIFIER CARTRIDGES and Immersor Tool. In large shops treat every day or two; in average shops, every 4 to 6 days, as follows:

1. Insert one or two FEDERATED Type Metal Purifier Cartridges in chamber of the Immersor. Note: One cartridge will clean metal in small or medium pots; for large pots, use two cartridges. Warm FEDERATED Immersor to prevent “spitting”.

2. Slowly push the filled cartridge chamber of the Immersor to bottom of pot and hold it there. Whenever possible, use adjustable clamp on the Immersor to hold it securely in place during the purifying process.
3. Hold Immersor in place until boiling (cleaning) action ceases, then remove.
4. Carefully skim and place the "dry" dross in a FEDERATED Dross Drum for convenient shipment to the nearest Federated Refinery.

ARRESTING DETERIORATION

Right here—immediately after cleaning up and while the molten service metal is still about 50° to 75° F. above normal casting temperature—introduce Federated MOR-TIN metal...the adjusting alloy that rejuvenates and checks the inevitable deterioration which otherwise results from drossing of service metal. The operation is quite simple, viz:

FOR EVERY POUND OF DROSS that you produce in melting, casting and metal cleaning operations, ADD ONE POUND OF MOR-TIN metal and stir thoroughly (but without violence) for about five minutes. Allow metal to cool to normal casting temperature. Stir for half a minute and remove dross.



GENERAL REMARKS

QUICK COOLING of type metal after pouring into any bar or pig molds, definitely insures DENSER GRAIN structure and serves to make better type.

If at any time you encounter casting difficulties or annoying metal problems, send us a REPRESENTATIVE SAMPLE of your metal with a description of your difficulty.

There is genuine security, abiding satisfaction and real economy in placing your type metal and casting problems in the hands of Federated—the most advanced and highly developed organization of TYPE METAL SPECIALISTS in the United States!



GO "FEDERATED" ALL THE WAY WITH PATENTED PROCESS (*) TYPE METALS

LINOTYPE	NON-DISTRIBUTION
INTERTYPE	COMBINATION
LUDLOW	STEREOTYPE
ELROD	AUTOPLATE
TUBULAR	SPECIAL ALLOYS (for
FLAT PLATE	any requirement)
STANDARD MONOTYPE	MOR-TIN (correc-
OFFICIAL HARD MONOTYPE	tion) ALLOYS
THOMPSON TYPE CASTER	SPECIAL HARD
FOUNDRY TYPE METAL	METAL (for Lino-
ELECTROTYPE	type casting)

Also manufacturers of Copper Anodes
(*) Special PROCESS fully protected by U. S. patent

25 Reasons why

FEDERATED SERVICE EXCELS

Atlanta	Minneapolis
Baltimore	*Newark
*Beckemeyer	New York
Birmingham	*Perth Amboy
Boston	Philadelphia
*Chicago (Whiting)	*Pittsburgh
Cincinnati	Portland
Cleveland	Rochester
Dallas	*St. Louis
Denver	*San Francisco
*Detroit	Seattle
*Los Angeles	*Trenton
Milwaukee	

*Designates Plant, Office and Chemical Laboratory

FEDERATED METALS DIVISION
American Smelting and Refining Company
WHITING
INDIANA