

Pioneer Iron Company

Furnace Department.

SIDE LEDGER TRIAL BALANCE DECEMBER 31st., 1910

ACETIC ACID GENERAL EXPENSE		1060.72
Analysis	232.85	
Central Office Expense	827.87	

<u>MAINTENANCE</u>		1176.69
Buildings	73.40	
Tanks & Stills	443.45	
Conveyor	45.23	
Piping	253.82	
Machinery	234.71	
Cleaning Up	124.52	
Sewer	1.56	

<u>OPERATING:-</u>		34812.21
Superintendent	1350.00	
Machinery	58.46	
Stillmen	2108.26	
Handling Acetate	117.19	
Central Power Expense	556.33	
Electric Lamps & Wiring	96.63	
Removing Refuse	233.06	
Chemicals	81.95	
Sulphuric Acid	6055.59	
Acetate	19503.68	
Appreciation of Inventory	21.00	
Depreciation of Improvement	2700.00	
Packages	1670.08	
Loading	291.89	
Switching	10.09	

Pioneer Iron Company

Furnace Department.

Pioneer Iron Company

Furnace Department

SIDE LEDGER TRIAL BALANCE DECEMBER 31st., 1910

SPECIAL CHEMICAL PRODUCTS GENERAL EXP.

2245.24

Taxes	133.03
Analysis	890.87
Central Office Expense	1221.34

MAINTENANCE:-

851.37

Buildings	60.74
Tanks & Stills	154.27
Pumps	82.20
Electrolytic Cell	354.54
Piping	100.21
Machinery	99.41

OPERATING:-

50755.36

Chemist	4880.93
Machinery	70.61
Stillmen	1479.77
Central Power Expense	738.42
Electric Lamps & Wiring	80.36
Electrolytic Cell	9.17
Electric Power	271.52
Freight on Returned Goods	12.45
Chemicals	2118.05
Alcohol	32269.30
Acetate	41.72
Formaldehyde	1486.65
Acetone	1252.31
Acetone Oils	1095.99
Appreciation of Inventory	19.46
Improvement Account	1211.28
Packages	3377.81
Loading	372.43
Switching	6.05

Pioneer Iron Company

Furnace Department.

SIDE LEDGER TRIAL BALANCE DECEMBER 31st., 1910

REFINED TAR

GENERAL EXPENSE

28.34

Analysis	7.21
Central Office Expense	21.13

MAINTENANCE

327.83

Buildings	108.75
Tanks	16.59
Piping	198.37
Machinery	4.12

OPERATING

1270.32

Stillmen	59.40
Machinery	1.56
Coal	102.85
Electric Lamps & Wiring	7.64
Central Power Expense	5.76
Idle Expense	1041.95
Depreciation of Improvement	51.16

TAR PLANT IDLE EXPENSE

GENERAL EXPENSE

9.88

Analysis	3.06
Central Office Expense	6.82

MAINTENANCE:

732.59

Buildings	84.35
Tanks	311.82
Piping	233.50
Machinery	102.92

OPERATING:

299.48

Fuel	18.90
Electric Lamps & Wiring	24.78
Depreciation of Improvement	255.80

Made by H.P.J.
Signed by
Checked by C.W.S.
Comptrol by H.P.J.
Examined by C.W.S.



MEMORANDUM FOR THE RECORD

DATE: 10/15/54

TO: SAC, NEW YORK (100-100000)

FROM: SA [Name], NEW YORK (100-100000)

SUBJECT: [Subject Name]

1. [Text]

2. [Text]

3. [Text]

4. [Text]

5. [Text]

6. [Text]

7. [Text]

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16. [Text]

17. [Text]

18. [Text]

19. [Text]

20. [Text]

A N N U A L R E P O R T

LAND DEPARTMENT - NEGAUNEE, MICHIGAN.

FISCAL YEAR, 1910.

THE CLEVELAND-CLIFFS IRON COMPANY

IRON CLIFFS COMPANY

PIONEER IRON COMPANY

PIONEER & ARTIC IRON COMPANIES

CLEVELAND IRON MINING COMPANY

AMERICAN IRON MINING COMPANY

MICHIGAMME COMPANY

EXCELSIOR IRON COMPANY

THE MUNISING COMPANY

MUNISING RAILWAY COMPANY

BAY MILLS LAND & LUMBER CO.

JACKSON IRON COMPANY

RECEIVED

MAR 28 1911

Ask..... Ans.....

NEGAUNEE, MICHIGAN, March 23rd, 1911.

Mr. Wm. G. Mather, President,
Cleveland, Ohio.

Dear Sir:-

Herewith find ANNUAL REPORT of The Cleveland-Cliffs Iron Company, Land Department, and its subsidiary Companies for the fiscal year 1910.

Respectfully,

C. R. Townsend
Land Agent.

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LAND DEPARTMENT REPORT FOR THE FISCAL YEAR ENDING

DECEMBER 31, 1910.

The Land Department has under its care and supervision the lands of The Cleveland-Cliffs Iron Company, Iron Cliffs Company, Cleveland Iron Mining Company, Pioneer Iron Company, Excelsior Iron Company, American Iron Mining Company, Arctic Iron Company, The Munising Company, Munising Railway Company, Michigamme Company, Jackson Iron Company, and Bay Mills Land & Lumber Company. The work of this Department consists of the careful supervision of all Company lands to prevent trespasses of all kinds and destruction by forest fires; the locating and establishment of Woodworking Manufacturing plants tributary to Company railroads; the sale and leasing of farm lands to settlers; the sale and leasing of Lots in the various Villages and Cities; the collection of rents and all moneys from such sales and leases; studying the general conditions of our tenants, and encouraging improvements in various Cities, Townships and Villages in which the Companies are interested. The operating and maintenance of the Grand Island Forest Preserve and Improvements, Hotel Williams and Cottages, the Fish Hatchery, Alger County Farm, Greenhouses, Forestry Operations and the Saw Mill and its various branches are in charge of this Department. It is also our duty to look after land titles, taxes, and the operations conducted by various woodworking and other industries on our lands.

LANDS PURCHASED

Offerings of timbered lands were very few. No large tracts were offered and in cases of tracts of one thousand acres or more the prices asked ruled very high, usually from \$20.00 to \$30.00 per acre. Small scattering isolated descriptions are being closely held and generally speaking the timbered areas throughout the Upper Peninsula are controlled or owned by strong companies and sales will be fewer and at a higher stumpage value in the future. Occasionally a weak spot may develop when it would be advantageous to pick up the lands that are contiguous to the Company's present holdings, provided the stumpage prices and estimates are reasonable.

The quiet lumber market and corresponding dullness in forest products have not made the owners of small tracts ready to sell. The owners are fully aware of timber values that will rule at the time the lumber conditions improve and there seems to be a disposition to hold their lands awaiting developments.

The purchases for the fiscal year were mostly small tracts which were acquired for the purpose of rounding out present holdings, as it is our constant effort to acquire such lands to make solid groupings.

TIMBER SALES TO MANUFACTURERS

Northern Lumber Company

The entire capital stock has been disposed of and much of the floating indebtedness paid off. The Company does not seem to have made much progress financially, although its scattering obligations have been taken care of and there is less trouble from these sources.

Their timber operations are yearly getting further away from their mill and there is a corresponding increase in cost of raw material delivered at their plant, and the lumber market will have to improve considerably to admit the company paying back its stockholders.

Great Lakes Veneer Company

The plant has run but little during the year, chiefly on account of not having logs. Its inability to get same is due to lack of cash to pay for the material needed. Some improvements have been made in the plant in the installing of additional machinery and also electric motors to operate part of the mill as it is expected they will be more economical than burning coal.

Munising Paper Company

The Hemlock logs from The Munising Company and Lac La Belle lands, from which the Tannery people have peeled the bark, have been lumbered closely and there is very little of last year's peel that was not taken care of.

Brunswick-Balke-Collender Company - Lake Independence

Its operations are growing rapidly. A considerable quantity of material was purchased from the Lumbering Department. They state that for the year 1911

they will be short of Maple timber. These people will be in position to double their output and are in need of this extra product which they are desirous of getting.

Munising Tannery

The consumption of bark is between six and seven thousand cords per year. The plant is running along about eighty per cent. of its capacity, and with improved market conditions it is the intention of pushing it to the maximum, which will mean the employment of about twenty-five additional men and the consumption of from two to four thousand additional cords of bark per year.

General

The market for all forest products during the fiscal year has been very light and the prices in consequence extremely low. This is especially true with Pulpwood and Cedar. Hardwood logs have been in good demand and throughout the Munising district the prices paid have been above those for similar products in other localities.

WOODWORKING INDUSTRIES

With the hardwood timber nearly exhausted in the Lower Peninsula and but little left in Wisconsin to be purchased, several woodworking establishments in Michigan are casting about for permanent locations. The stumpage prices in the Lower Peninsula have practically reached the limit. The logging cost there is from \$2.00 to \$3.50 cheaper than in the Upper Peninsula, and with increased freight rates, higher wages and more difficult operating, and on account of the long cold seasons, efforts to locate them in the Upper Peninsula have not met with gratifying success. As soon as the wooden products of any factory approximate the cost of the same article made from metal or composition the market for such wooden products will become nil. Bearing this factor in mind we should perhaps look to the securing of these industries in a different light than in the past but still the adopted policy to get every cent from the forest products of the Company's lands must be adhered to. Such products should be transported in their raw state over our railroads and likewise after being manufactured. It is impossible to locate an industry that

has to pay the maximum cost at all times for its raw material, as in this event it has no possible chance to compete or put its products on the market on an equal basis with the plant which is able to get its material at a reduced price through operating its lands at the least possible cost.

SAW MILL PLANT - MUNISING

Saw Mill Proper

The Mill ran single shift continuously from April 21st to September 28th., being a period of five months. There were very few interruptions from breakdowns or other causes and the product was well manufactured. The short run was due to the inability to secure logs. There were but very few logs secured from the Company's operations, practically all the logs sawed being purchased from outside parties. In the purchase of a supply of logs from outside sources only, it is impossible to obtain the proper length for the successful operation of the Mill. The lumber market for short and customary lengths, from ten to sixteen feet, is at all times overstocked and it is necessary to have a proportion of eighteen to twenty-two feet lumber and building stuff to fully protect the lumber prices of the shorter lengths. It will be impossible to keep the plant going under the present existing conditions. The few logs that are offered for sale by outside parties within the Munising district can be sold for the highest market price, in fact more has been paid for the same class of material along the Munising Railroad during the past few years than prevails throughout the entire Upper Peninsula. This is due to the fact that every plant can afford to buy a small proportion of their material that is offered in the general market but they cannot operate under a condition that calls for the highest prices in the purchase of the commodity needed and such commodity not containing the requisite percentage of desirable lengths. *Buy at -
Pendleton
sections*

The plant will have about the same length of run for the year 1911. To date the entire product for this cut has been purchased in the open market, none having been furnished from the Company's operations. To continue operating under these conditions simply means a further loss of money and the plant had best be abandoned.

The lumber market has been at its very lowest ebb during the latter part

of 1909 and continued throughout the year 1910. There were practically no inquiries for lumber and it was necessary to keep in constant touch and persistently keep after the users to get business. Hemlock should not be kept in stock to exceed one year, as when thoroughly dry it checks badly and there is considerable loss from this source in shipments. The Hardwood market was active and the demand brisk, consequently the grading of the lumber more reasonable and just. The prices for this commodity were somewhat higher than in previous years.

The operations of the Saw Mill plant during the past two years have been both difficult, expensive and disappointing. This is true of the experience of a great majority of those engaged in this business. The labor market has been high, the cost of supplies and necessary material used in and about plants have been high, and the products from the mills have been, as already stated, at the lowest point. Under these conditions the products manufactured have cost the maximum while the sales have received the minimum.

The Munising plant operations suffered on account of the short run and the inability to obtain desirable logs. The starting up and shutting down of the plant is necessarily expensive and with a short run reflects this cost in the product manufactured. A plant to be successful in this country should have the same benefits as enjoyed by its neighbors, - a full stock of material and of desirable quality.

Why can't we run as well as others

The Mill plant is in good condition. The machinery has been kept up and all repairs and needed improvements to facilitate and economize labor have been looked after carefully.

Lath Mill

The lath market was fairly good, although the prices did not rule high, being in sympathy with lumber conditions.

Shingle Mill

The Shingle plant is practically new, having run but very little since it was built.

Why built

The demand was extremely poor and the prices at the lowest that prevailed in a number of years. This was due to large shipments from the West and also in

sympathy with the lumber market and conditions in general.

Planing Mill

The Planing Mill is antiquated and if it is to be kept going new machinery should be had and placed at a more central and economical point. At present it is necessary to cart all lumber from the Yard to the plant and load on the cars after the lumber has been dressed, which is more expensive than if a plant were built and located where the cars could go directly into the plant and the work of dressing the lumber accomplished by one handling.

Retail Yard

The Retail Yard sales were disappointing and the business done much less than in previous years, due to less building and activity in the town.

OUTPUT OF SAW MILL PLANT

	<u>1910</u>	<u>1909</u>	<u>1910</u>	<u>1909</u>
Lumber - Ft. B.M.			4408234	10057077
Softwood	3697007	9091649		
Hardwood	711227	965428		
Lath - Pieces			1334250	3754400
Shingles - "			3307000	5853000
Ties - "			3958	4366
Slabwood - Cords			4357	5875½

It will be noted that the output of Hardwood lumber exceeds the previous year, proportionately speaking. It is a recognized fact among mill men that the sawing of Hardwood reduces the output of the mill twenty-five per cent. and thereby increasing the cost \$1.00 per M. The actual sawing cost for the fiscal year was \$3.05 against \$3.12 the previous year, showing that the actual saw mill operation was carefully looked after. The lumber has been well manufactured and no complaints were received from this source.

OPERATING COSTS

Saw Mill

The operation of the Mill plant shows a total cost of \$70366.34, and sales amounting to \$70796.51. The inventory in 1909 amounted to \$121058.20, in 1910 \$102462.31, or a decrease of \$18595.89. The short run of the mill and small

production added about \$1.00 to the cost of lumber for taxes and insurance, and the overhead charges 42¢ over the previous year. All the lumber on hand at inventory time was priced at \$13.50, and it is expected a large portion of this lumber will be sold at a much higher figure, but in view of present conditions it did not seem desirable to increase the inventory figure although the showing made by the plant is very far from satisfactory.

Shingle and Tie Mill

The explanation above given concerning the Saw Mill is true of the Shingle and Tie Mill which only ran for a short period or less than two months.

Retail Yard

The Retail Yard shows an apparent loss of \$1658.30. The plant was only operated intermittently, due to the unsatisfactory sale of lumber and the fact that there was but a small amount of material used in the town.

What is the relation of this to Saw Mill income

MUNISING

Munising Street Improvement

Little or no work was done by the Village upon further permanent improvements of its streets until October, at which time they took up the question of connecting the County Road with Superior Street, making a permanent roadway between these two points. The work was finally started and about seventy per cent completed before the advent of snow. At the same time the Council passed necessary authority to complete Elm Avenue from Superior Street to the Court House and this work will be undertaken the first thing in the Spring.

A storm sewer to take care of the surface water only in the West end of the town has been constructed and empties into the Bay, crossing the so-called Park about six hundred feet West of the Beach Inn.

The Onota Street open sewer has been replaced by one of tile which has been lowered and the street can now be filled and graded.

General

The general conditions about the town have been better conducted during the past year than formerly. The lumberjack days are about over and the places which have heretofore lived from this trade are feeling the effects and this element

is much less in evidence at election time. The business men as a rule are pulling well together and the Y. M. C. A. and the new Hospital are largely responsible for this condition of affairs.

The Hospital was open for business in June, since which time it has been very liberally patronized, in fact much of the time crowded to its capacity. There has been but very little friction throughout the town on account of its operation and with the exception of one doctor and a certain religious body, has met with most hearty support. The town is unfortunate in not having any men of means who are able to donate liberally to an institution of this kind. There is no really well-to-do class, practically, everyone being dependent entirely upon the income from their business or occupation from day to day, with the result that their services or gifts donated either to the Y. M. C. A. or the Hospital mean a sacrifice and necessarily some privation on their part.

The destruction by fire of the Forster Bros. Plant, the short runs by the two Saw Mills, the depression in the Cooperage business and the curtailment in the output of the Veneer and Cooperage plants made business slack and depressed the merchants. Under these disadvantages however, they have labored earnestly and diligently in promoting the welfare of the Y. M. C. A. and Hospital which are very decided public spirited and needed institutions and have already reflected their worth in the community.

BEACH INN

Mr. F. W. Blake continues under his lease. The travel has been good and the business somewhat better than during the previous year. There were no summer guests at the Hotel for any length of time during the past season. The commercial travel takes up most of the room and makes it disagreeable for summer guests who desire to have quiet. The building is in fair condition. The furniture and furnishings are beginning to show signs of wear with the result that the hotel is not as attractive in appearance as in the past. The leasing of a furnished hotel is not satisfactory and with the institutions of this kind the Company now controls, it seems it would be better that they were put under an efficient, economical

management and made to produce the best possible results for the money invested.

FISH HATCHERY

Its operations are practically the same from year to year. The plant is in good condition and the work being done in the propagation of Speckled Trout has been very successful and the planting in the various streams about Munising from the Hatchery have shown splendid results. There is practically no demand for young fry in this country. The eggs gathered from the wild Speckled Trout which are caught in the trap in Anna River near the Hatchery are from adult fish and the fry are vigorous and show rapid growth the first few months. The fishermen are reporting good catches in the streams in Alger County and one Sunday, during the summer, at a distance of about two miles North and South from Dixon on the Au Train River, sixty-two persons were fishing in the Au Train. The same thing may be said of the fishing in any of the other streams and it is difficult to estimate the number who are engaged in this sport during the fishing season, and if it were not for the persistent and yearly restocking of these streams they would be soon fished out.

The Hatchery's work is very hard to estimate or show tangible results. On the other hand, the fact that the streams are so well patronized indicates that the work done in this line has its benefits. The experiment of placing young fry in Long Lake near Wetmore was continued and the lake looked after by the Hatchery men. The experiment is too young to demonstrate results.

The State Fish Commission is favorably inclined to the establishment of a Hatchery on the Anna River basin. This work, however, cannot be done until they receive an appropriation. A provision for this is contained in their budget which has been presented to the Legislature and as soon as this matter is disposed of a definite location will be decided upon.

We received from the Government 50,000 Steelhead and 10,000 Landlocked Salmon eyed eggs. Owing to the stormy fall weather the local fishermen were unsuccessful in their fall catch of Lake Trout, consequently did not give us the usual supply of Lake Trout eggs.

The only sale made during the year was 5,000 Brook Trout Yearlings to the Huron Mountain Club, Big Bay, Michigan, at \$20.00 per thousand.

There were planted in the streams tributary to the Munising Railroad the following:

Brook Trout Fry	435,000
Steelhead Salmon Fry	46,136
Landlocked Salmon Fry	<u>7,606</u>
Total	488,742

GRAND ISLAND

Forest Preserve

The natural food supply for the animals did not show any improvement or revival over the previous year. The dry season was detrimental to its growth and the increase in the herd of both Deer and Elk required a larger amount of food and consequently there was a corresponding decrease in the supply. More of the animals were found grazing in the Windfalls and along the Roads than in previous years and they seemed particularly fond of the Orchard grass, this being one of the grasses that was planted in the Windfall. The animals all appeared to be in excellent condition and particular pains were taken in examining those that were shot during the hunting season.

Several Moose were seen only at odd times during the summer. In October, however, a number of them kept within the district between the East Gate and the Lodge.

The Elk are thriving and are now found in several bands in different parts of the Island.

The Deer herd is very large. In fact the herds of all the animals with the exception of the Moose, should be considered as the maximum and further increase prohibited.

Game Birds

The Native Ruffed and Manitoba Grouse are frequently found in various parts of the Island but particularly in the territory south of the Game Fence. There were one or two reports by guests of having seen the Capercaillie, but an immediate search failed to find the birds. None of the guides with the hunters reported seeing the birds, and the party of hunters at Trout Bay did not see them this year, although they claimed to have been constantly on the lookout. It is

very doubtful if any of these birds are now alive or at least still on the Island.

Hunting

A fairly large number of invitations were sent to those whom it was thought might avail themselves of the privilege and sport of hunting Deer (only) on the Island, but the result was very disappointing as only twenty-five permits were issued. This business probably can be very greatly increased by sending invitations to hunters who are known and enjoy hunting in a comparatively safe country. It is necessary to provide guides and keep the hotel open and in readiness, and unless there are enough hunters to at least defray this expense, the operations of the Island suffer an unnecessary deficit. The total number of Deer shot was sixty-one.

Sale of Animals

A fairly active market was found for both Elk and Deer and the prices at which they were sold reasonable. There was no large market for either Deer or Elk, most of them going to small Parks or Zoos. Most of the sales were made through dealers, although later on as the magazines and papers reported these animals being sent from the Preserve, communications for further purchases came direct from Parks and Zoos, with the result that the business for the winter of 1910 and 1911 will show a large increase over the first year.

The greatest difficulty in the sale of live animals is the catching and crating. They do not take kindly to coming into a corral and it is impossible to drive them, and we have found that the coaxing process with a little Alfalfa hay has given the best results. Both Deer and Elk that are run down and caught by men on snow shoes suffer considerably from exhaustion and fright and the loss is great. Usually the animals were caught by this process in some remote part of the Island and it was necessary to drag them a long distance on a toboggan over fallen trees, up and down ravines, etc., and it is equally exhausting to the animals and the men. But very few Elk were caught in this manner. The Deer, however, were more shy and would not come into the corral and it was necessary to get most of them in this manner. Experience has demonstrated that one out of every five caught in this manner die. After various schemes for catching the Deer had been tried, nets were

purchased and enclosures similar to pond nets were made along the paths or roads and baited with Alfalfa hay and so arranged that when the Deer came inside to eat the nets closed down, making a regular corral. This method worked very well and a number of deer were caught with very few losses.

Eight Elk were shipped to Argentine Republic. The animals were four days in transit from Munising to New York and twenty-eight days on the steamer from New York to destination. We were advised that they arrived safely and in good condition.

The number of animals sold during the fiscal year was as follows:

29 Deer

20 Elk

Pickereel from Echo Lake

The usual seining for Pickereel in the Lake was continued in the Spring, with the result that a large number were caught and sold. It was quite evident from the size of these fish that this work has at last demonstrated a decrease in their number and size, and by following it up for two or three years more they should be finally exterminated. There was no fishing for Bass and as the nets were not put in deep water no Bass were caught. However, during the early Spring and the Fall many of them were seen in their usual haunts about the Lake. There was some fishing for Perch and those caught were of a large size, fat and of splendid quality, and this seems to bear out the fact that the Pickereel are being slowly exterminated.

North Light Bridge and East Side Road

The West road at the North Light and the East road at the Windfall should be connected by the completion of that portion of the East road which has been under consideration. This would necessitate the building of a Bridge over the North Light stream. The U. S. Government have finally decided to issue a five year Revocable Lease for the Game Fence road and the North Light Bridge on the Government property. This matter has never been in definite shape and with the everchanging of officials in charge of the Government lands it is well that it is at last finally closed.

Maple Syrup

The unusual three or four extremely warm days the latter part of March made the buds of the trees advance rapidly, with the result that there was practically no syrup period and consequently less than fifty gallons were made.

Cottage Sites

There are three applicants for Cottage Sites, two for locations between the pump house and Mr. Jopling's cottage and one at the Stone Quarry. If the people build it is their intention to have them ready for occupancy by July first.

Summer Visitors

A few guests arrived the latter part of June and the business during the first part of July was light but much better than in previous years. The latter part of July and throughout August the accommodations on the Island were taxed to their utmost and applications were received during this period that could not be filled. The new Hotel proved very satisfactory. Considerable trouble was experienced with the water supply, due to the lack of water in the well. The pumping apparatus and water system met all requirements and emergencies and had this system not proved so efficient there would have been much more trouble. The well was lowered ten feet, with the expectation that a seam or crevice in the rock would be encountered which would give a constant and sufficient flow of water to the well. The theory of finding a crevice was based on the condition of the outcrop of the rock at the Stone Quarry, which shows seams at intervals from two to six or eight feet. This, however, did not prove to be the case with the rock underground and the work of deepening the well was expensive and after sinking it ten feet the work was abandoned. During the height of the season it was necessary to install a steam pump to supply the well with water.

The electric light plant proved very satisfactory and of great convenience and safety, as it eliminated the use of lamps and candles in the hotel. The storage batteries worked well and their capacity was ample to take care of the night lights. Many of the guests occupying Cottages requested the installing of one light in each room.

Two tennis courts were provided and were kept in constant use.

The Hotel sewerage system worked satisfactorily, except that the discharge was subject to some criticism.

The guests for 1911 promise to tax all accommodations to their capacity. In fact, all quarters are booked for August and the first two weeks of September. The rates, however, will be advanced fifty cents per day and this may change bookings somewhat.

General

It is very necessary and imperative that the water supply be made more permanent and lasting. The present plant is capable of handling and supplying water only for a reasonable number and the well supply is inadequate during the busy period. An auxiliary system should be established and connected so that in case one fails the other would be available and during the height of the season there will be no difficulty from this source.

The sewer outlet at the end of the Dock was subject to some criticism and this should be remedied by adding an extension of about one hundred feet to the present dock and the discharge pipe carried to the end of same. By this increase in length and also the fact of having the discharge in deeper water, the trouble mentioned should be overcome.

The only criticism concerning the toilets was the fact that there is no arrangement for the ladies occupying the Cottages except on the Second Floor of the Hotel. This is disagreeable at night and inconvenient and should be corrected by putting in two closets under the north porch. This improvement is necessary.

A large number of the guests are interested in photography and have requested a dark room. This can be easily provided in the present wash room of the old Hotel.

The people occupying the Double Cottages, particularly those having children and servants, desire a door from the back room in the Cottage. At present it is necessary for those occupying the back room to come out through the front. By having a rear entrance this inconvenience can be avoided and the Cottage would be much more private and pleasant.

With the large number of young people who visit the Island it is necessary to provide some place of amusement. It is difficult to prevent them from hiring and bringing to the Island an orchestra from Munising and have dancing parties. A pavilion for this purpose could be built near the present electric light plant and would be far enough removed from the Hotel so it would not be objectionable. The young people are not as easily entertained in walking and riding and the time hangs heavily without some means of turning the early evening into some form of gaiety.

*is this
true at
present records
in the east*

In providing sites for cottages east of the present row of those now constructed it would be necessary to change the present drive road by putting it alongside the bluff. There are but a very few available sites for cottage building at the Point and provision should be made to accommodate those desiring to build and change the road so that it will be in the rear of the cottages.

The present Game Keeper's cottage is idle, except that it is used for sleeping quarters by the Foreman. The low ceilings and interior arrangement are such that housekeeping is quite impossible with any degree of comfort during the warm weather. By the building on of a lean-to, a kitchen with proper ventilation could be had and a bath room could be provided, which would make the Cottage very desirable for renting. The cottage would not be as large after these additions are put on as the Trout Bay cottages but could be more readily rented at the same price and for a longer period.

The low water in the lake at times prevents the Launch from getting to the Trout Bay dock and much difficulty and inconvenience was experienced last year from this source. The boat getting aground and being delayed in its regular trips greatly inconveniences those depending upon it to get trains, etc., besides the danger of injuring its hull or in the breaking of its shaft. To extend the dock to deep water would require an addition of several hundred feet at a large expenditure. The most satisfactory way to overcome the difficulty would be to put in a small pier at what is known as the Murray Homestead and the building of a short road to connect with the Trout Bay road at the present dock. This road would be part of the road system which should eventually be extended around the south part of the thumb.

OPERATING COSTS

General

The operations of the following items show their respective cost, receipts and profit or loss:

	<u>TOTAL COST</u>	<u>GROSS EARNINGS</u>	<u>PROFIT OR LOSS</u>
General Expense	\$ 1268.10	\$	\$ 1268.10
Superintendence	2671.25		2671.25
Buildings, Docks and Grounds	2938.37		2938.37
Roads, Trails and Fences	1000.89		1000.89
Game and Fish	2333.87	1595.95	737.92
Farming, Ice & Sugar Making	846.72	1157.74	311.02
Launch	1603.34	1956.02	352.68
Rented Buildings	333.37	523.93	190.56
Stage	426.05	482.25	56.20
Miscellaneous	399.11		399.11
Depreciation	<u>2488.89</u>		<u>2488.89</u>
	\$ 16309.96	\$ 5715.89	\$ 10594.07

There was no new work done on the Island during the year. There are many places in the roads which are beginning to show wear and also the few but heavy rain storms wash them out in places, making it necessary to make immediate repairs, and practically the only work done was of this nature.

Hotel Williams & Cottages

The operations, irrespective of the Depreciation, show a profit of \$1175.03. At the close of the summer season the profit, not including Depreciation, was about \$2000.00, and in keeping the Hotel open throughout the winter and during the hunting season its operations were conducted at a loss, reducing the earnings correspondingly. The experience gained in keeping the Hotel open for two winters demonstrates that there is no business to be had and the loss encountered through keeping the building warm and ready for service is considerable and unless some business develops during the coming season to warrant keeping the Hotel open during the winter it is planned to shut it down at the end of the hunting season.

The Depreciation charge of ten per cent. is very heavy in a business of this kind. It is difficult to say whether the amount is too large but a season of practically only ten weeks makes it difficult to absorb this heavy depreciation.

FARM - RUMELY

The yearly report of the Superintendent which is attached and made a part of this Annual Report, explains in detail and in his own way the results of the Farm's operations and the difficulties and disappointments encountered. It will be impossible to do satisfactory, economical and efficient work on the Farm until the land can be tilled by machinery. This condition cannot be brought about until the stumps have been removed. It is very disappointing to attempt to make a showing or even have the Farm take care of its ordinary daily cost under the present conditions. The stump area is so large and the operation by hand so expensive with the productive area so limited that the costs are much in excess of what can be hoped to obtain from the land unless it is put into hay. The Farm should either be cleared and put under the best scientific management and operation or we should cease attempting to raise crops and plant the land with hay and be content with the revenue received from this source. The land cultivated shows very good results and there is no question about the outcome as soon as the full efficiency is realized in being able to properly till the total area fenced.

The Apple trees (about nine hundred) show splendid growth, are vigorous and the loss to date is less than fifty percent. This is a remarkable showing, taking into consideration the two extremely trying, dry hot seasons through which they just passed.

The Strawberries are vigorous but the production has not been as anticipated on account of the drought.

It is expected to plant about ten acres with Alfalfa this Spring under direction of the State Agricultural College. They are to furnish the seed, superintendent its planting and direct the preparation of the land. If it is possible to get a good stand of Alfalfa in the county the results will quickly reflect themselves in a healthy growth of the farming community.

HOLLAND COLONY

But very little progress was made in securing actual Holland and Belgian families during the year. An unfortunate mixup occurred among the church dignitaries with the result that our efforts got squeezed in the deal. This matter is now

straightened out by the church having organized a Colonizing Board who have jurisdiction in these matters and will look after the interest of the communities to be settled. This Board has promised their hearty co-operation and a committee will visit Rumely as soon as the snow goes and it is expected that the results will be more satisfactory than any experienced thus far.

The Finlanders are quietly but actively buying up a lot of land throughout Alger County. The temperance element are thriving; they are hard workers and will undoubtedly make good and this is the class being encouraged.

The large stump land owners in Wisconsin and the Soo Line Railroad are recognizing that families settling on stump lands are finding it very difficult to make a living, keep up their contracts, pay for houses, farm utensils, horses and cattle and keep themselves out of debt. They are experimenting with a steam stump pulling machine which they claim will stump and clear land at from \$15.00 to \$22.00 per acre. This machine weighs about forty tons and it is claimed will pull all Hardwood stumps successfully.

With good farmers and cleared land the results from the lands would very quickly demonstrate the character of the soil in the hardwood areas and there would not be any grieving and hardships encountered by those who try to farm among the stumps. The work is discouraging and expensive and so little land actually cultivated considering the work done that there is little to be gathered at harvest time. To give some idea, however, of the increasing farming activity in the Skandia district, there was shipped last Fall, from this district, thirty-six carloads of potatoes, principally to the St. Paul market.

The Hollanders who are working on the lands around Rumely do not seem to be discouraged although they say that half their land is taken up with stumps and the ground about the stumps cannot be made productive unless spaded by hand. One of the farmers marketed eleven hundred bushels of potatoes last Fall and another a considerable quantity of potatoes, cabbage and garden stuff.

GREENHOUSES

The operation of this plant shows a total cost of \$3962.86 and sales of \$7492.62, or a loss of \$1470.24. This loss is principally accounted for in the

Depreciation charge, which amounts to \$1400.33. The plant is working very well, the production is large, the help employed intelligent, and no unnecessary money is expended on this account. There are times when the demand cannot be filled and the business, since the building of the new plant, has increased practically one hundred percent. and is steadily growing.

To get further revenue and a larger earning capacity from this plant one additional house should be added on the South side. Provision was made for this in the grading of the site and with this additional house the output would be materially increased with no additional cost except for fuel. It requires nearly the full capacity of one house to grow the bedding plants and the necessary stock for the next winter. If the same ratio of product could be figured with an extra house as from the present plant the earnings would be increased practically \$1500.00. Heating costs, practically, \$150.00 per year per house and assuming the new house being twenty feet further removed, would cost more for fuel and, therefore, we might add one-third additional to one of the present houses or \$200.00 for heat. The new house would cost about \$1350.00 complete when erected, and a depreciation of ten percent or \$135.00, making the total cost for operating this additional house, \$335.00. This same basis of figuring could not be carried out to possibly more than this one additional house, for the reason that there is a limit to what the men can do in the Greenhouse, and as previously mentioned our present force could take care of one more house and the efficiency would be greatly increased in the earning capacity and productiveness of the plant.

*See orig.
real estimate*

*Make it cooperative or
give the boys share of
profits*

NEW NEGAUNEE CEMETERY

The parcel of ground of about ninety-two acres, near the Carp River, offered to the City for Protestant and Roman Catholic Cemeteries, was accepted by both the City of Negaunee Council and the Roman Catholic Bishop. The work of cleaning up the ground and laying it out under the plans designed by Mr. Manning was started early in the Spring. There still remains some further street work to be done, also the laying of a pipe line and the building of a vault before the work is finally completed. The old Cemetery was so crowded for room that the work of removing the bodies was commenced in the fall of 1910 and nearly all the bodies

in the old Catholic Cemetery have been removed to the new, and about one-third of those in the Protestant Cemetery. The work was abandoned in December when the snow interfered with the proper prosecution of the work. It will again be commenced in the Spring and it is expected to be completed before the midsummer of 1911.

TAXES

There was very little change in valuations. The taxes, however, are surely and steadily increasing. The State tax continuous to grow in size yearly and the various Townships also find uses for more money, particularly in the building of roads and bettering local conditions. Very great improvements can be seen in the past five years in the various Villages and Townships, particularly in school houses and roads, and as these improvements increase, taxes will do likewise. It is the effort of this Department to keep down valuations, as the tendency to high values is apt to lead to raising of easy money and consequent expenditures without adequate returns. To illustrate this one has only to look about the Counties that have for years been collecting sums for road purposes and have not had highways leading to or from their Counties or been in a position to communicate with the different parts of the County over highways that should have been constructed by moneys raised for this purpose. There is a well concerted effort being made in all Townships to assess timbered lands at a higher valuation than now prevailing. This claim is based on the fact that the stumpage prices asked and the prices received for forest products enable the people to figure out somewhere near the actual land values.

MISCELLANEOUS

The annual report of the Department's collector is attached to and made a part of this report.

ANNUAL REPORT FOR THE MUNISING DISTRICT ENDING

DECEMBER 31st, 1910.

GENERAL

During the year 1910 the work of the Munising District has been that of constant attention to the general interests of The Cleveland-Cliffs Iron Company and its subsidiaries, both as to the field work and as regards the multitude of things not properly assignable to any particular division of Company work.

All matters of lot sales and payments, at Munising, with the exception of certain payments made during the absence of the forester, have gone through this office. Such payments as have been made as above indicated have been handled by the First National Bank of Alger County.

Specifically, the various departments of the District work might be outlined as follows:

REFORESTATION - COALWOOD TRACT

During the spring of 1910 about seventy acres of Pines were planted in the N.W. $\frac{1}{4}$ of the N.E. $\frac{1}{4}$ of Section 31, 46-19, and the S.E. $\frac{1}{4}$ of the S.E. $\frac{1}{4}$ of Section 30, 46-19. In addition to this planting, the large White Pines set out upon the N.E. $\frac{1}{4}$ of the N.E. $\frac{1}{4}$ of Section 31 were replaced with three year old Scotch pine seedlings, since the severe storms of the previous fall and the exceptionally severe drought of early spring has killed most of them. In the planting of the seventy acres during 1910 White Pine seedlings and Scotch Pins were used in alternate rows.

The work at the Coalwood Nursery consisted in care and cultivation of the stock on hand; in the raising and shipment of several thousand White Pines for landscape planting; in the transplanting of about fifteen thousand seedlings of White, Scotch and Western Yellow Pine, and in the preparation of transplant and seed beds for the coming spring. At a point close to the Cherry Farm and the Valley Spur camps a quarter acre seed bed Nursery was stumped and plowed and will be finished and planted this coming spring.

For convenience of work both in reforesting and care of the Nurseries and Cherry Farm, the Valley Spur camps were renovated and put into habitable

condition and during the Fall these camps were used for all of the field work at Coalwood. *what is condition & cost*

HILLSIDE PLANTING

Little work was necessary on the hillside planting at Munising since the Norway spruce previously planted have obtained a good start. Some reinforcing will be necessary from time to time and the most serious drawback to its success will be the pasturage of cattle which is now commonly permitted on the hills.

GRAND ISLAND FORESTRY

During the Fall the Scotch pine plantations on Grand Island were reinforced with small seedlings of the same species, and additional areas bordering the previous plantations were planted.

Owing to the lateness of the season the Lodge planting planned for the Fall was necessarily delayed until Spring. *5*

INSECT TROUBLES

Constant investigations were made for ways and means to defeat the Larch Saw Fly. A spruce nematus was found infecting the Spruces on Grand Island and this should be controlled at once.

FOREST FIRES

Fortunately there was little loss by fire during the season although a number of fires were quenched. The latter part of the season was favorable and with the number of men constantly in the forest upon whose reports we could depend, little trouble was experienced.

WYMAN'S SCHOOL OF THE WOODS

The forester has instructed a class of young men in forestry during the entire year and has demonstrated that these young men, while being trained, *cost?* form the most efficient forest help. Practically all reforestation and Nursery work was done with their assistance.

ASSOCIATIONS

During the year I have taken an active part in the work of the Munising Business Men's Association, The Michigan Forestry Association, the Alger County Poultry Association, the Munising Hospital Association and the Northern Forest

Protective Association, to all of which some time has necessarily been given. With the exception of the Michigan Forestry Association, I believe all should be encouraged and maintained for the good of the community. I have also done some work for the Upper Peninsula Sportsmen's Association and just at this time the importance of its legislative work cannot be overestimated. I feel that activity in any association work in which the community is interested is wise for Company employees and it is my plan to continue this work as far as I can without interfering with the real work of my position.

RECOMMENDATIONS

I desire especially to recommend for the next year:

The opening up of the forest crown on Grand Island, within the game park for it is an impossibility for natural food to come in under the dense shade *cost* found in many places. There is much timber which should be harvested, on account of maturity, and by this operation sufficient light would be let in to stimulate growth, especially of spicate maple (*Acer spicatum*), than which there is no better food. Herbaceous foods need the same stimulant and I have noticed repeatedly that under the dense foliage no native food is left.

The setting apart and operation upon at least a portion of the territory *this was done already* recommended previously of the Munising Fire Wood Forest. There are constantly recurring windfalls of hardwoods, which, with the cutting of mature and diseased standing timber, would effect a great saving of choice bodywood and at the same time put the forests about Munising into splendid shape. Munising has the best opportunity for a municipal forest of any city within my knowledge, and since the price of other fuel (coal, especially) is so high, it seems especially desirable that the forest be used as a source of supply.

The continuation of Wyman's School of the Woods. Since the matter of abandoning the work of the school has come up, I have been approached by a great many residents of Munising who desire to see the school maintained. They argue that it advertises the town, brings in desirable young men who are a credit to the community, assists business in a small way and assists in building up the intellectual tone of the village.

Respectfully submitted,

ANNUAL REPORT FOR THE ALGER COUNTY FARM ENDING

DECEMBER 31st, 1910.

GENERAL

One of the essential things in making a report of farm operations in this climate is to make a big howl about all the unfavorable weather conditions which have prevailed during the year in order to have something on which to put all the blame for the failures and disappointments of the year. A brief review of the general weather conditions for 1910 is, therefore, first brought to your attention.

Spring weather came unusually early, the latter part of March being more like May weather than March weather, but as is usually the case when spring weather comes too early, we had plenty of March weather in April and May. An unusual occurrence was that on the 25th of March we hauled potatoes on a sleigh in the forenoon and in the afternoon we plowed in the garden and harvested the first crop of the season - parsnips - and on the following day we planted vegetable seeds, part of which grew but none of which, needless to say, grew to amount to anything. This nice weather continued along into April with the ground in condition to work and about the 19th we commenced planting strawberries, but on the 23rd we had a cold wave and snow storm which killed many of the newly set plants, and put an end to farm work until the first of May.

*all the night crops
being grown as per experience
of other farmers*

May was a cold, wet and disagreeable month with frequent frosts and snow as late as the 31st. Frosts this month destroyed the currant and gooseberry crops, and damaged the raspberries. Vegetation grew very little on account of the cold weather and vegetables planted May 7th did not attain salable size as soon as seeds planted the very last of the month. From June 1st to July 25th we experienced a very severe drought and the strawberries probably suffered more from it than any other crop. The normal fruiting season for strawberries in this climate is four weeks, but this year they all ripened in eighteen days and the yield per acre was materially lessened. Crops grew well in August, beans and potatoes doing especially well. Light frosts occurred September 1st., but no damage was done until September 22nd

and September 27th., when we had killing frosts which stopped all vegetable growth. Snow came on the 29th of October and it has continued to snow from that time to the present date. About five hundred bushels of potatoes were left undug on this account and other root crops were secured only by digging them from under the snow.

CLEARING LAND

During the past year we have stumped thirty acres of land which makes one hundred ten acres which we now have cleared of all stumps, and in such condition that all kinds of machinery can be used on it. Our plan of stumping forty acres each year is being carried out and at the end of the season of 1912 we should have the farm entirely cleared of stumps.

at a great cost over estimate

FENCE

The farm is all well fenced with fifty-eight inch Standard Page Fence and about sixty rods of four foot stone fence. About twenty rods of new wire fence was erected this year which will be gradually displaced by a stone fence as the land is cleared of stones. The stone fence is not used because it is an economical fence (as a fence) but because we find it the most practical way of disposing of the stones.

LIVE STOCK

This year we are raising three colts, at the present time from six months to nine months of age. Two of them are bred from draft horses and the third one is from roadster stock. A pure bred Holstein-Friesian bull has been purchased, and we are trying to breed our cattle up. We have two heifer calves from this bull, which we are raising and it is proposed to purchase four pure bred Holstein-Friesian cows for the further improvement of our herd. The prosperity of a farming community is largely dependent on the quality of the live stock raised and for us to get the farmers to raise good stock it is necessary that we take the first steps in the right direction.

We have been using a cream separator since February and our cream is sold to creameries and private customers and the skim-milk fed to the hogs. The sales of dairy products for the past year were approximately as follows:

Milk, Cream and Butter	\$ 350.00
Beef and Hides	125.00
Cattle sold on foot	<u>200.00</u>
Total	\$ 675.00

During the past year we have been most successful with hogs. From six young sows purchased in September '09 we raised forty-nine shoats from the spring farrow, and about half that number from the fall farrow. The fall pigs were sold at about six weeks of age for \$3.50 each. The spring pigs were born in March and after being weaned we fed them a little skim milk, middlings and cooked potatoes for a short time, then turned them into a clover pasture and later into a pea field, and they shifted for themselves until the first of October, when we commenced feeding cooked potatoes and corn to finish them for market. We are butchering them from time to time during the winter and they average about \$18.00 each. The gross sales of hogs for the year will be over \$1000.00.

In addition to the six old sows we are saving four young sows for breeding purposes, to supply the demand for young pigs in the spring and early summer which heretofore we have been unable to fill.

POULTRY

Sales of eggs 1910 \$55.00.

We have never had any great success with poultry, but this year we purchased a Cyphus incubator and brooder and raised nearly 100 chickens. Next year we expect to start the incubator much earlier and have provided extra quarters for poultry where we believe we could put the brooders and raise early chicks.

POTATOES - 3000 Bushels.

The acreage of potatoes this year was smaller than last year, but the yield per acre was better, being about one hundred fifty bushels. They were planted on land entirely cleared of stumps and a considerable decrease was noted in the cost of cultivation. Next year our land will be sufficiently subdued to permit the use of machinery for planting and digging. The Beauty of Hebron potatoes are found to be good yielding and excellent eating potatoes and we will plant more of them next year to the exclusion of the Rural New York type of potatoes, which for

the last two years has not matured sufficiently to make a first class eating potatoe. Last spring we planted one acre of potatoes on the 16th of April. It was expected that the wintry weather during the last of April would rot them, but they came up about May 20th and grew to be a good crop and brought from 75¢ to \$1.10 per bushel early in the fall.

It was our intention to plant a few acres of potatoes this fall but on account of the early snow it was impossible to do it and in fact, as noted before, we could not get all of our crop dug before it was snowed under.

HAY - 15 Tons.

On account of having considerable hay left over from 1909 and also because of the high cost of cutting hay by hand we cut only hay enough this year to winter our stock. At the beginning of the season we also thought we might want to pasture a car of steers, on some of our land but this was given up on account of the high prices of cattle at that time.

Next year we expect to seed some of our cleared land with clover and timothy and we will be able to harvest it with machinery. Several acres will also be sowed to Alfalfa under the direction of the State Experimental Station.

PEAS - 40 Acres.

Forty acres of peas were again sowed this year, but as noted above, we did not attempt to harvest them by hand but turned the hogs into them. The hogs made good growth on them and handled in this way we consider the crop profitable.

BEANS - 65 Bushels.

This year, for the first time, we tried raising beans and the crop exceeded our expectations. All through the season the vines looked fine and a fine crop was promised, but on September 22nd and again on the 27th we had hard frosts and at first it was expected the crop was entirely ruined. It proved that only the tops of the vines were damaged, however, and the pods on the lower parts of the vines matured during the next three or four weeks and the yield was twelve to fifteen bushels per acre. The white Navy bean was the main crop, but a small plat

of Swedish Brown beans were even better than the white beans, but before we could get them thoroughly dry they were caught in the snow storm of October 29th and we got only about two bushels of them, the rest being a loss.

CCRN

No ripe corn was raised this year, nor was it planted for that purpose, but we got several tons of fodder which is valued as roughage for cattle. It has been demonstrated many times that good corn for silage can be raised here and in a year or two as our herd of cattle increases and our land becomes more subdued, I think it will be advisable for us to build a silo which can be done at a moderate expense.

ORCHARDS

No additions were made to the orchard this year except that about a dozen trees 8 or 10 years of age were transplanted from the yards of the Cleveland-Cliffs Iron Company Mill at Munising to the farm. They are apple, plum, pear and cherry trees and all lived except one cherry tree, but the real test will come the second year.

The young trees are all continuing to make a strong healthy growth, and with the exception of a few trees broken down by the deep snow and a very few which have died. The original planting is all living.

SMALL FRUITS - 290 crates strawberries.
60 quarts raspberries.

The past season was an unusually trying season for strawberries but they continued to demonstrate that they are money makers. In spite of the fact that we had no rain of any consequence from June 1 to July 25, we picked 290 crates of berries from $1\frac{1}{2}$ acres and I am satisfied that we can make them average at least 300 crates per acre under normal conditions.

This year we have planted five acres more strawberries, making $6\frac{1}{2}$ acres which will be in bearing next year, and it is proposed to increase the acreage each year, as we find we are able to care for them. On account of the early snow it was impossible to get the fruiting beds in as clean and well tilled condition as we

desired, but one of the advantages of the heavy covering of snow is that it makes it unnecessary to mulch the plants in the fall and gives us an opportunity in the spring to give them some extra cultivation. We practice cultivating the fruiting beds early in the spring and discontinue it just as the blossoms begin to appear, when the straw mulch is put on.

An interesting part of the work is the testing of new varieties. Twenty-five test varieties (100 plants) of each were planted this year and in this way we expect to find the very best varieties for our conditions and the testing of new kinds will be continued from year to year. In the light of our experience thus far, it appears that there are more first class berries in the early and medium early varieties than among the late varieties. It will be our purpose to try to get real good late varieties for the late berries always come at a time when "berries are scarce and the price is good."

Raspberries have been disappointing with us and the failure this year was due largely to late spring frosts. We have been planting some better varieties, however, and hope for better success in the future. The currant and gooseberry crop, which promised to be large, was entirely destroyed by May frosts.

MARKET GARDEN

The results in market gardening were much the same as a year ago. The market, or rather lack of market, continues to be our greatest trouble and in my opinion we are too far away from the market to make a success of market gardening. I believe that for one to be successful in this line of work, their garden should be located within a mile or two of a large town, then when the vegetables are ready for use they can be loaded up and peddled from house to house for one of the most essential things in selling tender vegetables is to get them on the market just when they are ready for use. In our situation we cannot ship stuff unless we have an order for it, and consequently it cannot always go when it is ready. Another factor against us is the fact that just as our vegetables are ready for market the demand is least, for the reason that many families have vegetables in their own gardens at that time.

*Why in
h-l do
you do it*

FREAK OF LIGHTNING

A report of this nature would hardly be complete without mention of any unusual happenings on the farm during the year.

The double farm-house was struck by lightning during a storm on May 20th. The charge evidently struck the chimney first and passing downward tore lath and plaster from the walls, splintered studding, tore up flooring, etc. The remarkable part was that a family was eating supper in a room at the foot of the chimney, at the time, and most of the dishes on the table were broken, boards torn from the floor under their feet and the seat of a chair in which one man was sitting was split in two, yet no one was hurt.

The damage to the house was not very great and it has since been completely repaired.

A complete list of the crops grown this year is sent you herewith.

Respectfully submitted,

(SIGNED) H.W. Crawford,

Superintendent.

ALGER COUNTY FARM CROP REPORT

DECEMBER 31st, 1910.

*all these reports
shown in
by year for
annual comparison*

- 15 ✓ Tons Hay
- 6 ✓ " Corn Fodder
- 2 ✓ " Bean Fodder
- 2500 ✓ Bushels Potatoes (large)
- 500 ✓ " " (small)
- 65 ✓ " Navy Beans
- 60 ✓ " Rutabagas
- 60 ✓ " Beets
- 75 ✓ " Carrots
- 50 ✓ " Mangels
- 7 ✓ " Onions
- 8 ✓ " Turnips
- 25 $\frac{1}{2}$ ✓ " Green Tomatoes
- 5 ✓ " Shell Beans
- 30 $\frac{1}{2}$ ✓ " Wax or Butler Beans
- 2000 ✓ Pounds Cabbage
- 325 ✓ Heads " *1 pound to crate }*
- 122 ✓ " Cauliflower *1 pound to crate }*
- 25 ✓ Dozen Bunches Onions
- 4 ✓ " Kohl Rabi
- 4 ✓ " Asparagus
- 307 ✓ " Sweet Corn
- 7 ✓ Baskets Ripe Tomatoes *1/4 Bunch to basket }*
- 60 ✓ Quarts Raspberries
- 290 ✓ Crates Strawberries (4640 Quarts)

NEGAUNEE, MICH., March 1st, 1911.

Mr. C. V. R. Townsend, Land Agent,
Building.

ANNUAL REPORT

Dear Sir:-

Following is my report for the year 1910 covering the collection of rents, etc., condition of Company property, sales and leases of lots and farm lands, general conditions existing among our tenants in the various Locations and Cities, improvements made, suggestions for further improvements or betterments, and other matters which may be of interest. Inasmuch as this is the first report of this kind submitted, and owing to the different conditions existing in the various places, I deemed it advisable to make a report by companies and treat each location or subject separately.

THE CLEVELAND-CLIFFS IRON COMPANY

FARM LAND SALES

These amounted to \$7139.00 for the past year. The sales in the various tracts were as follows:

Parson's Tract

Twelve sales amounting in all to \$4520.00; 840 acres at \$5.00 and 80 at \$4.00, the last sale being made at a reduced price owing to the inferior quality of soil. There were four cash sales of 80 acres each and the balance by Contracts.

Of the original Parson's Tract covering 8360 acres, 2720 were sold by the Furnace Department and 1600 by the Land Department to date, making in all total sales of 4320 acres, leaving 4040 acres still unsold. The best of the lands in this tract have been selected and the sales from now on will be less each year, most of the unsold lands being hardly fit for anything but pasture.

*Sell them for anything you
can get*

Of the eighteen contracts turned over by the Furnace Department to the Land Department in December 1908, ten were completed and deeds issued, and we have succeeded in getting payments on all of the others.

Mathews Tract

Two sales of 40 acres each at \$6.00 and one at \$6.50, making in all 120 acres for \$740.00. We had several applications for lands in this tract, but owing to the question of reserving lands for the development of the Whitefish Water Power sales were not made and undoubtedly with a little advertising in papers which get into Trenary and the small stations along the Soo Line, and even as far north as Eben and Chatham, would result in more sales being made in this tract, as the lands are mostly what might be called first class farming lands.

Holland Colony

The following sales were made by The Cleveland-Cliffs Iron Company the past year:

Leo Dam,	N.W. $\frac{1}{4}$ of N.E. $\frac{1}{4}$,	Sec. 34-46-22,	37 a. @ \$7.00	\$ 259.00
Jacob Viehauser	N.W. $\frac{1}{4}$ of N.E. $\frac{1}{4}$,	"	26-46-22, 40 a. @ 7.00	280.00
Bert Huntley and				
Peter Cornelius,	E. $\frac{1}{2}$ of N.E. $\frac{1}{4}$,	"	35-46-22, 80 a. @ 7.00	560.00
			Total	\$1099.00

This last contract is dated December 1st, 1909, but the deal was not completed and the sale was not credited to Treasurer's Account until 1910.

Henry Van Boxel and Peter Habraken who each had 80 acres, released the north forties and new contracts were issued for the south forties. The Daele contract was cancelled and a new one issued to Frank Vande Zande. We received \$168.92 from various Holland Farmers on account of payments, interest and taxes due on their contracts. There are now in force, in the Holland Colony, including The Munising Company lands, thirteen contracts, having a total acreage of 1835 and amount of sales \$5645.00

Miscellaneous

There were three forties sold during the past year in 25-46-22 at \$6.50 per acre, or \$780.00. These sales were made, one through Leo. M. Geismar and the others by Adolph Nyman.

MUNISING HOUSE AND LOT SALES

Eleven La Porte Addition houses and two of the Workingmen's Cottages were sold during the past year, the total amount of sales being \$32,875.00. There are now forty-one contracts of this kind in force in Munising. Two of them in the Cliffs Addition have been completed and deeds issued. Quite a number of the contract holders are not very prompt in the payment of their notes. I have kept after them continually by letter during the past year but did not get a great deal of satisfaction. These people promise from time to time to catch up on their back notes and will live up to their promise only for a few months and then fall back again.

*turn it over to the bank
they must not be allowed to
get behind*

RENTED BUILDINGS

The earnings from this source the past year amounted to \$5084.75, in which is included the total rental of the Beach Inn, \$1440.00, and the rent donated to the Y. M. C. A., \$900.00. This Company has in all 22 rented buildings, of which 19 were tenanted the past year. Nine of these houses are located at Negaunee, seven at Eagle Mills, five at Munising and one at Ishpeming. These houses are all in pretty good condition, with the exception of those at Eagle Mills. The total rent collected the past year amounted to \$4187.00 and there is an uncollected balance of \$72.75. Of this amount there is one questionable account, amounting to \$18.00. Cutting out those made to the Steward house, Belden's, the Beach Inn, and the Y. M. C. A., the repairs amounted to \$138.55, or less than 10 percent of the total earnings of these houses. These repairs consist of necessary carpenter work, interior decoration and plumbing.

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The Cess Pools in the Sterling Addition are really the only unsatisfactory condition existing at any of our houses. Owing to the fact that the city has been

talking for the past two years of extending the sewer to this addition, and as a cess pool in any condition is very unhealthy, we have replaced but few of those that have become filled. There are at present three or four which the people are complaining of and if the sewer is not built this year, something will have to be done, either dig new ones or fill them in and do away with the cess pools altogether.

The tenants in all our Cleveland-Cliffs houses at Negaunee, with a few exceptions, are Finns, and as a rule, good tenants and keep quite neat and clean places.

PENDILL LOCATION

The rental received from this Location the past year amounted to \$323.00. There are no uncollected accounts. John McAuliffe has occupied several of these lots for the past fifteen years or more without paying rent, and it was only this year that we succeeded in getting \$6.00 from him in payment of two years' rent.

It has been decided to lease the lots lying east of Silver Street for building purposes, and we now have about twenty-five applications for same. We have the leases all printed and as soon as the lots can be staked out we will advise the applicants and have them select their lots. The old D. S. S. & A. Ry. spur to the Lucy Mine cuts up about a dozen lots. This track has not been in use for a number of years and there is a break in same where it connects with their other tracks. Have been unable to find from our records where any right-of-way was ever granted for this spur, and if it could be gotten rid of in any way and the embankment leveled off it would greatly improve the general appearance of this Location. There are two unsightly buildings on this Location and should be improved or gotten rid of in the event of other residences being built on the lots which are intended to be leased. The particular ones I have in mind are Elliott's paint warehouse and Lucas's blacksmith shop.

EAST NEW YORK

The rentals in this Location the past year amounted to \$192.50. The yearly rental, however, is only \$177.50, and the extra collection of \$15.00 represents back rent for the year 1909. This rent is received from a number of small miscellaneous parcels of ground used for gardening purposes and four lots upon which houses are built. We have no map showing the size or location of these parcels, and I believe if a survey of some kind were made of all the land suitable for gardening purposes, and laid out in parcels of a certain acreage, say from one to three acres, we would receive more rent and could place them under some kind of a lease.

All the old mine buildings, with the exception of the engine house and one ore pocket, have been sold. The only sale made in 1910 was the Dry building, for which we received \$40.00, and this item is included in our Miscellaneous Receipts for the year. This year the engine house was sold for \$25.00, owing to the fact that the people were gradually tearing it down and cutting out the supports and it became dangerous on account of its weakened condition as children were nearly all the time playing around it.

FARM LEASES

Our receipts from this source for 1910 were \$90.00. The uncollected rents for the year 1910 were Voelker \$10.00; Roberts \$50.00; and the City of Negaunee \$40.00. Some of these have been paid since the close of the fiscal year. An increase of revenue from this source by this Company can hardly be expected owing to the lands not being located in districts where leases have been issued for farm lands. However, in case it is deemed advisable to lease some of the Deer Lake lands there are a few descriptions which probably will be taken up. We have no reports on these lands as to timber or soil, and our records as to title in many instances seem to be incomplete. Until these conditions are remedied probably it would not be well to do anything with these lands.

MISCELLANEOUS LOTS

The total rent collected for the year was \$272.00 and represents total

annual rental. This item is made up principally of the rental for the L. S. & I. Depot site, Negaunee, the right-of-way to the Street Car Company over the S.W. $\frac{1}{4}$ of Section 2-47-27, the Bissell and Stebbins' magazine site, the Ishpeming Nuisance Ground, and the lease of the Helena Banking Grounds, and various other small parcels used for gardening purposes.

MISCELLANEOUS RECEIPTS

Sale of Hay from McDonald and Sandy Johnson farms for \$40.00.

DEER LAKE LOCATION

During the year it was decided to dispose of the old buildings in this Location and lease the ground. We have made arrangements for the sale of nearly all the old buildings from which we expect to get about \$1100.00. In order to locate these houses properly and get a proper description for a lease, a replat of the old Location was started and will be completed as soon as the snow disappears this Spring. The old Location presents a very untidy appearance and according to agreements under which people are purchasing these houses, they will repair same and move their fences to agree with the new lot lines. All the lots which are not occupied by houses will be leased to the people of the Location for gardening purposes. Our annual ground rental from the Location will amount to from \$75.00 to \$100.00

The old store building is being occupied by the Ishpeming Ski Club for clubhouse purposes under a verbal agreement with Mr. Moulton authorized by Mr. Mathen. A lease is now being prepared to put this matter on a definite basis. They put something like \$1000.00 into improvements and I believe if it were agreeable from the company's standpoint, they would be willing to buy the building at a reasonable figure and pay ground rent for the use of the land.

EAGLE MILLS

There are a number of old houses and other buildings in this Location, not occupied, which present a very untidy and dilapidated appearance, and are not

worth repairing. In their present condition there is also considerable danger from fire. If these buildings could be torn down, or sold and removed, it would greatly improve the general appearance of the entire Location.

BEACH INN

January 20th., this year, the Annual Inventory was taken and a copy of same sent to Mr. Blake. The kitchen utensils and equipment show the most wear and tear. The hotel in general seemed to be in a cleaner condition than any time since Mr. Blake took hold. During the year he added some new billiard and pool balls and retipped a number of the cues.

is it kept up in accordance with the lease

IRON CLIFFS COMPANY

FARM LAND SALES

There was only one sale made the past year, amounting to \$1500.00, to E. J. Bergman and John Gasman of Bark River, covering the NW $\frac{1}{4}$ of the NE $\frac{1}{4}$ and the N $\frac{1}{4}$ of the NW $\frac{1}{4}$ of Section 23-39-25.

There remains in Menominee County only seven forties unsold, in which is included the Felch Mountain Kilns description. The timber on all of these lands has been cut off and fire has run over some of the descriptions. The soil in general is a light sandy loam, and in some places stony. The average price per acre we might secure for this land for farming purposes would be from \$6.00 to \$8.00. The taxes on the Kiln forty for 1910 amounted to \$51.21 on an assessed valuation of \$1600.00. According to a recent report from Mr. Lowney the kilns are not worth tearing down and removing, and of the six buildings on the land only a 1 $\frac{1}{2}$ story house and a barn are of any value. \$700.00 or \$800.00 is the most that we would ever get for this description in the event of a sale. Very few applications were received for the purchase of lands in this county during the past year and some attempt should be made this year to dispose of them, particularly, the kiln forty or get a reduction in the valuation.

Sell it

There are approximately 10,000 acres of land in Delta County owned by the Iron Cliffs Company, The Cleveland-Cliffs Iron Company and the Jackson Iron Company, on which we have no recent reports, and in some cases no reports at all, as to the soil conditions and timber value. The holdings of the various

companies in this County are scattering and owing to the fact that there are very few timbered lands which might be acquired to round out these holdings and make them profitable to operate, it would seem advisable to dispose of same. There are quite a number of small jobbers throughout Delta County, who, if they knew that these lands were on the market, would undoubtedly be willing to pay a very reasonable price for the land and timber. If we had reports on these lands and were in a position to quote prices, good advertising in the local Delta papers would result, I believe, in a number of sales.

All of the old farm land contracts have been paid up and deeds issued, with the exception of the two which are being held open on account of the Carp River Water Power and the two to Frank and J. F. Lusardi in Delta County.

PERKINS LOCATION

No sales of lots during 1910. All the lots have been sold with the exception of one. I am not familiar with the general conditions at this location, but it would seem that it might be well to plat a few more lots, as the company has nearly twenty acres which can be used for this purpose.

FARM RENTS

why are they behind
Our receipts from Farm Rents amounted to \$434.40, representing mainly the rental of lands in the vicinity of the National Mine. The average annual rental of the leases is \$30.00 and taxes. No new leases were issued during the year and in fact we have not had an application for one and I do not believe we will see an increase in the revenue from this source. We have experienced quite a little trouble in collecting the rent and taxes on Farm Leases, especially, in the cases where the rent has accumulated for a number of years. We are giving this matter more attention each year and expect within a very short time to have all these old accounts on an active basis.

MISCELLANEOUS LOT RENTS

These amounted to \$66.15 made up of rentals of small parcels of land

in and around the City of Negaunee and the National Mine used for gardening purposes. The rental for the Iron Cliffs Company's interest in the Ishpeming Hospital, \$34.32, is included in this amount. There are a number of small parcels, in fact what we might call small trespasses, in and around section 21-47-27, which should be surveyed and the people obliged to either pay rent or move back their fences. This matter would have been taken care of had not Mr. Brotherton been too busy with the Cemetery the past year.

BELLEVUE AND CLIFFS FARMS

The Bellevue Farm was leased during the past year to Jacob Ahola, who has had same for the two previous years and he wishes to use it again for this year at the same rental, \$300.00. He does not seem to be able to make a living from the farm as he puts in all his spare time in doing outside work. He is only what you might call a fair farmer and his crops consist mainly of hay and potatoes.

We have been unsuccessful so far to lease the Cliffs Farm but managed each year, however, to dispose of the hay. Last year we got \$85.00 for same which is \$15.00 less than obtained the two previous years, owing to a poorer crop. At present we have two Finns from the National Mine who are figuring on using it for a poultry farm, and we expect to hear from them definitely within the next week or two whether or not they will make it a go this year. In the event of a lease we expect to get at least \$200.00 per year, covering all the cleared land and two of the houses in the old Cliffs location.

MISCELLANEOUS RECEIPTS

The receipts from this source amounted to \$170.50, and are made up principally of sales of the old buildings in the Furnace Location, the old greenhouse boilers and wild hay.

JUNCTION LOCATION

Annual rental \$356.00. All the lots leased with the exception of two

Make a determined effort at once to clean it up as a stunt for some one

or three, which are not very good building lots, but from present indications, the chances are that they will be taken up within the next few years. The total rent collected in this location for the past year amounted to \$473.00, leaving an uncollected balance of \$45.00, which is made up of the 1910 rent on one lot and a balance of \$33.00 on another. This last account would have all been taken care of had not the tenant been injured and on this account unable to work.

The tenants in this location are all French with five or six exceptions and the premises are only fairly well kept.

In changing the public highway from the City of Ishpeming to the Winthrop on account of the cave-in at the Lake Superior Iron Company's Section 16 property the city improved about 700 feet of street in this location. We have had a complaint from several of the tenants with reference to the condition of Junction Street and a small roadway leading from it to Excelsior Street, as in the Spring and after every heavy rain the street is hardly passable. We secured several figures for improving the street only but they were too high. I do not think that the improvement of the street alone would remedy the real complaint unless a sidewalk is constructed and proper gutters put in to carry off the water.

Why should we do it rather than the city

WINTHROP LOCATION

Rents received for the year amounted to \$133.00, the annual rental however is \$148.00. The uncollected rent due on this location amounts to \$31.25 and is represented by one item, viz.; a lease which is in the name of Hans Gunderson but which he claims the party he is selling the house to should pay the rent for. We will take legal proceedings, if necessary, this year in order to enforce the collection of this account. There are thirteen lease holders, all Scandinavians with the exception of two. Nearly all of these lots were originally leased to F. Braastad of Ishpeming and he built houses and is selling to various parties on easy terms.

SALISBURY LOCATION

The receipts for 1910 amounted to \$96.00, the annual rental, however,

is only \$72.00. The extra collection of \$24.00 represents the back rent for the year 1909 on two of the lots. There are six lease holders. I have as yet not covered this location and the land in the immediate vicinity more than in a general way but will arrange to go over the ground carefully this year.

does the mine dept collect in these places by mine locations

RENTED BUILDINGS

The nine houses which include the Agent's and Assistant Auditor's and the double house at the Bellevue Farm were tenanted continually the past year with the exception of the last mentioned which was occupied only part of the time. The total annual rental amounted to \$1251.50. There is an uncollected balance of \$52.38 which is represented mainly by an old item of \$35.88 against Edmund Roy on account of one of the old Furnace Houses. This account is now in the hands of Attorney Ryall, at Escanaba, where Roy is located, and if he is not successful in its collection by June 1st., it will be turned over to the Northwestern Collection Agency.

The repairs, not including those made to the Agent's and Mr. Garner's houses, amounted to \$151.00 or about 21% of the earnings. Deducting the total cost of operating including insurance, taxes and depreciation, these buildings show a net earning for the year \$297.83.

There are two Italian families in our Furnace houses that we should get rid of as they are very destructive to the property and are very unsatisfactory tenants as far as cleanliness and general conduct are concerned.

Considerable repairs are necessary on three of the Furnace houses to put them in first class shape. Other work that should be done is the painting of these houses, new fences and the removal of the old sheds in the rear and painting the Newcombe house.

All the buildings of this company with the exception of Mr. Garner's residence and the Bellevue Farm Buildings are on Pioneer Iron Company land. Eight of their buildings are included in Pioneer Iron Company leases to the Consolidated and the Independent people. The Pioneer Iron Company pays the taxes on all the Furnace Buildings, the office and the Newcombe house and is reimbursed by the Iron Cliffs Company on the Newcombe house and by The Cleveland-Cliffs Iron Company

on the office and nursery, but no taxes are charged to the Iron Cliffs Company on account of any of the other buildings nor does the Iron Cliffs Company receive any rent for the buildings from the Pioneer Iron Company which are included in the above mentioned leases. Cannot some arrangement be made that would simplify these conditions? yes -

CLEVELAND IRON MINING COMPANY

FIRST ADDITION

Annual Rental \$1916.02, in which is included Donated Rents amounting to \$41.00. Seventy full lots and one half lot at \$20.00 per year, seven half lots at \$10.00, two lots at \$50.00, one at \$36.00, one at \$25.00, nineteen at \$15.00 and one church lot at two cents. Rent and taxes collected, \$1999.06. There is an uncollected balance of \$429.02, of which amount \$73.00 is included in our Delinquent Tenant report for the year 1910. There are no uncollectible accounts.

All the lots are small having only a frontage of thirty or thirty-five feet and one hundred deep. The premises, as a rule, are well kept. The streets and alleys are in good condition, except south of Division Street. why

SECOND ADDITION

Annual Rental \$398.00. Fifteen lots at \$18.00 per year, nine at \$12.00, two at \$5.00 and one at \$10.00, the three latter being used for storage purposes. In cases where the company has paid the special sewer tax we are charging \$18.00 otherwise \$12.00. Total rent collected for the year amounted to \$357.83. There are no uncollected accounts.

All the old lot sales have been cleaned up and the lot contract from Albert Aas covering Lot 93 surrendered by him and his wife for a consideration of \$10.00. A deed has been made and executed in favor of Andrew Sandberg covering Lot 82 and same is being held in this office awaiting the return of Mr. Young from Washington.

It is only four years ago since leases were first issued in this addition and the lots are being taken up rapidly, only a few remaining which are suitable for building purposes. 5

\$89.90 was expended during the year in the improvement of part of Michigan and Maple Streets in this addition in order to get the city to extend the water mains.

There are thirty-six lots in this addition lying West of Maple Street along both sides of Empire that should be improved. In their present condition they are unfit for building purposes and will never be taken up. The taxes on same for 1910 amounted to over \$200.00 and in the event of improvements could be leased for \$12.00 per year and taxes each and the increased revenue would soon offset this expense.

These lots would also make a good location for a number of houses built by the company and sold on the monthly installment plan, leasing the ground to the purchasers. There are a number of people who have been inquiring from time to time why the company does not build houses at Ishpeming and Negaunee for their employes the same as at Gwinn and Munising. I do not know the company's policy in this matter but believe that if houses were built on this plan they would be readily taken up by and appreciated by people who have been employed for many years by the company at its various mining properties.

The city has not made very many improvements on the streets, nor have any sidewalks been built except on North Third Street and part of Empire and for this reason this location does not present as good an appearance as it might. However, with the number of lots being leased yearly and the houses being erected it will be a matter of a short time only before these improvements are made. The houses being built are neat and really above the average put up in other parts of the city.

There is a parcel of ground bounded by Park Street on the South, Bessemer on the North, North Third Street on the East and the Deer Lake Road on the west, about 200 feet by 440, which if platted would make twenty lots 47.2 ft. by 100 deep, exclusive of streets and alleys, and would be taken up readily as we have applications for a number of them in case this is ever done. I understand, however, that it is intended to allow this land to be used as a public playground. In this

event, it might be well to fence it, or even better, put in posts at short intervals in order to cut off the several roads crossing it which are dusty and dirty and if closed would soon be covered with grass and greatly improve the appearance of the playground.

THIRD ADDITION

There are at present 235 lots occupied by houses and 28 used for gardening purposes, for which we receive a total annual rental of \$2874.00, in which amount is included Donated Rents, \$46.00. The collections for the year 1910, rent and taxes, amounted to \$2982.13. There is a balance due of \$1124.30, of which amount \$649.08 is included in our last Delinquent Tenant Report. There are three accounts which we will probably have some trouble in collecting, especially the one against D. A. Beerling, \$38.99. You are familiar with this account and wish you would instruct me what action to take.

Thirteen lots of the Lynch Field, since it was platted, have been built upon and the balance of the lots are nearly all being used each year for gardening purposes. The lots with the exception of those in the so-called Wadsworth Addition, are large, measuring 75 feet by 110 and in some cases 113.75. The premises are very well kept and after the street improvements, curbing and sidewalks have been put in, will present the finest appearance of any of our locations as the people seem to take particular pride in well kept premises. During the year the city improved Wabash Street and Third north to Wabash and I understand that the work will be continued on some of the other streets in this addition this year.

There is only one complaint I have heard and that is on account of the Viking house occupying Lot 501 which blocks Michigan Street. The removal of this house to another lot would undoubtedly improve the Street a great deal and be appreciated by the tenants who are leasing lots on this street and by the public in general.

The Lynch Barn occupying part of Empire Street was torn down, the fences moved back and a new barn built at an expense of \$302.58. This improvement is greatly appreciated by the people in the neighborhood and is a direct public benefit as it removed a bad and unsanitary situation.

There are 56 lots in this addition which are available for building purposes. Twenty of these, however, will probably never be used, as they are low and practically in a swamp. The city has asked permission to dump ashes on them this Spring and this if done each year may in time improve same to some extent.

BANCROFT LOCATION

Annual Rental \$228.00 including Donated Rents amounting to \$33.00. Nineteen lots leased at an annual rental of \$12.00. Total collections for the past year were \$208.00 and the uncollected balance \$175.74, \$105.50 of which is included in the Delinquent Tenant report. The balance of \$70.24 would have been taken care of had not Mr. Larson, the lessee, died and it is now a question what the widow will be able to do.

The lots are of good size but irregular in shape and the premises are well kept. The road running around Lake Bancroft and which passes through this location should be improved in places and sidewalks built. These improvements would be appreciated by the public as it is used a great deal for recreation purposes in the summer and would add to the general appearance of the location.

There is a parcel of ground at the north end of this location which, if filled in, would make suitable lots for building purposes.

NEBRASKA LOCATION

Annual Rental \$1224.50. Eighty-one lots at \$15.00, three half lots at \$7.50, one half lot at \$1.00 and one lot at \$1.00. Collected during 1910 \$1373.95. Uncollected balance \$1052.50, \$932.50 of which is included in our Delinquent Tenant Report. There are no uncollectible accounts. Premises are fairly well kept. The improvement of three of the Streets and the alleys would add to the general appearance of the location and would be appreciated by the tenants as in their present condition there is no incentive for better kept premises.

The taxes for 1910 paid by the Land Department on the lots in this location amounted to \$2244.51. The actual annual rental that will be received in case the recommendations as to Donated Rents are approved, will amount to \$1147.50 leaving a net loss to this Department of about \$1100.00 or more, annually.

HARD ORE LOCATION

We have fifty tenants in this location paying an annual rental of \$15.00 or a total of \$750.00. \$878.25 was collected during the past year, leaving \$221.26 uncollected. We have only three accounts that are causing us any trouble in collecting but we expect to have them taken care of this year.

The tenants, with very few exceptions, are Finns, and owing to a great number of the lots being poor and the conditions of the Streets not being the best, this location does not present a very good appearance. The Mining Department have about twenty-five Company houses in this location. Most of the lots are irregular in shape and of various sizes, and if some replat of some of them that are too large could be made, more room could be had for building purposes, as we have a number of applications each year from employes of the company for building lots in this and the Marquette Location. The land along the west and northwest side of Barn Street north of the L. S. & I. track, if not objectionable from a mining standpoint, might be laid out into lots and built upon.

DAVIS STREET SEWER

This work was started in November but owing to the trouble we had under the South Shore track, was not completed. Now that this matter has been taken care of satisfactorily by the railroad people we expect to have this work completed within a week or ten days. It probably would be well to put in some filling in the pond bottom to do away with any little water that we may not be able to drain off as our sewer cannot come low enough to drain the pond completely. Several of the tenants on Davis Street and the L. S. & I. Roundhouse have made connections with the sewer for their waste water.

MARQUETTE LOCATION

Annual rental \$1020.00; eight-one lots at \$12.00 per year, six half lots at \$6.00, two at \$1.00 and eleven for which we receive \$10.00 for gardening purposes. The rent collected amounted to \$1037.50, leaving a balance of \$527.00, of which amount \$452.00 is included in our Delinquent Tenant report. What was said of the lots and premises in the Hard Ore location might apply to this one also. The lower part of Jasper Street and part of Marquette and particularly where these streets meet, are practically impassable in the Spring and after heavy rains. A great deal of the water from the rest of this location collects here as there is practically no drainage.

Lots numbered 88 to 100 are irregular in shape and include more land than the other lots in this location. Quite a few of the other tenants have also pushed out their fences and the same thing is true of a number of the lots in the Hard Ore. If these lots were cut down to a certain size, quite a few more lots would be available for building purposes and in order to do this a replat of part of the location would be necessary.

HEMATITE LOCATION

Annual rental \$28.00; two lots at \$12.00 per year and four lots at \$1.00 used for gardening purposes. The Mining Department houses occupy six lots. The four lots used for gardening purposes are available for building but as this location is quite distant from Ishpeming there is no demand for same. There is no advantage in living so far from town unless the lots are large enough to enable the tenant to keep a cow, chickens, etc., and have some kind of a garden. Lots containing from one to three acres each laid out in places not too far from town that would not be needed for Mining purposes could be leased very readily.

LOTS - CITY OF MARQUETTE

The only outstanding contract on these lots was paid up the past year and a deed issued. We are at present working up some kind of a record for the

do it quick
Cleveland office showing the lots originally owned by this company in Marquette and the number sold and deeded, etc.

MISCELLANEOUS LOTS

The annual rental for 1910 was \$774.07. Total amount collected \$741.57. This account is made up principally of the rent received from the Standard Oil Co., \$150.00, Marquette County Gas & Electric Company for the Cleveland and Union Parks, \$225.00, Golf Club, \$75.00, Altschwager \$85.00, and the balance from various small parcels used for gardening and pasture purposes. There is an uncollected balance of \$139.33 which we expect to get this year.

The Golf people as previously reported, are subleasing to the extent of \$50.00 and over each year. This lease expired May 1st, 1905 and no renewal has been issued.

The Cleveland Park lease, for which we receive \$75.00 per year covers 135 acres and the total taxes paid by the Land Department for 1910 amounted to \$181.80.

FARM RENTS

Annual rental \$741.75 in which amount is included \$202.95, 1910 taxes. Rent and taxes collected during the year \$794.02. There is only one uncollected account of \$15.00 and will be taken care of this year. We have several farm leases within the City of Ishpeming covering forty acre tracts from which we receive \$35.00 per year and taxes. In one or two instances the lessees are complaining on account of the taxes and some concession will probably have to be made in the rental if they are to continue leasing the land. Practically all of this company's lands in and around Ishpeming, suitable for farming and gardening purposes, are taken up.

MISCELLANEOUS

The old Aetna Powder Company's magazine was sold to the Mining Department for \$30.00

EXCELSIOR IRON COMPANY

FIRST ADDITION

There is only one lot leased in this addition from which we receive *any vacant*
an annual rental of \$12.00. Only \$3.00 was collected for 1910 as this paid the
lease to January 1st., 1911.

BARNUM LOCATION

Annual Rental \$533.00; forty-three lots at \$12.00 per year, two at \$6.00
and three lots for \$5.00 used for gardening purposes. \$661.00 collected in 1910,
leaving a balance of \$688.50, of this amount \$357.00 is included in our Delinquent
Tenant Report. We have four accounts which we are having some trouble in collecting
amounting in all to \$267.50. However, we are keeping after them and expect to get
them all in this year.

Why
The street and alleys in this location are in poor shape. Last year
the Mining Department did some cleaning and \$56.62 was charged to this department
for its proportion. The premises are not as well kept as they should be.

MISCELLANEOUS LOTS

From this source we received \$647.50 which is the total annual rental
made up principally of the leases to the Consolidated Fuel & Lumber Company,
amounting to \$555.20 and the balance covers various small parcels used for gardening.
There is only one uncollected account of \$25.00 and will be taken care of this year.

FARM RENTS

The annual rental for 1910 was \$2439.41 including 1910 taxes \$837.50.
Total amount of collections \$2264.91. Uncollected balance \$3446.69. A lot
of this money is tied up on account of the leases being cut up by the L. S. & I.
right of way to North Lake and settlements for improvements destroyed have not been
effected. The annual rental we receive from forty acre tracts average from \$25.00
to \$40.00 and taxes. The taxes on the lands within the Ishpeming City limits
are very high and for this reason tenants are complaining and want reductions.
Unless the rentals are lowered a number of the leases will be abandoned each year.

MISCELLANEOUS RENTS

\$10.00 received from C. G. Thompson for use of the Guido house for two months.

PIONEER IRON COMPANY

SECOND ADDITION

We are at present only leasing two lots in this addition for each of which we receive an annual rental of \$15.00 and taxes. The Land Department is paying taxes on about one hundred lots in this addition. Should not the Mining Department pay taxes on all the lots that are not available for building purposes either through a sale or under a lease?

Why not

EXCELSIOR FURNACE LOCATION

The lease from the Lake Superior Iron Company covering the Excelsior Furnace Site expired January 1st., 1910 and was not renewed. We collected, during the past year, all the back rent due to that date, amounting to \$65.00. We wrote Mr. W. H. Johnston, General Superintendent, giving him all the information we had with reference to the tenants.

MISCELLANEOUS LOTS

Annual rental \$687.00. We collected, during 1910, \$634.50. This account is made up chiefly of the rents received from the Consolidated leases and the Independent in the old Furnace location. Two new leases were issued in 1910, to the Consolidated, one for their factory site at \$200.00 per year and taxes and the other for their coal trestle for \$25.00. There is one uncollected account \$6.00.

FARM RENTS

The only description under lease is the old Iron Kiln farm for which we receive \$35.00 annually.

MISCELLANEOUS

The old Lackawanna engine house was sold during the past year for \$50.00 and \$12.00 was received from Dr. Sheldon for two seasons' pasture.

JACKSON IRON COMPANY

RENTED BUILDINGS

The twenty-one buildings were all tenanted during the past year and the total earnings amounted to \$1903.09. The total collections were \$1939.78 and there is still an uncollected balance of \$14.00 which will be taken care of this year. The total cost of operating including repairs, insurance and taxes amounted to \$1435.17, leaving a net earning of \$467.92. The repairs consisted chiefly of necessary carpenter work, chimneys, interior decoration, patching plastering and the outside painting of a number of the houses. There are still three houses to be painted.

The old Jackson houses are in only fair condition as the plastering in some of them is not very good and the roofs in several cases are leaking. The two double houses on Barn Street and the old McNeil property are occupied by Italians, as these houses are not in such condition that any other people will live in them. With these exceptions and one other our tenants are a good class of people and keep neat homes. Four of the houses need fencing and something should be done to the roof on the Merry house. A fence was constructed around a number of the houses but the cost was charged to the L. S. & I. right of way and will be carried in that account until definitely known just what proportion of the fencing the railway people will assume.

PLATTED PORTION

The annual rental for 1910 amounted to \$1151.33, the average rentals running from \$12.00 to \$20.00 for each lot, depending on the location. \$1224.33 was collected. Donated rents amounted to \$22.00. There is an uncollected balance of \$903.99 made up principally of three accounts, \$347.66, included in our Delinquent Tenant report and \$363.33 due on the Collins lot. No uncollectible accounts. There are no written leases on the lots in this addition and in a number of places the fence lines do not agree with the lot lines of the plat and if leases are to be issued this matter should be corrected. All the best lots in this addition have been sold and are occupied by a more prosperous class of people

than those to whom we are leasing. The leased lots in most cases are uneven and for that reason unfavorable to well kept premises. The streets are not in very good condition and sidewalks have been built only in a few places and for this reason the general appearance of the location is not as good as it might be.

W. D. Hughes
Most of the lots available for building purposes need some improvements and prospective lessees figure that the cost to put these lots in proper condition is more than they should stand on leased lots.

MISCELLANEOUS LOTS

148 various parcels were rented during 1910 for a total rental of \$1507.50, the rentals running from \$1.00 to \$25.00 depending on the size of the parcel and the purpose for which it is being used. We collected \$1810.54, leaving an uncollected balance of \$976.16 of which amount \$382.00 is included in our Delinquent Tenant report and the balance chiefly of a number of accounts which we are having some difficulty in collecting.

The premises in general are fairly well kept although proper street improvements, sidewalks and, in some cases, fences would add a great deal to their appearance.

FARM RENTS

Only one farm lease in force, held by W. D. Hughes of Escanaba, annual rental \$30.00 and taxes and covers the N. $\frac{1}{2}$ of the NW $\frac{1}{4}$ and the NW $\frac{1}{4}$ of the NE $\frac{1}{4}$ of section 4-37-19.

FARM LAND SALES

Amounted to \$840.00, made up of sales to the following:

Andrew Peterson	Lot 3	9-38-19	\$350.00
Nick Thill	Pt. SW $\frac{1}{4}$ of SW $\frac{1}{4}$	9-38-19	50.00
Wm. F. Laux	SE $\frac{1}{4}$ of NE $\frac{1}{4}$	30-38-19	200.00
Holger Dolgard	SW $\frac{1}{4}$ of SE $\frac{1}{4}$	17-38-19	240.00
	Total		\$840.00

BOARD

Only two of the old Jackson contracts have not been paid up; one is held by Mrs. Elsie Peterson and will be taken care of, she has promised us, not later than May 1st., 1912, the other is held by Chas. Arnold and covers Lots 3 and 4 and the E. $\frac{1}{2}$ of the SE $\frac{1}{4}$ of Section 24-38-20, on which there is a balance due of about \$300.00. We at one time served a notice of forfeiture, but you decided that inasmuch as he had paid \$350.00 we should give him another chance to settle up and get a deed. We were informed by Mr. Peterson last Fall that Arnold is still occupying the land and wishes an extension for about a year to complete payment. We will keep after this matter and try to get it closed up this year.

MISCELLANEOUS

During the year \$26.24 was received for gravel, sand and building stone, sold to various parties. The City of Negaunee has been taking gravel from the pit near the Powder House for the past two years without being charged therefor, and it is a hard matter to keep track of others taking gravel from the same place. Would it not be well, therefore, that we enter into some arrangement with the City covering this gravel pit whereby they pay us a certain amount each year and they be allowed to deal with the outside parties?

MAAS MINE CUT-OFF

Fences were built during the past year around all of the houses moved on account of this right of way and we have had no complaints from this source.

MICHIGAMME COMPANY

RENTED BUILDINGS

Fifteen buildings were occupied the greater part of last year and the total rental amounted to \$888.50. We collected \$944.85 and there was still a balance due, at the end of the year, \$66.00, made up principally of the Goodnow account amounting to \$35.00 which has since been paid and \$20.00 due from Dr. Sicotte for the December rental of the Hospital which did not get in before the books were closed.

The total repairs amounted to \$53.62 and consists mainly of small items, the largest being the cost of the repairs to the porch of the Goodnow house, \$23.15. The total operating cost, including repairs, insurance, taxes and depreciation, amounted to \$331.47 and these buildings show a net earning for the year of \$557.03.

I visited Michigamme several times during the past year and went over a number of the houses and other buildings and also various parcels of land being used for gardening purposes. Except the Goodnow house and the Hospital very few of them are fit to live in, especially in the winter time, and it would hardly pay to repair them unless the future of Michigamme were known and we could be reasonably sure of keeping them tenanted. Would, therefore, recommend that they be sold for what we can get and have the purchasers make their own repairs and pay a monthly ground rent for the land which they occupy. These buildings, particularly in the Mining Location, are built very close to each other and owing to the children playing around them there is considerable fire risk. This is also true of the old mine and Mill buildings and Mr. Carlson, the watchman, told me that they had several narrow escapes during the past few years.

MISCELLANEOUS LOTS

Total Annual Rental for 1910, \$128.00. Rent collected \$95.75. An uncollected account of \$1.00 due from the Y. M. C. A. for their summer camp site. This account is made up principally of the rentals for the summer cottage sites leased to Messrs. Newett and Wahlman and Rev. Allen and the pasture used by Mr. Carlson.

A site for a summer cottage was leased during the past year to Rev. M. M. Allen of Ishpeming, covering the W. $\frac{1}{2}$ of Lot 3, Section 29-48-30 and Lots 6 and 7 of Section 28 was leased to the Ishpeming Y. M. C. A. for a Summer Camp Site at a nominal rental of \$1.00 per year and taxes. There are now three leases, covering the Cottage Sites, in force from which we receive an annual rental of \$70.00 per year and there are still three half lots and one whole lot on the South shore of Lake Michigamme that might be used for this purpose. Mr. L. Eaton of Ishpeming is considering the building of a Cottage there next summer and has an application in this office for a site. A survey should be made of these

lots and the lines of each definitely located. This work is more easily done while snow is on the ground.

MISCELLANEOUS

\$60.00 was received for some old mine machinery that was taken to the Imperial Mine.

Our records with reference to the lots in Michigamme proper are not what they should be and some attempt should be made this year to get this matter in shape.

THE MUNISING COMPANY

FARM LAND SALES

Amounted to \$3080.00, \$2800.00 of which were made to Finlanders on Sections 24 and 25, 46-22, through Adolph Nyman and Leo. M. Geismar. Four of these sales, covering 320 acres under four separate 80 acre contracts were at \$6.50 per acre and three forty acre sales were made at \$6.00. A \$280.00 sale covering the E. $\frac{1}{2}$ of the SE $\frac{1}{4}$ 26-46-22 south of the railroad, was made to Bert and Corneil Huntley at \$7.00 per acre.

Holland Colony

any lots

The only new sale on this company's land was the last mentioned, to Bert and Corneil Huntley, amounting to \$280.00. The contracts issued to Joseph Beke and Hector Mortague seem to have been abandoned and the one to Medrick Gereau has been forfeited.

Chatham Farmers

*look it up
which
are these
the old mineral
sales*

Five of the contracts to these people are not being paid up very rapidly. Mr. Wyman's last report does not state definitely as to the timber still standing on these lands and until this information is secured it is difficult to say just what action should be taken with reference to these contracts. The old contract to Matt Leippa was transferred during the past year to Henry Herrala and has been paid up and a deed issued.

CHATHAM LOTS

Two sales of \$100.00 each were made during the past year to Gust Koski

and John Seppala. There are still twenty-two lots, including the one reserved for church purposes, not sold.

I have not as yet had time to visit Chatham and on that account am unable to report as to the general condition of the place.

MUNISING LOTS

There were no sales of this company's lots in the Village of Munising during the past year.

MISCELLANEOUS

\$6.00 was received from Mr. D. McKinnon for the rent of the E. $\frac{1}{2}$ of Section 18-46-20 for camping purposes and the sale of one map amounted to \$1.50. One of the old Sutherland-Onnes camp buildings at Eben was sold to Henry Herrala for \$10.00.

MISCELLANEOUS

From this source we received \$32.50 being one year's rental of the Anna River Clubhouse and the rental of the E. $\frac{1}{2}$ of Section 18-46-20 for camping purposes to two Chicago parties, also some of the odd parcels occupied by the old shacks near the Eben Crusher.

EAST MUNISING HOUSES

Three of these houses were sold, two for \$75.00 each and one for \$100.00, which are being paid for in monthly installments of \$5.00. It is the intention to have these sales covered by some kind of a document and as soon as suitable descriptions can be had for the land occupied by them leases will be issued covering each parcel at a rental of \$6.00 per year.

MUNISING RAILWAY COMPANY

MUNISING LOTS

The sales of the past year amounted to \$3393.54, as follows:

Chas. Bjurnas	Lot 16 Block 13 Home	\$ 175.00
Mrs. Anna Seeley	Lot 24 Block 12 "	150.00
Mrs. Adel Ouellette	Lot 6 Block 1 Original Plat	207.50
John N. Korpela	Lot 13 Block 9 " "	350.00
D. J. Berean	Lot 22 Block 11 " "	70.00
Alex Trombly	Lot 22 Block 11 " "	1241.04
H. B. Freeman	South 32.7 ft. of Lot 17 and Lot 18 Block 10 Walbridge	1165.00
George A. Kessler	North 2 ft. of Lot 17 Block 10 Walbridge	<u>35.00</u>
	Total	\$3393.54

In the case of the Ouellette contract we only took into consideration the difference between the balance due on the old contract and the consideration of the new one, and in the sale of the Bowerman house and lot to D. J. Berean and Alex Trombly we have taken the amount of the sale to Trombly, \$1241.04 and the payments made by Berean, amounting to \$70.00

All of our contract accounts with the exception of the one to John F. Maki, are in good condition. During the year the old contracts to Louis Ouellette and Emil Weiss were all taken care of and the accounts disposed of on our books.

\$60.00 was received for the rental of the three lots to the Munising Foundry Company, \$50.00, and two years' rent from Bissell and Stebbins for the lot next to their store building used for storage purposes.

MISCELLANEOUS LOTS

Total annual rental is \$28.00. \$25.00 was collected the past year and there is still a balance due of \$4.00, which has, however, been taken care of since the closing of our books.

RENTED BUILDINGS

The Bowerman house was rented up to the time it was sold and our receipts from this source amounted to \$29.60.

BAY MILLS LAND & LUMBER COMPANY

RENTED BUILDINGS

Eighteen were occupied during the past year and the earnings amounted to \$428.21. The total cost of operating, including repairs, insurance and uncollectible accounts, amounted to \$144.42, showing a net earning of \$283.79. There is an uncollected balance of \$75.90.

FARM RENTS

Two leases are in force, one at \$15.00 per year and the other at \$20.00 and taxes. \$38.75 was collected during 1910. There is an uncollected balance of \$8.70, 1909 taxes.

MISCELLANEOUS LOT RENTS

\$25.00 for the lease of the railroad right of way to L. Andersom Company over Sections 7 and 18, 46-3.

MISCELLANEOUS RENTS

\$20.00 for the rental of two ice houses.

Respectfully submitted,
(SIGNED) A. J. Erickson
Collector.

THE CLEVELAND - CLIFFS IRON COMPANY

Land Department

COMPARATIVE STATEMENT OF RECEIPTS FOR YEARS 1910 AND 1909

RECEIPTS	1910 12 MONTHS	1909 13 MONTHS
Earnings - Rented Buildings General ☆	5084.75	5127.23
" - Williams Hotel & Cottages	11564.59	5855.13
" - Miscellaneous Sources	80.00	354.00
Earnings or Sales - Grand Island	5715.89	4245.36
Sales - Greenhouse	7492.62	7584.65
" - Nursery	274.71	2246.01
" - Alger County Farm	3508.18	4006.11
" - Fish Hatchery	3202.79	2606.15
" - Limestone Job	2677.25	3874.78
" - Limestone Building Rock	328.07	113.23
" - Saw Mill Plant	125056.46	93279.82
" - Stumpage	40317.98	43934.39
" - Timber	100.00	
" - Farm Lands	7139.00	10676.00
" - Land and Timber	60.00	
" - Munising House and Lots	32875.00	2300.00
Lot Rents Received - Pendill Location	323.00	339.00
" " " - E. N. Y. Miscellaneous	192.50	167.50
" " " - Miscellaneous	272.00	283.45
" " " - Munising		1.00
Rents Received - Farms	90.00	112.50
" " - Miscellaneous	20.50	50.00
Interest Received - General	2856.03	2257.41
Trespass Cases	129.71	214.26
Profit on Sales of Tax Titles	111.17	
Sales of Forest Products - Alger County Road		1940.18
" " " " - Coalwood		156.51
" " " " - Miners		165.30
" " " " - Russell		2631.84
" " " " - Walbridge Job		1256.48
" " Walbridge Hemlock Logs		168.97
TOTAL RECEIPTS	249472.20	195947.26

☆ Includes Monthly Donation of \$75.00 to the Munising Y. M. C. A. Rental.

THE CLEVELAND - CLIFFS IRON COMPANY

Land Department

COMPARATIVE STATEMENT OF EXPENDITURES FOR YEARS 1910 AND 1909

EXPENDITURES	1910 12 MONTHS	1909 13 MONTHS	1910 12 MONTHS	1909 13 MONTHS
Operating Land Dep't - General			96359.31	100119.40
Central Office	15372.14 ✓	21808.51 ✓		
Insurance	25.50 ✓			
Selling Expense	527.41 ✓	625.01 ✓		
Advertising	20.00 ✓			
Landlooking	3250.76 ✓	3907.99 ✓		
Forestry	1069.94 ✓	1538.15 ✓		
Watchman	60.00 ✓	65.00 ✓		
Taxes	72592.29 ✓	66315.73 ✓		
Miscellaneous				
Eagle Mills Experiment	109.77 ✓			
Upkeep of Buildings	1.75 ✓	3.40 ✓		
Greenhouse Shrub. Garden	26.00 ✓			
Munising Village Imp.	111.36 ✓	474.71 ✓		
Sidewalks, Curbs & Fences	99.00 ✓	8.80 ✓		
Stocking Streams	3093.39 ✓	2550.52 ✓		
Negaunee Town Imp.	3441.21 ✓	667.44 ✓		
Lac La Belle Estimate No. 1		880.02 ✓		
" " " " " 2		1274.12 ✓		
Interest Paid		859.01	1027.51	371.96
Uncollectible Accounts			5.36	83.50
Total Cost Operating Grand Island			16309.96	14087.86
" " " Wm's Hotel & Cot.			14821.60	7085.41
" " " Fish Hatchery			1844.30	2587.21
" " " Limestone Job			2699.51	4016.83
" " " Limestone Bldg. Rock			328.07	108.16
" " " Alger County Farm			10312.07	8865.72
" " " Greenhouse			8962.86	8723.96
" " " Nursery			938.21	2133.71
" " " Rented Bldgs. Gen.			5084.75	6029.23
" " " Saw Mill Plant			120191.88	206901.84
TOTAL EXPENDITURES			278885.39	361114.79

Compare these by years

THE CLEVELAND - CLIFFS IRON COMPANY

LAND DEPARTMENT

COMPARATIVE STATEMENT OF OPERATIONS FOR YEARS 1910 AND 1909

OPERATION	TOTAL OPERATING		EARNINGS OR SALES		INVENTORY			PROFIT OR LOSS	
	1910	1909	1910	1909	1910	1909	1908	1910	1909
	12 MONTHS	13 MONTHS	12 MONTHS	13 MONTHS				12 MONTHS	13 MONTHS
Grand Island	16309.96	14087.86	5715.89	4187.36	(1)			10594.07	9900.50
Williams Hotel and Cottages	14821.60	7085.41	11564.59	5855.13				3257.01	1230.28
Fish Hatchery	1844.30	2587.21	3202.79	2606.15				1358.49	18.94
Limestone Job	2699.51	4016.83	2677.25	3874.78				22.26	142.05
Limestone Building Rock	328.07	108.16	328.07	113.23					5.07
Alger County Farm	10312.07	8865.72	3508.18	4006.11				6803.89	4859.61
Greenhouse	8962.86	8723.96	7492.62	7584.65				1470.24	1139.31
Nursery	938.21	2133.71	274.71	2246.01				663.50	112.30
Rented Buildings - General	5084.75	6029.23	5084.75	5127.23					902.00
Saw Mill	70366.34	146273.88	70796.51	40282.70	102462.31	121058.20	16506.81	18165.72	1439.79
Lath Mill	2723.27	6039.28	6284.42	4763.94	624.62	4185.77	2894.38		16.05
Shingle and Tie Mill	12308.19	14521.64	13410.86	1789.96	12764.92	14511.68	1734.60	644.09	45.40
Slabwood	3195.88	3403.69	5026.97	5874.77	677.60	317.43	734.10	2191.26	2054.41
Retail Yard	31598.20	36663.35	29537.70	40568.45	6268.78	5866.58	6237.27	1658.30	3534.41

REMARKS:

- (1) Lodge Earnings \$58.00 did not appear on Cost Sheet
Red figures indicate Profit.

*X why such increase
away off from estimate*

*get at this business
more carefully
make these things some ones
stunt or a profit slaying
or % of saving etc*

THE CLEVELAND - CLIFFS IRON COMPANY

Land Department

STATEMENT OF GREENHOUSE SALES FOR YEAR 1910

MONTH	CUT FLOWERS	PLANTS	MISCELLANEOUS	TOTAL
January	359.12	27.81	11.80	398.73
February	387.68	32.05	4.71	424.44
March	559.92	214.62	9.78	784.32
April	384.81	39.60	14.74	439.15
May	463.45	198.22	28.73	690.40
June	632.10	648.24	49.57	1329.91
July	523.44	224.04	13.26	760.74
August	328.75	15.42	9.63	353.80
September	393.56	23.10	26.64	443.30
October	381.69	19.11	28.10	428.90
November	527.08	102.55	67.65	697.28
December	611.25	80.70	49.70	741.65
TOTAL	5552.85	1625.46	314.31	7492.62

COMPARATIVE STATEMENT OF GREENHOUSE SALES

YEAR	CUT FLOWERS	PLANTS	MISCELLANEOUS	TOTAL
1901	2637.94	754.40	9.45	3401.79
1902	2834.75	849.99	60.72	3745.46
1903	3107.03	1236.31	58.36	4401.70
1904	3270.70	805.22	32.95	4108.87
1905	3302.37	745.00	56.36	4103.73
1906	2537.80	980.32	57.55	3575.67
1907	3133.19	886.64	197.97	4217.80
1908	3708.32	807.09	308.55	4823.96
1909	5345.53	1905.90	333.22	7584.65
1910	5552.85	1625.46	314.31	7492.62

THE CLEVELAND - CLIFFS IRON COMPANY

LAND DEPARTMENT

STATEMENT OF NURSERY SALES FOR YEAR 1910

MONTH	TREES ORNAMENTAL	TREES FRUIT	SHRUBS ORNAMENTAL	SHRUBS FRUIT	VEGETABLES PLANTS	BERRIES	MISCELLANEOUS	TOTAL
January								
February								
March								
April	34.90	25.25	.20	4.00				64.35
May	.95	21.35	20.80	6.47	1.01			50.58
June	9.00		3.25					12.25
July						10.28		10.28
August						76.77		76.77
September	.25		2.60					2.85
October	.80	1.80	13.45	24.60			.85	41.50
November	17.50							17.50
December					1.37			1.37
TOTAL	63.40	48.40	40.30	35.07	.36	87.05	.85	274.71

THE CLEVELAND - CLIFFS IRON COMPANY

LAND DEPARTMENT

STATEMENT OF ALGER COUNTY FARM SALES FOR YEAR 1910.

MONTH	LIVESTOCK	POULTRY AND EGGS	MILK AND BUTTER	FIELD CROPS AND VEGETABLES	ORCHARDS AND SMALL FRUITS	HOUSE RENTS	MISCELLANEOUS	TOTAL
January		.20	11.45			10.00	18.71	40.36
February		.80				5.00	18.71	24.51
March		1.15	9.90			5.00	8.60	24.65
April		17.48	15.75				2.00	35.23
May		7.75	16.20		12.40	5.00		41.35
June		4.00	26.10	3.01		5.00	6.68	44.79
July		3.00	28.00		481.82		2.13	514.95
August		14.22	75.98	81.83	3.14	10.00		185.17
September		2.80	89.68	416.53		5.00	.30	514.31
October		.30	20.84	10.00		5.00		36.14
November		.68	37.65	50.41				88.74
December	1140.08		19.67	776.73		20.00	1.50	1957.98
TOTAL	1140.08	52.38	351.22	1338.51	497.36	70.00	58.63	3508.18

THE CLEVELAND - CLIFFS IRON COMPANY

Land Department

STATEMENT OF RECEIVABLE ACCOUNTS - YEAR 1910

ACCOUNT	AMOUNT DUE DEC. 31, 1909	AMOUNT CHARGED DURING 1910	AMOUNT RECEIVED DURING 1910	AMOUNT DUE DEC. 31, 1910
Pendill Lot Rents Rec.		323.00	323.00	
E. N. Y. Misc. Lot Rents Rec.	15.00	174.50	192.50	3.00
Misc. Lot Rents Rec.	2.00	267.50	272.00	6.50
Rented Bldgs. Earnings Rec.	75.00	5085.75	5088.00	72.75 ✓
Mun. House & Lot Sales Rec.	29628.28	35072.62	10538.02 ✕	54162.88 ✓
Farm Rents Rec.	25.00	115.00	90.00	50.00
Farm Land Sales Rec.	10946.77	7695.85	7792.73 +	10849.89 ✓
	40688.05	48734.22	24296.25 ✕	65126.02

☆ 172.62 of this amount is Correcting Entries.

+ how much delinquent

THE CLEVELAND - CLIFFS IRON COMPANY

Land Department

COMPARATIVE STATEMENT OF DISTRIBUTION OF TAXES FOR YEARS 1910 AND 1909

ACCOUNT	1910	1909	1910	1909
Operating Land Department			72592.29	66315.73
Not Charged Out ☆			266.99	
Due to Iron Cliffs Co., L.D.			26.45 ✓	
" " Pioneer Iron Co., L.D.			330.48 ✓	
Greenhouse			142.24	147.94
Nursery			79.32	82.63
Alger County Farm			111.52	95.03
Williams Hotel & Cottages			95.03	13.20
Fish Hatchery			5.98	4.70
Limestone Job			11.51	
Grand Island			80.17	65.40
Saw Mill Plant			1066.09	918.47
Rented Buildings General			771.18	752.99
Farm Land Sales Rec.			403.95	279.64
Del. Taxes-Farm Rents Rec.			.54	.60
Lumbering Department			2958.74 -	3597.06 ✓
Furnace Department			48.08 -	
Mining Department			1036.40 -	590.68 ✓
Wm. G. Mather			1241.35 -	1309.99 -
Accounts Receivable			488.53 -	698.50 -
Jackson & Tindle	265.70	249.93		
C. H. Worcester Co.	87.95	75.85		
H. E. Leaper	109.75	97.12		
Northwestern Coop. & Lbr. Co.		247.92		
Con. Fuel & Lbr. Co.	21.19	20.33		
Republic Lumber Co.		7.35		
Thomas Connors	3.94			
Total			81042.98	74872.56
Less			1892.86	1508.14
Entries during Year	651.51	198.15		
W.G.Mather's Taxes	1241.35	1309.99		
Taxes as per Comparative Tax Statement			79150.12 ✓	73364.42 ✓

☆ Paid after Books were Closed.

What costs should he pay for attending to this

THE CLEVELAND - CLIFFS IRON COMPANY

Land Department

STATEMENT OF EXCHANGE - YEAR 1910

No expenditures for Exchange during Fiscal Year 1910.

THE CLEVELAND - CLIFFS IRON COMPANY

LAND DEPARTMENT

COMPARATIVE STATEMENT OF DONATIONS FOR YEARS 1910 AND 1909

	DATE OF AUTHORIZATION		AUTHORIZED BY	AMOUNT	
	1910	1909		1910 12 Months	1909 13 Months
Munising Y. M. C. A. Rental	Dec. 9, 1908	Dec. 9, 1908	Wm. G. Mather, President	900.00	975.00
Munising Hospital Association	Nov. 13, 1909		Do.	112.50	
Swedish Evan. Luth. Con., Munising		February 28,	C. V. R. Townsend, Land Agent		16.00
Munising Fire Department		March 30,	Do.		10.00
Negaunee Fire Department		March 30,	"		5.00
Company I. 3rd Reg. M. N. G.		April 30,	"		5.00
Alger County Poultry Association		May 30,	"		10.00
Alger Co. 4th of July Celebration <i>Expenses for night</i>		July 1,	"		25.00
TOTAL				5.00 1017.50 1012.50	1046.00*

** Does not include Munising Co. donations*

THE CLEVELAND - CLIFFS IRON COMPANY

Land Department

STATEMENT OF GAME PURCHASED DURING YEAR 1910

103 Chickens	60.33
Express Charges	<u>8.77</u>
Total	69.10

What for

THE CLEVELAND - CLIFFS IRON COMPANY

Land Department

STATEMENT OF GAME SOLD DURING YEAR 1910

29 Native Deer	480.00
20 Elk	775.00
520 lbs. Grass Pike from Echo Lake	34.95
Total	1289.95

THE CLEVELAND - CLIFFS IRON COMPANY

Land Department

STATEMENT OF FISH HATCHERY - YEAR 1910

<u>SPECKLED TROUT</u>		
Eggs on Hand Dec. 31, 1909		460500
Eggs Taken during Year		290500
Eggs Hatched during Year	450000 or 59.9 %	
Eggs Lost during Year	10500 or 1.4 %	
Eggs on Hand Dec. 31, 1910	290500 or 38.7 %	
Fry Hatched during Year		450000
Fry Lost during Year	12136 or 2.6 %	
Fry Planted during Year	435000 or 96.6 %	
Fry Sold during Year	2864 or .8 %	
Yearlings on Hand Dec. 31, 1909		16017
Yearlings Lost during Year	103 or .6 %	
Yearlings Transferred to Pond Fish	15914 or 99.4 %	
Pond Fish on Hand Dec. 31, 1909		9188
Pond Fish Transferred from Yearlings		15914
Pond Fish Caught in Trap		46
Pond Fish Lost during Year	1253 or 5.0 %	
Pond Fish on Hand Dec. 31, 1910	23895 or 95.0 %	
<u>STEELHEAD SALMON TROUT</u>		
Eggs Purchased		50000
Eggs Hatched	49455 or 98.5 %	
Eggs Lost	545 or 1.5 %	
Fry Hatched		49455
Fry Planted	46136 or 93.4 %	
Fry On Hand Dec. 31, 1910	3319 or 6.6 %	
<u>LAND LOCKED SALMON TROUT</u>		
Eggs Purchased		10000
Eggs Hatched	9942 or 99.4 %	
Eggs Lost	58 or .6 %	
Fry Hatched		9942
Fry Planted	9742 or 98.0 %	
Fry Lost	200 or 2.0 %	
<u>RAINBOW TROUT</u>		
Pond Fish on Hand Dec. 31, 1909		22
Pond Fish on Hand Dec. 31, 1910	22 or 100. %	

THE CLEVELAND - CLIFFS IRON COMPANY

Land Department

STATEMENT OF FISH PLANTED AND SOLD DURING YEAR 1910

<u>BROOK TROUT FRY</u>		
Anna River		80000
Wagner Falls	10000	
Anna River (South)	10000	
Hatchery Creeks	10000	
Anna River (Proper)	50000	
Slapneck Creek		20000
Au Train River		20000
White Fish River		20000
Miners River		15000
Munising Falls Creek		10000
Addis Lakes		20000
Bay Furnace Creek		10000
Berdans Farm		10000
Hallston (Brickyard)		20000
Valley Spur		5000
Munising Junction		15000
Bohemia Creek		15000
Black Creek		15000
Limestone Creek		10000
Gull Point (Grand Island)		25000
Long Lake		75000
Round Lake		20000
Studds Creek		20000
Wetmore (Cox Bros.)		10000
		<u>435000</u>
Sold to Huron Mountain Club		2864
<u>STEELHEAD SALMON TROUT</u>		
Miners River	15000	
Au Train River	15000	
Perch Lake	10000	
Miners River (Below Falls)	<u>4000</u>	44000
Sold Huron Mountain Club		2136
<u>LAND LOCKED SALMON TROUT</u>		
Round Lake		9742

THE CLEVELAND-CLIFFS IRON COMPANY

LAND DEPARTMENT

STATEMENT OF INSURANCE IN FORCE DECEMBER 31st, 1910.

POLICY NO.	AGENCY	PROPERTY INSURED	LOCATION	TERM	EXPIRATION	AMOUNT	RATE	PREMIUM	ACCRUED			BALANCE UNEARNED PREMIUM	FIRE LOSS
									CURRENT YEAR	PREVIOUS YEARS	TOTAL		
1060	Marquette National Bank	Northern Lumber Co. - Saw Mill Plant and Stock	Birch, Mich.	1 Year	1-10-1911	1000.00	2.746	27.46	26.15		26.15	1.31	
416283	Do.	Do.	Do.	"	1-10-1911	5000.00	2.746	137.30	130.78		130.78	6.52	
574	"	"	"	"	1-25-1911	2000.00	2.746	54.92	51.26		51.26	3.66	
4042318	"	"	"	"	2- 7-1911	3000.00	2.746	82.38	74.14		74.14	8.24	
192702	"	"	"	"	2- 7-1911	2500.00	2.746	68.65	61.78		61.78	6.87	
184857	"	"	"	"	2- 7-1911	2000.00	2.746	54.92	49.43		49.43	5.49	
84594	"	"	"	"	2- 7-1911	3000.00	2.746	82.38	74.14		74.14	8.24	
763	"	"	"	"	2- 7-1911	2000.00	2.746	54.92	49.43		49.43	5.49	
101529	"	"	"	"	2-14-1911	2500.00	2.746	68.65	60.64		60.64	8.01	
6468161	"	"	"	"	2-14-1911	2500.00	2.746	68.65	60.64		60.64	8.01	
1218614	"	"	"	"	2-14-1911	2500.00	2.746	68.65	60.64		60.64	8.01	
220164	"	"	"	"	10-20-1911	2000.00	2.746	54.92	10.96		10.96	43.94	
444570	"	"	"	"	11- 1-1911	5000.00	2.746	137.30	22.88		22.88	114.42	
757189	"	"	"	"	11- 1-1911	2500.00	2.746	68.65	11.44		11.44	57.21	
2587972	"	"	"	"	11- 1-1911	5000.00	2.746	137.30	22.88		22.88	114.42	
864	"	"	"	"	11- 1-1911	6500.00	2.746	178.49	29.75		29.75	148.74	
101596	"	"	"	"	11- 1-1911	2500.00	2.746	68.65	11.44		11.44	57.21	
196632	"	"	"	"	11- 1-1911	7500.00	2.746	205.95	34.32		34.32	171.63	
2399657	"	"	"	"	11- 1-1911	3000.00	2.746	82.38	15.73		15.73	66.65	
3071	"	"	"	"	11- 1-1911	5000.00	2.746	137.30	22.88		22.88	114.42	
1120	"	"	"	"	11- 1-1911	3000.00	2.746	82.38	15.73		15.73	66.65	
685967	"	"	"	"	11- 1-1911	5000.00	2.746	137.30	22.88		22.88	114.42	
2474	"	"	"	"	11- 1-1911	5000.00	2.746	137.30	22.88		22.88	114.42	
6990128	"	"	"	"	11- 1-1911	2500.00	2.746	68.65	11.44		11.44	57.21	
246487	"	"	"	"	11- 1-1911	5000.00	2.746	137.30	22.88		22.88	114.42	
8397977	"	"	"	"	11- 1-1911	5000.00	2.746	137.30	22.88		22.88	114.42	
12097	"	"	"	"	11- 1-1911	5000.00	2.746	137.30	22.88		22.88	114.42	
2262362	"	"	"	"	11- 1-1911	4000.00	2.746	109.84	18.31		18.31	91.53	
17629	"	"	"	"	11- 1-1911	2500.00	2.746	68.65	11.44		11.44	57.21	
4565	"	"	"	"	11- 1-1911	3500.00	2.746	96.11	16.02		16.02	80.09	
3260	"	"	"	"	11- 1-1911	5000.00	2.746	137.30	22.88		22.88	114.42	
1218630	"	"	"	"	11- 1-1911	2500.00	2.746	68.65	11.44		11.44	57.21	
1642	"	"	"	"	11- 1-1911	7000.00	2.746	192.22	32.04		32.04	160.18	
50296	"	"	"	"	11- 1-1911	2500.00	2.746	68.65	11.44		11.44	57.21	
1845	"	"	"	"	11- 1-1911	11000.00	2.746	302.06	50.24		50.24	251.82	
3618174	"	"	"	"	11- 1-1911	7500.00	2.746	205.95	34.32		34.32	171.63	
3944	"	"	"	"	11- 1-1911	3000.00	2.746	82.38	15.73		15.73	66.65	
222117	"	"	"	"	11- 1-1911	5000.00	2.746	137.30	22.88		22.88	114.42	
1501	"	"	"	"	11- 1-1911	5000.00	2.746	137.30	22.88		22.88	114.42	
1911	"	"	"	"	11- 1-1911	7500.00	2.746	205.95	34.32		34.32	171.63	
5137	"	"	"	"	11- 1-1911	7500.00	2.746	205.95	34.32		34.32	171.63	
5956031	"	"	"	"	11- 1-1911	5000.00	2.746	137.30	22.88		22.88	114.42	
9720329	"	"	"	"	11- 1-1911	2700.00	2.746	74.14	12.36		12.36	61.78	
120440	"	"	"	"	11- 1-1911	2000.00	2.746	54.92	9.15		9.15	45.77	
7394	"	"	"	"	11- 1-1911	2000.00	2.746	54.92	9.15		9.15	45.77	
					TOTAL	185200.00		5085.59	1420.24		1420.24	3665.35	

SUMMARY
CHARGED TO COST SHEET OPERATIONS

	AMOUNT	PREMIUM	ACCRUED			BALANCE UNEARNED PREMIUM	FIRE LOSS
			CURRENT YEAR	PREVIOUS YEARS	TOTAL		
Rented Buildings	60500.00	1616.13	312.93	66.04	378.97	1227.16	
Less Munising Y. M. C. A.	13500.00	219.76	111.39		111.39	108.37	
Saw Mill Plant	47000.00	1396.37	201.54	66.04	267.58	1128.79	
Limestone Crusher	17500.00	3294.89	356.58	28.59	384.17	2820.22	
Fish Hatchery	3500.00	82.50	4.04		4.04	48.46	
Launch "Grand Island"	1000.00	20.65	.56		.56	19.99	
Hotel Williams	1500.00	73.48	73.48		73.48		
Trout Bay, Stone Quarry and Boatman's Cottages	22000.00	490.55	412.03	9.44	421.47	59.08	
Grand Island Cottages and Barns	5200.00	119.60	34.59	23.21	57.80	61.80	
Negaunee Greenhouses	4600.00	94.95	17.19	4.82	22.01	72.94	
Contents Negaunee Barn	9000.00	256.80	83.16	97.37	180.53	75.27	
Alger County Farm	600.00	18.50	.50		.50	18.00	
	8175.00	187.34	41.88	18.38	60.26	127.08	255.87
TOTAL	276875.00	5904.03	1224.55	247.65	1472.40	4431.63	255.87
CHARGED TO CONSTRUCTION COSTS OR PAID BY OTHER PERSONS							
Munising Y. M. C. A.	13500.00	219.76	111.39		111.39	108.37	
Dwellings built by farmers	2400.00	43.00	13.56		13.56	22.64	
Ten Houses	7000.00	141.40	47.10	33.39	80.48	60.92	
Twenty Houses	16600.00	249.00	82.08	54.76	136.84	112.16	
La Forte Addition Houses	19000.00	313.25	104.41	84.28	188.69	124.56	
Workmen's Cottages	9900.00	179.55	59.85	47.44	107.29	72.26	
Wacker Dwelling	500.00	8.93	2.51	1.61	4.12	4.81	
Munising Hospital	28000.00	509.46	90.43		90.43	419.03	
Northern Lumber Company	185200.00	5085.59	1420.24		1420.24	3665.35	
TOTAL	282100.00	6740.94	1981.37	221.47	2152.84	4697.10	
GRAND TOTAL	558975.00	12644.97	3155.92	469.32	3625.24	9028.73	
ANALYSIS							
	LEDGER BALANCES	BALANCE UNEARNED PREMIUM AS PER STATEMENT	DIFFERENCES				
Fire Insurance	4626.99	4175.75	451.24	Undercharged			
Boiler Insurance	73.43	69.29	4.14	"			
Liability Insurance	121.36	186.69	65.23	Overcharged			
TOTAL	4821.78	4431.63	390.15				
<p>The difference in fire insurance consists of an item of \$390.15 on Hotel Williams paid in December 1910 to be charged out during year 1911, and a difference of \$61.09 caused by not charging out full proportion of policies prior to date of statement. The difference in boiler insurance is due to not having charged out full proportion of policies prior to date of statement. The difference in liability insurance is due to having charged out more than proper proportion of policies prior to date of statement.</p> <p>The items in "Accrued Current Year" column will not check with cost sheets for year 1910 on account of a large number of policies expiring during the year and not in force at time of making this statement. All policies will be taken to account in statement for year 1911 so the various cost sheet charges can be checked.</p>							

x why carried on our books

THE CLEVELAND - CLIFFS IRON COMPANY

LAND DEPARTMENT

STATEMENT OF LANDS PURCHASED AND EXPENSE INCURRED ON ACCOUNT OF LAND TRACTS FOR THE YEAR 1910

PURCHASE	GRANTOR	PUR. NO.	ACREAGE	PUR. PRICE PER ACRE	AMOUNT OF PUR. PRICE	ABSTRACTS AND RECORDING	LAND LOCKING	MISCELLANEOUS EXPENSE	TOTAL
Hogan	J. B. Hogan	465				.50		Taxes \$25.46 Legal \$.36 25.82	26.32
Yates	Thomas C. Yates and wife	557			50.00				50.00
Deer Lake	Deer Lake Company	567				.50		Taxes \$21.12 21.12	21.62
Tyoga	Tyoga Lumber Company	589				1.00			1.00
Muck	Charles Muck and wife	592			600.00			Legal \$11.19 11.19	611.19
Powell	Daniel W. Powell and wife	613				1.00			1.00
Corbit	L. Corbit and J. R. Gordon	616						Taxes \$36.00 36.00	36.00
Fish Hatchery Forty	The Munising Company	666						E. & A. #7, #7 A, #8, #10, #12, #32 3818.26	3818.26
Sorenson	Oluff Sorenson and wife	766	40.00	12.50	500.00	1.00	2.00	Traveling \$12.43 12.43	515.43
Ferric	G. Sherman Collins	767				4.25			4.25
Meas	Edward Meas et. al.	796					8.21		8.21
McKnight	Wm. F. McKnight and wife	905					2.00		2.00
Hale and Nevins	L. F. Hale and Lot Nevins	921				1.25		Taxes \$14.22 14.22	15.47
Johnson	J. Bristol Johnson and wife	1082				.75	12.00		12.75
Forster	Forster Brothers Company	1083				6.75	65.23	Legal \$2.50 2.50	74.58
Leveque	Angeline Le Veque	1085					4.00		4.00
McDonald	Catherine McDonald	1088	40.00	325.00	13000.00	1.25		Traveling \$.50 .50	13001.75
Myrice	Mrs. Lyda A. Myrice	1090			750.00			Commission Paid \$25.00 25.00	775.00
Carey - Wagner	State of Michigan by Auditor General	1093	80.00			2.00	4.00	Taxes \$217.67 217.67	223.67
Au Train Rod & Gun Club	Au Train Rod & Gun Club	1105	191.39	26.12	5000.00	9.75	9.57	Legal \$54.64 54.64	5074.16
State Tax Lands	State of Michigan by H. Russell Com'r.	1106	240.66	3.47	834.45	1.00	12.03		847.48
Manistique Lumbering Co.	Manistique Lumbering Company	1107	3748.06	.77	2873.28	6.25	187.40	Legal \$65.73 65.73	3132.66
Merrill	Eva Henry	1111	1031.54	2.02	2066.59	35.00	51.58	Legal \$6.65 Commission \$200.00 Taxes \$106.88 313.51	2486.68
Dollar	Robert Dollar	1147	40.00	1.21	46.22	2.25			50.47
Loud	H. N. Loud et. al.	1163	239.39	7.52	1800.00	11.30	12.00	Legal \$1.74 1.74	1825.04
Au Train River Power Cancelled Contracts	R. H. Creasdale Henry Van Boxel Peter Habraken Mrs. Louisa Fox				400.00 280.00 280.00 80.00			General Expense 45.00	400.00 280.00 280.00 80.00
TOTALS FOR 1910			5651.04		28592.54	85.80	370.12	4667.53	33705.99
TOTALS FOR 1909			5023.19		94963.02	202.95	501.88	601.08	96269.03

*for what purpose
were purchases made*

THE CLEVELAND-CLIFFS IRON COMPANY

LAND DEPARTMENT

LAND ACREAGE - DECEMBER 31st, 1910.
EASTERN DIVISION

TOWN	RANGE 15 WEST		RANGE 14 WEST		RANGE 13 WEST		RANGE 12 WEST		RANGE 11 WEST		RANGE 10 WEST		RANGE 9 WEST		RANGE 8 WEST		RANGE 7 WEST		TOTALS		
	SEC.	FEE	SEC.	FEE	SEC.	FEE	SEC.	FEE	SEC.	FEE	SEC.	FEE	SEC.	FEE	SEC.	FEE	SEC.	FEE	FEE	SURFACE	
46	3	279.85	1	78.90	1	39.19	1	478.84	3	358.10					1	459.78	6	171.26			
	4	399.28	2	40.00	2	39.33	2	622.94	4	639.41					2	358.59	9	240.00			
	5	40.00	3	159.37	3	78.72	3	623.37	5	638.98					3	80.00	18	40.00			
	7	234.24	4	399.38	4	398.93	4	240.00	6	624.62					4	289.11	20	40.00			
	8	240.00	5	320.00	5	320.00	5	40.00	7	561.44					5	80.00	27	80.00			
	9	160.00	8	160.00	6	199.82	7	320.00	8	600.00					6	143.68	29	240.00			
	10	320.00	9	560.00	7	80.00	8	200.00	9	480.00					7	34.31	31	40.00			
	11	40.00	10	240.00	8	120.00	9	200.00	10	200.00					8	120.00					
	15	320.00	11	520.00	9	120.00	10	600.00	15	120.00					10	137.75					
	16	600.00	12	200.00	11	40.00	11	640.00	16	360.00					12	209.80					
	17	520.00	13	40.00	12	120.00	12	600.00							16	398.90					
	18	80.00			16	80.00	13	560.00													
	20	120.00			18	313.25	14	600.00													
	21	160.00			19	160.00	15	600.00													
	22	320.00			25	120.00	16	640.00													
	33	80.00			29	40.00	17	320.00													
	34	80.00			36	40.00	18	626.75													
							19	626.34													
							20	600.00													
							21	480.00													
							22	640.00													
							23	640.00													
							24	640.00													
							25	640.00													
							26	640.00													
							27	640.00													
							28	640.00													
							29	640.00													
							30	627.36													
							31	627.94													
							32	640.00													
							33	560.00													
							34	600.00													
							35	360.00													
							36	320.00													
			3993.37		2717.65		2309.24		18473.54		4582.55						2311.92		851.26	35239.53	
45					2	40.00					7	360.00					30	37.51			
					3	80.00					8	240.00					31	197.80			
					4	40.00					17	80.00									
					14	40.00					22	120.00									
					26	80.00					23	120.00									
					27	40.00					26	200.00									
											27	120.00									
											29	40.00									
											30	40.00									
											31	120.00									
						320.00					1440.00							235.31	1995.31		
44					8	40.00			1	197.00			1	198.13	6	76.88	4	240.00			
					18	40.00			36	80.00							6	80.01			
						80.00				277.00				198.13		76.88		400.01	1032.02		
43									1	40.00											
									12	120.00											
									24	280.00											
									25	40.00											
									480.00										480.00		
																TOTAL ACREAGE OF PAGE		38746.86			
																" " " " #1		249409.15		2386.44	
																" " " " #1		288156.01		2366.44	
																TOTAL EASTERN DIVISION		290542.45			

THE CLEVELAND - CLIFFS IRON COMPANY

LAND DEPARTMENT

CENTRAL DIVISION - DECEMBER 31st, 1910.

TOWN	RANGE 19 WEST			RANGE 18 WEST			RANGE 17 WEST			RANGE 16 WEST				TOTALS		
	SEC.	FEE	SURFACE	SEC.	FEE	SURFACE	SEC.	FEE	SURFACE	SEC.	FEE	SURFACE	MINERALS	FEE	SURFACE	MINERALS
49										24	142.60					
										26	337.75					
										34	484.25					
										36		600.00				
											964.60	600.00		964.60	600.00	
48	14	162.30		35	40.00		1		81.00	2	561.20	80.43				
	15	231.55		36	480.00		13		120.00	4	360.49	120.49				
	16	271.80					14	499.35		6		7.65				
	17	3.50					16	19.40		8	127.35	74.00				
	22	240.00	320.00				20	596.60		9	114.50					
	27	230.00	200.00				22	640.00		10	360.00	120.00				
	29	56.20					24	240.00		12	320.00					
	31	33.60					26	240.00		14	200.00					
	32	45.25					28	440.00		15	160.00					
	34	189.80	118.35				30	466.60		17	166.00					
							32	360.00		18	308.27	54.00				
							34	120.00		19	160.00					
							36	614.20		20	480.00					
										22	360.00					
										24	480.00					
										26	480.00					
										28	360.00					
										30	340.77					
										31	189.62					
										34	640.00					
										35	36.75					
		1514.00	638.35		520.00			4236.15	201.00		6204.95	456.57		12475.10	1295.92	
47	4	154.61		1	240.00		2	639.22		2	624.55					
	6	21.68		2	397.28		4	358.85		4	200.00					
	7	9.10		7	202.22		6	292.08		6	209.55					
	9	241.11		10	240.00		8	160.00		10	400.00					
	10	131.23		12	160.00		10	560.00		11	120.00					
	12	53.89		14	440.00		12	640.00		12	207.80					
	13	497.16		15	200.00		14	640.00		16	80.00	240.00				
	14	208.55	33.11	16	200.00	40.00	16	520.00		18	100.67					
	15	567.00		17	106.30		18	615.20		21	40.00					
	16	222.91		18	119.67		20	200.00		22	40.00					
	19	35.36		19	77.58		22	280.00		28	80.00					
	22	338.94		21	480.00		24	600.00		29	80.00					
	21		75.07	22		80.00	26	400.00		30			31.06			
	23	137.55		23	120.00		28	640.00								
	24	258.46		28	320.00		30	320.00								
	26	35.06		29	160.00		32	520.00								
	27	39.55		31	120.00		34	40.00								
	28	39.74		32	240.00		36	120.00								
	30	114.77		35	160.00											
	33	120.44														
	34	461.59														
	35	28.64														
		3717.34	108.18		3983.05	120.00		7545.35			2182.57	240.00	31.06	17428.31	466.18	31.06
46	3	455.58		4	80.00		2	119.76		6	215.96					
	7	277.71		5	361.40		4	398.46		9	40.00					
	10	301.55		6	321.09		6	233.30		30	120.00					
	11	360.00	176.35	7	120.00		8	480.00		31	160.00					
	12	260.62		8	320.00		10	400.00								
	14	160.00		9	240.00		12	80.00								
				11	120.00		14	560.00								
				12	480.00		18	374.19								
				13	40.00		24	120.00								
				14	160.00		26	120.00								
				16	640.00											
				18	86.00											
				20	160.00											
				21	200.00											
				22	80.00											
				26	120.00											
				27	440.00											
				28	320.00											
				32	40.00											
				33	80.00											
				34	400.00											
				35	200.00											
				36	80.00											
		1795.46	176.35		5088.49			2885.71			535.96			10805.62	176.35	
45	6	393.09														
	17		40.00													
	24	120.00														
	25	264.06														
	26	38.41														
	29	40.00														
	30		40.66													
	1	237.24														
		1092.80	80.66											1092.80	80.66	
														42266.43	2621.11	31.06

THE CLEVELAND - CLIFFS IRON COMPANY

LAND DEPARTMENT

CENTRAL DIVISION - DECEMBER 31st, 1910.

TOWN	RANGE 19 WEST		RANGE 18 WEST			RANGE 17 WEST			T O T A L S	
	SEC.	FEE	SEC.	FEE	MINERALS	SEC.	FEE	MINERALS	FEE	MINERALS
44	4	120.00	25	80.00						
	5	240.00	26	40.00						
	6	160.00	27	40.00						
	7	442.30	31	55.78						
	8	640.00								
	9	280.00								
	11	33.65								
	17	600.00								
	18	521.04								
	19	439.78								
	20	560.00								
	21	480.00								
	25	40.00								
	28	600.00								
	29	160.00								
	30	513.49								
31	396.91									
32	560.00									
33	160.00									
34	40.00									
		6987.17		215.78					7202.95	
43	4	160.00								
	16	360.00								
		520.00							520.00	
42	16	560.00				28	480.00	160.00		
						32	440.00	80.00		
						33		640.00		
		560.00					920.00	880.00	1480.00	880.00
41			12	120.00	40.00	2	644.12			
			13	480.00	160.00	3	524.51	120.00		
						4	322.56	320.00		
						5	160.09	480.00		
						9	240.00	400.00		
						10	560.00	80.00		
						18	87.40	567.25		
						7		651.58		
					8		640.00			
				600.00	200.00		2538.68	3258.83	3138.68	3458.83
									12341.63	4338.83

THE CLEVELAND - CLIFFS IRON COMPANY

LAND DEPARTMENT

CENTRAL DIVISION - DECEMBER 31st, 1910.

TOWN	RANGE 24 WEST			RANGE 23 WEST			RANGE 22 WEST			RANGE 21 WEST					RANGE 20 WEST			TOTALS					
	SEC.	FEE	SURFACE	SEC.	FEE	SURFACE	SEC.	FEE	SURFACE	SEC.	FEE	SURFACE	TIMBER	MINERALS	SEC.	FEE	SURFACE	FEE	SURFACE	TIMBER	MINERALS		
44	1		401.98	2	87.31		1	80.00		2	40.00				2	38.42							
	2		401.32	3		40.00	3	356.81		3	200.82				3	40.00							
	4	520.32		5		160.00	4	198.72		5	200.54		400.76		6	82.56							
	5		520.00	7		275.25	5	119.42		6	80.06				7	154.63							
	7		600.10	9		360.00	7	40.00		7	78.55	160.00			10	240.00							
	8	640.00		11		480.00	8	120.00		8	200.00				11	160.00							
	9		640.00	12		40.00	9	440.00		9	400.00				12	200.00							
	11		400.00	13		120.00	10	200.00		10	40.00				13	520.00							
	13		520.00	14	40.00		12	80.00		11	80.00				14	320.00							
	15		440.00	15		80.00	13		440.00	13	80.00				15	280.00							
	17		560.00	16	120.00		15	320.00		17	40.00				16	40.00							
	18	640.00		17		440.00	17	80.00		18		633.45			17	40.00							
	19		643.03	19		200.00	18	40.00		22	40.00				18	395.48							
	20	40.00		21		440.00	19	80.00		23	200.00				19	518.08							
	21		40.00	23		120.00	20	240.00		24	280.00				20	200.00							
	23		440.00	25		400.00	21	320.00		25	440.00				21	240.00							
	25		320.00	27		240.00	22	360.00		27	240.00				22	240.00							
	27		560.00	29		520.00	23	200.00		28	480.00			160.00	23	367.57							
	29		480.00	31	39.22	80.00	24		480.00	29	280.00			40.00	24	520.00							
	31		320.21	33		320.00	25	160.00		30		159.33			25	440.00							
	33		240.00	35		280.00	26	120.00		31	558.17			120.00	26	40.00							
	35		440.00				27	120.00		32	640.00				27	400.00							
							28	80.00		33	600.00				28	40.00	40.00						
							29	400.00		34	480.00				29	120.00							
							30	478.68		35	40.00				30	561.91							
							31	200.00		36	480.00				31	120.00							
							32	320.00							32	80.00							
							33	120.00							33	40.00							
							34	240.00							34	280.00							
							35	480.00							35	192.63							
							36	560.00															
			1840.32	7966.64		286.53	4595.25		6553.63	920.00		6198.14	952.78	480.76	320.00		6911.28	40.00	21789.90	14474.67	480.76	320.00	
	43				16	640.00		16	80.00		2	478.27	40.00										
											3	643.05											
											4	646.43											
											5	607.53			40.00								
										6	200.00			1235.43									
										9	640.00												
										10	640.00												
										11	160.00												
										16	400.00												
										18	324.00												
										26		80.00											
										30	160.00												
										36		80.00											
					640.00			80.00		4899.28	200.00			1655.43				5619.28	200.00		165.43		
42				16	360.00		14	160.00							22	40.00							
							16	40.00							6	79.54							
															8	160.00							
					360.00			200.00															
41	16	400.00																					
		400.00																					
40				16	160.00		3	37.90															
							10	41.65															
							15	3.35															
							22	42.70															
					160.00			125.60															
39				16	240.00																		
					240.00																		
																TOTAL OF PAGE				28894.78	14954.21	480.76	485.43
																" " " #1				42266.43	2621.11		31.06
																" " " #2				12341.63			4336.83
																" " " #3				45325.53	31956.40	4273.92	1280.00
																TOTAL				128828.37	49531.72	4754.66	6135.32
																TOTAL ACRES CENTRAL DIVISION							189250.09

THE CLEVELAND-CLIFFS IRON COMPANY

LAND DEPARTMENT

WESTERN DIVISION - DECEMBER 31st, 1910.

TOWN	RANGE 39 WEST		RANGE 34 WEST		RANGE 33 WEST		RANGE 32 WEST		RANGE 31 WEST			RANGE 30 WEST			T O T A L S					
	SEC.	MINERALS	SEC.	FEE	MINERALS	SEC.	FEE	SEC.	FEE	SEC.	FEE	SURFACE	SEC.	FEE	SURFACE	FEE	SURFACE	MINERALS	MINING LEASE	PLATTED
52										27	40.00		23	160.00						
													25	640.00						
													26	320.00						
													34	40.00						
													35	320.00						
													36	480.00						
																2000.00				
											40.00			1960.00						
51										13	138.80		1	236.11						
										36	80.00	240.00	2	631.20						
													3	157.74	157.74					
													5	120.00						
													8	320.00						
													9	320.00						
													15	80.00	80.00					
													17	640.00						
													18	488.86						
													20	560.00	80.00					
													22	160.00						
													28	320.00						
													29	640.00						
													30	326.07						
												35	160.00							
												34	320.00							
												36	480.00	160.00						
											218.80	240.00		5959.98	477.74	6178.78	717.74			
50			2	455.92		18	383.17	2	155.37	1	465.68		1	370.54						
			12	120.00		20	120.00	10	640.00	2	320.00		2	237.13	287.14					
			24	640.00		28	440.00	12	160.00	4	463.93		6	425.99						
			26	640.00		32	560.00	16	640.00	10	640.00		7	440.32						
			36	640.00				24	160.00	11	160.00		8	160.00						
								36	280.00	12	320.00		9	480.00						
										14	640.00		10	240.00	80.00					
										16	640.00		11	360.00						
										18	514.95		12	480.00	160.00					
										20	160.00		13	224.00	96.00					
										22	160.00		14	220.00	100.00					
										23	200.00	80.00	15	120.00	200.00					
										24	640.00		16	340.00	100.00					
										27	80.00	80.00	21	200.00	40.00					
										30	125.67		22	141.13	141.12					
												24	120.00							
												30	350.87							
												32	440.00							
				2495.92			1503.17		2035.37		5530.28	160.00		5400.98	1204.26	16985.72	1364.26			
49	29	320.00	2	319.27		2	513.68	24	160.00	16	40.00		10	640.00						
	31	160.00	12	468.97		4	632.47													
						6	604.56													
						8	640.00													
						12	240.00													
						14	240.00													
						18	569.25													
						20	520.00													
						22	360.00													
						30	151.73													
				480.00			788.24		4471.69		160.00			640.00		6099.93		480.00		
48	5	320.00				16	160.00			26	60.00									
	7	151.57																		
	10	80.00																		
	17	160.00																		
					711.57												220.00		711.57	
47			1		20.00	16	640.00						16	260.70						
			25		80.00															
			26		100.00															
			27		20.00															
			30		138.18															
			31		60.00															
			32		60.00															
			33		140.00															
		34		104.16																
		35		60.00																
		36		200.00																
					982.34		640.00									260.70		982.34		
46																				
																	160.00			
																	160.00			

TOTAL OF PAGE -	32565.13	2242.00	2173.91	323.00	128.68
" " " #1	29054.18	14096.27	649.44		
TOTAL -	61419.31	16340.27	2823.35	323.00	128.68
TOTAL ACRES WESTERN DIVISION -					81034.61

THE CLEVELAND - CLIFFS IRON COMPANY

LAND DEPARTMENT

RECAPITULATION

	FEE	SURFACE	MINERALS	TIMBER	MINING LEASE	PLATTED	TOTALS
Eastern Division	288156.01	2386.44					290542.45
Central Division	128828.37	49531.72	6135.32	4754.68			189250.09
Western Division	16419.31	16340.27	2823.35		323.00	128.68	81034.61
	478403.69	68258.43	8958.67	4754.68	323.00	128.68	560827.15

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THE CLEVELAND-CLIFFS IRON COMPANY

LAND DEPARTMENT

STATEMENT OF LANDS OWNED OR CONTROLLED, OR IN WHICH IT HAS AN INTEREST, SHOWING
ACRES TIMBERED, ACRES NOT TIMBERED, AND ACRES ON MINERAL FORMATION

DECEMBER 31st, 1910.

COMPANIES	TOTAL ACRES						TOTAL ACRES	ACRES OF LAND NOT TIMBERED	ACRES OF LAND TIMBERED	ACRES ON MINERAL FORMATION
	FEE	SURFACE	MINERALS	LEASED MINERALS	PLATTED	TIMBER				
The Cleveland-Cliffs Iron Co.	478403.69	68258.43	8958.67	325.00	128.68	4754.68	560827.15	66000.00	481000.00	30653.74
Iron Cliffs Co.	31624.47	1840.00	7769.18				41233.65	25945.09	7519.38	34225.06
Cleveland Iron Mining Co.	2460.97	20.00	40.00		119.93		2640.90	1894.30	580.45	2240.90
Excelsior Iron Co.	3640.43		321.41		88.00		4049.84	3640.43		4049.84
Pioneer Iron Co.	401.27		820.00				1221.27	401.27		936.72
Pioneer and Arctic Iron Co.	1867.95		172.75				2040.70	1867.95		2040.70
Munising Railway Co.	163.74		5.00		205.73		374.47	163.74		
Bay Mills Land & Lumber Co.	85432.90	1770.81	224.80				87428.51		87348.26	
Jackson Iron Co.	15827.28		4449.62		95.52		20372.42	9833.01	5994.27	1716.48
The Munising Co.	77477.91		3975.85		20.99		81474.75	28968.76	44512.31	
Michigan Co.	1393.95	275.20			167.56		1836.71	1170.92	498.23	1836.71
American Iron Mining Co.	2736.50		80.00				2816.50		2736.50	2816.50
	701431.06	72164.44	26817.28	325.00	826.41	4754.68	806316.87	139885.47	630189.40	80516.65

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THE CLEVELAND-CLIFFS IRON COMPANY

LAND DEPARTMENT

COMPARATIVE TAX STATEMENT FOR YEARS 1910 AND 1909.

TOWNSHIP	ACREAGE		VALUATION		AMOUNT OF TAX		VALUE PER ACRE		TAX PER ACRE	
	1910	1909	1910	1909	1910	1909	1910	1909	1910	1909
Au Train	17464.39	14602.95	67005.00	56555.00	2433.58	1965.22	3.84	3.87	.139	.135
Burt	76916.69	73494.23	301975.00	263975.00	12510.34	11703.17	3.93	3.59	.163	.159
Grand Island	5671.77	5671.77	32840.00	30340.00	767.61	790.60	5.79	5.36	.135	.139
Limestone	12416.78	12256.78	93460.00	59230.00	4152.84	2887.44	7.53	4.83	.334	.235
Mathias	14142.20	14102.20	76075.00	69200.00	2949.16	3179.36	5.38	4.20	.209	.218
Munising	27230.28	27030.94	136230.00	139065.00	5445.74	4736.44	5.00	5.14	.200	.175
Munising Village			84210.00	77998.00	1263.14	1170.01				
Onota	13325.95	13285.95	90140.00	92250.00	1864.46	2152.29	6.08	6.94	.140	.161
Rock River	15981.71	15865.26	104160.00	101580.00	6109.68	5943.21	6.52	6.40	.382	.375
Arvon	8896.52	8976.52	43075.00	41150.00	1451.13	1492.22	4.84	4.58	.163	.166
Baraga	3284.16	3284.16	13100.00	13100.00	343.36	323.51	3.99	3.99	.104	.098
L'Anse	8970.23	8970.23	46650.00	46250.00	1723.48	1500.01	5.20	5.17	.192	.167
Spurr	12335.52	12335.52	36175.00	36175.00	988.93	948.89	2.93	2.93	.080	.077
Sault Ste. Marie	1086.57	1086.57	5850.00	5770.00	103.04	129.07	5.39	5.31	.095	.119
White Fish	880.51	880.51	3400.00	3400.00	144.80	141.78	3.86	3.86	.164	.161
Baldwin	200.00		1800.00		66.54		9.00		.333	
Cornell	400.00	400.00	620.00	620.00	22.40	14.69	1.55	1.55	.056	.036
Escanaba	160.00	160.00	600.00	650.00	20.40	24.40	3.75	4.06	.128	.153
Maple Ridge	1080.00	1280.00	9100.00	10400.00	313.84	337.02	8.42	8.12	.291	.263
Masonville	5462.25	5462.25	30340.00	40820.00	1264.73	2052.70	5.55	7.48	.231	.376
Nalma	1080.00	1080.00	3550.00	2010.00	60.40	36.41	3.29	1.86	.056	.033
Wells	240.00	240.00	900.00	900.00	24.06	30.00	3.74	3.74	.100	.125
Garden	720.00	800.00	1800.00	2000.00	55.56	31.82	2.50	2.50	.049	.039
Columbus	54257.42	54099.21	127650.00	119330.00	5790.17	4788.95	2.35	2.21	.107	.088
McMillan	122557.16	122283.15	579350.00	459755.00	15658.14	13621.85	4.73	3.76	.128	.113
Pentland	1440.00	1440.00	9850.00	8560.00	275.04	214.56	6.86	5.94	.192	.149
Garfield	198.13	198.13	625.00	625.00	42.02	41.98	3.16	3.16	.212	.212
Hendrick	400.01	400.01	1600.00	1600.00	75.04	62.32	3.99	3.99	.188	.156
Newton	480.00	480.00	1440.00	1440.00	46.66	38.91	3.00	3.00	.097	.061
Portage	277.00	277.00	1680.00	1680.00	72.32	61.19	6.06	6.06	.261	.221
Hudson	76.88	76.88	80.00	80.00	4.20	3.64	1.04	1.04	.055	.046
Champion	2870.95	2870.95	12240.00	12240.00	255.64	242.48	4.26	4.26	.089	.084
Chocolatey	7603.70	7603.70	23790.00	23710.00	776.37	760.20	3.13	3.12	.102	.099
Ely	238.69	238.69	595.00	395.00	13.16	13.48	1.65	1.65	.056	.056
Forsyth	5042.00	5042.00	7140.00	7140.00	241.42	244.04	1.42	1.42	.048	.048
Ishpeming	8815.65	8815.65	10485.00	10360.00	563.38	573.56	1.19	1.17	.064	.065
Ishpeming City	152.00	152.00	17000.00	17000.00	580.45	560.99				
Marquette	5294.40	5294.40	19020.00	19020.00	433.98	398.96	3.59	3.59	.082	.075
Marquette City	40.00	40.00	4815.00	300.00	56.35	8.34		7.50	.209	.209
Negaunee	1182.12	1182.12	5810.00	5960.00	301.87	325.90	4.91	5.04	.255	.276
Negaunee City	240.00	200.00	11875.00	12075.00	314.20	306.89				
Powell	16713.63	16713.63	53300.00	48190.00	1528.56	1550.29	3.19	2.88	.092	.092
Republic	420.70	420.70	840.00	840.00	27.49	25.56	2.00	2.00	.065	.061
Sands	1648.26	1648.26	9520.00	9520.00	375.00	361.84	5.78	5.78	.228	.219
Skandia	19352.22	19352.22	44600.00	39180.00	2210.93	2155.25	2.31	2.03	.012	.011
Turin	14688.86	14688.86	49100.00	48500.00	1951.15	1782.22	2.34	3.31	.133	.121
West Branch	2226.37	2226.37	6480.00	6700.00	323.15	321.89	2.91	3.01	.145	.145
Michigan	3687.44	3687.44	15824.00	15824.00	538.24	571.80	4.29	4.29	.173	.155
Cusino	2958.53	2958.53	5560.00	4850.00	172.62	100.29	1.88	1.64	.058	.034
Germfask	400.00	400.00	1040.00	1060.00	65.75	54.29	2.60	2.65	.164	.136
Inwood	3952.42	4592.42	8802.50	9383.00	251.00	330.70	2.23	2.04	.064	.072
Soney	39793.08	39793.08	65840.00	49410.00	1894.68	1899.73	1.66	1.24	.047	.047
Thompson	1775.78	2015.78	3325.00	3305.00	151.32	152.06	1.87	1.64	.085	.075
	546730.93	540459.02	2282161.50	2130970.00	79150.12	73364.42				