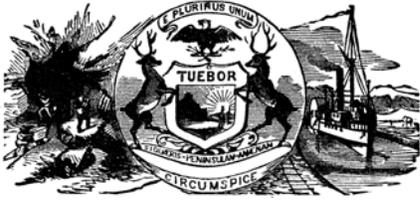


35th Annual Report
OF THE
INSPECTOR OF SALT
OF THE
State of Michigan
FOR THE
YEAR ENDING NOVEMBER 30th, 1903



BY AUTHORITY.

JOHN S. PORTER,
STATE INSPECTOR OF SALT, SAGINAW, MICH.

Thirty-fifth Annual Report
of the State Inspector of Salt of Michigan.

OFFICE OF THE STATE INSPECTOR OF SALT,
No. 303 EDDY BUILDING,

SAGINAW, MICHIGAN, December 15th, 1903.

To His EXCELLENCY, AARON T. BLISS, Governor of the
State of Michigan:

Sir:—I have the honor to submit this, the thirty-fifth
annual report of the operations of the State Salt
Inspection law, for the year ending November 30, 1903.

The law requires that the report shall contain:

First, the number of districts into which the salt
producing territory of the state is divided, with the name
and locality of each, and the number and capacity of the
works in each district;

Second, the quantity and quality of salt inspected in
each district the past year;

Third, the amount of money received, and the expenses
incurred.

SALT PRODUCING DISTRICTS.

The salt producing territory of the state is divided into
eight districts, although during the past year there was
no salt manufactured in Districts, No. 4 and 5.

District No. 1, Saginaw, County has seventeen salt
companies with sixteen steam blocks and one thousand
solar salt covers, having a manufacturing capacity of six
hundred thousand barrels of salt.

District No. 2, Bay County, has seven salt companies
with five steam blocks and two vacuum pan blocks, with
a manufacturing capacity of six hundred thousand
barrels of salt.

District No. 3, St. Clair County, has eight salt companies,
with six steam and four vacuum pan blocks, with a
manufacturing capacity of two million two hundred
thousand barrels of salt.

District No. 4, Iosco County, has one salt company, a
steam block and a manufacturing capacity of fifty
thousand barrels—none manufactured in 1903.

District No. 5, Midland County, has one salt company,
one steam block and a manufacturing capacity of thirty
thousand barrels of salt—none manufactured in 1903.

District No. 6, Manistee County, has nine salt
companies, with nine steam and three vacuum pan
blocks, and a manufacturing capacity of four million
barrels of salt.

District No. 7, Mason County, has three salt companies
with two steam and two vacuum pan blocks, with a
manufacturing capacity of one million barrels of salt.

District No. 8, Wayne County, has thirteen salt
companies, with thirteen steam and two vacuum pan
blocks, and a manufacturing capacity of two million
barrels of salt.

RECAPITULATION.

Solar salt covers, Saginaw County, one thousand
(1,000)

Total number of blocks in state, sixty-six (66)

Total capacity of works if all were operated 10,480,000.

Tables following, show manufacturers of salt in each
district, and the amount of each kind of salt made by
each manufacturer.

DISTRICT NO. 1, SAGINAW COUNTY.

	Medium No. 1. Bbls.	Grande- luted No. 1. Bbls.	Medium No. 1. Bulk	Grande- luted No. 1. Bulk	Medium No. 2.	Grande- luted No. 2.	Packers.	Solar.	Tablets.	Total.
E. German	5,435									5,435
A. C. White	12,372									12,372
Brand & Hamilton	2,400									2,400
Hiss & Van Aaken	20,175		115		1,520					21,810
Saginaw Salt Co., Block No. 1	15,311		1,044		90		1,040			17,485
Saginaw Salt Co., Block No. 2	25,417		67		1,150					27,024
Saginaw Valley Traction Co.	10,455		322							11,177
Manistee, Peltonette, Parker & Co., Block No. 1	10,455		322							11,177
S. L. Eastman	12,372		900							13,272
Crescent Salt Co.	13,200		300				2,000			15,500
C. Merrill & Co.	7,048		300							7,348
Central Lumber Co.	400									400
J. H. McKeown										
C. L. Grant & Co.								5,311		5,311
National Salt Co.										
Total	150,885		7,550		4,092		3,120	8,311		170,033

DISTRICT NO. 2, BAY COUNTY.

	Medium No. 1. Bbls.	Grande- luted No. 1. Bbls.	Medium No. 1. Bulk	Grande- luted No. 1. Bulk	Medium No. 2.	Grande- luted No. 2.	Packers.	Solar.	Tablets.	Total.
F. E. Bradley	24,635									24,635
Michigan Manufacturing Co.	1,485		2,470		305					4,260
Thos. Hine & Co.					410					410
Kerr Manufacturing Co.								25,285		25,285
Merrill, Schmitt, Parker & Co.	4,490		11,520					1,965		17,975
Michigan Chemical Co.										
Miller Salt Co., Block No. 2	175		3,844		495					4,514
E. Hall										
North American Chemical Co.		125,395			5,390					131,180
Total	30,825	125,395	28,344	5,390	1,651	315	25,651			223,091

DISTRICT NO. 3, ST. CLAIR COUNTY.

	Medium No. 1. Bbls.	Grande-lated No. 1. Bbls.	Medium No. 1. Bulk	Grande-lated No. 1. Bulk	Medium No. 2.	Grande-lated No. 2.	Packers.	Solar.	Table.	Total.
Michigan Salt Manufacturing Works	33,790	191,216	1,631	5,232			468	18,440	61,476	113,711
Davidson & Honey	22,240	40,321							11,220	112,691
Edmondson & French Salt Company	85,755		14,325	130,094	2,550	2,314	10,954		61,059	425,918
Port Huron Salt Company	22,554				850				800	24,214
Crystal Flakes	2,772	15,138								17,910
Thomson Brothers										
Walton Salt Association										
Total	137,009	246,675	15,956	135,326	3,400	2,314	11,422	18,440	73,555	315,954

DISTRICT NO. 6, MANISTEE COUNTY.

	Medium No. 1. Bbls.	Grande-lated No. 1. Bbls.	Medium No. 1. Bulk	Grande-lated No. 1. Bulk	Medium No. 2.	Grande-lated No. 2.	Packers.	Solar.	Table.	Total.
E. G. Peters Salt and Lumber Company	75,322	178,824	30,695	285,319			22,151			491,911
Louis Steele Block No. 1	112,791		62,720							175,511
Manistee Lumber Company	135,329									135,329
Candlish Salt and Lumber Company	119,220									119,220
Buckley and Douglass Lumber Company	39,209	166,955			80	15	6,456			206,655
State Lumber Company	198,549		14,076							212,625
Filler and Son	181,751	60,411			51	272				242,434
Louis Steele Block No. 2	90,963		1,224		300					192,487
Dennis Brothers			14,425							14,425
Union Lumber and Salt Company							295			295
Kritinger & Babcock	30,677									30,677
E. G. Filer			11,255	84,073						95,328
Total	1,190,894	414,920	196,211	369,394	905	27,438	6,752			2,002,604

DISTRICT NO. 7, MASON COUNTY.

	Medium No. 1. Bbls.	Grande-lated No. 1. Bbls.	Medium No. 1. Bulk	Grande-lated No. 1. Bulk	Medium No. 2.	Grande-lated No. 2.	Packers.	Solar.	Table.	Total.
J. S. Stearns	197,426	105,149	47,812	30,909	2,718		658	6,617		383,637
Walter Salt and Lumber Company	10,609		10,828							21,437
Anchor Salt Block No. 2										
Total	208,035	105,149	58,640	30,909	2,718		658	6,617	4,370	405,125

DISTRICT NO. 8, WAYNE COUNTY.

	Medium No. 1. Bbls.	Grande-lated No. 1. Bbls.	Medium No. 1. Bulk	Grande-lated No. 1. Bulk	Medium No. 2.	Grande-lated No. 2.	Packers.	Solar.	Table.	Total.
Fennemay Salt Company	11,160		1,256		650		2,949			15,115
Sullivan & Ferguson	12,437		32,211							44,648
Deiry Salt Company	2,193		33,359							35,552
Franklin Salt Company	196,290		21,449		1,821		6,714		6,345	226,319
Morton Salt Company										
Metrol Salt Company	86									86
Pennsylvania Salt Company	1,526		1,175		2,882		1,080			5,663
J. C. Larier & Company										
Hiawatha Salt Company										
Total	224,672		36,241		5,312		10,743		6,470	266,335

RECAPITULATION.

	Medium No. 1. Bbls.	Grande-lated No. 1. Bbls.	Medium No. 1. Bulk	Grande-lated No. 1. Bulk	Medium No. 2.	Grande-lated No. 2.	Packers.	Solar.	Table.	Total.
Saginaw County	155,887	141,547	7,429		4,082		3,125	8,571		292,014
Bay County	307,020	137,285	74,133	130,646	3,428	3,042	20,419		220,065	602,405
St. Clair County	1,139,090	441,059	148,231	300,561	950	22,486	4,782			1,912,405
Manistee County	247,516	105,149	58,650	30,909	2,718		658	6,617		405,125
Mason County	224,672		58,640	30,909	2,718		658	6,617	4,370	405,125
Wayne County			36,241		5,312		10,743	6,470		58,766
Total	2,065,285	805,041	344,363	555,725	18,210	25,600	32,683	8,571	294,514	4,887,082

COMPARATIVE INSPECTION BY DISTRICTS FOR 1902 AND 1903.

	1902	1903	Increase	Decrease
District No. 1, Saginaw County	331,250	179,533		151,717
District No. 2, Bay County	137,903	225,081	87,178	
District No. 3, St. Clair County	924,984	915,954		9,030
District No. 4, Iosco County	3,045			3,045
District No. 5, Midland County	14,967			14,967
District No. 6, Manistee County	2,332,507	2,202,054		130,453
District No. 7, Mason County	514,745	466,125		48,620
District No. 8, Wayne County	734,844	399,235		335,609
			87,178	693,441
			Net Decrease, 606,263 Bbls.	

Number of barrels of salt inspected from December 1st, 1902, to December 1st, 1903..... 4,387,982
 Estimated in bins December 1st, 1903..... 824,193

 5,212,175
 Deduct Salt in bins December 1st, 1902 1,058,547

 Amount of Salt manufactured during fiscal year..... 4,153,628

This shows a falling off in inspection for year of 606,263 barrels and in manufacture of 850,537 barrels.

COMPARATIVE TABLE.

Salt manufactured in the State of Michigan prior to the enactment of the state inspection law of 1869.

	Barrels.
1869	4,000
1861	125,000
1862	243,000
1873	466,000
1864	529,073
1865	477,200
1866	407,997
1867	474,721
1868	555,690

Total 3,282,681

Salt inspected in the State of Michigan since the enactment of the state inspection law in 1869.

	Barrels.
1869	561,288
1870	621,352
1871	728,175
1872	724,481

	Barrels.
1873	823,346
1874	1,026,970
1875	1,081,856
1876	1,482,729
1877	1,660,997
1878	1,855,884
1879	2,058,040
1880	2,676,588
1881	2,750,299
1882	3,037,317
1884	2,894,672
1884	3,161,806
1885	3,297,403
1886	3,667,257
1887	3,944,309
1888	3,866,228
1889	3,846,979
1890	3,838,637
1891	3,927,671
1892	3,812,054
1893	3,514,485
1894	3,138,941
1895	3,529,362
1896	3,336,242
1897	3,622,764
1898	4,171,916
1899	4,732,669
1900	4,738,085
1901	5,580,101
1902	4,994,245
1903	4,387,982

Total 103,093,130

The total amount of salt which Michigan has produced to date 106,375,511

RECEIPTS.

Balance on hand December 1st, 1902.....	\$ 1,099.45
Fees collected on 4,387,982 barrels of salt at 3 mills per barrel	13,163.95

	\$14,263.40

EXPENDITURES.

Salary, State Salt Inspector.....	\$ 1,500.00
Salary, Deputy Salt Inspectors.....	8,247.55
Expenses, traveling, telegraph, telephone, etc.....	685.42
Office	300.00
	<hr/>
	\$10,732.97
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Balance on hand December 1st, 1903.....	\$3,530.43

RÉSUMÉ.

As indicated by the 34th Annual Report, made to your Excellency by my predecessor, there was less salt manufactured during 1903 than in 1902 and 1901. The same causes obtained throughout the year which existed in 1902, namely; the high price of fuel and the low price of salt. There was a steady falling off in the amount inspected up to August in the present year, when there was a slight increase for the balance of the year. The falling off of the amount of salt manufactured was considerably in excess of the amount inspected, showing that there had been a movement of the old salt.

There is very little indication of an increase in the manufacture of salt during the coming year. Those districts that have cheap fuel continue to make the bulk of the salt and while at the present time Saginaw and Bay County districts are the smallest producers, it seems that it cannot be many years before these two districts will be more favorably located to manufacture salt than any other in the state, on account of the continued development of mining in these two counties. New shafts are constantly going down and more coal being hoisted each year, which produces a greater quantity of slack and following the trend of such matters in older coal districts, there soon comes a time when there is no demand for all the slack produced, and consequently either the Coal Companies themselves will manufacture salt for the purpose of getting rid of their slack, the same as the large lumber companies do now to get rid of their waste, or else they will sell at such a price that independent manufacturers will use it for this purpose.

A large number of blocks have remained shut down during the year, and there is little prospect of those that have been shut down during 1903 starting next year, unless the price of salt should materially increase, or the cost of fuel decrease.

Respectfully submitted,

JOHN S. PORTER,

STATE INSPECTOR OF SALT.

SAGINAW, MICH., Dec. 15th, 1903.