

**43d Annual Report
OF THE
INSPECTOR OF SALT
OF THE
State of Michigan
FOR THE
YEAR ENDING NOVEMBER 30th, 1911**

BY AUTHORITY

JOHN BAIRD, Inspector of Salt, Saginaw, Mich.

**Forty-Third Annual Report
OF THE
Inspector of Salt of the State of Michigan**

OFFICE OF THE INSPECTOR OF SALT,

No. 205 Forester Temple,

Saginaw, Michigan, December 15th, 1911.

To His Excellency, Chase S. Osborne, Governor of the State of Michigan:

Sir:—I have the honor to submit this, the forty-third annual report of the operations of the Salt Inspection law, for the year ending November 30, 1911.

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 six districts.

District No. 1, Saginaw County, has seven steam salt plants, with a capacity of 500,000 barrels per annum, 23 wells and 37 grainers, and employs 50 men in the manufacture of salt. (Exhaust steam is used in the manufacture.)

District No. 2, Bay and Isabella Counties, has three steam salt plants, with a capacity of 100,000 barrels per annum, 9 wells and 8 grainers, and employs 25 men in the manufacture of salt.

District No. 3, St. Clair County, has six steam salt plants, with a capacity of 1,500,000 barrels per annum, 29 wells, 41 grainers and 9 vacuum pans, and employs 840 men in the manufacture of salt. These plants use live

steam and improved machinery. Future of manufacture is good.

District No. 4, Manistee County, has six steam plants, with a capacity of 3,000,000 barrels per annum, 20 wells, 75 grainers and 6 vacuum pans, and employs 500 men in the manufacture of salt. (Exhaust steam is used in the manufacture.)

District No. 5, Mason County, has three salt plants, with a capacity of 1,500,000 barrels per annum, 12 wells, 8 vacuum pans and 28 grainers, and employs 155 men in the manufacture of salt. (Exhaust and live steam is used in the manufacture.)

District No. 6, Wayne County, has six salt plants, with a capacity of 2,000,000 barrels per annum, 20 wells, 13 vacuum pans, 8 open pans and 28 grainers, and employs 460 men. These plants use live steam. The Detroit Salt Co. mined, during the year, 535,738 barrels of salt. This is a new industry and has not been reported before. The salt mined is of first class quality and I expect they will double their output next year.

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 Hbls.	Granulated No. 1 Hbls.	Medium No. 1 Bulk	Granulated No. 1 Bulk	Medium No. 2	Granulated No. 2	Packers in Hbls.	Packers Bulk	Table	Total
Saginaw Plate Glass Company.....	19754		475		546		4802	1449		20996
Bilas & VanAcker.....	2420		411							2420
E. Grunsky.....	1493		518							1832
Merrison, Eddy, Parker & Company.....	2017									2017
S. L. Eastman-Flooring Co.....	1269		867							1269
Saginaw Salt Co.....	4945									4945
Total.....	32910		10261		546		4802	1449		33728

DISTRICT No. 2, BAY AND ISABELLA COUNTIES.

	Medium No. 1 Hbls.	Granulated No. 1 Hbls.	Medium No. 1 Bulk	Granulated No. 1 Bulk	Medium No. 2	Granulated No. 2	Packers in Hbls.	Packers Bulk	Table	Total
Hine Lumber Co.....	16909		2085							18994
Merrison, Bacon & Co.....	647	30	1187	1787	5357	170	581	3764		11511
Vanachack Calcium Works.....										222
Total.....	17556	30	3272	1787	5357	170	581	3764		32577

DISTRICT No. 3, ST. CLAIR COUNTY.

	Medium No. 1 Hbls.	Granulated No. 1 Hbls.	Medium No. 1 Bulk	Granulated No. 1 Bulk	Medium No. 2	Granulated No. 2	Packers in Hbls.	Packers Bulk	Table	Total
Michigan Salt Co.....	109854		5380		71		4612	2707	18659	122282
Davidson, Woney Co.....	10234	2641	300	15048		192				22914
Diamond Crystal Co.....	10154	4170				429	18			14350
Port Huron Salt Co., Port Huron.....	8409	7090	3228	5646	7834		12143	7645		47225
Port Huron Salt Co., St. Clair.....	1941		8296					369		5906
Stoken Salt and Stave Co.....	2216									2216
Total.....	289721	15069	4714	17294	7905	192	22328	11000	669274	1215592

DISTRICT No. 4, MANISTEE COUNTY.

	Medium No. 1 Hbls.	Granulated No. 1 Hbls.	Medium No. 1 Bulk	Granulated No. 1 Bulk	Medium No. 2	Granulated No. 2	Packers in Hbls.	Packers Bulk	Table	Total
R. C. Peters Salt and Lumber Co.....	182842	95914	129662	250481	308	92487	13810	8109		243384
Buckley & Douglas St. & Lumber Co., No. 1.....	10234		4134		219		3810			11967
Buckley & Douglas St. & Lumber Co., No. 2.....	22873		2949		1276		425			19617
Louis Stude Salt and Lumber Co., No. 1.....	32905		14187							47092
Louis Stude Salt and Lumber Co., No. 2.....	169196		10345							179541
Pfizer & Son.....	4190		778		942					5910
Total.....	342492	202499	401201	602553	4125	97528	14235	8109		1951367

DISTRICT No. 5, MASON COUNTY.

	Medium No. 1 Bbls.	Granulated No. 1 Bbls.	Medium No. 1 Bulk	Granulated No. 1 Bulk	Medium No. 2	Granulated No. 2	Packers in Bbls.	Packers Bulk	Table	Total
Stearns Salt & Lumber Co. No. 1.....	12563	5245	6563	3726	9248	1961	8961	1266	3789	30429
Stearns Salt & Lumber Co. No. 2.....	39249	1942		316426		4890				52448
Anchor Salt Co.....										346358
Total.....	182931	53497	65631	377222	9248	6851	8961	1266	3789	599815

DISTRICT No. 6, WAYNE COUNTY.

	Medium No. 1 Bbls.	Granulated No. 1 Bbls.	Medium No. 1 Bulk	Granulated No. 1 Bulk	Medium No. 2	Granulated No. 2	Packers in Bbls.	Packers Bulk	Table	Mined	Total
Pennsylvania Salt Co.....	12151	3422	2302	66849	1139	1268	672	1821	11699		35243
Detroit Salt Co.....	27722	12149	3225	24528	6717	1568	512	79	11628		397568
DeWay Salt Co.....	74972	39928	908	1128	2096		398	399	78453		156243
Warrenton Salt Co.....	908	1128	2096		2749						21182
Morton Salt Co.....	212				219						7812
Peninsular Salt Co.....											562
Detroit Salt & Manufacturing Co.....											53528
Total.....	231632	41296	64110	439091	15902	4318	8922	2651	126682	53528	1469472

RECAPITULATION.

	Medium No. 1 Bbls.	Granulated No. 1 Bbls.	Medium No. 1 Bulk	Granulated No. 1 Bulk	Medium No. 2	Granulated No. 2	Packers in Bbls.	Packers Bulk	Table	Mined	Total
Saginaw County.....	329129		19261		546		8902	1449			337228
Bay and Isabella Counties.....	12156	90	3272	1782	2327	179	581	3784			22517
St. Clair County.....	239721	156649	47214	17294	7985	182	22223	11098	669254		1215262
Manistee County.....	52492	20249	491291	69253	4132	9728	14255	8199			3761362
Mason County.....	182931	53497	65624	377222	9248	4814	8961	1266	3789		599815
Wayne County.....	231632	41296	64110	439091	15902	4318	8922	2651	126682	53528	1469472
Total.....	1894437	451961	591692	1296147	49192	108972	58867	28229	799745	53528	5715991

COMPARATIVE INSPECTION BY DISTRICTS FOR 1911 AND 1910

	1911 Bbls.	1910 Bbls.	Increase	Decrease
District No. 1, Saginaw County.....	337,228	357,576		20,348
District No. 2, Bay and Isabella Counties...	32,577	104,987		72,410
District No. 3, St. Clair County.....	1,215,502	1,296,605		81,103
District No. 4, Manistee County.....	1,951,367	2,081,048		129,681
District No. 5, Mason County.....	709,845	818,728		108,883
District No. 6, Wayne County.....	1,469,472	938,332	531,140	
	5,715,991	5,597,276	531,140	412,425

Net Increase, 118,715 Bbls.

Number of barrels of salt inspected from December 1st, 1910 to December 1st, 1911.....	5,715,991
Estimated amount in bins December 1st, 1911.....	918,756
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Deduct salt in bins December 1st, 1910.....	1,010,885
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Amount of salt manufactured and mined during fiscal year.....	5,623,862
Increase in inspection.....	118,715
Increase in salt produced.....	211,586

COMPARATIVE TABLES

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

	Barrels
1860	4,000
1861	125,000
1862	243,000
1863	466,000
1864	529,073
1865	477,200
1866	407,997
1867	474,721
1868	555,690

Total..... 3,282,681

Salt inspection 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
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
1883	2,894,672
1884	3,161,806
1885	3,297,403
1886	3,667,257
1887	3,944,309
1888	3,866,288
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
1904	5,390,812
1905	5,671,253
1906	5,644,559
1907	6,298,463
1908	6,247,073
1909	6,055,661
1910	5,597,276
1911	5,715,991

Total..... 149,665,001

The total salt which Michigan has produced to date 149,665,001.

RECEIPTS

Balance on hand December 1st, 1910.....	\$	590.71
Fees collected on 5,715,991 barrels of salt at 3 mills per barrel.....	\$17,147.97	
Less reduction on mined and table salt.....	4,000.97	13,147.00
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Total.....	\$13,737.71	

Statement of Receipts and Expenditures of my predecessor, Temple Emery, for months of December and January:

Balance on hand December 1st, 1910.....	\$ 590.71
Fees collected.....	1,398.58

Total.....	\$ 1,989.29
Expenditures	1,806.65

Balance.....	\$ 182.64
Rebate made to manufacturers.....	182.64
Fees collected on 5,123,172 barrels of salt at 3 mills per barrel.....	\$15,369.51
Less deduction on mined and table salt.....	3,621.09

	\$11,748.42

EXPENDITURES

Salary, Salt Inspector.....	\$ 1,250.00
Salary and expenses, Deputy Salt Inspectors.....	7,914.96
Expenses, traveling, telegraph, telephone, etc.....	634.04
Office	250.00

Total.....	\$10,049.00
Balance on hand December 1st, 1911.....	1,699.42

RESUME

The year of 1911 shows a decrease in the amount of salt manufactured, but also shows an increase in the amount produced on account of the salt mined in Wayne County. The salt mined in Wayne County is the only salt mined in Michigan and is the best vein of salt in the country.

I cannot make a correct report of the salt this year on account of being enjoined by the Michigan Salt Company from inspecting their salt. The case is now pending in the Supreme Court and I think will soon be disposed of.

Upon entering the office of Salt Inspector, I find there has been no fees collected on mined or table salt for several years. I have taken this matter up with the Attorney-General and he advised me to let it rest until he receives a decision from the Supreme Court.

One of the salt companies in Bay County has stopped making salt on account of poor brine which, it is claimed, is caused from abandoned salt wells not being properly plugged. I have also taken this matter up and have prevented the dismantling of twenty-seven (27) wells until the same can be properly plugged.

Respectfully submitted,

JOHN BAIRD,

Salt Inspector.