

ANNUAL REPORTS
OF THE
TOWN OFFICERS
AND COMMITTEES
OF
PROVINCETOWN, MASS.,

FOR THE
Year ending December 31, 1889.

ALSO,
THE TOWN CLERK'S RECORD OF THE BIRTHS,
MARRIAGES, AND DEATHS DURING
THE YEAR 1889.

PROVINCETOWN, MASS.:
The Advocate Press. Howard F. Hopkins.
1890.

REPORT OF THE SELECTMEN.

The Selectmen respectfully submit the following report for the year ending December 31, 1889 :

FINANCIAL STATEMENT.

VALUATION MAY 1, 1889.

Personal estate,	\$1,215,158 00	
Real estate,	1,050,050 00	
Total valuation,	<u> </u>	\$2,265,208 00
Number of poll tax payers,		1856
Tax on each poll,		\$2 00
Registered voters, October 30, 1889,		731
Number of persons paying tax on property,	1061	
" " " poll tax only,	642	
Total number tax payers,	<u> </u>	1703
Total tax for State, County, and Town purposes,	\$48,259 22	
Rate per cent on \$1,000,		\$17 90
Total number horses,		109
" " cows,		43
" " dwellings,		960
" " acres land taxed,		1036
Value of personal estate, excluding bank shares,	\$1,040,370 00	
Resident bank shares,	174,788 00	
Total value personal estate,	<u> </u>	\$1,215,158 00
Value of real estate, exclusive of buildings,	\$294,538 00	
Value of buildings, exclusive of land,	755,512 00	
Total value of real estate,	<u> </u>	\$1,050,050 00

DR.	APPROPRIATIONS FOR THE YEAR 1889.	Cr.
Feb. 12, 1889.		
Watch and police,	\$200 00	
Article 12 (warrant 1889),	300 00	
Memorial Day,	100 00	
Town Hill and fences,	50 00	
Cemeteries,	25 00	
Health department,	50 00	
Piano and other fixtures (Town Hall),	500 00	
Repairing bulkhead (Carver St.),	500 00	
Support of the poor and salaries,	3,600 00	
Public library,	800 00	
Roads and walks,	2,300 00	
Extension of sidewalk,	200 00	
Drainage (head Standish St.),	200 00	
Fire department,	2,100 00	
Steam and chemical engines,	5,000 00	
Public schools,	8,600 00	
School house repairs,	400 00	
School incidentals,	400 00	
Free text books and supplies,	700 00	
Shingling eastern and centre schoolhouses,	300 00	
Street lights,	600 00	
Discount and collection of taxes,	650 00	
Interest on demand loans,	350 00	
Abatement of taxes,	350 00	
Incidental expenses,	1,700 00	

DR.	WATCH AND POLICE.	Cr.
Feb. 12, 1889.		
To appropriation,	\$200 00	
1889.		
Feb. 28, By payments,		\$51 25
July 27, " "		22 00
Aug. 31, " "		44 95
Oct. 31, " "		11 00
Dec. 31, " "		69 60
Dec. 31, Bal. in treas.		1 20
	<u>\$200 00</u>	<u>\$200 00</u>

DR.	ARTICLE 12 (WARRANT FEBRUARY, 1889).	Cr.
Feb. 12, 1889.		
To appropriation,	\$300 00	
1889.		
Mch. 16, By payment,		\$3 00
Dec. 31, " "		297 00
	<u>\$300 00</u>	<u>\$300 00</u>

Jetty system (east end),	500 00	
Town expenses,	\$30,475 00	
School house loan and interest,	825 00	
Railroad loan and interest,	2,200 00	
Funded loan, Town Hall,	4,600 00	
Interest on funded loan,	1,380 00	
State tax,	2,180 00	
County tax,	1,460 82	
Overlayings,	138 40	
Non-resident bank tax,	2,169 69	
Total am't collector's warrant,	<u>\$45,428 91</u>	<u>\$45,428 91</u>

May 1, 1889.		
By 1356 polls at \$2.00,		\$2,712 00
\$1,215,158.00 personal estate, at \$17.90,		21,751 33
\$1,050,050.00 real estate, at \$17.90,		18,795 89
Non-resident bank tax,		2,169 69

DR.	MEMORIAL DAY.		CR.
Feb. 12, 1889.		1889.	
To appropriation,	\$100 00	June 1, By payment,	\$100 00
	<u>\$100 00</u>		<u>\$100 00</u>

DR.	TOWN HILL AND FENCES.		CR.
Feb. 12, 1889.		1889.	
To appropriation,	\$50 00	Apr. 27, By payments,	\$ 70
		July 27, "	40
		Sept. 30, "	9 05
		Oct. 26, "	60
		Dec. 31, "	3 32
		Dec. 31, Bal. in treas.	35 93
	<u>\$50 00</u>		<u>\$50 00</u>

DR.	CEMETERIES.		CR.
Feb. 12, 1889.		1889.	
To appropriation,	\$25 00	Dec. 31, By payment,	\$23 48
		Dec. 31, Bal. in treas.	1 52
	<u>\$25 00</u>		<u>\$25 00</u>

DR.	HEALTH DEPARTMENT.		CR.
Feb. 12, 1889.		1889.	
To appropriation,	\$50 00	Jan. 26, By payment,	\$2 60
Dec. 31, Cash from Commonwealth,	80 12	Feb. 23, "	70
		Mch. 16, "	81 78
		Dec. 31, "	29 65
		Dec. 31, Bal. in treas.	15 39
	<u>\$130 12</u>		<u>\$130 12</u>

DR.	NEW SCHOOLHOUSE LOAN AND INTEREST.		CR.
Feb. 12, 1889.		1889.	
To appropriation,	\$825 00	Dec. 31, By payments,	\$825 00
	<u>\$825 00</u>		<u>\$825 00</u>

DR.	NEW SCHOOLHOUSE LOAN.		CR.
Jan. 1, 1889.		1889.	
To am't outstanding liabilities,	\$1,500 00	Dec. 31, By payment, [See new school house loan and interest],	\$825 00
Dec. 31, Interest to date,	75 00	Dec. 31, Net liabilities,	750 00
	<u>\$1,575 00</u>		<u>\$1,575 00</u>

DR.	RAILROAD LOAN AND INTEREST.		CR.
Feb. 12, 1889.		1889.	
To appropriation,	\$2,200 00	Jan. 26, By payment,	\$100 00
		July 27, "	2,100 00
	<u>\$2,200 00</u>		<u>\$2,200 00</u>

DR.	RAILROAD LOAN.		CR.
Jan. 1, 1889.		1889.	
To am't outstanding liabilities,	\$4,000 00	Aug. 1, By payment [See railroad loan and interest],	\$2,200 00
Aug. 1, Interest to date,	200 00	Dec. 31, Net liabilities,	2,000 00
	<u>\$4,200 00</u>		<u>\$4,200 00</u>

DR.	TOWN HALL—FUNDED LOAN.	CR.
Jan. 1, 1889.		1889.
To am't outstanding liabilities, \$36,800 00		Apr. 17, By payment, \$690 00
Oct. 7, Interest to date, 1,380 00		Oct. 7, " 5,290 00
		Oct. 7, Net liabilities, 32,200 00
	<u>\$38,180 00</u>	<u>\$38,180 00</u>

DR.	PIANO AND OTHER ARTICLES FOR TOWN HALL.	CR.
Feb. 12, 1889.		1889.
To appropriation, \$500 00		May 18, By payment, \$450 00
Mch, 15, Cash received from citizens' ball, 39 90		June 8, " 8 00
Dec. 31, Deficiency, 7 14		Oct. 5, " 75 86
	<u>\$547 04</u>	Dec. 31, " 13 18
		<u>\$547 04</u>

DR.	REPAIRING BULKHEAD (CARVER ST.)	CR.
Feb. 12, 1889.		1889.
To appropriation, \$500 00		Nov. 9, By payment, \$498 00
	<u>\$500 00</u>	Dec. 31, Bal in treas. 2 00
		<u>\$500 00</u>

DR.	PUBLIC LIBRARY.	CR.
Feb. 12, 1889.		1889.
To appropriation, \$800 00		Mch. 30, By payment, \$58 50
Dec. 31, Cash for licensed dogs, 204 94		Aug. 17, " 741 50
	<u>\$1,004 94</u>	Dec. 31, " 204 94
		<u>\$1,004 94</u>

DR.	JETTY SYSTEM (EAST END).	CR.
Feb. 25, 1889.		1889.
To appropriation, \$500 00		Feb. 23, By payment, \$28 65
Dec. 31, Material sold, 33		Mch. 30, " 189 53
Dec. 31, Deficiency, 433 60		Apr. 27, " 228 68
		June 29, " 24 68
		Aug. 31, " 55 96
		Nov. 30, " 4 75
		Dec. 31, " 401 68
	<u>\$933 93</u>	<u>\$933 93</u>

DR.	ROADS AND WALKS.	CR.
Feb. 12, 1889.		1889.
To appropriation for roads and walks, \$2,300 00		Feb. 23, By payments, \$113 46
Extension of walk, 200 00		Mch. 30, " 146 34
Drainage, (head Standish St.) 200 00		Apr. 30, " 77 22
Dec. 31, Material sold, 116 56		May 31, " 115 37
Dec. 31, Rebate, 6 56		June 29, " 654 83
		July 31, " 316 84
		Aug. 31, " 779 98
		Sept. 30, " 133 71
		Oct. 31, " 68 62
		Nov. 30, " 106 66
		Dec. 31, " 303 19
		Dec. 31, Bal. in treas. 6 90
	<u>\$2,823 12</u>	<u>\$2,823 12</u>

DR.	SHINGLING EASTERN AND CENTRE SCHOOLHOUSES.	CR.
Feb. 12, 1889.		1889.
To appropriation, \$300 00		Sept. 28, By payment, \$150 00
Dec. 31, Deficiency, 109 98		Oct. 26, " 220 85
		Dec. 31, " 38 13
	<u>\$409 98</u>	<u>\$409 98</u>

Dr.	FIRE DEPARTMENT.	Cr.
Feb. 12, 1889.	1889.	
To appropriation,	\$2,100 00	Feb. 9, By payments, \$19 50
To appropriation		Mch. 30, " 98 31
for steamer and		Apr. 27, " 1,656 10
chemical,	5,000 00	May 18, " 22 05
Dec. 31, Deficiency,	736 63	July 27, " 129 66
		Aug. 31, " 16 95
		Sept. 21, " 3,200 00
		Oct. 26, " 1,848 48
		Dec. 31, " 845 58
	<u>\$7,836 63</u>	<u>\$7,836 63</u>

Dr.	PUBLIC SCHOOLS.	Cr.
Jan. 28, 1889.	1889.	
To cash received		Jan. 26, By paym'ts, \$162 63
from Common-		Feb. 23, " 216 84
wealth,	\$610 62	Mch. 23, " 1,899 55
Feb. 12, To appropri-		Apr. 27, " 60 00
ation,	8,600 00	May 25, " 182 63
		June 27, " 2,368 57
		July 27, " 62 52
		Aug. 31, " 424 11
		Sept. 28, " 66 00
		Oct. 26, " 327 47
		Nov. 30, " 281 05
		Dec. 31, " 2,565 30
		Dec. 31, Bal. in treas. 593 95
	<u>\$9,210 62</u>	<u>\$9,210 62</u>

Dr.	SCHOOLHOUSE REPAIRS.	Cr.
Feb. 12, 1889.	1889.	
To appropriation,	\$400 00	Jan. 26, By paym'ts, \$43 83
		Mch. 30, " 4 50
		July 27, " 17 10
		Sept. 28, " 33 00
		Oct. 26, " 36 60
		Nov. 30, " 12 75
		Dec. 31, " 143 44
		Dec. 31, Bal. in treas. 108 78
	<u>\$400 00</u>	<u>\$400 00</u>

Dr.	SCHOOL INCIDENTALS.	Cr.
Feb. 12, 1889.	1889.	
To appropriation,	\$400 00	Apr. 27, By paym'ts, \$11 50
Dec. 31, Deficiency,	25 79	May 25, " 2 00
		June 29, " 29 20
		July 27, " 27 00
		Sept. 30, " 43 60
		Oct. 5, " 54 01
		Nov. 30, " 53 00
		Dec. 31, " 205 48
	<u>\$425 79</u>	<u>\$425 79</u>

Dr.	FREE TEXT BOOKS AND SUPPLIES.	Cr.
Feb. 12, 1889.	1889.	
To appropriation,	\$700 00	Feb. 23, By paym'ts, \$84 31
Dec. 31, Books sold,	14 15	Apr. 27, " 333 53
Dec. 31, Deficiency,	38 74	June 29, " 66 64
		Sept. 28, " 70 62
		Dec. 31, " 197 79
	<u>\$752 89</u>	<u>\$752 89</u>

DR.	STREET LIGHTS.		CR.
Feb. 12, 1889.		1889.	
To appropriation,	\$600 00	Jan. 26, By paym'ts,	\$25 00
Dec. 31, Barrels sold,	37 34	Feb. 23, "	35 45
Dec. 31, Deficiency,	36 76	Mch. 30, "	61 29
		Apr. 27, "	52 35
		May 25, "	25 00
		June 29, "	80 05
		July 27, "	64 43
		Aug. 31, "	63 74
		Sept. 30, "	25 00
		Oct. 26, "	75 48
		Nov. 30, "	41 61
		Dec. 31, "	124 70
	<hr/>		<hr/>
	\$674 10		\$674 10

DR.	STATE AID.		CR.
Dec. 9, 1889.		1889.	
To cash received from Common- wealth,	\$367 00	Jan. 1, By balance due from the Commonwealth,	\$367 00
Dec. 31, To balance due from the Commonwealth,	500 50	Jan. 26, By paym'ts,	31 50
		Feb. 23, "	39 50
		Mch. 30, "	39 50
		Apr. 27, "	39 50
		May 25, "	47 50
		June 29, "	44 00
		July 27, "	44 00
		Aug. 31, "	44 00
		Sept. 28, "	44 00
		Oct. 26, "	41 00
		Nov. 30, "	43 00
		Dec. 31, "	43 00
	<hr/>		<hr/>
	\$867 50		\$867 50

DR.	DEMAND LOANS.		CR.
Jan. 1, 1889.		1889.	
To am't outstand- ing liabilities,	\$6,100 00	Mch. 23, By paym'ts,	\$2,000 00
Mch. 23, Loan,	2,000 00	June 29, "	200 00
Mch. 30, "	1,000 00	Aug. 3, "	3,000 00
Apr. 30, "	3,000 00	Aug. 10, "	3,000 00
May 18, "	1,000 00	Aug. 16, "	1,000 00
June 28, "	3,000 00	Aug. 26, "	3,000 00
June 30, "	200 00	Aug. 27, "	2,500 00
July 27, "	500 00	Nov. 9, "	1,500 00
July 30, "	2,000 00	Dec. 31, Net liabili- ties,	10,600 00
Sept. 23, "	1,000 00		
Oct. 7, "	6,500 00		
Dec. 31, "	500 00		
	<hr/>		<hr/>
	\$26,800 00		\$26,800 00

DR.	INTEREST ON DEMAND LOANS.		CR.
Feb. 12, 1889.		1889.	
To appropriation,	\$350 00	Feb. 2, By paym'ts,	\$41 78
Dec. 31, Deficiency,	29 43	Mch. 23, "	18 17
		Apr. 27, "	135 00
		June 29, "	10 00
		Aug. 31, "	141 35
		Oct. 26, "	27 50
		Nov. 9, "	5 63
	<hr/>		<hr/>
	\$379 43		\$379 43

DR.	STATE AND COUNTY TAXES.	CR.	
Mch. 16, 1889.		1889.	
To bal. corporat'n tax of 1888,	\$98 13	Nov. 30, By county tax,	\$1,460 82
May 1, State and county taxes as- sessed,	3,640 82	Dec. 9, By state tax,	2,180 00
Dec. 9, Corporat'n tax 1889,	1,235 92	Dec. 9, By national bank tax,	2,104 26
Dec. 9, National bank tax,	887 03	Dec. 31, By bal. in the treas.	188 74
Dec. 9, Foreign ships,	71 92		
	<u>\$5,933 82</u>		<u>\$5,933 82</u>

DR.	DISCOUNT AND COLLECTION OF TAXES,	CR.	
Feb. 12, 1889.		1889.	
To appropriation,	\$650 00	July 27, By paym'ts,	\$10 00
Dec. 31, Int. collected,	217 16	Aug. 31, " "	20 13
Dec. 31, Deficiency,	189 46	Dec. 31, " "	1,026 49
	<u>\$1,056 62</u>		<u>\$1,056 62</u>

DR.	ABATEMENT OF TAXES.	CR.	
Feb. 12, 1889.		1889.	
To appropriation,	\$350 00	Jan. 26, By paym'ts,	\$7 70
Dec. 31, Additional taxes collected,	18 91	June 29, " "	6 84
Dec. 31, Deficiency,	54 41	Aug. 31, " "	77 16
		Sept. 30, " "	11 89
		Oct. 26, " "	1 74
		Nov. 30, " "	39 28
		Dec. 31, " "	278 71
	<u>\$423 32</u>		<u>\$423 32</u>

DR.	(COLLECTOR OF TAXES, 1881.) SETH SMITH.	CR.	
Jan. 1, 1889.		1889.	
To bal. taxes due,	\$466 44	Dec. 31, By balance taxes due,	\$466 44
	<u>\$466 44</u>		<u>\$466 44</u>

DR.	(COLLECTOR OF TAXES, 1886.) JOSEPH S. ATWOOD.	CR.	
Jan. 1, 1889.		1889.	
To bal. taxes due,	\$750 89	Apr. 27, By cash,	\$200 00
Dec. 7, Int. collected,	15 45	Dec. 7, " "	566 34
	<u>\$766 34</u>		<u>\$766 34</u>

DR.	(COLLECTOR OF TAXES, 1887.) JOSEPH S. ATWOOD.	CR.	
Jan. 1, 1889.		1889.	
To bal. taxes due,	\$2,608 77	Jan. 31, By cash,	\$706 31
Dec. 9, int. collected,	53 50	Sept. 1, " "	223 79
	<u>\$2,662 27</u>	Dec. 12, " "	1,732 17
			<u>\$2,662 27</u>

DR.	(COLLECTOR OF TAXES, 1888.) JOSEPH S. ATWOOD.	CR.	
Jan. 1, 1889.		1889.	
To bal. taxes due,	\$9,971 73	Feb. 23, By cash,	\$1,085 60
Dec. 31, Additional taxes collected,	11 12	Mch. 23, " "	441 87
Dec. 31, Int. collected,	148 21	Apr. 27, " "	533 00
		June 28, " "	721 29
		July 30, " "	115 82
		Aug. 26, " "	252 80
		Sept. 17, " "	200 01
		Oct. 1, " "	150 00
		Dec. 31, " "	3,165 82
		Dec. 31, Bal. taxes due,	3,464 85
	<u>\$10,131 06</u>		<u>\$10,131 06</u>

DR.	(COLLECTOR OF TAXES, 1889).	CR.
	JOSEPH S. ATWOOD.	
Aug. 1, 1889.	1889.	
To State tax,	\$2,180 00	Aug. 31, By cash, \$15,432 36
County tax,	1,460 82	Sept. 30, " 2,565 20
Town tax,	33,500 00	Oct. 26, " 3,100 39
Town Hall loan		Nov. 30, " 3,430 10
and int.	5,980 00	Dec. 31, " 4,089 41
Overlayings.	188 40	Dec. 31, Disct. on taxes, 515 87
Non-resident		Dec. 31, Collection of
bank tax,	2,169 69	taxes, 508 22
Dec. 31, Additional		Dec. 31, Bal. taxes
taxes collected,	7 79	due, 15,795 15
	<u>\$45,436 70</u>	<u>\$45,436 70</u>

DR.	SUPPORT OF THE POOR.	CR.
	1889.	
Feb. 12, 1889.		
To appropriation		Jan. 26, By paym'ts, \$683 44
for poor and		Feb. 23, " 184 54
salaries,	\$3,600 00	Mch. 30, " 311 59
Cash received for		Apr. 27, " 667 42
insane,	377 92	May 25, " 132 02
Cash for tempo-		June 29, " 514 20
rary aid,	66 63	July 27, " 280 01
Cash from Com-		Aug. 31, " 175 67
monwealth,	55 01	Sept. 30, " 232 71
Cash from Mary		Oct. 26, " 528 94
Marshall,	107 25	Nov. 30, " 221 40
Estate Joshua		Dec. 31, " 333 20
Hutchins,	9 50	Dec. 31, Salary of
Sale of barrels,	1 64	Overseers, 450 00
Cities and Towns,	159 95	
Dec. 31, Deficiency,	337 24	
	<u>\$4,715 14</u>	<u>\$4,715 14</u>

DR.	TOWN HALL.	CR.
	1889.	
Jan. 11, 1889.		
To Woman's Relief		By W. L. Burbank's in-
Corps, rent,	\$50 00	surance, \$350 00
Jan. 16, Sale of barrels,	6 00	Walworth M'fg. Co.,
Jan. 22, Cash of M. L.		fixtures, 7 44
Adams, rebate,	70 00	O. C. R. R., freight, 12 24
Feb. 1, Universalist		N. C. Brooks, carting, 6 10
Society, rent,	50 00	Gilbert and Barker M'fg
Feb. 16, Center M. E.		Co., gasolene, 100 40
Society, rent,	50 00	Webster Gasolene Co.
Feb. 20, Woman's Relief		gasolene, 78 66
Corps, rent,	7 50	John D. Hilliard, supplies, 2 96
May 4, Woman's Relief		Alfred Small, stock and
Corps, rent,	7 50	labor, 46 34
May 21, Tiger Engine		John H. Livermore,
Co., rent,	29 00	stock and labor, 2 77
May 25, Mary B. Lock-		George F. Johnson,
wood, rent,	5 00	stock and labor, 13 45
June 1, J. C. Freeman		Josiah F. Small, one tree, 1 25
Post, rent,	35 00	Daniel F. Lewis, stock
July 6, Class of 1889,		and labor, 5 58
rent,	48 00	Chas. W. Burkett, stock
Aug. 6, J. C. Freeman		and labor, 9 04
Post, rent,	15 00	John Adams, washing
Aug. 12, Lucier Novelty		powder and soap, 2 87
Co., rent,	35 00	Andrew T. Williams,
Aug. 24, Paine and		23 tons coal, 122 13
Swift, rent,	8 00	Andrew T. Williams, 3
Aug. 28, Nickerson and		cords wood, 22 00
Snow, rent,	20 00	H. C. Holmes, fixtures, 60
Sept. 23, Republican		J. A. West, fixtures, 5 95
Caucus, rent,	5 00	Joseph W. Cook, painting, 12 35
Sept. 23, J. C. Rockwell,		Enoch N. Sumner, labor
rent,	110 00	on grounds, 2 14
Sept. 25, Democratic		Central Whf. Co. 2 tons
Caucus, rent,	2 00	Franklin coal, 14 00

Oct. 4, Leonard N. Swift, rent,	\$130 00	Jesse Nickerson, labor on grounds,	\$2 13
Oct. 19, J. H. Hopkins, rent,	15 00	H. F. Hopkins, printing,	2 00
Nov. 8, County of Barn- stable, rent,	10 00	Benj. Lancy, 41900 lbs. coal,	117 32
Nov. 9, Centenary M. E. Society, rent,	50 67	Amasa Taylor, repairing gates,	2 25
Nov. 9, Universalist Society, rent,	17 50	Hannah M. Eaton, cleaning Town Hall,	3 00
Dec. 27, A. P. Hannum, rent,	3 00	Isabella McDonald, clean- ing,	4 00
Dec. 28, St. Peter's Aid Society, rent,	10 00	Mary Lema, cleaning,	16 50
Dec. 31, Tiger Engine Co., rent,	30 00	Nathaniel W. Ayers, salary as janitor,	200 00
Dec. 31, G. H. Holmes, pump,	10 00	N. W. Ayers, salary as keeper of Lockup,	15 00
Dec. 31, Jail fees rec'd,	4 00	Washing towels,	70
Dec. 31, Deficiency,	393 95	Joseph L. Chase, carting soil,	7 90
		Wm. H. Ayers, moving settees,	8 55
		Labor on gasolene,	3 50
		Putting in wood,	75
		Putting in 22 tons coal,	5 50
		Lewis A. Smith, labor on gasolene,	3 55
		Moving settees,	8 35
		Labor on grounds,	3 80
		Labor at entertainments,	4 15
	<u>\$1,227 22</u>		<u>\$1,227 22</u>

DR.	INCIDENTAL EXPENSES.	CR.	
Feb. 12, 1889.	1889.		
To appropriation,	\$1,700 00	By H. F. Hopkins, print- ing town reports,	\$130 00
Cash from weir licenses,	225 00	Auditor,	3 00
Junk licenses,	8 00	James Gifford, services as moderator,	6 00
Auctioneer licenses,	8 00	H. F. Hopkins, print- ing,	57 25
Billiard licenses,	4 00	Percy M. Blake, civil engineer, and survey- ing water supply,	226 13
Milk licenses,	31 50	Daniel F. Lewis, labor and wells,	47 02
Sealing weights and measures,	37 69	Lewis B. Pinckney, labor on water supply,	10 00
County of Barnstable, bounty on seals,	7 00	Hooper, Lewis & Co., one book for assessors,	2 25
D. Ryder, permits grant- ed,	3 00	A. L. Putnam & Co., stationery,	12 10
Dec. 31, Deficiency,	335 87	Bounty on Seals,	7 00
		Samuel Knowles, use of teams,	19 00
		H. P. Harriman, legal advice,	56 31
		Services of teller, election Apr. 27,	10 00
		Inspectors at State election Nov. 5,	10 00
		Thorpe and Adams M'fg, Co., stationery,	9 95
		Assessment records,	1 03
		E. C. Norris, abstracts,	15 25
		Freeman H. Lothrop, probate records,	1 60
		N. C. Brooks, use of team,	1 00

Am't br'ght forward, \$2,360 06	Official oaths,	\$7 50
	One tape line,	3 55
	Repairing compass,	6 50
	H. M. Knowlton, costs,	32 98
	James A. Small, travelling expenses,	5 25
	M. L. Adams, travelling expenses,	15 13
	Petition to County Commissioners,	3 00
	Alfred Small, voting compartment,	60 11
	Assessors of taxes,	630 00
	One letter file,	75
	One bottle cancelling ink,	50
	W. S. Birge, returning 26 births,	6 50
	Mary Tarves, returning 20 births,	5 00
	Mary Silva, returning 15 births,	3 75
	Wm. M. Moore, returning 15 births,	3 75
	E. C. Peck, returning 12 births,	3 00
	Annie J. Caton, returning 12 births,	3 00
	Hannah Jones, returning 11 births,	2 75
	W. W. Gleason, returning 8 births,	2 00
	A. H. Newton, returning 7 births,	1 75
	Mary Joseph, returning 4 births,	1 00
	Louisa Lopez, returning 4 births,	1 00

Am't br'ght forward, \$2,360 06	Mary Perry, returning 3 births,	\$0 75
	D. Ryder, State agent,	4 50
	Postage and express,	14 85
	Box rent,	1 00
	Seth Smith, salary as treasurer,	250 00
	Attending annual meeting and recording same,	10 00
	Attending adjourned meeting,	3 00
	Attending special election, April 27,	5 00
	Sealer of weights and measures,	25 00
	Milk inspector,	20 00
	Attending election Provinctown and Wellfleet and recording the same,	15 00
	Recording 137 births,	68 50
	“ 49 marriages,	8 25
	“ 20 deaths,	00
	“ 76 “	7 60
	Joseph Whitcomb, returning 96 deaths,	24 00
	Board of registr's, salary,	75 00
	Selectmen's salary,	400 00
		<hr/>
	\$2,360 06	\$2,360 06

	Appropriations and Receipts.	Net Expenditures.
Watch and Police,	\$200 00	\$198 80
Article 12, Warrant 1889,	300 00	3 00
Memorial Day,	100 00	100 00
Town Hill and Fences,	50 00	14 07
Cemeteries,	25 00	23 48
Health Department,	50 00	34 61
Support of Poor,	3,600 00	3,937 24
Schoolhouse Loan and Interest,	825 00	825 00
Railroad Loan and Interest,	2,200 00	2,200 00
Assessed for Town Hall Loan,	5,980 00	5,980 00
Piano and other Articles,	500 00	507 14
Repairing Bulkhead, Carver St.,	500 00	498 00
Public Library,	800 00	800 00
Jetty System,	500 00	933 60
Roads and Walks,	2,700 00	2,694 10
Fire Department,	7,100 00	7,836 63
Shingling Eastern and Centre School- houses,	300 00	409 98
Public Schools and School Fund,	9,210 62	8,616 67
School House repairs,	400 00	291 22
School Incidentals,	400 00	425 79
Free Text Books,	700 00	738 74
Street Lights,	600 00	636 76
Interest on Demand Loans,	350 00	379 43
Assessed for State and County Taxes,	3,640 82	3,640 82
Received from Commonwealth on account Corporation Bank and Foreign Ship Tax,	2,293 00	2,104 26
Discount and Collection Taxes,	650 00	839 46
Abatement of Taxes,	350 00	404 41
Town Hall (receipts),	*833 27	†1,227 22
Incidental Expenses,	1,700 00	2,035 87
	\$46,857 71	\$48,336 30

* Gross receipts.

† Gross expenditures.

ESTIMATED EXPENSES FOR 1890.

Watch and Police,	\$200 00
Memorial Day,	100 00
Town Hill and Fences,	25 00
Cemeteries,	25 00
Health Department,	25 00
Schoolhouse Loan and Interest,	787 50
Railroad Loan and Interest,	2,100 00
Support of Poor and Salaries,	3,600 00
Street Lights,	650 00
Interest on Demand Loans,	350 00
Discount and Collection of Taxes,	650 00
Abatement of Taxes,	700 00
Incidental Expenses,	1,700 00

Respectfully submitted,

MARSHALL L. ADAMS,
JAMES A. SMALL,
THOMAS LEWIS,

Selectmen of Provincetown.

REPORT OF THE TREASURER.

RECEIPTS.

Cash in the treasury, Jan. 1, 1889,	\$1,867 19
Commonwealth, contagious diseases,	80 12
Received on account of poor,	777 90
County dog fund,	204 94
Roads and walk department, material sold,	116 56
Rebate on roads,	6 56
Rebate on Jetty System,	33
Mass. school fund,	610 62
Text books,	14 15
Sale of oil bbls.,	37 34
Commonwealth State aid,	367 00
" Corporation tax, 1888,	98 13
" " " 1889,	1,235 92
" National bank tax,	887 03
" Foreign ships,	71 92
Town Hall receipts,	833 27
" " Piano and other fixtures,	39 90
Weir licenses,	225 00
Milk licenses,	31 50
Auctioneer licenses,	8 00
Junk licenses,	8 00
Billiard licenses,	4 00
Sealing weights and measures,	37 69
County of Barnstable, bounty on seals killed,	7 00
David Ryder, permits granted,	3 00
Demand loans,	20,700 00
Taxes of 1886,	750 89
Interest on taxes of 1886,	15 45

Taxes of 1887,	2,608 77
Interest on taxes of 1887,	53 50
Taxes of 1888,	6,506 88
Interest on taxes of 1888,	148 21
Taxes of 1889,	29,633 76
Additional taxes,	18 91
	\$68,009 44

EXPENDITURES.

The treasurer has paid out upon vouchers the following sums:—	
Watch and police,	\$198 80
Article 12 of the warrant,	3 00
Memorial Day,	100 00
Town Hill and fence,	14 07
Cemeteries,	23 48
Health department,	114 73
Schoolhouse loan and interest,	825 00
Railroad loan and interest,	2,200 00.
Town Hall loan and interest,	5,980 00
Piano and other articles for Town Hall,	547 04
Building bulkhead on Carver St.,	498 00
Roads and walks,	2,816 22
Support of poor and salaries,	4,715 14
Fire department,	7,836 63
Public Library, .	1,004 94
Public schools,	8,616 67
Schoolhouse repairs,	291 22
School Incidentals,	425 79
Text books and supplies,	752 89
Shingling Eastern and Centre schoolhouses,	409 98
Street lights,	674 10
State aid,	500 50
Demand loans,	16,200 00
Interest on demand loans,	379 43
State tax, 1888,	10 00
" " 1889,	2,180 00

County tax,	1,460 82
National bank tax,	2,094 26
Discount and collection of taxes,	1,056 62
Abatement of taxes,	423 32
Town Hall,	1,227 22
Incidental expenses,	2,360 06
Jetty system, east end,	933 93
Balance in the treasury,	1,135 58

\$68,009 44

LIABILITIES, DEC. 31ST, 1889.

Town Hall loan,	\$32,200 00
Interest from Oct. 7,	281 75
Railroad loan,	2,000 00
Interest from Aug. 1,	41 67
New schoolhouse loan,	750 00
Demand loans,	10,600 00
Interest on same,	243 26
Public schools,	593 95

\$46,710 63

ASSETS.

Due for military aid,	\$500 50
Taxes 1881,	446 44
" 1888,	3,464 85
" 1889,	15,795 15
State on account poor,	42 46
Cash in the treasury, Dec. 31,	1,135 58
Net liabilities,	25,325 65

\$46,710 63

Dec. 31, 1888. Net liabilities,	\$32,956 40
Dec. 31, 1889. " "	25,325 65

Decrease past year, \$7,630 75

Respectfully submitted,

SETH SMITH, *Town Treasurer.*

REPORT OF AUDITOR.

The undersigned, Auditor of the accounts of the Town of Provincetown, has attended to the duty assigned him and respectfully reports: That he has carefully examined and balanced the accounts of the Town Officers, as represented upon Cash Book, Ledger and Book of General Orders, and compared the same with Bills represented paid, and finds balances correct.

FINANCIAL STATEMENT.

Balance in the treasury, Dec. 31, 1888,	\$1,867 19
Receipts of the year, 1889,	66,142 25

\$68,009 44

Paid out on proper vouchers,	\$66,873 86
Balance in treasury, Dec. 31, 1889,	1,135 58

\$68,009 44

Number of bills paid,	1208
Amount paid on the same,	\$66,873 86

Respectfully submitted,

A. L. PUTNAM, *Auditor.*

REPORT OF OVERSEERS OF THE POOR.

The undersigned, Overseers of the Poor, submit the following report:—

SUPPORT OF THE POOR IN ALMSHOUSE.

Salary of superintendent,	\$260 00.
Groceries and provisions,	431 77
Fuel and lights,	70 70
Clothing and bedding,	74 62
Boots and shoes,	20 20
Furniture and fixtures,	24 49
Repairs,	25 82
Dressing for land,	6 25
Medical attendance and medicine,	11 00
	<hr/>
Cost of poor at Almshouse,	\$924 85
Remaining in Almshouse Dec. 31st, 1888,	14
Admitted during the year,	2
	<hr/>
	16
Discharged,	9
	<hr/>
Remaining in Almshouse Dec. 31st, 1889,	7
Number of persons fully supported at Almshouse,	16
“ “ “ “ hospital for insane,	9
“ “ “ “ insane at private families,	2
	<hr/>
Total number fully supported,	27
Number of families partially supported,	36
Number of dependants of families,	75
Number of tramps,	5

INMATES OF THE ALMSHOUSE FROM DECEMBER 31ST, 1888, TO DECEMBER 31ST, 1889.

NAME.	AGE.	BIRTHPLACE.	NATURE OF SETTLEMENT.	WHEN REG.	REMARKS.
Frank A. Cook,	44	Provincetown,	Father,	1888	
Nellie Cutter,	32	Boston,	Cambridge,	1889	Discharged Jan. 18, 1889.
Mary Francis,	23	Pico, W. I.	State,	1888	Discharged April 17, 1889.
Joseph Francis,	9 mos.	Provincetown,	State,	1889	Discharged April 17, 1889.
Joseph A. Hill,	16	Provincetown,	Mother,	1873	Discharged Dec. 7, 1889.
Zilla D. Howe,	59	Eastham,	Father,	1858	
Ida Newcomb,	37	Harwich,	Father,	1877	Discharged Sept. 25, 1889.
Hannah E. McIntosh,	42	Provincetown,	Father,	1879	Discharged Feb. 11, 1889.
James P. Smith,	16	Provincetown,	Mother,	1879	Discharged Feb. 11, 1889.
Henry F. Smith,	8	Provincetown,	Mother,	1881	Discharged Feb. 11, 1889.
E. Thomas Smith,	54	Provincetown,	Father,	1887	Discharged Jan. 30, 1889.
Joshua Smith,	75	Provincetown,	Taxation,	1882	
Reuben A. Smith,	40	Provincetown,	Father,	1870	
John Stone,	80	Provincetown,	Taxation,	1882	
Sarah Wareham,	74	Boston,	Marriage,	1873	
Charles Wright,	59	New Jersey,	Taxation,	1888	

SUPPORT OF THE POOR OUT OF THE ALMSHOUSE.

Avilla, Manuel D.,	\$100 03
Cadosh, Isabella F.,	48 38
Collins, Nellie B.,	15 00
Corea, Mary,	124 78
Cobee, Mary A.,	131 58
Costa, Justine,	36 00
Davis, Louise,	64 73
Enos, Gertrude,	25 00
Enos, Mary,	29 89
Fancy, Sophia,	13 26
Fleet, John M.,	7 46
Greely, Manuel S.,	7 00
Hill, Joseph A.,	2 68
Jason, Johanna,	64 60
Joseph, Mary,	60 00
Kenney, Annie,	6 50
Leander, Joseph Francis,	123 02
Lema, Mary,	130 13
Marshall, Mary,	10 00
Martin, Rosa,	20 00
McCurdy, Archibald,	3 38
Noons, Mary C.,	25 00
Paine, Elizabeth,	18 26
Parone, Amelia,	68 50
Rich, Obed S.,	82 87
Roberts, James C.,	18 75
Smith, Joseph A.,	6 63
Stone, John,	1 50
Thomas, Samuel A.,	45 84
Wareham, Sarah,	20 00
Whelding, William,	12 00
Cost of persons partially supported,	\$1,322 77

Cost of persons partially supported, \$1,322 77

INSANE FULLY SUPPORTED.

Brown, George,	\$170 66
Fine, Ellen,	170 66
Hamilton, Francis,	169 21
Hutchins, Joshua,	92 85
Kelley, James F.,	144 00
Lema, Joseph,	183 05
Mayo, Joseph A.,	169 27
Smith, Margaret,	44 04
Winslow, James,	170 66
	<hr/>
	\$1,314 40
Support of the poor in the Almshouse,	924 85
	<hr/>
Total cost of town's poor and insane,	\$3,562 02
Poor of cities and towns, reimbursed,	159 95
Insane persons, reimbursed,	377 92
Commonwealth cases, reimbursed,	97 47
Temporary aid, reimbursed,	65 03
Five tramps,	2 75
Salaries of Overseers,	450 00
	<hr/>
	\$4,715 14
Appropriation,	\$3,600 00
Cash received for insane,	377 92
“ “ Temporary aid,	65 03
“ “ Commonwealth cases,	55 01
“ “ Sale of barrels,	1 64
“ “ from Charles W. Campbell,	1 60
“ “ from Joshua Hutchins,	9 50
“ “ from Mary Marshall,	107 25
“ “ from cities and towns,	159 95
Deficiency,	337 24
	<hr/>
	\$4,715 14

Respectfully submitted,

MARSHALL L. ADAMS,
THOMAS LEWIS,
JAMES A. SMALL,

Overseers of the Poor.

REPORT OF THE COMMITTEE ON WATER SUPPLY.

The Committee appointed at the annual meeting held Feb. 11, 1889, to take into consideration the question of a water supply for the town submit the following report:—

In considering the subject, your Committee after an examination of several sources of supply, deemed it advisable to refer the whole matter to a practical and experienced engineer to make the necessary surveys, estimates, etc., and for said engineer to make a full report on the question that the town might act understandingly. Mr. Percy M. Blake of Hyde Park was invited to meet your Committee and the matter was placed in the hands of Mr. Blake to be assisted by Mr. Daniel F. Lewis, one of the Committee. His report is so full and complete that it is unnecessary for the Committee to do more than to call your attention to the analysis and reply of the State Board of Health to an application from the Committee for advice in relation to a water supply under the provisions of chapter 275, acts of 1888.

Although the needs of a supply of pure water sufficient for fire and domestic purposes is generally conceded and felt to be a public privilege generally enjoyed by many smaller towns, yet in view of the present depression of the fisheries, your Committee do not feel justified in advising you to undertake the building of water works at present, we recommend that the acceptance of the act passed by the Legislature, which is submitted with this report be deferred to some future meeting.

MARSHALL L. ADAMS,
JAMES A. SMALL,
THOMAS LEWIS,
GEORGE H. HOLMES,
JOHN D. HILLIARD,
DANIEL F. LEWIS.

TO MARSHALL L. ADAMS, JAMES A. SMALL, THOMAS LEWIS,
GEORGE H. HOLMES, J. D. HILLIARD, DANIEL F. LEWIS, COM-
MITTEE ON WATER SUPPLY, PROVINCETOWN, MASS.

GENTLEMEN:—I submit the following report on the project of a public water supply for the village of Provincetown:—

It will be of interest to enquire:

First, What advantages follow the general introduction of pure water?

Second, In what way are these advantages realized and to what extent are they of practical value.

Third, What will the securing of such advantages and conveniences cost the individual property owner and tax-payer, and,

Fourth, How will the finances of the town be affected by the undertaking of such a project.

Public water works have been so generally constructed by town and villages in Massachusetts during the last few years that no doubt a large part of your citizens have had opportunities when away from home to observe to some extent the purposes and uses to which a public water supply can be put.

One of the advantages first noticed is the convenience of such a supply. No pumps, cisterns or wells are required in or about the house; the water is always pure and healthy and flows with force in any quantity desired; the pressure is sufficient to throw streams of water over the highest portion of a building and the whole service is controlled by a simple faucet which can be opened and closed by a child. The convenience of having an abundance of water, of having it come through a single clean pipe without any exertion on the part of the housekeeper at any and all hours of the day and night and the ensuring of pure healthy water at all times is in itself a practical advantage worth securing at any reasonable cost. It has been estimated in many cases that the saving in cost of repairs of cisterns, pumps and wells alone is more than the annual cost of all the water required and used by a large family.

As a protection against disease and sickness, a public water supply offers an advantage. In very many instances in Provincetown, the present water supply for the family use is drawn from the sandy subsoil in close proximity to privy vaults and cesspools. Examinations show that in the thickly settled parts of the village there are few wells which are not within twenty feet of a privy vault and perhaps nearer the point where all the family slops and sink waters are deposited on or in the ground.

It is impossible that wells thus located should yield wholesome, healthy water.

The constant use of polluted drinking water produces various effects on the user. Young children are often sensitive to the poison, showing the effects by outbreaks of inflammatory throat troubles, derangements of the stomach and digestive organs, scarlet and typhoid fevers and yielding more easily to the common diseases of childhood when attacked by them. Adults show the effects in impaired powers of resistance to disease as well as by positive disturbances of the system. Typhoid fever and diphtheria are believed to have their origin, in many cases, in impure drinking water, and cases of extreme pollution have directly caused the death of perfectly healthy people.

A peculiarity of polluted water is, that in many instances the pollution is not specially evident to smell or taste and thus not easy to detect. In such cases where sickness attacks the family the cause of the disease is unsuspected and remains to work its effect again at the first opportunity.

The statistics recorded in recent years show that in those towns and villages which have provided themselves with clean and pure public water supplies, the average annual death rate has been reduced and the general public health improved.

Another domestic use to which public water can be put with specially good results in this particular case, is that of irrigation. The successful cultivation and growth of vegetables, shrubs, trees and grass depends in Provincetown very largely upon the regularity of the rainfall, supplemented by such water as can be added by hand. Although water is obtained without much difficulty in the driven wells so extensively used in the

village, the work of pumping and distributing it over the ground is arduous and consequently not popular.

With an abundance of water under heavy pressure, by means of inexpensive hand-hose, the streets, dooryards and gardens can be wet down without labor, the garden made to bear vegetables and fruit, the lawn freshened up and barren spots made green. It is difficult to fully foresee and appreciate the extent of the improvement in this direction which will follow the introduction of a public water supply. Many towns undergo so radical a change in appearance that it seems like the work of magic.

Another practical advantage of a public water supply is the protection against fire afforded.

The placing of hydrants, each furnishing two streams of water, at intervals of a few hundred feet all over the village, furnishes a sure and always ready means of extinguishing any fire which may start.

The usual hydrant capacity for a village of the size of Provincetown is equal to throwing eight streams of water simultaneously to the full maximum height of the service. This capacity is about equal to that of four steam fire engines, each throwing two streams.

In some towns the value of a modern hydrant service alone, has been considered great enough to warrant the introduction of water. The recent experience of Marblehead and the past experience of Hopkinton, Ayer, Gloucester and other towns suggests in a practical way the value of a public water supply for protection against fire.

Now all the advantages referred to above have a cash value. Any improvement which saves labor to the housekeeper, which promotes and preserves the health of children and adults, which in its application enhances the value of private property and saves from destruction the hard earned savings of the taxpayer and the investments of the capitalist and manufacturer is worth something in dollars and cents.

If it is an improvement of a nature which requires that it can best be provided under public official management these advan-

tages can be furnished to the citizens of the town at the smallest possible cost. This is the policy adopted by the majority of the towns in Massachusetts, and in each case for a small annual payment all the convenience, security, facility for improvement and protection afforded by competent water works is guaranteed to every householder and citizen who will avail himself of the opportunity.

As to the cost of introducing a public water supply in this case I submit the results of my surveys and examinations herewith.

The levels and measurements necessary to the outlining of the most feasible plan have been taken, and I am able to give you an accurate estimate of the cost and a full description of the details and operation of the plan proposed.

An examination of the ponds within the territory of the town-ship shows them to be unfit in their present condition to furnish suitable water for your purposes. It may be noted however that by proper methods of filtration this pond water (excepting probably that found in Shank Painter Pond) can be clarified and rendered in every essential way proper for general domestic use.

Examinations in general of the area lying north and east of the village plainly showed that no opportunity for gathering and impounding a supply of surface water existed within the limits of the town and that even were it possible to find a water shed of area sufficient to yield enough water for your purpose the storing and holding of such water would be an impossibility owing to the extreme porosity of the sandy soil covering the entire territory of the township.

There are no running streams of water in the town, and the levels of the water surfaces of the several ponds are on the same plane as mean high water in the Atlantic Ocean.

With the assistance of Mr. Daniel F. Lewis, of the Committee, a number of tests of the subsoil water was made by means of driven wells.

The first well was driven in a hollow back of High Pole Hill. The water level was reached at a depth of 16 feet from the sur-

face and the quality of the water obtained was good and the quantity apparently inexhaustible. The driving of this well was continued until a depth of 42 feet from the surface of the ground was reached, the lower end of the pipe terminating in water 26 feet below the level of mean high tide. The quality of the water at this latter depth was not quite so good, there being noticeable a taste which largely disappeared after the water had been exposed a few moments to the air. A sample of water from this well taken from a depth of 21 feet below the surface of the ground and 5 feet below the level of mean high tide was sent to the State Board of Health for analysis and examination.

The next well was driven in the southwest corner of the cranberry meadow west of Bennett's ice houses and north of the pest house. The depth reached was 21 feet and the quality of the water, which was pumped freely and in large quantities, was disagreeably rank and strong. The samples obtained were also highly tinged a deep yellow. Upon standing in the open air a few moments, nearly all the smell disappeared, indicating that it was due to the presence of gaseous elements rather than to an impregnation by solution.

The next well was driven in the easterly edge of the cranberry meadow lying next east of Clapp's Pond with results similar to those obtained from the experiment last described. Water taken from this well was subjected to a crude process of filtration through dry sand obtained in the neighborhood, with the result of removing nearly all the color, and so far as could be perceived, all of the smell.

The next well was driven on the southerly shore of Clapp's Pond and with results similar to those obtained from the two preceding experiments. No difference was noticed in these three cases in the color and smell of the sample and the same peculiarly rapid disappearance of the smell upon exposure to the air was observed in each case.

The next well was driven near the tongue of land which projects somewhat into Clapp's Pond at its southeast limit. This well was driven to a depth of 14 1-2 feet from the surface of the ground and 8 1-2 feet below the level of standing water,

the latter being on a level with mean high tide. At this depth an abundant supply of excellent water was obtained. This well was driven 8 feet farther with the result of finding equally good water at that level. At this point there is a layer of stratum of good water 16 feet in depth.

Between this well and Clapp's Pond and on a northwesterly line two other wells were driven both yielding water of good quality. To the westward of these last two wells and between them and an adjoining cranberry meadow two more wells were driven both of which tapped a vein of the highly colored and offensive smelling water before referred to.

Another experiment was made in this neighborhood by driving a well 100 feet southerly from the one first driven, and this well yielded water of fair quality but with some odor.

After leaving this locality, wells were driven in the hollows or valleys lying to the southeast of Clapp's Pond with unsatisfactory results, a disagreeable smell arising in each case from the water obtained. Samples for analysis by the State Board of Health have been sent from Clapp's Pond, February 20, 1889. From Shank Painter Pond, February 20, 1889. From the well driven north of High Pole Hill, February 20, 1889. From the well yielding good water, driven in the tongue of land projecting into Clapp's Pond, two samples, March 15, 1889. From the third well driven in the cranberry meadow east of Clapp's Pond, yielding the strong smelling water, March 26, 1889.

The following facts were demonstrated by these well experiments :

1. An abundance of water exists in the ground in all parts of the territory examined, the surface of this water standing on a level with mean high tide or slightly below it.
2. The porous nature of the soil is such that this water can be withdrawn by means of driven wells without difficulty.
3. The subsoil consists of sand of varying grades of fineness, and in itself is clean and capable of cleansing by filtration all ordinary water which happens to pass through it.
4. There are certain vegetable deposits probably largely of marine origin, lying in the subsoil at or below mean sea level.

In the changing processes which have formed the valleys and hills of Provincetown these deposits have been buried, sinking perhaps to a deeper level or where originally deposited below highwater mark as they would be in such stagnant ponds partly cut off from the sea as the East harbor being simply covered by dry sand blown in by the wind.

The present contours of the territory show plainly that the areas now covered by the stagnant fresh water ponds were once open to tidal action and the admission of sea water, and the formative stages of landmaking can now be seen in the northerly and easterly parts of the town. The valley or depression extending in a general way east and west and including Bennett's and Clapp's Ponds within its area was undoubtedly once a narrow arm of the sea covered with water of shoal depth. Except at its outlet there was no active current when the tide rose and fell, and the growth of marine vegetation must have been undisturbed and vigorous, and the accumulation of the decaying products of this vegetation, rapid. When this lagoon was closed by drifting sands against tidal action, further growth of marine vegetation was stopped and by natural processes, such as the gradual replacing of the stagnant water by the rainfall and the deposition of sand along its margin, resulting in the gradual closing in upon the pond of the surrounding hills, the decaying sea weed was buried below the water level in the soil and now impregnates the water passing through it with the color and gases arising from its slow decomposition.

It is evident from a study of the formation of the township that this process may have occurred over large portions of its territory. Hundreds of years may have been required in the forming and shaping of the contours we now observe, but evidence of the process is furnished by the investigations thus far made.

It is only necessary to find an area or bed of sand below the level of saturation in the soil of sufficient extent and depth to obtain a supply of water suitable for your purposes.

The filtering power of the sand is probably sufficient to remove from the water flowing through it, all color, smell and

taste, for if this were not so, there would not exist the areas of pure water which the recent examinations developed.

A suitable location for obtaining the supply of water desired can be found near the southerly shore of Clapp's Pond, between the pond and the hills. At this point a series of tube wells can be driven into the stratum of good water discovered and a supply of twenty thousand gallons per hour obtained.

The present population of Provincetown is about 5000, the daily rate of consumption will probably not exceed 40 gallons per person or 200,000 gallons per day after water is thoroughly introduced. The rate of consumption varies in towns of the size of Provincetown from 30 to 70 gallons per person per day.

The plan proposed is as follows. Driven wells are to be used to obtain the supply of water needed, which is to be pumped directly into the street mains and after circulating in this manner will flow into a covered storage stand-pipe erected on High Pole Hill.

This stand-pipe is to be made of heavy sheet iron, is to be thirty (30) feet in diameter and eighty (80) feet high, and will contain 420,000 gallons of water. The thickness of the shell will be for the bottom and lower third five-eighths inch, for the second third half inch and for the upper third three-eighths inch.

I have prepared a large map or plan showing the details of this plan with pipe lines, stop valves, fire hydrants, etc., also levels and heights of fire streams at different points in the village. You will notice that the arrangement of piping is planned so that the flow of water from the pumping station will be general through all the distributing pipes. By employing check valves in the pipes at the foot of Winslow Street the water will be compelled to travel to the eastward and from Commercial St. through the cross streets to Bradford and then westerly through Bradford Street to the rising main in Winslow street before it can flow up into the stand-pipe. When the pumping is stopped these check-valves will immediately open and a reverse flow will take place and the whole capacity of the stand-pipe will be available. The check valves are of extremely simple construction

and will never fail to work, If desired, there can be added at an extra expense of about two hundred dollars another automatic supply valve which will enable the fire department to confine and increase the pressure throughout the whole system of piping. This operation will consist of closing a single gate at the foot of Winslow street, which will not cut off the supply and pressure from the stand-pipe unless the pumping engine is running; in the latter case the closing of this gate will cause an increase of pressure at once and the force of hydrant streams will be increased up to the limit of the pumping engine to supply water. When this limit is reached or if the engine is stopped, the supply of water will not be cut off but will simply fall back to the pressure of the stand-pipe service.

The pumping station proposed is to be a plain brick building with slated roof, and having a draft chimney sixty-five feet high. The pumping plant is to consist of two duplex condensing engines with independent condensing apparatus, feed pump, and two boilers of proper capacity.

Plants similar to this can be seen at Middleboro, North Easton, and Mansfield, and for efficiency and durability probably no type of pumping machinery of similar capacity is more economical for the service of a village like Provincetown.

The piping proposed is to be cast iron of standard quality and weights to be made for this special case; the hydrants are to have two outlets for standard 2 1-2 inch fire hose, (a third outlet for suction connection can be added if desired) and will be so constructed as to drain through the bottom automatically when closed. The stop valves or gates will allow of closing off sections of piping for repairs or examination. All pipes are to be laid four and one-half feet below the surface of the ground.

The various details of cost are given on the estimate sheet and may be relied upon as accurate at present market prices for materials.

You will also find a table of levels and a schedule of piping showing the streets to be piped.

The map will show the location of valves and fire hydrants. The cost of the project will be about sixty-five thousand dol-

lars and the usual charter provisions will allow the issue of town bonds to run thirty years, if desired, to meet the expense.

It is important that this feature of the case should be well understood and properly weighed by your citizens.

In the first place, this project is in no sense experimental. There are but two towns in the state, Ipswich and Andover, I believe, as large as Provincetown without a public water supply. Many of the small farming towns, nearly all of the medium sized manufacturing towns, and all of the larger towns have constructed public water works; some of them at large expense. In every instance the results have been favorable and satisfactory.

A project of this kind must be viewed from a common sense, business standpoint. There is no investment of public money which brings in such a pecuniary return as the construction of water works. Every citizen becomes a willing contributor to the revenue of the enterprise and the receipts from the sale of water in most cases counterbalances all expenses of operation, maintenance and payment of the debt incurred.

The same comparison can be made in this case which has proved so convincing in other towns, for instance,—

The cost will be \$65,000.	
The annual interest charges will be at 4 per cent,	\$2,600
An annual instalment to meet the debt maturing say in twenty-five years,	1,500
The operating expenses say,	2,000
Total annual expenses	\$6,100

which continued for twenty-five years will pay the whole debt, and leaves the works paid for and the sole property of the town.

The amount raised by property taxation last year was about \$35,000 with a tax rate of \$17.10 per \$1,000.

If water should be introduced as a charitable enterprise and no charge was made for its use, the raising of \$6,100 additional by taxation, would increase last year's tax rate two dollars and

ninety cents per \$1,000; *not double the rate as some may suppose and argue.* This is assuming there would be no income whatever.

But it is hardly probable that any citizen will for a moment believe there will not be some return.

Now the experience of other towns must be your guide in this matter, and here are the returns for 1888 of a few of the smaller towns and villages in the eastern part of the State.

	Population.	Works built.	
Middleboro,	4,000,	1885,	\$5,236 51
North Attleboro,	4,000,	1884,	5,500 00
Dedham,	5,000,	1881,	10,000 00
Mansfield,	2,000,	1888,	*3,650 00
North Easton,	1,600,	1887,	4,000 00
Norwood,	4,000,	1885,	5,100 00
Northboro,	2,000,	1882,	4,000 00

In none of these towns is water used extensively for manufacturing purposes and the receipts quoted are from private water takers and do not in any case include public appropriations.

There is no reason why the income from the sale of water in Provincetown should not within three years be equal to \$5,000 per annum, and the deficiency in such case would be but \$1,100, which added to the tax levy of last year would increase the tax rate fifty-two cents per \$1,000.

But the hydrant service will have a large practical value and will be worth a reasonable annual appropriation. Certainly twelve or fifteen hundred dollars per year for thorough protection against fire for the entire town, by the most modern methods, could not be an unpopular appropriation, nor one which could be opposed on any reasonable grounds.

The third and fourth considerations mentioned in the beginning of this report are discussed in the preceding statements.

A debt incurred in adopting such an essential improvement, as a public water supply has shown itself to be in every case,

* First six months.

must not be regarded as a common town debt to be whittled down by reluctant taxation. It should be regarded as evidence of town progress; of increased facilities and valuation, as a thing which will take care of itself by virtue of the contributions which every citizen will gladly make in return for private advantages received. And ultimately, when the debt is cancelled the town of the future will be in possession of a department which will yield an income to the treasury, or can be applied to protecting the health and property of its citizens with no expense beyond that of mere maintenance.

Accompanying this report you will find the analysis of the Chemist of the State Board of Health, the table of levels, schedule of piping, estimate sheet and large map showing the plan proposed.

Yours respectfully,

PERCY M. BLAKE,

Civil Engineer.

HYDE PARK, MASS., March 27, 1889.

COMMONWEALTH OF MASSACHUSETTS. STATE BOARD OF HEALTH. WATER ANALYSIS. PROVINCETOWN. --- (PARTS IN 100,000).

No.	DATE OF		APPEARANCE.		ODOR.		RESIDUE ON EVAPORATION.				AMMONIA.		Chlorine.	Nitrogen as Nitrates.	Nitrogen as Nitrites.	Hardness.
	Collection.	Examination.	Turbidity.	Color.	Cold.	Hot.	Total.	Loss on Ignition.	Fixed	Odor on Ignition.	Free.	Albuminoid.				
4073	Feb. 1889.	20 21	Distinct Slight sediment.	1.5	Faintly straw like.	Very faintly vegetable.	8.15	2.95	5.20	Very strongly peaty. Peculiar.	.0042	.0382 .0336	2.39	.0030	.0003	
4074		20 21	Slight. Considerable sediment.	0.6	Distinct Peculiar.	Distinct Peculiar; rather disagreeable.	8.35	2.75	5.60	Disagreeable.	.0014	.0414 .0314	2.42	.0020	.0003	2.7
4075		20 21	None. slight sediment.	0.2	None.	None.	4.75	1.45	3.30	Very faintly peaty.	.0002	.0094 .0072	1.22	.0030	.0002	1.7
4309	March 1889.	15 16	Slight, milky. slight sediment of white sand.	0.2		Very faint or none.	5.50	1.60	3.90	Peaty and astringent.	.0000	.0052 .0050	1.58	.0040	.0002	1.8
4310		15 16	Slight, milky. considerable sediment of white sand.	0.2	Very faintly oily like fish oil.	Distinctly peculiar, oily.	6.10	1.85	4.25	Peaty and faint, peculiar.	.0106	.0090 .0074	1.73	.0050	.0002	1.6

4073.—From Clapp's Pond. By Daniel F. Lewis and Marshall L. Adams.

4074.—From Shank Painter Pond. By Daniel F. Lewis and M. L. Adams.

4075.—From driven well near High Pole Hill. By Marshall L. Adams and Daniel F. Lewis, 22 ft. below surface of ground and 6 ft. below water table.

4309.—From driven well put down for the purpose near the southerly

shore of Clapp's Pond. Called sample A. 14 1-2 ft. below surface. Taken at 3.30 P.M. by Percy M. Blake.

4310.—From driven well sunk for the purpose of obtaining the sample, said well being near the southerly shore of Clapp's Pond. Called sample B. 22.3 ft. below surface. Taken at 4 P.M. by Percy M. Blake.

PROVINCETOWN WATER WORKS.

TABLE OF LEVELS.

Description.	Above Mean Sea Level.	Below High Water Stand-pipe.
Mean sea level (approximate),	0.00	168.84
Bradford St. Opposite house of J. Little,	21.87	146.97
" Intersection of Ryder St.,	6.54	162.30
" Opposite house of E. Lothrop,	7.27	161.57
" Just east of Gifford House,	43.89	124.95
" Intersection of Carver St.,	37.22	131.62
" Summit just west of Carver St.,	36.42	132.42
" Intersection of Court St.,	29.54	139.30
" Intersection of Central St.,	9.12	159.72
" Intersection of Conant St.,	32.29	136.55
" Intersection of Pleasant St.,	35.50	133.34
" Und'pg. of house of Geo. Paine,	42.99	125.85
" Summit west of house of Geo. Paine,	40.76	128.08
" Und'pg. of house of John Carns,	45.78	123.06
" Intersection of Franklin St.,	29.41	139.43
" Just east of O. C. R. R.,	10.32	158.52
" Intersection of Center St.,	28.59	140.25
" " Johnson St.,	32.04	136.80
" " Pearl St.,	24.74	144.10
" Und'pg. house of David Small,	30.79	138.05
" Opposite house of J. S. Hatch,	48.79	120.05
" Und'pg. house of J. S. Hatch,	52.82	116.02
" Opposite west end of Bangs' Block,	29.67	139.17
" Just east of land of Capt. Hughes,	21.92	146.92
" Intersection of Howland St.,	6.36	162.48
" Und'pg. of house of Bangs Lewis,	13.27	155.57
" Opposite house of Bangs Lewis,	11.81	157.03
" Opposite Philip A. Whorf's stable,	6.19	162.65
" Opposite land of M. Silver,	21.13	147.71

Description.	Above Mean Sea Level.	Below High Water in Stand-pipe.
Bradford St. Opposite land of Joe Mayo,	10.06	158.78
" Opposite house of M. Tarvus,	31.19	137.65
" Und'pg. of house of M. Tarvus,	33.72	135.12
" Just west of Nickerson St.,	27.48	141.36
" At intersection of West Vine St.,	34.43	134.41
Tremont St. Ground at east end,	7.89	160.95
" Just east of Western schoolhouse,	9.69	159.15
" Intersection of Cottage St.,	24.72	144.12
" Und'pg. of house of Joshua Paine,	26.47	142.37
" Intersection of Mechanic St.,	24.06	144.78
" " Nickerson St.,	19.63	149.21
" Just west of Soper St.,	23.13	145.71
" Und'pg. of house of Antoine Swett,	20.97	147.87
Commercial St. Intersection of Ryder St.,	9.99	158.85
" Und'pg. of Central House,	11.71	157.13
" " Universalist church,	8.01	160.83
" Intersection of Carver St.,	13.95	154.89
" Just west of Conant St.,	11.34	157.50
" Und'pg. of Centenary church,	25.55	143.29
" Opposite Centenary church,	23.03	145.81
" Intersection of Pleasant St.,	18.52	150.32
" Point 150 ft. east of Franklin St.,	8.04	160.80
" Intersection of Tremont St.,	9.94	158.90
" Opposite C. Dyer's store,	10.08	158.76
" Intersection of Mechanic St.,	10.52	158.32
" " West Vine St.,	11.72	157.12
" " Howland St.,	10.09	158.75
" Und'pg. of store of S. S. Swift,	10.85	157.90
" Opposite store of S. S. Swift,	7.82	161.02
" " House of Henry Johnson,	13.56	155.28
" Opposite house of Capt. Akin,	9.39	159.45
" " Philip Whorf,	9.59	159.25

Description.	Above Mean Sea Level.	Below High Water in Stand-pipe.
Commercial St. Intersection of passageway		
bounded by Young & Kendall,	13.59	155.25
" Opposite house of M. Silver,	18.11	150.73
" " " Jos. Mayo,	16.04	152.80
" " " G. H. Lewis,	9.94	158.90
" " " B. Silver,	10.00	158.84
" Und'pg. of house of B. Silver,	11.87	156.97
" Opp. s. e. cor. of fence of S. Williams,	11.58	157.26
" Opp. house of Mrs. Newcomb,	14.71	154.13
" " " Francis Nickerson,	8.39	160.45
" " " S. Ellis,	10.17	158.67
" " " Mrs. Campbell,	30.84	138.00
" Und'pg. of house of Mrs. M. J. Campbell,	33.39	135.45
" At O. C. R. R.,	11.59	157.25
" Und'pg. of Public Library,	13.90	154.94
" Opposite Pilgrim House,	11.87	156.97
" " Center M. E. church,	19.59	149.25
" Just west of Center St.,	18.49	150.35
" Opposite Pearl St.	15.75	153.09
" Und'pg. house of Capt. Curren,	24.56	144.28
" Opposite Dyer St.,	23.42	145.42
" Near store of J. S. Hatch,	10.03	158.81
" Intersection of Temple St.,	17.77	151.07
" Just east of Temple St.,	15.16	153.68
" Opposite house of A. Cook,	13.74	155.10
Carver St. Und'pg. of Gifford House,	45.93	122.91
Bradford St. Und'pg. house of Mrs. DeWolf,	62.70	106.14
Underpinning of Town Hall,	18.41	150.43
Top of High Pole Hill,	87.84	81.00
High water plane in proposed stand-pipe,	168.84	00.00

PROVINCETOWN WATER WORKS. — SCHEDULE OF PIPING.

Street.	From	To	12 inch.	10 inch.	8 inch.	6 inch	4 inch.	2 inch.	Total.
Commercial	Tremont	Howland		6278					6278
"	Howland	Chas. Williams'			2645				2645
"	Tremont	Soper			575				575
"	Soper	S. Ellis'				868			868
Bradford	Winslow	Howland			3978				3978
"	Howland	D. McIntosh's				1250			1250
"	Winslow	Franklin			2514				2514
"	Franklin	Nickerson				490			490
Gosnold	Bradford	Commercial		220					220
Center	"	"					460		460
"	"	Northerly				250			250
Johnson	"	Commercial						450	450
Pearl	"	"					480		480
Pearl	"	Northerly				630			630
Dyer	"	Commercial					420		420
Howland	"	"					260		260
Carver	"	"				410			410
Prince	"	Lane northerly				600			600
Court	Commercial	" "				860			860
Winthrop	"	Bradford					486		486
Central	"	"						500	500
Conant	"	"					500		500
Pleasant	"	"					504		504
Franklin	"	"				476			476
"	Bradford	Northerly				668			668
Tremont	Franklin	Westerly				950			950
Mechanic	Commercial	Bradford					740		740

PROVINCETOWN WATER WORKS. — SCHEDULE OF PIPING (Continued).

Street.	From	To	12 inch.	10 inch.	8 inch.	6 inch.	4 inch.	2 inch.	Total.
Cottage	Commercial	Bradford					740		740
Nickerson	"	"				718			718
Soper	"	Tremont						341	341
West Vine	"	"					347		347
Cudworth	Court	Prince					470		470
Grove	Bradford	Commercial						229	229
Lane (opposite									
Small's wharf)	Bradford	"						367	367
Freeman	Commercial	Bradford						413	413
Standish	Bradford	Cemetery road					746		746
Alden	"	" "				718			718
Ryder	"	Commercial						247	247
{ Passageway									
} Snow & Putnam	Commercial	Bradford					309		309
Winthrop	Bradford						150		150
Lane, Nickerson		Northerly							
& Cross	Bradford	Commercial						520	520
Conant	"	M. Jason's						287	287
Montello	"	Commercial						503	503
"	"	Northerly					300		300
Carver	"	"					297		297
Pleasant	"	Pump. sta.		3500					3500
Winslow	"	Standpipe	800						800
Lane west of West Vine Street.							362		362
Hydrant connections and blow-offs,						700	300		1000
Totals,			800	9998	9712	9588	7871	3857	41464

PROVINCETOWN WATER WORKS. — ESTIMATE SHEET.

DISTRIBUTION ON PIPING.

	Feet. Lbs.	Lbs.	Feet.	
12 in.	800 x 85	68,000	800 at 37 cts.,	\$296.00
10 in.	9998 x 65	649,870	9998 at 33 cts.,	3,299.34
8 in.	9712 x 45	437,040	9712 at 28 cts.,	2,719.36
6 in.	9588 x 30	287,650	9588 at 25 cts.,	2,397.00
4 in.	7871 x 20	157,420	7871 at 20 cts.,	1,574.20
2 in.	3857 x 12	45,284	3857 at 17 cts.,	655.69
	<u>41826</u>	<u>1,645,254</u>	<u>41826</u>	<u>\$10,941.59</u>

41826 feet = 7.921 miles.

1,645,254 lbs. = 734.488 tons. 740 tons at \$30, ———— 22,200.00

30 tons of special castings at \$55, ———— 1,650.00

60 hydrants set in place at \$35, ———— 2,100.00

Gates, 12 in 2 at \$52.00, ———— \$104.00

10 in. 15 at 36.00, ———— 540.00

8 in. 15 at 30.00, ———— 450.00

6 in. 22 at 21.00, ———— 462.00

4 in. 30 at 12.00, ———— 360.00

2 in. 17 at 6.00, ———— 102.00

101 gate boxes at 4 00, ———— 404.00

2,422.00

Distribution on piping, ———— \$39,313.59

Pumping station ; brick engine house and chimney
sixty-five feet high, ———— \$4,500.00

Foundations, drains and paving, ———— 1,000.00

Pumping plant, consisting of two duplex pumping
engines, independent condensing apparatus, two
boilers, piping and connections, each pumping
engine of capacity of 600 gallons per minute, ———— 6,000.00

Wells, ———— 2,000.00

Stand pipe and foundations, ———— 10,000.00

\$62,813.59

Contingencies, Engineering and official expenses, 5 per cent., ———— 3,140.68

Total, ———— \$65,954.27

PERCY M. BLAKE,
Civil Engineer.

March 27, 1889.

COMMONWEALTH OF MASSACHUSETTS.

REPLY OF THE STATE BOARD OF HEALTH TO AN APPLICATION
FROM PROVINCETOWN, FOR ADVICE IN RELATION TO WATER
SUPPLY UNDER THE PROVISIONS OF CHAPTER 375 OF THE
ACTS OF 1888.

{ OFFICE OF STATE BOARD OF HEALTH.
{ 13 BEACON ST., BOSTON, April 2, 1889.

TO THE COMMITTEE ON WATER SUPPLY, PROVINCETOWN, MASS.

GENTLEMEN:—In reply to your application for the advice of this Board with reference to a proposed water supply for the town of Provincetown, under the provisions of Chapter 375 of the Acts of 1888, the Board advises that from examinations made by this Board and the data furnished by the town, it appears that the territory back of Provincetown is the most appropriate source for supplying water for the town. The ponds in this territory would not furnish a suitable supply unless the water from them is properly filtered. Test wells driven in the ground furnish in some places water that would be entirely satisfactory for supplying the town. In other places the water has a very objectionable color and odor. The examinations made by the town appear to indicate that a satisfactory supply of water can be obtained from this territory by means of shallow wells at a reasonable cost; but before constructing works the town should cause more complete examinations to be made, to determine the best area for sinking wells and whether the water would improve or deteriorate when large quantities are pumped. If it should be found to deteriorate it may be necessary to resort to filtration.

By order of the Board,

SAMUEL W. ABBOTT,
Secretary State Board of Health.

TO THE HONORABLE THE SENATE AND HOUSE OF REPRESENTATIVES:—

The inhabitants of the Town of Provincetown by the undersigned their duly appointed Committee, respectfully represent that a public water supply is needed for the protection, convenience and sanitary improvement of the town:

That a convenient and proper opportunity to provide such a water supply exists within the limits of the town and that the interests of no other town will be affected by granting the rights necessary for the purpose of constructing public water works for the Town of Provincetown.

Wherefore your petitioners respectfully request and pray that all the authority necessary to take water sources, lands, rights of way, etc., within the limits of the Town of Provincetown; lay and maintain pipes, establish and operate pumping machinery, supply water for any and all purposes and do and provide any and all things required to construct, equip, operate and maintain competent water works, be granted to the said town.

And your petitioners further request authority to issue such bonds or notes as may be sufficient to meet the expense of introducing water, not exceeding in amount in the aggregate
..... Dollars (\$.....).

Such bonds or notes to be issued for periods not exceeding thirty years from date of issue and bearing interest at a rate not exceeding five per cent per annum.

Your petitioners respectfully pray that this authority be granted to them as soon as practicable in order that the work may be undertaken forthwith.

MARSHALL L. ADAMS,
JAMES A. SMALL,
THOMAS LEWIS,
GEORGE H. HOLMES,
JOHN D. HILLIARD,
DANIEL F. LEWIS.

COMMONWEALTH OF MASSACHUSETTS.

IN THE YEAR ONE THOUSAND EIGHT HUNDRED AND EIGHTY-NINE.

AN ACT TO SUPPLY THE TOWN OF PROVINCETOWN WITH
WATER.

Be it enacted by the Senate and House of Representatives in General Court assembled, and by the authority of the same as follows:—

SECT. 1. The town of Provincetown may supply itself and its inhabitants with water for the extinguishment of fires and for domestic and other purposes; may establish fountains and hydrants, relocate or discontinue the same, may regulate the use of such water and fix and collect rates to be paid for the use of the same.

SECT. 2. The said town for the purposes aforesaid may take, by purchase or otherwise, and hold the water of any ponds or water sources within the limits of said town of Provincetown together with any water rights connected therewith, and also all lands, rights of way and easements necessary for holding and preserving such water and for conveying the same to any part of said town of Provincetown; and may erect on the land thus taken or held, proper buildings, dikes, fixtures and other structures, and may make excavations, procure and operate machinery, and provide such other means and appliances as may be necessary for the establishment and maintenance of complete and effective water works; and may construct and lay down conduits, pipes and other works, under or over any lands, water courses, railroads or public or private ways, and along any such way in such manner as not unnecessarily to obstruct the same; and for the purpose of constructing, maintaining and repairing such conduits, pipes and other works, and for all proper purposes of this act, said town may dig up any

such lands, and, under the direction of the board of selectmen of the town, may enter upon and dig up any such ways in such manner as to cause the least hindrance to public travel on such ways.

SECT. 3. The said town shall within ninety days after the taking of any lands, rights of ways, water rights, water sources or easements as aforesaid, otherwise than by purchase, file and cause to be recorded in the registry of deeds for the county of Barnstable a description thereof sufficiently accurate for identification, with a statement of the purpose for which the same was taken, signed by the water commissioners hereinafter provided for.

SECT. 4. The said town shall pay all damages sustained by any person or corporation in property by the taking of any land, right of way, water, water source, water right or easement, or by any other things done by said town under the authority of this act. Any person or corporation sustaining damages as aforesaid under this act, who fails to agree with said town as to the amount of damages sustained, may have the damages assessed and determined in the manner provided by law when land is taken for the laying out of highways, on application at any time within the period of three years from the taking of such land or other property or the doing of other injury, under the authority of this act; but no such application shall be made after the expiration of said three years. No application for assessment of damages shall be made for the taking of any water, water right, or for any injury thereto, until the water is actually withdrawn or diverted by said town under the authority of this act.

SECT. 5. The said town may, for the purpose of paying the necessary expenses and liabilities incurred under the provisions of this act, issue from time to time bonds, notes or scrip to an amount not exceeding in the aggregate sixty-five thousand dollars; such bonds, notes and scrip shall bear on the face the words, Provincetown Water Loan, shall be payable at the expiration of periods not exceeding thirty years from date of issue; shall bear interest payable semi-annually at a rate not

exceeding five per centum per annum, and shall be signed by the treasurer of the town and be countersigned by the water commissioners hereinafter provided for. The said town may sell such securities at public or private sale, or pledge the same for money borrowed for the purpose of this act, upon such terms and conditions as it may deem proper: provide, that such securities shall not be sold or pledged for less than the par value thereof. The said town, unless it avails itself of the provisions of section six, shall provide, at the time of contracting said loan, for the establishment of a sinking fund; and shall annually contribute to such fund a sum sufficient with the accumulations thereof to pay the principal of said loan at maturity. The said sinking fund shall remain inviolate and pledged to the payment of said loan, and shall be used for no other purpose.

SECT. 6. The said town instead of establishing a sinking fund may, at the time of authorizing said loan, provide for the payment thereof in such annual proportionate payments as will extinguish the same within the time prescribed in this act; and when such vote has been passed, the amount required thereby shall, without further vote, be assessed by the assessors of said town in each year thereafter until the debt incurred by said loan shall be extinguished, in the same manner as other taxes are assessed under the provisions of section thirty-four of chapter eleven of the Public Statutes.

SECT. 7. The return required by section ninety-one of chapter eleven of the Public Statutes shall state the amount of any sinking fund established under this act, and if none is established, whether action has been taken in accordance with the provisions of the preceding section, and the amounts raised and applied thereunder for the current year.

SECT. 8. The said town shall raise annually by taxation a sum which with the income derived from the water rates will be sufficient to pay the current annual expenses of operating its water works and the interest as it accrues on the bonds, notes and scrip issued as aforesaid by said town, and to make such contributions to the sinking fund and payments on the principal as may be required under the provisions of this act.

SECT. 9. Whoever wilfully or wantonly corrupts, pollutes or diverts any of the waters taken or held under this act, or injures any structure, work or other property owned, held or used by said town under the authority and for the purpose of this act, shall forfeit and pay to said town, three times the amount of damages assessed therefor, to be recovered in an action of tort; and upon conviction of either of the above wilful or wanton acts shall be punished by fine not exceeding three hundred dollars or by imprisonment not exceeding one year.

SECT. 10. The said town shall after its acceptance of this act, at a legal meeting called for the purpose, elect by ballot three persons to hold office, one until the expiration of three years, one until the expiration of two years, and one until the expiration of one year from the next succeeding annual town meeting, to constitute a board of water commissioners: and at each annual town meeting thereafter one such commissioner shall be elected by ballot for the term of three years. All the authority granted to the said town by this act, and not otherwise specifically provided for, shall be vested in said board of water commissioners, who shall be subject however to such instructions, rules and regulations as said town may impose by its vote; the said commissioners shall be trustees of the sinking fund herein provided for, and a majority of said commissioners shall constitute a quorum for the transaction of business relative both to the water works and to the sinking fund. Any vacancy occurring in said board from any cause may be filled for the remainder of the unexpired term by said town at any legal town meeting called for the purpose.

SECT. 11. This act shall take effect upon its acceptance by a two-thirds vote of the voters of said town present and voting thereon at a legal town meeting called for the purpose within three years from its passage; but the number of meetings so called in any year shall not exceed two. — Approved April 19, 1889.

TOWN CLERK'S REPORT.

MARRIAGES REGISTERED IN PROVINCETOWN IN 1889.

- Jan. 1. Albert Wheeler Fuller and Cora Gray West, both of Provincetown.
- Jan. 9. Robert Mumby of Provincetown and Mary Revels of Brooklyn, N. Y.
- Jan. 14. Frank Crowley and Katie Perry, both of Provincetown.
- Jan. 26. William Henry Silva and Amelia Abner, both of Provincetown.
- Jan. 31. Frank Ferry Henry and Jessie Patrick, both of Provincetown.
- Feb. 11. Alfred Clarence Emery and Eva Maria Hurlbert, both of Provincetown.
- Feb. 11. John Joseph Alves and Rosa Francis dos Reiz, both of Provincetown.
- Feb. 12. Eugene W. Watson and Clara L. Smith, both of Provincetown.
- March 22. Charles Williams and Julia Thomas, both of Provincetown.
- April 3. Nathaniel Hopkins and Marguerita E. Smith, both of Provincetown.
- April 12. Caleb Fisher of Provincetown and Frances Comelia Lopez of Brockton, Mass.
- April 18. Louis O. Nixon and M. Florence Hawes, both of Provincetown. Married in South Boston.
- April 30. Joseph Holmes and Josephine Peters, both of Provincetown.
- May 23. Augustus E. Rich and Melissa Newcomb, both of Provincetown.

- June 3. John E. Rich and Delia Flaherty, both of Provincetown.
- June 8. Frank A. Williams and Georgie E. Colburn, both of Provincetown.
- June 23. Dwight R. Reynolds of Boston and Jessie M. Allen of Provincetown.
- June 24. Frank Sparks Bangs and Annie Louise Lyford, both of Provincetown.
- July 2. Manuel Enos Cadosh and Carolina D. Machoda, both of Provincetown.
- July 2. Aaron Blake Palmer of Brookfield, N. H., and Lillie Perry Conwell of Provincetown.
- July 3. John M. Reilly and Mary W. Kempton, both of Provincetown.
- July 4. Josiah G. Whorf and Deborah W. Chessman, both of Provincetown.
- July 8. Frank Loring and Mary A. Silva, both of Provincetown.
- July 9. Manuel Rogers and Mary Marshall, both of Provincetown.
- July 24. John M. Lewis and Etta M. Williams, both of Provincetown.
- Aug. 3. Joseph Enos Oliver and Mamie Fields, both of Provincetown.
- Aug. 5. John M. Burch and Carrie T. Kenney, both of Provincetown.
- Aug. 13. John Santos and Caroline Lopez, both of Provincetown.
- Aug. 26. Manuel Gate and Mary Ann Marshall, both of Provincetown.
- Aug. 28. Archielus S. Ross and Sarah Lizzie Smith, both of Provincetown.
- Sept. 10. Antone Silva Cabrille and Mary Souza, both of Provincetown.
- Sept. 13. William H. Settes of Provincetown and Sarah Webber of Boston. Married in Boston.

- Sept. 17. Frank Morris and Belle Fratus, both of Provincetown.
- Sept. 20. Frank Correa and Phebe Page, both of Provincetown.
- Sept. 26. Clarence J. Silvia of New Bedford and Ellen J. Jennings of Provincetown.
- Oct. 12. Lawrence M. Jason and Arsenna de Penna, both of Provincetown.
- Oct. 12. Foster Tasha and Phebe Silva, both of Provincetown.
- Oct. 17. Charles L. Tucker and Mary Lewis, both of Provincetown.
- Oct. 19. Charles Johnson and Annie McDonald, both of Provincetown.
- Oct. 23. Hans Hagen and Annie Maria McQuillan, both of Provincetown.
- Oct. 26. Manuel Barnes and Maggie Silva, both of Provincetown.
- Oct. 28. Manuel F. Brown and Julia Augusta Silva, both of Provincetown.
- Oct. 30. Joseph Souza and Mary Enos, both of Provincetown.
- Nov. 6. Duncan S. Matheson and Mamie Donahue, both of Provincetown.
- Nov. 21. John Antone Noons and Mary A. Mayo, both of Provincetown.
- Nov. 22. Frank M. Perry and Hannah Francis, both of Provincetown.
- Nov. 24. George Washington Ready and Mary B. Williams, both of Provincetown.
- Nov. 25. Joseph King Rogers and Mary Francis, both of Provincetown.
- Nov. 30. Manuel N. Costa and Genevievea Concisciao Perriado, both of Provincetown.
- Dec. 1. Edwin B. Rich of Brockton and Mary T. Mullen of Provincetown.
- Dec. 7. Joseph Tasha and Maggie Lewis, both of Provincetown.

- Dec. 7. Frank Roderick Facha and Francisca Tiadora Silva, both of Provincetown.
- Dec. 7. John B. Oliver and Mary Perry Thomas, both of Provincetown.
- Dec. 24. Charles S. Bickers and Annie Velderia Orborn, both of Provincetown.
- Dec. 24. Joseph L. Walker of Yarmouth and Albertina W. Verge of Provincetown.
- Dec. 31. Joseph Edgar Kenney and Lillie May Rich, both of Provincetown.

BIRTHS REGISTERED IN PROVINCETOWN IN 1889.

Date.	Name.	Names of Parents.
Jan. 13,	Josiah Carlton Nickerson,	Joseph A. and Maggie A.
	16, Annie May Rabbitt,	Joseph and Josephine.
	23, Adeline Francis,	George H. and Phebe.
	27, Emma Louise Cook,	L. Herbert and Mary H.
Feb. 31,	Nellie Almeda,	Frank and Mary G.
	1, William Harrison McLeod,	John and Mary A.
	3, Janey Correa,	Manuel and Mary F.
	9, Lizzie May Cowing,	William E. and Mary E.
	14, Henry Bickers Harvender,	John P. and Naomie.
	18, Jennie May Brown,	George and Jennie.
	19, John Abner,	Manuel and Mary.
	21, Francis Silva,	John G. and Frances L.
	23, Antone Silva.	Lysander and Louise I.
	24, Antone P. Lucas,	Antone P. and Rebecca.
Mch. 1,	William Jenkins Atkins,	Silas R. and Nancy A.
	1, Isadora Armstrong Dearborn	Alva E. and Lena.
	7, Frank Gaspie,	Antone and Retta.
	9, Joseph Francis,	Manuel M. and Mary.
	20, Jesse Cable,	Frank and Lucy.
	24, Ethel A. Worth,	James E. and Nellie P.
	27, Ralph Fratus,	Manuel and Zena.
	28, William Silva,	Antone C. and Jessie.
	28, Mamie Rogers,	King and Julia.
	29, Joseph C. Viera,	Manuel and Mary H.
Apr. 9,	George Martin,	Manuel and Phebe S.
	13, Georgie M. Souza,	Manuel and Mary A.
	17, Annie Cook,	Manuel and Mary.
	27, Rebecca Greenwood Nickerson,	William A. and Margaret.
May 6,	Ethel Maggie Tarves,	Joseph and Mary A.
	30, Nathaniel H. S. Bowring,	David and Mary.
	Roy Farrington Brown,	Reuben F. and Albina F.
	6, ——— Jacint,	Lawrence M. and Amelia E.
	6, Frank Francis,	Joseph and Mary J.

Date.	Name.	Names of Parents.
May 11,	John Facha,	Manuel and Carrie.
15,	Almena Souza,	Peter and Louisa.
17,	Jennie Bragg,	Joseph and Annie.
23,	Norman Wells Saunders,	Charles W. and Sadie.
25,	Jennie Davis,	John and Mary.
26,	Manuel Snow, Jr.,	Manuel and Tillie.
26,	Mary Ramus,	Benjamin and Sally J.
27,	Mamie Vera,	Manuel and Clara.
29,	John Stephens Magee,	Albert J. and Mary J.
29,	Mamie Vincent,	Joseph and Mary.
29,	Nellie J. Henderson,	James T. and Annie M.
June 5,	Jessie Williams,	Frank and Jessie.
8,	Josephine W. O'Niel,	George R. and Abbie S.
10,	Manuel Mead,	Joseph and Mary.
10,	Laura Ann Perry,	Manuel and Laura A.
12,	William Porter Hannum,	Artemas P. and Ella F.
14,	Jessie Pasco Duchemin,	Frank R. and Carrie A.
20,	Chester Laban Snow,	Laban and Katie.
21,	William Rose,	Manuel and Capitulina.
21,	William B. Roberts,	Richard and Elizabeth.
24,	Matilda Crowley,	Manuel and Mary.
26,	Ruth Ray Prior,	Isaac R. and Ruth E.
30,	Evalena Gracie,	Manuel and Frances.
July 1,	Mamie A. Silva,	Antone and Mary D.
3,	Charles Burch,	Charles W. and Elizabeth S.
3,	Joseph Souza,	Bartholomew and Hannah.
5,	John Jason,	John and Mary A.
15,	Lizzie Eleanor Merritt,	George I. and Sadie.
19,	Almena Carr,	Joseph and Julia S.
21,	Ralph Ellsworth Atkins,	William T. and Bessie E.
21,	Henry Ellsworth Day,	Frank N. and Annie W.
27,	Colin Stevenson Martin,	Henry and Rebecca.
30,	Inis Mitchell Rogers,	Neadham and Hannah.
Aug. 1,	George Walter Maker,	Charles W. and R. sanna.
6,	— Vera,	Manuel and Mary.
6,	Joseph Jones,	Antone and Mary.
10,	Maggie Medears,	Manuel and Mamie.
12,	Manuel Davis,	Manuel and Jessie.
13,	Mamie Santos,	John and Phebe.
13,	Antone Souza Roderick,	Joseph S. and Elizabeth.
15,	Maggie Matheson,	Angus K. and Rebecca.
23,	Joseph J. Dutra,	John J. and Esponela J.
25,	— Cobb,	Oliver L. and Annie A.
27,	Frank Avelar,	Manuel F. and Mary.
29,	Leonard Dutra,	Manuel J. and Nancy.
Sept. 1,	Joseph William Amber,	Joseph B. and Mary.
1,	William Paine Smith,	William M. and Nancy W.
5,	John D. Thomas,	Manuel and Emily.
6,	Bruce Francis Banks,	Alfred G. and Emma O.
7,	Clarence Chester Abbott,	Edwin and Abbie A.
8,	Eva Silva,	Martin and Lucy.
9,	Anna Thompson Alden,	James G. and Mary A.
9,	Manuel Jason,	Manuel and Mary E.

Date.	Name.	Names of Parents.
Sept. 11,	Leon Joseph Lewis,	John and Etta M.
11,	— Small,	Aylmer F. and Katie A.
12,	Manuel Pershake,	Manuel and Almena.
14,	Angie Santos,	Joseph and Emily.
14,	Manuel Simmons,	Manuel L. and Mary E.
15,	Gladys Louisa Baker,	Lewis H. and Clara A.
18,	John Ventura,	Manuel F. and Emma.
19,	Herbert Engles Adams,	John and Nellie G.
20,	Antone Seamos,	Joseph and Mary A.
24,	Thomas Edward Rogers,	Charles and Mary.
24,	Sarah Ellen Randall,	George I. and Elizabeth.
24,	Thomas Edward Rogers,	Charles and Mary.
27,	John Alexander,	Antone and Mary.
Oct. 2,	Susie Wallace Akin,	Augustus and Lizzie A.
2,	Jessie Ann DeWolf,	William and Jessie.
5,	Alfred Woods,	Stephen and Frances.
5,	Mamie Perry,	Joseph B. and Mary.
7,	Herbert L. Forrest,	William and Ida.
13,	Manuel Rose,	Antone and Frances.
13,	Charles Newcomb Rich,	Augustus E. and Melissa.
14,	Clara Souza,	Jesse and Gertrude M.
18,	John Roderick,	John and Virginia.
21,	— Alexander,	Robert G. and Lucy A.
23,	Capitola Silva,	Matthias and Louisa.
24,	Philomena Barnes,	Joseph and Rose M.
26,	Nellie Florence Mayo,	Herman L. and Annie.
29,	Lucinda Antone,	John and Mary.
Nov. 1,	— Mayo,	Richard S. and Angie S.
4,	Annie —	Joseph F. and Annie.
6,	Mary Florinda Mayo,	Joseph and Mary.
12,	Marian Jason Roderick,	John J. and Maria J.
15,	— Alver,	John J. and Rose F.
17,	Earl Augustus Emery,	Alfred C. and Eva M.
18,	James Warren Cook,	James D. and Mary F.
20,	Henry F. Pierce,	Henry F. and Mary.
20,	Georgiana Enos,	Manuel and Mary.
21,	— Simmons,	Manuel M. and Rosa.
21,	Clarence Oliver,	Peter F. and Josephine.
22,	Emily Vera,	Antone and Mary M.
27,	Clara May George,	Antone R. and Mary A.
Dec. 2,	John Abner Silva,	William H. and Amelia.
4,	— Rose,	Augustus and Mary.
5,	Mary M. Silva,	Frank M. and Mary D.
6,	George Lewis Whorf,	Josiah G. and Deborah W.
6,	Mamie Silva,	Frank M. and Mary.
15,	— Francis } twins,	John W. and Sarah H.
15,	— Francis }	
17,	— Snow,	Daniel W. and Hannah C.
20,	Laura Crowley,	Manuel and Christie.
21,	— Ghen,	Samuel H. and Mary H.
30,	— Gifford,	Fred A. H. and Laura T.
31,	Josephine Willis Newcomb,	Alexander W. and Mary E.

DEATHS REGISTERED IN PROVINCETOWN IN 1889.

Date.	Name.	Age.			Cause of Death.
		y.	m.	d.	
Jan. 6,	Catherine M. W. Paine,	79	8	25	Old age.
20,	Katie Jason,	0	11	5	Congestion of lungs.
22,	Mary L. Chapel,	13	5	14	Typhoid fever.
27,	Manuel Caton,	0	7	24	Congestion of lungs.
27,	Mamie A. Morris,	0	4	27	Congestion of brain.
Feb. 1,	John A. Simmons,	0	11	11	Convulsions.
2,	Isabella Sereigo,	17	6	28	Consumption.
3,	Mary Small,	18	1	9	Typhoid fever.
6,	Lucinda Silva,	21	7	12	Consumption.
8,	James T. Sparks,	63	2	16	Paralysis.
11,	Alexander Dowling,	43	0	0	Yellow fever.
12,	Clarence H. Hill,	29	8	4	Consumption.
16,	Eliza G. Cook,	70	2	0	Cancer of liver.
17,	Lot Small,	71	8	3	Paralysis.
20,	Charles A. Jennings,	26	7	6	Pseudo leucocythemia.
Mch. 5,	Nellie Silva,	6	5	0	Pneumonia,
7,	Antone C. Tarvers,	36	7	6	Consumption.
9,	Lizzie B. Dyer,	13	11	4	Epilepsy.
9,	Nancy A. Atkins,	42	11	27	Puerperal fever.
13,	Caroline E. Dugan,	26	0	0	Hyperæmia of lungs.
17,	Joseph Brown,	33	6	17	Drowned at sea.
Apr. 2,	Joseph Pinckney,	69	6	18	Bright's disease.
7,	Robert L. West,	45	3	15	Drowned at sea.
7,	Murdock McAskill,	42	0	0	Drowned at sea.
7,	James McDonald,	36	0	0	Drowned at sea.
7,	Charles Fraser,	38	0	0	Drowned at sea.
17,	Mary Sereigo,	44	0	0	Consumption.
24,	Deoff Montero,	36	0	0	Heart disease.
26,	Minnie Ferry,	13	9	2	Consumption.
29,	Joseph Agney,	0	11	2	Consumption.
May 3,	Georgie M. Souza,	0	0	21	Premature birth.
7,	— Jacint,	0	0	1	Premature birth.
9,	Francis W. Cook,	74	3	20	Paralysis.
23,	Amanda M. Smith,	67	5	26	Heart disease.
23,	Sarah B. Paine,	68	6	17	Heart failure.
28,	Amelia E. Jacint,	36	0	0	Angina pectoris.
June 3,	Mary Ramus,	0	0	9	Convulsions.
3,	Willie L. Freeman,	24	3	5	Tubercular meningitis.
3,	Isaac Collins,	65	5	26	Accidental.
4,	Charles A. Hannum,	72	4	29	Paralysis.
6,	Mary Costa,	16	11	5	Phthisis pulmonalis.
10,	Manuel Parone,	45	0	0	Cirrhosis.
16,	Edward Sweeany,	76	3	0	Cancer of the liver.
22,	— Smith,	0	0	0	Still birth.
27,	Hannah Silva,	22	5	28	Consumption.
27,	Samuel Chapruan,	67	9	6	Consumption.
27,	Ernest L. Tallon,	11	2	0	Asthma.
July 2,	Reuben Swift,	78	5	1	Purpura hemorrhagia.
12,	Samuel H. Berry,	60	10	27	Bright's disease.

Date.	Name.	Age.			Cause of Death.
		y.	m.	d.	
	15, Bethia N. Conant,	62	11	20	Cancer stomach.
	16, Abbie C. Tallon,	36	6	21	Phthisis pulmonalis.
	22, Owen W. Lewis,	0	8	1	Lung fever.
	23, Antone Silva,	0	5	0	Cholera infantum.
	24, Isaiah M. Atkins,	23	1	4	Consumption of bowels.
	26, Bessie Morrill,	0	8	22	Cholera infantum.
	28, John Pierce,	83	9	0	Old age.
	30, Barbara G. Roderick,	62	4	6	Black jaundice.
Aug. 4,	Ann R. Martin,	27	3	25	Convulsions.
6,	— Snow,	0	0	0	Still birth.
12,	— Rogers,	0	0	0	Still birth.
30,	Jonathan Snow,	74	8	22	Old age.
30,	— Collins,	0	0	0	Still birth.
31,	Rebecca G. Nickerson,	0	4	4	Convulsions.
Sept. 2,	Antone Souza,	0	0	13	Infantile fever.
3,	Thomas Ryder,	75	2	10	Hemorrhage.
4,	Archibald W. Dowling,	50	10	20	Phthisis pulmonalis.
11,	Elizabeth E. Cook,	72	4	11	Apoplexy.
15,	— Silva,	0	0	0	Still birth.
18,	Charles H. Giles,	30	0	0	Phthisis pulmonalis.
Oct. 2,	Nathan Dunham,	70	2	2	Bright's disease.
2,	Mary E. Roberts,	51	9	2	Bright's disease.
8,	Elsie M. Bailey,	0	2	25	Consumption of bowels.
8,	Antone Rogers,	29	0	0	Typhoid fever.
10,	Josephine W. O'Neil,	0	4	2	Disease from birth.
17,	John Abner,	0	8	0	Eclampsy infantile.
21,	— Alexander,	0	0	0	Stillborn.
22,	Anthony F. Silva,	35	6	0	Disease of liver.
25,	Delia F. Gaspie,	36	11	30	Consumption.
Nov. 9,	Evelina V. Kelley,	76	7	0	Apoplexy.
11,	Ethel A. Worth,	0	7	0	Tuberculosis.
13,	Obed S. Rich,	63	4	18	Cerebral apoplexy.
14,	Hannah Sullivan,	53	0	0	Heart disease.
22,	Joseph Roderick,	1	4	16	Scrofula
28,	Edwin C. Mayo,	54	5	9	Accidental drowning.
Dec. 4,	Annie Francis,	14	6	0	Congestion of lungs.
5,	Reuben W. Swift,	45	1	6	Organic heart disease.
7,	James Cook, 2nd,	69	1	21	Bright's disease.
7,	Mary M. Silva,	0	0	2	Premature birth.
12,	Willis Morris,	3	3	12	Purpura hemorrhagia.
12,	Louisa D. Smith,	55	0	0	Asthma.
13,	Mary Davis,	17	0	21	Consumption.
18,	Eli W. McKay,	5	5	22	Diphtheria.
22,	Georgie L. Rollins,	16	5	1	Consumption.
24,	Clarinda Cook,	71	2	7	Consumption.
25,	Maria Young,	73	5	27	Organic heart disease.
26,	Frank Dears,	20	3	7	Bright's disease.

Died in other towns and buried in Provincetown, 2.

Died at sea, 5.

Rate of death per 1000, 19.2.

SUMMARY.

The following are the statistics of marriages, births and deaths registered in Provincetown for the year ending December 31, 1889:

MARRIAGES.

Number of marriages registered in 1889,	55
Both parties born in the United States,	22
“ “ “ Western Islands,	12
Mixed, one American,	20
“ other nationalities,	1

BIRTHS.

Number of births registered in 1889,	137
Males,	66
Females,	71

The parentage of the children is as follows:

Both parents American,	44
“ “ Portuguese,	52
“ “ British Provinces,	6
Mixed, one parent American,	31
“ other nationalities,	4

DEATHS.

Number of deaths registered in Provincetown in 1889,	96
Males,	50
Females,	46
Born in United States,	75
“ British Provinces,	6
“ Western Islands,	12
“ Ireland,	3

DOGS LICENSED.

Number of dogs licensed in Provincetown in 1889,	127
Paid County Treasurer,	\$240.60

SETH SMITH, *Town Clerk.*

REPORT OF MILK INSPECTOR.

The following persons have procured licenses to sell milk in the town of Provincetown the past year:

Ira K. Small (2), Provincetown	J. A. Rich,	Provincetown.
James Rich & Co. (2), “	Lombard Rich,	“
Lemuel F. Nickerson (2)	S. G. Cook,	“
Mary J. Ellis (2), Provincetown	Antone Silver,	“
Jerome S. Smith (2), “	C. G. Loring,	“
M. S. Turner, (2). “	H. J. Dears,	“
S. D. Fish, “	Manuel Snow,	“
Ellen Rogers, “	Thomas Welch,	“
J. E. Rich, “	John M. Carnes,	“
John Adams, “	Antone Lucas,	“
Charles A. Cook, “	Antone J. Rollins,	“
J. T. Small, “	Gideon Allen,	“
F. G. Cook, “	Isaiah Young,	“
T. W. Sparks, “	Salathiel Hamilton	“
John Brown, “	Nathaniel N. Gifford,	“
Joseph Mathews, “	Benj. R. Chapman,	“
A. G. Small, “	Charles S. Hopkins,	“
F. C. Miller, “	George W. Ellis,	“
L. Jane Dyer, “	Richard Baxter,	“
F. J. Corea, “	David Rich,	“
Joseph Perry, “	J. W. Small,	Truro.
R. M. Lavender, “	W. W. Small,	“
David Sparks, “	Wm. Holden,	“
David Conwell, “	T. K. Small,	“
R. B. Dyer, “	D. D. Stocker,	“
H. F. Smith, “	John F. Grozier,	“

Joseph Francis,	Truro.	William Chandler,	Truro.
Michael Rich,	"	Antone J. Silveria,	"
Samuel Small,	"		

The following report comprises a summary of the results of tests of milk obtained for the year ending Dec. 31, 1889:

The whole number of samples examined was 25.

Number above standard, 24.

Number below standard, 1.

Respectfully submitted,

SETH SMITH, *Milk Inspector.*

REPORT OF THE ROAD SURVEYOR.

The Road Surveyor herewith submits his annual report for the year ending December 31, 1889.

Feb. 13, 1889,

Appropriation for roads and walks,	\$2300 00
“ “ walk at east end,	200 00
“ “ drainage,	200 00
Material sold,	116 56
Rebate,	6 56
	<hr/>
	\$2823 12

Paid Frank Chase, Surveyor,	\$345 18
Parker J. Hall, gravel,	538 59
George Allen, lumber,	103 10
Benj. Lancy, lumber,	261 74
Joseph L. Chase, teaming,	272 50
John McKenzie, labor,	41 85
William Settes, labor,	29 30
James Campbell, teaming,	13 35
Roderick McDonald, labor,	2 90
A. McCurdy, labor,	2 80
B. A. Lewis, labor,	40
Amasa Taylor, iron work,	50
William Newcomb, labor,	3 45
Josiah Swift, spikes,	87
Thomas Welch, teaming,	30 20
Joseph Settes, labor,	1 15
R. G. Alexander, labor,	29 90
Joseph A. West, spikes,	4 45
Joe King Lema, labor,	3 00
Str. Maylu, towing plank,	3 00

Paid Alexander Gayland, teaming and labor,	\$37 35
Henry B. Gayland, teaming and labor,	50 10
O. C. Railroad, wharfage,	7 00
Gideon Bowley, labor,	1 30
James C. Dunham, labor,	1 30
James W. Crocker, labor,	2 35
Joe King Lema, Jr., labor,	1 00
John A. Lewis, labor,	4 00
Joseph Morris, labor,	171 51
John Cabrall, labor,	1 90
George W. Cobb, teaming,	80
Prince I. Freeman, teaming,	30 00
James Fuller, labor,	27 66
R. Nickerson, curb stones,	18 00
Charles C. Atkins, labor,	14 55
P. R. Whorf, teaming and wharfage,	16 57
Ruben F. Freeman, labor,	8 25
James W. Dunham,	10 85
E. & M. Nickerson, sods,	6 25
James H. Carr, labor,	6 25
J. H. Little, labor,	5 70
S. G. Cook, teaming,	7 16
Fred A. Taylor, labor,	26 10
Thomas Weeks, labor,	3 70
Isaac E. Smith, labor,	3 60
Mary J. Ellis, teaming,	3 40
Henry Pierce, labor,	4 80
Central Wharf Co., spikes,	5 30
George Merritt, labor,	1 70
John J. Alexander, labor,	1 50
J. Paine, Jr., lumber,	139 25
J. D. Hilliard, wharfage,	26 60
F. A. Stimson, Rock Port, for crushed granite,	190 73
David Ryder, labor,	1 30
Freeman M. Bowley, labor,	11 03
Antone Silva, labor,	1 80

Paid William H. Silva, labor,	\$1 60
David Smith, labor,	1 50
George Crosby, labor,	11 30
A. T. Williams, wharfage,	9 15
Charles Kirby, labor,	8 15
Charles L. Young, teaming,	10 50
David Rich, shells,	13 00
James Carr, labor,	21 00
Augustus E. Rich, labor,	22 30
Josiah Whorf, labor,	24 90
William Sprague, labor,	1 50
John E. Morrill, labor,	2 50
R. O. Kelley, labor,	3 90
Andrew T. Powe, shells,	1 50
Antone Marshall, labor,	4 20
Manuel Caton, labor,	1 47
Charles Haskings, labor,	60
Alexander Livingston, labor,	2 80
James H. Sullivan, labor,	3 00
Thomas N. Paine, clay,	4 00
Alfred Hall, labor,	1 90
William R. Gayland, labor,	1 90
Henry Harvender, labor,	2 30
Isaiah Young, teaming,	38 00
Henry W. Marston, labor,	55
William Whalen, labor,	80
Ephraim Bailey, labor,	1 20
George Randall, labor,	1 38
William H. Carr, labor,	1 40
William H. Hammond, labor,	1 68
John Pierce, labor,	1 40
C. H. Hodgdon, labor,	2 40
Isaac B. Lewis, teaming,	4 80
Benj. W. Atkins, labor,	10 66
Charles W. Smith, labor,	4 80
Boniface Silva, labor,	65
David Conwell, spikes,	43

Paid John W. Young, labor,	\$0 50	
David L. Smith, gravel,	1 00	
John F. Joseph, labor,	3 50	
Ephraim Ryder, sods,	6 38	
George W. Standish, labor,	14 56	
John H. Livermore, crowbar,	1 40	
William H. Ayers, labor,	1 50	
Joseph John, labor,	1 95	
J. & L. N. Paine, teaming,	3 00	
James Barnett, teaming,	3 00	
Joseph Weeks, labor,	5 25	
Balance in the treasury,	6 90	
		<u>\$2,823 12</u>

I would recommend the appropriation of \$2500 for the ensuing year.

Respectfully submitted,

FRANK CHASE, *Road Surveyor.*

THIRTIETH ANNUAL REPORT
OF THE
ENGINEERS OF THE FIRE DEPARTMENT.

FINANCIAL.

Salaries to May 1, 1889 :

Chief engineer,	\$20 00
Clerk and assistant engineer,	15 00
Three assistant engineers, each \$10,	30 00
Engine Co. No. 1,	250 00
“ No. 2,	250 00
“ No. 3,	250 00
“ No. 4,	250 00
“ No. 5,	200 00
Hook and Ladder Co. No. 1,	125 00
Stewards of Engines Nos. 1, 2, 3, and 4, each \$50,	200 00
Steward of Engine No. 5,	25 00
Steward of Hook and Ladder No. 1,	25 00
	<u>\$1,640 00</u>

The following paid to Jan. 1, 1890 :

Engine and truck repairs,	21 92
Engine and truck house repairs,	80 26
Fire cracker notices and posting,	3 75
Fuel, lights and stoves,	122 54
Flags and repairing and repairs to flagstaff,	14 83
Horse hire at fire alarms,	21 00
Ringling bells,	2 50
Reservoir repairs, new covers, and clearing snow,	32 34
Night watch in engine houses,	4 00

Forest fires, expenses,	\$3 40	
Printing,	7 25	
Nipples for hydrant posts,	9 22	
Key to engineers' room,	50	
Freight, telegrams and postage,	15 54	
Badges,	4 96	
Pavings to replace platforms for houses, engines Nos. 3 and 4 laying same, and including 204 blocks on hand,	93 78	
Painting outside and inside of houses, engines Nos. 1, 2, 3, and 4,	135 95	
		<u>593 79</u>
		\$2,233 79
Appropriation,		<u>2,100 00</u>
Overdrawn,		\$133 79
Extraordinary expenses necessary to be done:		
Raising house of engine No. 4, putting new front and side sills and under- pinning,	133 30	
New floor to house of engine No. 2,	61 05	
Ballasting reservoirs using 67 tons granite chips,	184 36	
4 tons cannel coal in readiness for an emergency, a year's supply under ordinary circumstances, for the steamer,	50 50	
Extra supply of soda and acid for the Chemical Engine sufficient for a year of ordinary fires,	18 72	
Freight here and back of Steam Fire Engine employed to test the water supply, no charge being made for the use of the engine nor for the time and expense of the engineer,	56 40	
1 ton cannel coal used testing,	13 00	
Expense of our men testing two days,	21 00	

Board and travel of J. D. Hilliard (no charge for services) and Geo. H. Holmes examining different make of Steam Fire Engines before purchasing,	\$42 93	
Testing and dedication of new engines,	75 00	
		<u>656 26</u>
		\$790 05
Deduct sold,		
33 granite pavings,	2 97	
Bunting,	15	
1 old stove,	3 80	
		<u>6 92</u>
		\$783 13
New Apparatus:		
Appropriation,		5000 00
New Steam Fire Engine from Amoskeag M'fg. Co., 3rd class double, makers number 639,	\$3450 00	
Less allowance and contribu- tion,	250 00	
		<u>3200 00</u>
Chemical Engine from Fire Extinguisher Co. Chicago, two 35 gallon tanks,	\$1900	
Less allowance and con- tribution,	525	
		<u>1375 00</u>
Extra freight,	3 50	
Hose wagon from E. Teel & Co. capacity 1000 ft. hose,	375 00	
		<u>4,953 50</u>
		46 50
		\$736 63

RECORD OF FIRES IN 1889.

June 13, alarm at 7 o'clock P. M., for a slight fire in a dwelling on Conant Street, owned and occupied by Joseph Rocheteau. Damage to building, \$25.00. Damage to contents, \$10.00. Cause, carelessness. Number 2 Engine laid a line of hose which was not used, the fire being extinguished by the use of pails of water.

Dec. 10, alarm at 9.30 o'clock P. M., for a slight blaze in an unfinished room of the house of Frank Days on Bradford Street in the eastern part of the town. Damage to building, \$5.00. Engines not used. Cause, careless use of matches in hands of children.

Dec. 31, 8.40 o'clock P. M., for a fire in the house owned and occupied by Frank Williams on Conant Street. Damage to building trifling; damage to decorations arranged for celebrating the ending of the old and beginning of the new year, \$20.00. Apparatus not used.

With a total fire loss of but \$60.00 for the entire year, it should be an occasion of congratulation when so many places in this state have been visited with destructive fires. Our department has been prompt to respond to fire alarms when properly given.

Since the introduction of the steam and chemical engines, the New England Insurance Exchange have formulated a new schedule of premium rates making a reduction of from 25-100 to 10-100 per cent.

In conformity to a vote of the town that the engineers employ a steam fire engine to test the capacity of our reservoirs we arranged with the Amoskeag Manufacturing Company putting ourselves under no obligation to purchase an engine from them. Their engine and engineer came here in March; the first day's trial was not satisfactory; there was an ample supply of water in the brick reservoirs, but the brick curbing, or body of the reservoir, settled before half the quantity of water had been taken out. How to prevent the settling was the question. We tried the experiment of putting chipped granite around the bot-

tom near the edge, after which a severe test of one and one-half hours on the reservoir near the Western Schoolhouse and a steady pull of one hour on the one near the Center Schoolhouse gave us all the water required and no settling. The several tubes fitted with steamer connection were also tested, the one at the junction of Howland and Bradford streets being eminently satisfactory, furnishing a good supply for two streams; the one near Chas. A. Cook's store enough for one stream; the one near the Catholic Church for one fair stream, while the one near the locomotive house was defective. Arrangements have been made to take it from there and place it near the house of Engine No. 3.

Being satisfied that we had sufficient water we communicated with the several builders, sent Messrs. Hilliard and Holmes to examine the different kinds, and finally decided that for this community the Amoskeag Manufacturing Company's 3d class double piston engine built in Manchester, N. H., was the best adapted to our needs, and contracted for one. The chemical engine was bought of the Fire Extinguisher Manufacturing Company, of Chicago, and the hose wagon of E. Teel & Co., of Medford. The steamer was tested September 17, 1889, under the following restriction: no kerosene or other oil to be used in starting the fire, the safety valve to be set at 100 lbs. pressure and no more. The fire under the boiler was started at 9.09 o'clock A. M.; steam commenced to make in 5 1-2 minutes.

10 lbs.,	steam in	7	minutes.
25 "	"	8 1-4	minutes, when the pumps were
30 "	"	9 1-2	minutes, [started.
40 "	"	10	"
50 "	"	10	"
60 "	"	11	"
70 "	"	11 1-4	"
80 "	"	11 1-2	"
90 "	"	11 3-4	"
100 "	"	12 1-4	"

All from the time of lighting the fire. Among the several tests made was one through 1550 feet of hose up a rise of 50

feet. At this trial four pieces of hose pulled from the couplings; however a distance of 103 feet horizontal was reached. Through 1350 feet up the same rise of 50 feet, 130 feet distance of stream was maintained during the trial. The last trial was through 50 feet horizontal when a stream was sent out 237 feet with unfavorable surroundings for making a good showing. The engine proving satisfactory to your committee, it was put into service at 12 o'clock noon of the same day, located at the house of Engine No. 3 and manned by that company. Engine Mazepa 3 being housed with the Tiger No. 5, but maintained in perfect working order in case of emergency.

The steamer has been used at three brick reservoirs since being put into service with the following results: Foot of Pearl Street near G. O. Knowles', a good supply of water and no settling; at the foot of Freeman Street near J. D. Hilliard's store a good supply, settled one inch; at the reservoir near the foot of Ryder Street next David D. Smith's shop, hardly a satisfactory supply, settled quickly one inch. We propose to test the different reservoirs, both brick and tube, from time to time to be satisfied as to which are to be relied upon.

The hose wagon was used and put into service the same day as the steamer.

The chemical engine was tested October 9, generating 150 lbs. pressure in 40 seconds. It was accepted and put into service at 12 o'clock noon of same day and is run by the Excelsior Company No: 4 in connection with their hand engine. It is a valuable addition to the department. We have labored diligently and faithfully to have good and reliable pieces of apparatus and machinery and feel that we have fully the equivalent for the money expended.

The Board of Engineers received a petition from the members of Engine Co. No. 3, requesting that the steamer be named J. D. Hilliard, which name was unanimously adopted. For the name he has at his private expense caused the engine to be much more highly ornamented than it otherwise would have been.

With the introduction of new kind of apparatus the following regulations for the care and management of the Steam Fire Engine have been adopted:—

The Officers of the Steam Fire Engine shall be, a Foreman, Assistant Foreman, Clerk, and such other minor officers as the company may select. There shall also be an Engine-Man, an Assistant Engine-Man, a Stoker and ten Hosemen.

FOREMAN. — The Foreman of the Steamer shall have immediate command and be directly responsible for the company's discipline and condition and for the proper care of the apparatus and equipments. He shall see that all of his men have proper equipments, report to the Chief of Department every case of misconduct, insubordination, neglect, or unfitness. He shall see that no town property in his charge is loaned to any citizen, without a special order from the Chief of Department.

At fires or play outs he shall see that all duties are faithfully performed by his company; keep a sufficient quantity of fuel and other supplies for use; see that the boiler feed tank is kept filled with good fresh water, using the buckets carried on the Hose Wagon for that purpose, and when practicable obtain a supply from some cisterns of rain water in near-by dwellings. He shall transmit to the Chief of Department a monthly report immediately after meeting, embodying such information as may be required by printed blanks furnished. The Foreman or other officer in command, or such member as he may order, must occupy the driver's seat to control by the brake the speed of the machine when on a down grade.

ASSISTANT FOREMAN. — The Assistant Foreman shall be Foreman of the Hose and with the Hosemen run the Wagon to fires and play outs; in the absence of the Foreman perform all the duties and exercise his authority and be held to a like responsibility. On returning from a fire he shall with the assistance of the Hoseman wash the dirty hose, hanging them in the Hose Tower and replenish the wagon with dry hose. He shall see that all pipes, spare nozzles, belts, spanners, and hose lines are in their proper places.

Hosemen nor any other person will be allowed to ride on the Hose Wagon when being drawn by hand. When drawn by a horse two men and the driver on the front seat and two men on the rear foot board will be allowed and no more.

The Foreman, Assistant Foreman, and the Clerk will see that this order is rigidly enforced.

CLERK.—The Clerk of the Company shall neatly keep the records of the Company meetings and a correct list of absentees in a book furnished by the town, which book when filled must be delivered to the Chief of Department; keep a correct roll of the Company, their name, age, when admitted and their rank. In the absence of the Foreman and Assistant he shall take charge of the company with full power. In April prepare an alphabetical list of the officers and members of the Company forwarding the same to the Chief of Department.

ENGINE MAN.—The Engine Man of the Steamer shall have the care and management of the Engine. He must see that it is always kept in good order, ready for immediate use, with all the necessary supplies. He will be held responsible for its condition in the house and at fires. He shall make such repairs on his Engine, in the Engine-House, or elsewhere, as may be ordered by the Chief, and aid in the examination and repairs of the Engines when directed. No member shall cut-off the water or in any manner move the machinery of the Engine, except at request of the Engine Man.

When practicable play out the Engine at the monthly meeting, other times when necessary, after each playing out blow off the boiler, running the steam down to 20 lbs. before doing it; refill when cooled off.

Keep the safety valve set at eighty pounds, running the Engine according to the line of hose. One hundred lbs. of steam will only be carried when working through an extra line of say five hundred feet each, water pressure will never exceed one hundred pounds except by special order from the Chief or Assistant Engineers of the Department. He shall keep an account of all supplies and promptly report when materials are required for use.

He shall instruct the stoker in the management of the Engine. The use of all patent preparations for cleaning the metal strictly prohibited. All material for polishing will be furnished from headquarters.

The following whistle-signals will be made use of in this department:

One whistle—signals pipe men to look out for water.

Two whistles—signals for burst hose.

Three whistles—signals for coal.

Four whistles—signals for feed water.

Two short and one long whistle—signals "make up".

When the services of the Engine are not required, draw the fire, always leaving sufficient quantity for rekindling in case of another alarm while returning. All fuel partially consumed shall be preserved and not left burning in the streets.

STOKER.—The Stoker shall keep the Engine and Hose Wagon and Engine room clean and neat at all times. On the return of the Engine from a fire, or play out, to immediately brush all collection of cinders from the top of the boiler, brushing the boiler flues clean, lay the furnace with fuel ready for a start, fill all the oil cups, allowing first a sufficient quantity of oil to run into each cylinder to keep them in good order, see that the feed tank is full of water. Have the care of the stove in the Engine room, keeping it sufficiently warm to prevent any frost. Keep the Engine room lamps well trimmed, the Engine and Hose Wagon lanterns ready for use and when so ordered have one burning on each from 8 o'clock P. M., until morning. Have the care of the Company room stove and lights, keep them in good order, the room clean, warm and lighted for regular and special meetings. Remove all snow and dirt from the platform.

MEMBERS.—The members of the Steamer Company will on an alarm of fire repair as promptly as possible to their Engine house, or to the Engine if on the way to a fire and diligently labor to have the machine as speedily as possible taken to a proper reservoir, assist in attaching the suction hose and running out the leading hose; bringing water for the feed tank under

the direction of the Foreman of the Company or when requested by the Engine Man then in charge, keeping the tank well filled, using the buckets carried on the Hose Wagon; when practicable cistern water will be obtained from near-by dwellings. The two men at the handle of the tongue to immediately wind the drag rope on the reel as soon as the Engine is in position. Remain in the vicinity of the Engine and when ready to be returned to the house take the Engine there in a quiet and orderly manner. Racing on the return from a fire strictly prohibited. In the absence of the Foreman, Assistant, or Clerk the man on the rope next the pole will speedily get on the driver's seat to control the speed of the Engine with the brake when on a down grade. No member allowed to ride in the fuel basket, excepting the Engineer and Stoker when necessary.

All Company Constitutions and By-Laws conflicting with these regulations are hereby repealed.

The following regulations for the care and management of the Chemical Engine are adopted:

The officers of the Chemical Engine shall be, a Foreman, two Assistant Foremen and a Clerk, and such other minor officers as the Company may select subject to the approval of the Engineers. There shall also be a Steward.

FOREMAN.—The Foreman of the Chemical Engine shall have immediate command and be directly responsible for the Company's discipline and condition and for the proper care of the Apparatus and Equipments located in the Engine House. He shall see that all of his men have proper equipments, report to the Chief of Department every case of misconduct, insubordination, neglect, or unfitness. He shall see that no town property in his charge is loaned to any citizen, without a special order from the Chief of Department. At fires or play out he shall see that all duties are faithfully performed by his company; keep a sufficient quantity of soda and acid on hand, notifying the Chief of Department when more is wanted, see that the tanks are properly filled and ready for immediate use; see that all acid bottles and soda bags are filled and in their

proper places on the Engine. He shall transmit to the Chief of Department a monthly report immediately after meeting, embodying such information as may be required by printed blanks furnished. The Foreman or other officer in command, or such member as he may order, must occupy the driver's seat to control by the brake the speed of the machine when on a down grade.

ASSISTANT FOREMAN.—The Assistant Foreman shall in the absence of the Foreman perform all the duties and exercise his authority and be held to a like responsibility, the first Assistant being senior to the second Assistant. The first Assistant Foreman shall have charge over the supply pump for filling the tanks when empty, calling upon such members of the Company as may be necessary to speedily do the work. The second Assistant Foreman shall have charge of the Chemical hose and shall have such assistance from the several members of the company as he may require. After a fire the Assistant Foreman shall assist in filling the tanks, acid bottles and soda bags as speedily as possible. The second Assistant Foreman shall see that all pipes, nozzles, belts, spanners, and other equipments are in their proper places.

No officer or member will be allowed to ride on the Chemical Engine when drawn by hand, when drawn by horses two persons and the driver on the front seat and two men on the rear foot board will be allowed.

The Foreman, Assistant Foreman, and Clerk will see that this order is rigidly enforced.

CLERK.—The Clerk of the Company shall neatly keep the records of the Company meetings and a correct list of absentees in a book furnished by the town, which book when filled must be delivered to the Chief of Department; keep a correct roll of the Company, the name, age, when admitted and their rank. In the absence of the foreman and assistants he shall take charge of the Company with full power. In April prepare an alphabetical list of the officers and members of the Company, forwarding the same to the Chief of Department.

STEWARD.—The steward shall keep the Engines and other appliances located in the house clean and neat at all times. On the return of the apparatus from a fire, or play out, to immediately clean off all collection of chemicals and assist in filling the tanks with water, soda and bottle of acid. Keep all reserve acid bottles and soda bags filled and in their proper places, raise the plugs from each acid bottle at least once each month. Have the care of the stoves in the Engine-room, keep it sufficiently warm to prevent any frost. Keep the Engine-room lamps well trimmed, the Engine lanterns ready for use and when so ordered have one lantern burning on the Engine from 8 o'clock P. M. until morning. Have the care of the Company room stove and lights, keep them in good order, the room clean, warm and lighted for regular and special meetings. Remove all snow and dirt from the platforms.

The members of the Chemical Company will on an alarm of fire repair as promptly as possible to their engine house, or to the Engine if on the way to a fire and diligently labor to have the machine as speedily as possible taken to the building on fire, do all work required by the officer in charge, remain in the vicinity of the Engine, and when ready to be returned to the house take it there in a quiet and orderly manner. Racing on the return from a fire is strictly prohibited. In the absence of the Foreman, Assistants, or Clerk the member on the rope next the pole will speedily get on the driver's seat to control the Engine with the brake when on a down grade.

When necessary for the Hand Engine to be used the first Assistant Foreman shall remain with the Chemical Engine in command of such number of the company as may be ordered, the Foreman other officers and members shall fill their several stations upon the Hand Engine as is already prescribed by the Departments regulations.

All company Constitution and By-Laws conflicting with these regulations are hereby repealed.

With the Chemical Engine to stop incipient fires, that can be reached on a quick alarm; with the Hand and Steam Fire Engine to do the laborious work we recommend that Hand Engines Nos. 3 and 5 be put out of active service on the last day of April, 1890, that they be kept in good working order under the immediate charge of a suitable person whose duty will also be on an alarm of fire to immediately repair to the house in which they are located and have everything in readiness for an instant start by volunteer citizens in event of a serious fire. The members of Company No. 5 of suitable age can be enrolled with the several active companies near their residence while those under age can serve as volunteers. This Company is very much scattered.

The money requirements for 1890 will be,—

For salaries one year to May 1:

Hook and Ladder Co. No. 1,	\$125 00
Engine Co's. Nos. 1, 2, 3, 4, \$250 each,	1,000 00
Engine Co. No. 5,	200 00
3 stewards, \$40 each,	120 00
1 steward,	25 00
1 steward,	20 00
1 engine man,	25 00
1 assistant engine man,	10 00
1 stoker,	65 00

\$1,590 00

Chief engineer,	20 00
Clerk and assistant engineers,	15 00
3 assistant engineers, \$10 each,	30 00

\$1,655 00

For the ordinary running expenses of this Department, for a new piece of suction hose required on Engine No. 1,

395 00

\$2,050 00

The following was issued and is still in force :

\$50 REWARD.

FIRE DEPARTMENT OFFICE, Oct. 17, 1889.

A reward of fifty dollars will be paid for information that will lead to the detection and conviction of the person or persons who tampered with the key box on the door of Engine No. 1, broke the glass and stole the key.

J. D. HILLIARD, Chief of Department.

Since issuing the above the glass on the door of the houses of Engines Nos. 1 and 2 were each broken the same night, for which the above reward will be given to whoever may furnish the necessary information.

All of which is respectfully submitted.

J. D. HILLIARD,
L. N. PAINE,
GEO. O. KNOWLES,
JOHN G. WHITCOMB,
GEO. H. HOLMES,

Engineers of the Fire Department.

Provincetown, Jan. 8, 1890.

REPORT OF COMMITTEE ON PROTECTION OF BEACH AT EAST END.

This committee was appointed at a special town meeting held Feb. 25, 1889, and instructed to carry out the recommendations contained in the report of a former committee adopted at same meeting.

These recommendations were as follows :—

“FIRST: That the present bulkhead be strengthened by putting in brush behind it well stanchioned down and weighted with stone.

“SECOND: That an experimental section of wall, constructed of posts, joists and brush be built at the western end of the present bulkhead extending some seventy-five feet along the beach, together with jetties, twenty-five feet apart, similarly constructed, extending from the wall some sixty feet, the brush to be well stanchioned down and weighted with stone.”

Acting under these instructions your committee first strengthened the bulkhead, expending in the work \$189.53. They next built an experimental section of wall and jetty work after the manner recommended in the report. This work cost \$228.68.

They had now carried out the recommendations of the former committee and were left with an unexpended balance of \$82.12.

In the early part of August a severe storm carried away a portion of the old bulkhead and at the request of the selectmen the committee built two more jetties, at the most exposed point, similar to the first ones expending in this latter work \$80.64 leaving an unexpended balance of \$1.48, the account being as follows :—

Appropriation,		\$500 00
Rebate,		33
Repairing old wall,	\$189 53	
Building first 3 jetties,	228 68	
" last 2 "	80 64	
Balance unexpended,	1 48	
	<hr/>	
	\$500 33	\$500 33

In this work the recommendations have been closely followed and the work has been done in a careful and thorough manner under the personal supervision of one of the committee. Frequent visits have been made there since the work was finished and on Jan. 3 last a careful inspection was made of the work done and its results. The evidence was conclusive that the experiment had been in a high degree successful.

Before this work was commenced the sea was making deep inroads into the bank and would soon have reached the county road. At the time of this examination high water mark was thirty feet from the bank. The shore or "rising" was three and one-half feet higher than when the road was commenced, and that was true, not only of the shore between and around the jetties but was carried with a diminishing depth for a distance of 225 ft. to the westward of the jetties. Mean high water mark at the western jetty was then where the foot of the rising was in the early spring and this line ran 250 feet to the westward before joining the old high water mark.

Circumstances required the building of the last two jetties seventy-five feet apart, too great a distance, we think, to accomplish the best results. They are gradually, however, filling up with sand and seaweed and, together with the work since done by the selectmen will no doubt secure that part of the beach from further damage by the sea.

Respectfully submitted,

A. P. HANNUM,
JAMES GIFFORD,
DANIEL F. LEWIS.

Committee.

REPORT OF TRUSTEES OF PUBLIC LIBRARY.

BOOK FUND.

Balance donation in treasury last report,		\$575 60
Received donation from Benjamin Small (bonds),		5000 00
" dividend Seamen's Saving Bank,		9 82
" dog fund,		204 94
" interest Benjamin Small Fund,		310 00
Paid Houghton, Mifflin & Co.,	\$6 50	
D. Copk,	5 50	
Estes & Lauriat,	372 73	
J. H. Lamb,	6 00	
A. L. Putnam,	9 75	
Magazines,	27 55	
B. A. Fowler & Co.,	6 00	
Bonds of Benjamin Small Fund, income only		
available,	5000 00	
Balance deposit in Seamen's Saving Bank,	666 33	
	<hr/>	
	\$6,100 36	\$6,100 36

Appropriation for annual expenses and catalogues,	\$800 00
Received for fines and catalogues,	25 00

ANNUAL EXPENSE:

Paid Mattie W. Bangs, salary,	\$234 00
F. A. Smith, labor,	1 00
J. H. Hopkins, sundries,	5 92
H. F. Hopkins, printing,	5 00
A. T. Williams, coal, wood and oil,	27 00
H. Engles, labor and stock,	5 42

Paid J. A. West, labor and stock,	\$8 35	
A. L. Putnam, supplies,	2 09	
NEW CATALOGUES AND CASES :		
Paid Library Bureau for card catalogues,	40 75	
Mattie W. Bangs, labor,	10 00	
J. H. Hopkins, paid express, etc.,	4 35	
M. N. Gifford, freight,	3 25	
Glendon & Co., cases,	210 00	
O. C. R. R., freight,	10 00	
R. S. Layender, teaming,	2 00	
Library Bureau,	8 50	
B. H. Dyer, painting,	24 74	
F. A. Smith, labor,	4 10	
Alfred Small, labor,	49 18	
H. F. Hopkins, on account, cata- logues,	169 35	
	<hr/>	
	\$825 00.	\$825 00

CONDITION OF THE LIBRARY.

Number of new books purchased,	334
“ “ “ “ to replace old,	2
Books received by donation,	1
“ “ from State,	6
“ “ “ United States,	18
Present number of books,	4309
Number of periodicals,	7
“ names on register Dec. 31, 1889,	2352
“ “ added during 1889,	91
Present number of names,	2443
Circulation for the year,	9208

The trustees recommend an appropriation of \$350 for 1890.

In accordance with the votes of the annual meeting, the Trustees of the Library have rearranged the books of the Library and have substituted for the former shelves lining the walls six ash book cases of an improved pattern each affording shelf room for eight hundred bound volumes. A new catalogue of the books in the Library has also been prepared and six hun-

dred copies have been printed for the use of the reading public. The removal of the old shelves rendered necessary the painting of the walls of the Library, an expense that might properly be charged to the annual expense account. The Trustees have also added to the Library a card catalogue designed to furnish a complete list of all the books in the Library and of all new books as they are received from time to time, a systematic catalogue, essential and almost indispensable in any Library where the books number four thousand or over.

The Trustees have endeavored to be attentive to the possible future needs of the Library and are confident that with a small annual outlay shelf room and catalogues sufficient for the needs of the Library can be furnished for several years without further special appropriations by the town.

The preceding tables contain a list of the necessary expenditures of the year. Although the preparation of the catalogue for the printer was the voluntary work of one of the Trustees the appropriation by the town was insufficient to meet the necessary expenses and there remains due to H. F. Hopkins for printing the catalogues fifty-one dollars and sixty-five cents, which deficit, however, the receipts from the sales of six hundred catalogues at twenty-five cents each will doubtless meet.

The Trustees take pleasure in announcing the receipt during the year of the Benjamin Small Fund, the annual income of which is available for the purchase of books. An appropriation of three hundred and fifty dollars will be necessary for the ensuing year.

A. T. WILLIAMS,
GEO. H. HOLMES,

Term ending 1892.

A. P. HANNUM,
MOSES N. GIFFORD,
JAMES H. HOPKINS,

Term ending 1891.

E. N. PAINE,
S. S. SWIFT,

Term ending 1890.

REPORT OF BOARD OF HEALTH.

The Board respectfully submits its report for the year ending Dec. 31, 1889. It is with pleasure that we can report thus favorably of the sanitary conditions of our town. During the past year there have been but two cases of contagious diseases reported, one of which proved fatal. There has been no spread from these dreaded diseases. The Board has reason to believe that the annual inspection of the dwelling-houses would be of great good. We wish to call your attention to the cleanliness about houses, stables, and outbuildings, and the importance of the removal of all offensive deposits on the shores and flats. The streets should not be made a receptacle for rubbish and shop sweepings. A little care might be exercised in the following suggestions to the benefit of all. It becomes us to have the personal interest and pride in the appearance and healthfulness of our town, to do whatever we can to increase its attractiveness to all. We wish to express our thanks to the Selectmen and the public in general for their labor with us in preserving the public health.

In conclusion we wish to recognize the divine providence of God in our exemption from fatal epidemics and accidents.

F. C. MILLER, Chairman,
 B. A. LEWIS,
 A. H. NEWTON, M.D., Sec'y.

ANNUAL REPORT

OF THE

SCHOOL COMMITTEE

OF THE

TOWN OF PROVINCETOWN

FOR THE

Year ending December 31, 1889.

PROVINCETOWN, MASS.:

The Advocate Press. Howard J. Hopkins.

1890.

PRESENT CORPS OF TEACHERS.

HIGH SCHOOL.

S. H. Baker,	Principal.
Emma Gardner,	Assistant.
Phebe E. Freeman,	Assistant.

GRAMMAR SCHOOL.

E. J. Edmands,	Principal.
Maria E. Gardner,	Assistant.
Annie Y. Shortle,	Assistant.

HIGHER INTERMEDIATE SCHOOLS.

Sara Cavanagh,	Nellie B. Hilliard,
	Ella M. Mayo.

INTERMEDIATE SCHOOLS

Abbie C. Sparks,	Annie W. McKennon,
	Bessie H. Lyford.

PRIMARY SCHOOLS.

Minnie Hamlin,	Angie E. Sparks,
Angie F. Blake,	Fannie S. Crocker,
Carrie A. Cowing,	Hettie F. L. Holmes,
Julia C. Knowles,	Hattie P. Allen,
	May B. McIntyre.

REPORT OF SCHOOL COMMITTEE.

The School Committee of Provincetown respectfully submit the following report:

It is not the intention of the Committee to trouble their fellow-citizens with a long report; their aim is, rather, to make it as brief as the interests of the schools, will admit.

Though there are many things connected with the schools which the citizens should be interested in, and doubtless are, yet they have been written so many times and so recently explained, we judge that they must be so fresh in the minds of the people that their repetition at this time would be useless. We have, as last year, seventeen schools and until the present term, the same number of teachers as last year (20). There are eight hundred and seventy-five pupils in all of the schools and during the year nine hundred and forty have been enrolled. Nine of the above schools are Primary with four hundred and fifty pupils, and during the year five hundred and twenty-five different children have been enrolled with ages varying from five to fifteen years. Two of these schools are over-crowded, viz., the Western Primary No. 1, and the school on Conant Street. It seems that the good time will never come when the children will be so distributed throughout the town as to have these schools relieved of their surplus scholars without the necessity of building new houses. The work in the Intermediate schools has not been interrupted this year. The same course of study has been pursued, and the same faithful teachers have been in charge, excepting in the Center School. At the beginning of the present term Miss Ella M. Mayo was promoted to the Eastern Higher Intermediate and her place was filled by the promotion of Miss Bessie H. Lyford from the Eastern Primary No. 2. Miss Lyford has had a number of years' experience

in other schools, so the work in this department was undisturbed. The work is faithfully and well performed. These schools are not over-crowded, except the one at the West end where there are more pupils than should fall to the lot of one teacher, though the present instructor, Miss McKennon, seems to have it well in hand and manages in nicely. There have been enrolled one hundred and seventy-five pupils in this department during the year, varying in age from eight to sixteen years. The Higher Intermediate Schools never sent to the Grammar School a better fitted class of pupils than those which were promoted last summer; this shows that the unusual care on the part of the teachers produced more thorough work on the part of the scholars. While the work in this department has been uninterrupted the Eastern School has been unfortunate in having two changes of teachers, showing that three different teachers have been in charge since our last report. Miss Hilliard and Miss Cavanagh remain at their posts at the Center and Western Schools where for several years they have accomplished very excellent work. These schools are comparatively small, as many of the children are taken out of school and set to work or are allowed to leave on their own account at an early age or before reaching the Higher Intermediate School. There have been one hundred and fifty pupils enrolled in this department during the year.

The Grammar School work has not differed materially in kind from last year. We are glad to report, however, that the work has been more thorough, and the scholars are further advanced. So far as the arrangement of classes and the time devoted to each class was concerned there seemed to be no chance for much change until the present term, when, in order to accomplish the work demanded of the Grammar School and the better to prepare scholars for the High School, it was deemed necessary to employ two assistant teachers where, heretofore, there had been only one. Such a course has been recommended and urged for five years; the lack of means only prevented the employing of such extra help. Our apportionment from the "Massachusetts School Fund" was much larger this year

than it has been in the past: amounting, in addition to the usual amount, to a sum more than enough to pay the salary of the extra teacher asked for, without an extra appropriation from the town for such a purpose. The Committee felt justified, therefore, in carrying into effect the plan so long recommended, and have employed a second assistant teacher, whose work commenced with the present term. The time has been so short since the change was made, that comment at this time would be unfair. However, the Committee are fully satisfied that the results will prove the wisdom of the change.

Mr. Edmands continues at the head of this school, and is a very earnest and faithful worker. Miss Addie S. Mitchell who had served this school faithfully and well as assistant teacher for nine years resigned her position last August and Miss Maria E. Gardner was employed to fill the vacancy. Miss Gardner is a trained teacher with considerable experience and takes hold of the work as if used to it. She acts as if she were at home in the school room.

One hundred and forty different scholars have been enrolled during the year. Weekly and monthly reports are sent to the homes of all the pupils, giving their record in every study, so that the parents need not be ignorant of their standing. "Two things the parents of, even the most interested pupils as well as of those not so interested can do to help this school to a better grade. First see that your child is never absent from school except in case of absolute necessity and second, examine and see that your child has satisfactory weekly and term reports. Interest yourself in his work and show this interest by talking to the child about his studies and visit his school and see what he is doing there". Good advice will bear to be repeated.

There have been no changes in our High School. The work has gone steadily on without interruption. The teachers are earnest, faithful and capable; and we might with propriety and truth copy what was said in our last report both in reference to the school and teachers. It was not deemed best to make any change in the course of study, it being so arranged that every scholar can be accommodated with a sufficient amount of work

in studies suited to his or her capacity, for one, two, three or four years. While every provision is made for those who wish to obtain a classical education, no one is forced to take the languages who prefer a different course. Eighty-five scholars have been enrolled during the year. Last year we gave a table showing just the number of pupils in each branch of study. It was thought best to continue the plan as it tends to correct many absurd notions about the work of this school. The sub-joined table shows the branches taught during the year and the number of scholars in each study.

Arithmetic	50
Algebra	24
Book-keeping	22
Geometry	13
History	50
Literature	39
Rhetoric	31
Grammar	30
Government	10
Physiology	38
Physics	17
Chemistry	12
Botany and Geology	7
Physical Geography	18
Latin	56
French	35
Greek	2
Spelling	81
Composition	81
Declamation	81

The above table shows the work of the school for the year and is a fair showing for each year.

COURSE OF STUDY IN THE HIGH SCHOOL.

	LATIN.	GREEK.	FRENCH.	HISTORY.	MATHEMATICS.	SCIENCE.	ENGLISH.
1st year, 4th class,	Grammar. Translate English into Latin, orally and in writing. Special attention to etymology and syntax.	History of Greece and Rome. 3 terms.		Greek and Roman. 3 terms.	Arithmetic and Book-keeping. 3 terms.	Physiology. 1-2 year. Physical Geography. 1-2 year.	Grammar, with text books, to include parsing and analysis. Grammar Con. with written exercises to teach punctuation, use of capitals possessives & plurals. Grammar with parsing from difficult authors. Written exercises to teach forms of letters, business communications, bills, receipts, etc.
2d year, 3d class,	Grammar con. Caesar's Gallic War, I.-IV. Sight reading of easy Latin. Eng. into Latin Special attent'n to Gram'r work.		Grammar, Prose composition. LaFontaine's Fables.	Mediæval 3 terms.	Algebra. 3 terms.	Geology. Botany.	Dictation exercises to familiarize class with common forms of language and rapid writing, paraphrases of poetry and prose. Rhetoric following text-book. Dictation exercises continued. Rhetoric Con. with reference to figures, style, etc., requiring abstracts from standard authors.
3d year, 2d class,	Prose composition. Cicero. Sight reading. Etymology and syntax.	Grammar and reader. Eng. into Greek orally and in writing. Attent'n to etymology & syntax	Grammar continued Paul et Virgynie, Telemaque Conversation	English. 3 terms.	Geometry. 3 terms.	Natural Philosophy. 3 terms.	History of English language to age of Wickliffe. English literature to close of Elizabeth's reign, 1603. English literature from 1603 to present time.
4th year, 1st class,	Prose composition. Æneid, 1.-VI. Prosody, Review of Grammar.	Grammar con. Xenophon's Anabasis, I. III Prose composition. Att'tn to forms and construct'n	2 classic pl'ys Moliere's or Racine's. 2 md'rn plays Att'tn to formation & use of verbs, compo. conver'n	U. S. History Geography.	Review of Arithmetic or Trigonometry and Surveying.	Chemistry. Astronomy.	Study of English authors with reference to thought, style, rhetoric, etc. Study of authors continued. Study of American authors, prose and poetry.

CLASS OF 1889.

CLASSICAL COURSE.

Pauline J. Atkins,	Annie R. Kemp,
Bertha K. Cushman,	Frank T. Knowles,
Annie W. Hatch,	Nathalin Ryder,
Mertie J. Hopkins,	May E. Stull,
Lillian A. Joseph,	Josie H. West.

ENGLISH COURSE.

Anna W. Atkins,	Louis A. Law,
Edward B. Gross,	Francis R. Marshall.

GRADUATING EXERCISES.

THURSDAY EVENING, JUNE 27, 1889.

MARCH.

PRAYER.

THIRD HONOR. One Hundred Years' Progress,

Miss Bertha K. Cushman

Edward B. Gross

ORATION. Evils of Immigration,

ESSAY. "No One Lives to Himself Alone," Miss Annie R. Kemp

MUSIC.

ORATION. The Republic of Paraguay,

Francis R. Marshall

ESSAY. Character and Motives of the Pilgrims, Miss Nathalin Ryder

ESSAY. "Non Multa, sed Multum," Miss Pauline J. Atkins

MUSIC.

ESSAY. The Lessons of Nature,

Miss Mertie J. Hopkins

ORATION. Home Rule in Ireland,

Louis A. Law

ESSAY. Man's True Greatness,

Miss May E. Stull

MUSIC.

SECOND HONOR "Rome Was Not Built in a Day,"

Miss Annie W. Hatch

Miss Josie H. West

CLASS POEM.

ORATION. Purity of the Ballot,

Frank T. Knowles

MUSIC.

PROPHECY.

Miss Anna W. Atkins

FIRST HONOR. "As the Labor so the Reward." Miss Lillian Joseph

MUSIC.

CONFERRING OF DIPLOMAS.

BENEDICTION.

CHANGES.—At the close of the spring term Miss Lottie D. Frellick resigned her position as teacher of the Eastern Higher Intermediate School and Miss Mary E. Dyer was promoted from the Eastern Primary No. 2 to fill the vacancy. Miss Hettie Holmes was appointed, at the same time, teacher of the Primary No. 1 (same building), Miss Bessie H. Lyford having been promoted to the Primary No. 2. At the close of the summer vacation Miss Addie S. Mitchell resigned her place as assistant in the Grammar School and the vacancy was filled by Miss Maria E. Gardner. At the close of the fall term Miss Dyer resigned the position of teacher in the Eastern Higher Intermediate and Miss Mayo was promoted, from the Center Intermediate, to fill the vacancy. Miss Lyford was promoted from the Eastern Primary No. 2 to fill the vacancy in the Center Intermediate School, and Miss May B. McIntyre was appointed teacher of the Eastern Primary No. 2.

In rearranging the schools last year to bring them into harmony with the other departments, financially, the fall term was continued through fifteen weeks. This was found to be a little too long; it was thought best, therefore, to shorten the term this year, making it fourteen instead of fifteen weeks and the other terms twelve weeks each in length. This will account, in part, for the large balance to the credit of "Public Schools". It is also accounted for by the fact that we received a much larger amount from the Massachusetts School Fund this year than usual, which makes it possible for the Committee to employ an extra teacher for the Grammar School without an extra appropriation from the town.

While the expenses for the ordinary school house repairs have not been large the past year, those on the Center and Eastern buildings, for which a special appropriation was made a year ago, and might be called extra ordinary repairs, were larger than was expected.

These buildings were shingled and otherwise repaired. The roofs, before shingling, were entirely covered with heavy tarred paper and the shingles were laid four and a half inches (4 1-2) to the weather. It was found, when repairing these buildings,

that the chimneys were very much out of order and the repairing of these occasioned extra expense.

The appropriation for incidental expenses was not sufficient to carry out the plan of providing a laboratory and work-shop in the basement of the High and Grammar School building, as proposed and advocated in the last school report.

BY-LAWS.

Article 1. The town of Provincetown hereby avails itself of the several provisions of the statutes of this Commonwealth now in force relating to habitual truants and absentees from school, and in pursuance of authority conferred thereby adopts the following by-laws :

Article 2. All children between the ages of seven and fifteen years, residing in said town, and who may be found wandering about in the streets or public places of said town, having no lawful occupation or business, nor attending school and growing up in ignorance, shall be committed to any institution provided by this Commonwealth, or may hereafter be provided by the State, or the County of Barnstable, or the Town of Provincetown, for confinement, instruction and discipline.

Article 3. Two or more truant officers shall be appointed annually, whose duty it shall be to inquire into the violations of the truant laws, and of the law relating to compulsory education, and to do all the acts required of them by the laws of the Commonwealth.

Article 4. It shall be the duty of every truant officer previous to making any complaint under these laws, to notify the truant or absentee from school, also his parent or guardian of the offence committed and of the penalty thereof, and if the truant officer can obtain satisfactory pledges for the restraint and reformation of the child, he may, at his discretion, forbear to prosecute, so long as such pledges are faithfully kept.

Article 5. It shall be the duty of the School Committee, the teachers of public schools, and the citizens generally, to aid

the truant officers as far as possible in the discharge of their duties.

Article 6. It shall be the duty of the truant officers to keep a full record of all their official acts, and to make an annual report thereof to the School Committee, who shall publish the same with their own report.

Article 7. Nothing in these by-laws shall be so construed as to alter or impair the obligation and duty of teachers to enforce punctuality and regularity of attendance, and to preserve good order and discipline.

Teachers are required to be in their respective schoolrooms at least fifteen minutes before the morning and afternoon session. There shall be a recess of ten minutes sometime during the forenoon session.

No pupil affected with any contagious or infectious disease, or coming from a house in which such disease exists shall be allowed to attend the public schools.

Pupils may apply, at any time, for promotion and if found qualified shall be promoted to a higher class by consent of the School Committee or superintendent. But regular promotions shall be made only at the end of the school year.

Books are loaned to pupils on the following conditions :

They are not to be taken from the schoolroom without the consent of the teacher. They are to be carefully used and not marked or defaced. If lost or injured they are to be paid for by the pupil using them.

FINANCIAL REPORT.

SCHOOL INCIDENTALS.

Appropriation,		\$400 00	
Paid Howard F. Hopkins, printing,	\$22 50		
Josiah Swift, brooms,	2 00		
John W. Beaty, truants and labor,	8 70		
Henry Shortle, expense,	5 50		
J. H. Dearborn, truants,	26 25		
Henry Harvender, cleaning Center Schoolhouse,	19 00		
Charles Burkett, cleaning Johnson St. Schoolhouse,	8 00		
John W. Beaty, cleaning Western Schoolhouse,	19 00		
John W. Beaty, labor,	20 01		
John W. Beaty, cleaning Conant St. Schoolhouse,	15 00		
J. H. Dearborn, cleaning High and Grammar School,	40 00		
J. H. Dearborn, labor,	7 50		
Jos. A. West, sundries and labor,	62 97		
Geo. W. Cashman, labor,	13 00		
H. O. Sparrow, labor and stock,	28 00		
Obadiah Snow, labor and stock,	4 25		
A. T. Williams, sundries,	8 55		
A. L. Putnam, sundries,	7 22		
J. & L. N. Paine, sundries,	20		
A. Kennedy, sundries,	26 65		
H. Engles, labor and stock,	26 95		
H. C. Holmes, labor and stock,	14 57		
J. D. Hilliard, sundries,	4 37		
John W. Holway, cleaning Eastern Schoolhouse and labor,	35 60		
Deficiency,		25 79	
		<u>\$425 79</u>	<u>\$425 79</u>

SCHOOLHOUSE REPAIRS.

Appropriation,		\$400 00	
John D. Hilliard, nails, paint, etc.,	\$4 86		
Joseph W. Snow, labor,	24 50		
Charles W. Burkett, labor,	9 00		
George Allen, lumber and nails,	53 05		
A. T. Williams, nails,	1 10		
J. Paine, Jr., lumber,	10 00		
H. F. Hopkins, printing,	1 25		
Henry Harvender, labor,	9 10		
George C. Hill, labor,	33 00		
James Fuller, labor,	16 40		
Benjamin Lancy, lumber,	20 20		
Josiah Snow, labor,	12 75		
John H. Livermore, hinges,	81		
H. Merrill Smith, labor and supplies,	9 17		
J. A. West, labor and supplies,	86 03		
Balance on hand,	108 78		
		<u>\$400 00</u>	<u>\$400 00</u>

SHINGLING SCHOOLHOUSES.

Appropriation,		\$300 00	
J. A. West, nails, tarred paper and S. lead,	\$39 13		
Benjamin Lancy, 58 1-4 m. shingles \$3.70,	215 53		
Benjamin Lancy, staging and carting,	5 32		
George C. Hill, 50 days labor, \$3,	150 00		
Deficiency,		109 98	
		<u>\$409 98</u>	<u>\$409 98</u>

FREE TEXT BOOKS AND SUPPLIES.

Appropriation,		\$700 00
The Thorp Adams M'fg. Co.,	\$143 42	
A. A. Waterman & Co.,	164 53	
Van Antwerp Bragg & Co.,	212 35	
J. L. Hammett,	48 33	
F. M. Ambrose & Co.,	41 17	
Thompson Brown & Co.,	16 67	
Gould & Cook,	7 00	
Eastern Educational Bureau,	6 05	
Clark & Maynard,	5 00	
D. Appleton & Co.,	88	
Harper & Brothers,	8 64	
J. H. Stevens,	7 50	
A. C. Stockin,	5 85	
A. L. Putnam, commission,	87 50	
Deficiency,		52 89
		<hr/>
	\$752 89	\$752 89

AGENT'S ACCOUNT FREE TEXT BOOKS.

Estimated value of books and maps in use,	\$1,200 00
Amount of stock in hands of agent,	800 55
Cash due treasurer for books sold,	16 70
	<hr/>
	\$2,017 25

TEACHERS' SALARIES.
WINTER TERM, 1888 and 1889.

	Number of weeks.	Salary per week.	Amount per year.	Amount per term.
S. H. Baker, Principal High School	11	\$34 21	\$1,300 00	\$376 31
Emma Gardner, Assistant "	11	14 47.4	550 00	159 21
Phebe E. Freeman, " "	11	10 00	380 00	110 00
E. J. Edmands, Principal Grammar School	11	20 00	760 00	220 00
Addie S. Mitchell, Assistant "	11	9 00	342 00	99 00
Sara Cavanagh, Principal Higher Intermediate	11	8 50	323 00	93 50
Nellie B. Hilliard, " " "	11	8 50	323 00	93 50
Lottie D. Frellick, " " "	11	8 50	323 00	93 50
Annie McKennon, Principal Intermediate School	11	7 00	266 00	77 00
Abbie C. Sparks, " " "	11	7 00	266 00	77 00
Ella M. Mayo, " " "	11	7 00	266 00	77 00
Mamie E. Dyer, Principal Primary School	11	6 50	247 00	71 50
Bessie H. Lyford, " " "	11	6 50	247 00	71 50
Fannie S. Crocker, " " "	11	6 50	247 00	71 50
Hattie P. Allen, " " "	11	6 50	247 00	71 50
Julia C. Knowles, " " "	11	6 50	247 00	71 50
Angie E. Sparks, " " "	11	6 50	247 00	71 50
Carrie A. Cowing, " " "	11	6 50	247 00	71 50
Angie F. Blake, " " "	11	6 50	247 00	71 50
Minnie Hamlin, " " "	11	6 50	247 00	71 50
				\$2,119 52

TEACHERS' SALARIES.

SPRING TERM, 1889.

	Number of weeks.	Salary per week.	Amount per year.	Amount per term.
S. H. Baker, Principal High School	12	\$34 21	\$1,300 00	\$410 52
Emma Gardner, Assistant "	12	14 47.4	550 00	173 68
Phebe E. Freeman, " "	12	10 00	380 00	120 00
E. J. Edmands, Principal Grammar School	12	20 00	760 00	240 00
Addie S. Mitchell, Assistant "	12	9 00	342 00	108 00
Sara Cavanagh, Principal Higher Intermediate	12	8 50	323 00	102 00
Nellie B. Hilliard, " " "	12	8 50	323 00	102 00
Lottie D. Frellick, " " "	12	8 50	323 00	102 00
Annie McKennon, Principal Intermediate School	12	7 00	266 00	84 00
Abbie C. Sparks, " " " "	12	7 00	266 00	84 00
Ella M. Mayo, " " " "	12	7 00	266 00	84 00
Mamie E. Dyer, Principal Primary School	12	6 50	247 00	78 00
Bessie H. Lyford, " " " "	12	6 50	247 00	78 00
Fannie S. Crocker, " " " "	12	6 50	247 00	78 00
Hattie P. Allen, " " " "	12	6 50	247 00	78 00
Julia C. Knowles, " " " "	12	6 50	247 00	78 00
Angie E. Sparks, " " " "	12	6 50	247 00	78 00
Carrie A. Cowing, " " " "	12	6 50	247 00	78 00
Angie F. Blake, " " " "	12	6 50	247 00	78 00
Minnie Hamlin, " " " "	12	6 50	247 00	78 00
				\$2,312 20

TEACHERS' SALARIES.

FALL TERM, 1889.

	Number of weeks.	Salary per week.	Amount per year.	Amount per term.
S. H. Baker, Principal High School	14	\$34 21	\$1,300 00	\$478 94
Emma Gardner, Assistant "	14	14 47.4	550 00	202 63
Phebe E. Freeman, "	14	10 00	380 00	140 00
E. J. Edmands, Principal Grammar School	14	22 00	836 00	308 00
Maria E. Gardner, Assistant "	14	10 00	342 00	140 00
Sara Cavanagh, Principal Higher Intermediate	14	8 50	323 00	119 00
Nellie B. Hilliard, " " "	14	8 50	323 00	119 00
Mamie E. Dyer, " " "	14	8 50	323 00	119 00
Annie McKennon, Principal Intermediate School	14	7 00	266 00	98 00
Abbie C. Sparks, " " "	14	7 00	266 00	98 00
Ella M. Mayo, " " "	14	7 00	266 00	98 00
Hettie Holmes, Principal Primary School	14	6 50	247 00	91 00
Bessie H. Lyford, " " "	14	6 50	247 00	91 00
Fannie S. Crocker, " " "	14	6 50	247 00	91 00
Hattie P. Allen, " " "	14	6 50	247 00	91 00
Julia C. Knowles, " " "	14	6 50	247 00	91 00
Minnie Hamlin, " " "	14	6 50	247 00	91 00
Angie E. Sparks, " " "	14	6 50	247 00	91 00
Angie F. Blake, " " "	14	6 50	247 00	91 00
Carrie A. Cowing, " " "	14	6 50	247 00	91 00
				\$2,739 57

JANITORS' SALARIES.

	BUILDING.	NUMBER OF WEEKS.	PRICE PER WEEK.	AMOUNT.
WINTER TERM.				
John W. Beaty,	Western and Conant Street,	11	\$4 50	\$49 50
J. H. Dearborn,	High and Grammar,	11	4 00	44 00
Henry Harvender,	Center,	11	2 50	27 50
Geo. C. Hill,	Johnson Street,	11	1 00	11 00
John W. Holway,	Eastern,	11	2 50	27 50
				\$159 50
SPRING TERM.				
John W. Beaty,	Western and Conant Street,	12	4 50	\$54 00
J. H. Dearborn,	High and Grammar,	12	4 00	48 00
Henry Harvender,	Center,	12	2 50	30 00
Geo. C. Hill,	Johnson Street,	12	1 00	12 00
John W. Holway,	Eastern,	12	2 50	30 00
				\$174 00
FALL TERM.				
John W. Beaty,	Western and Conant Street,	14	4 50	\$63 00
J. H. Dearborn,	High and Grammar,	14	4 00	56 00
Henry Harvender,	Center,	14	2 50	35 00
Geo. C. Hill,	Johnson Street,	14	1 00	14 00
John W. Holway,	Eastern,	14	2 50	35 00
				\$208 00

FUEL.

A. T. Williams, 11 tons coal, \$5.37,	\$61 27
J. D. Hilliard, 90 1550-2000 tons coal, \$5.33,	52 10
J. D. Hilliard, 76 1110-2000 tons coal, \$5.54,	424 11
A. T. Williams, wood,	20 15
	<hr/>
	\$557 63

MISCELLANEOUS.

H. Shortle, superintendent,	\$350 00
Howard F. Hopkins, printing,	1 25
	<hr/>
	\$351 25

RECAPITULATION.

Massachusetts School Fund,	\$610 62	
Appropriation,	8,600 00	
	<hr/>	\$9,210 62
Teachers' salaries,	7,171 29	
Janitors' salaries,	536 50	
Fuel,	557 63	
Superintendent's salary,	350 00	
Printing,	1 25	
Balance in treasury,	593 95	
	<hr/>	<hr/>
	\$9,210 62	\$9,210 62

RECOMMENDATIONS.

For Public Schools,	\$8,600 00
School Incidentals,	400 00
Schoolhouse Repairs,	400 00
Free Text Book and Supplies,	700 00

Respectfully submitted,

HENRY SHORTLE,
A. T. WILLIAMS,
A. P. HANNUM.

School Committee.

LIST OF JURORS OF THE TOWN OF PROVINCETOWN.

REVISED BY THE SELECTMEN, JANUARY 23, 1890.

Alexander, Robert G.	Hilliard, John D.
Atkins, James S.	Hudson, William S.
Atwood, Joseph S.	Johnson, George F.
Atwood, Stephen F.	Kennedy, Andrew
Baxter, Robert D.	Knowles, George O.
Bell, John	Knowles, Otis M.
Brown, Reuben F.	Livermore, John H.
Burkett, Charles W.	Lancy, Benjamin
Chase, Frank	Little, Jonathan H.
Cook, Elisha H.	Lewis, Bangs A.
Cook, Walter S.	Lewis, Daniel F.
Cook, Jonathan Y.	Lewis, George H.
Cook, Joseph W.	Manta, Joseph
Cook, James D.	Miller, Francis S.
Cook, Heman S.	Miller, George F.
Cowing, Henry W.	Martin, John L.
Collins, Jonathan	Nickerson, Lemuel F.
Curren, William	Paine, Francis A.
Crocker, Benjamin T.	Paine, Lysander N.
Dearborn, J. Harvey	Paine, Edwin N.
Dyer, Isaac A.	Pidgeon, John
Ewell, Seneca G.	Rich, David
Freeman, George W.	Rich, James E.
Freeman, John E.	Rich, Jeremiah A.
Fuller, Charles A.	Rich, John L.
Garland, John	Roberts, William
Gifford, Nathaniel N.	Reed, James A.

Small, Alexander G.
Small, Daniel F.
Small, James A.
Smith, Freeman A.
Smith, Jerome S.
Smith, Wm. M.
Smith, Simeon C.
Small, Joshua T.
Snow, Reuben S.
Sparrow, Harvey O.

Sparks, Thomas W.
Sumner, Josiah T.
Swift, John N.
Swift, Josiah
Taylor, Thomas S.
Watson, George W.
Whitcomb, John G.
Whorf, Amos F.
Williams, Frederick E.
Young, Alpheus W.

Total number seventy-four, agreeable to section six, chapter one hundred and seventy Public Statutes.

MARSHALL L. ADAMS,
JAMES A. SMALL,
THOMAS LEWIS,
Selectmen of Provincetown.

TOWN WARRANT.

BARNSTABLE, SS.

To either of the Constables of the Town of Provincetown in said County.

GREETING:

In the name of the Commonwealth of Massachusetts, you are hereby required to notify and warn the inhabitants of the Town of Provincetown qualified to vote as the law directs to meet at the Town Hall, on Monday the tenth day of February current at nine o'clock in the forenoon, it being the second Monday of said month, for the following purposes, to wit:

1. To choose a moderator to preside in said meeting.
2. To choose a town clerk and treasurer.
3. To hear and act upon the reports of the town officers and committees.
4. To see if the town will authorize the treasurer to hire money under the direction of the selectmen for current expenses in anticipation of taxes.
5. To take action on the list of jurors as prepared by the selectmen, and posted according to law.
6. To see if the town will authorize the collector of taxes to use all means of collecting the same which a town treasurer when appointed collector may use.
7. To see what rate of discount the town will allow for the prompt payment of taxes, and what rate of interest they will charge delinquents the current year.
8. To see what action the town will take in regard to the collection of taxes.
9. To see if the town will vote to accept the new roads laid out by its selectmen, a report of which is filed with the town clerk according to law.
10. To see if the town will authorize its selectmen to enlarge

the eastern cemetery by the purchase of land on the north east and north west sides and to appropriate the money for the same.

11. To see if the town will cause four street lights to be placed on Franklin Street, north of Bradford Street.

12. To see if the town will place a street light at the corner of Court Street and Gifford's Lane.

13. To see if the town will purchase one street light and place the same on Pleasant Street between the estates of Isaac Small and Reuben W. Rich.

14. To see if the town will purchase one street light and cause the same to be placed on Court Street near the residence of the heirs of Joshua Nickerson.

15. To see if the town will place a street light at the corner of Nickerson and Bradford Streets.

16. To see what action the town will take for the protection of the county road at the east end of the town.

17. To see if the town will appropriate a sufficient sum of money to maintain a night watch from the adjournment of the annual meeting of February, 1890, to February 15, 1891.

18. To see if the town will appoint a committee to report a list of by-laws for the town, and a code of rules for the guidance of the annual meetings.

19. To see if the town will instruct the Selectmen to petition the General Court of Massachusetts for the legislation necessary to release to the Town of Provincetown and the owners of land therein, the title of the Commonwealth of Massachusetts to any land within the limits of said town, and will appropriate a sum of money therefor.

20. To choose the following officers by ballot, viz.:

- One Selectman and Assessor for 3 years.
- One Overseer of the Poor for 3 years.
- One School Committee for 3 years.
- Three Trustees of the Public Library for 3 years.
- One Trustee of the Public Library for 2 years.
- A Tax Collector for 1 year.
- Five Constables for 1 year.
- A Board of Health for 1 year.
- An Auditor for 1 year.

Also to give in their votes "Yes or No" in answer to the question, "Shall licenses be granted for the sale of intoxicating liquors in this town?" on a separate ballot. Also to elect by nomination three fence viewers, a beach grass committee of three, three surveyors of wood, bark and lumber, one field driver, a pound keeper, and a monument committee. •

21. To appropriate such sums of money as may be required to defray the expenses of the town for the ensuing year.

And you are directed to serve this warrant by posting up one attested copy thereof, at the Post Office in said town, seven days at least before the time for holding said meeting.

Hereof fail not, and make due return of this warrant, with your doings thereon to the selectmen or town clerk, at the time and place of meeting as aforesaid.

Given under our hands this first day of February in the year one thousand eight hundred and ninety.

MARSHALL L. ADAMS,
JAMES A. SMALL,
THOMAS LEWIS,

Selectmen of Provincetown.

A true and attested copy.

JOSEPH WHITCOMB,
Constable for the Town of Provincetown.