

**STATE OF NEVADA**

**BIENNIAL REPORT**

**OF THE**

**ORPHANS' HOME DIRECTORS**

**AND**

**REPORT OF THE SUPERINTENDENT**

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**1911=1912**

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**CARSON CITY, NEVADA**

**STATE PRINTING OFFICE . . . JOE FARNSWORTH, SUPERINTENDENT**

**1913**

## LIST OF OFFICERS

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### BOARD OF DIRECTORS

HON. CHAS. L. DEADY, Surveyor-General, *President* ..... Carson City  
HON. WM. McMILLAN, State Treasurer ..... Carson City  
HON. J. E. BRAY, Superintendent of Public Instruction, *Secretary*..... Carson City

### HOME OFFICIALS

J. E. McKINNON, *Superintendent* ..... Carson City  
MRS. FLORENCE McKINNON, *Matron* ..... Carson City

## BIENNIAL REPORT

*To the Honorable the Legislature of the State of Nevada.*

**GENTLEMEN:** In accordance with statute, the undersigned, the Directors of the State Orphans' Home, herewith submit their report and that of the Superintendent of the Home for the years 1911 and 1912.

The Home is now and has been for the past two years under the immediate management of Mr. J. E. McKinnon and wife, respectively Superintendent and Matron, who have earnestly endeavored to supply the place of father and mother to the children under their care.

The children are comfortably clothed and supplied with an abundance of good wholesome food. They are kindly treated and trained. Under the law passed by the Legislature of 1911, they are being educated in the Carson public schools, and the change has been very beneficial to the children. Association in the schools and on the playground with the children of the city has developed in them originality and confidence and largely stimulated a desire for improvement. A report on the work and progress of the children in the Carson City schools by the City Superintendent of Schools is appended.

As stated in our last report, there has been no instruction for the boys in industrial and manual training since 1887, and they go out from the Home at 16 with very little knowledge of a practical character. The boys should be taught trades of some kind, so that they may use their heads and their hands to advantage in their after life. The girls have not had sufficient provision made for them in the matter of training for the various features of good housekeeping.

In many respects the Indian children in the Government schools have great advantage over the boys and girls in the Home, for they are all instructed in trades of different kinds.

The practical instruction desired will cost something additional to the book instruction now given; but is it not the duty of the State to see that these dependent children shall be so trained that they may go out from the Home properly equipped for good and self-supporting citizenship?

There has been a considerable decrease in the number of nonorphan children in the Home since our last report. This decrease has been due principally to two causes: Placing children in desirable homes or restoring them to parents or other relatives who would properly care for them; and changing the rates of maintenance.

During the last two years forty-seven nonorphans have been placed out with their parents, other relatives or with responsible citizens. Many of these were, upon investigation, found to be children whose parents had left Nevada and were living in other States, were able to take care of

their children and were persuaded by the board that it was their duty to do so. In all other cases the children were placed out at the request of those who took them, and after the board was satisfied the children would be well cared for and educated. Reports since received from the various homes into which these children were sent, show very satisfactory conditions in all cases.

Early in the year 1911 it was brought to the attention of the board that the rates charged for the maintenance of nonorphan children were unreasonably low. The cost of maintenance, as shown by Superintendent Josephs's report two years ago, was at least \$21 per month per child, while the rates charged by the board had varied from \$5 per month to \$7.50 and \$10, though only two or three were on the latter rate.

The result was that the Home was overcrowded, having nearly 100 children, only nine of whom were full orphans and whose parents in many cases could then well afford to care for them at home.

On March 30, 1911, the board decided that the rates were too low, and that they should be raised and placed upon a more definite basis and somewhat adjusted to the number of children in the Home from each family. It was decided to make the rate \$15 per month, where there was only one from a family; and \$12.50 for each where there were two or more from a family. The new rate as thus fixed was to go into effect July 1, 1911, except that all children admitted after April 1, 1911, were to be charged to the counties at the new rate from that date. The secretary of the board was instructed to notify all Boards of County Commissioners of the changed rates.

Prior to July 1 the Superintendent of the Home was instructed by the board not to send out bills for the maintenance of the children at the new rates until so directed by the board, as some modification of the order of March 30 was in contemplation. And, after further consideration of the matter for some months, the following schedule was adopted as the rates to be charged, the same to date back to July 1, 1911. On these rates the counties, with two exceptions, have been paying promptly—the two exceptions paying in part on the old rates and receiving credit on account until the matter shall be adjusted in the courts:

For 1 child from a family .....	\$10.00
For 2 children from a family .....	16.00
For 3 children from a family .....	20.00
For 4 children from a family .....	24.00
For 5 children from a family .....	30.00

The foregoing rates are considerably less than half the actual cost of maintenance, and the board consider them very reasonable, though they have been criticized not a little therefor in the public press. We have acted in the premises with an eye single to the well-being of the children under our charge and of the State. The reasonableness and propriety of our action we now refer to the considerate judgment of your honorable body.

The general health of the children at the Home has been good. Doctor Maclean, the Home physician, has given the children careful attention and good service, and his work supplemented by zealous care and excellent nursing on the part of the Matron and her assistants has kept the children in reasonably good condition. Dr. Maclean's report on health and water supply conditions at the Home is appended.

**RECOMMENDATIONS**

We respectfully ask for an appropriation of thirty-two thousand (32,000) dollars for maintenance for the years 1913 and 1914. This is \$10,000 less than allowed two years ago.

We recommend that Carson School District be allowed five hundred (500) dollars yearly as an addition to the present allowance of one thousand (1,000) dollars, beginning with September, 1913, provided that the children of the Home shall be efficiently instructed in manual and domestic arts as an essential part of their education in the schools of said district. This is very much less than this work could be properly done for by the State directly.

We recommend that the sum of one hundred (100) dollars be appropriated for necessary library books for use of the Home children.

The improvements, repairs and furnishings authorized by the Legislature of 1911 have been made so far as the same could be done to advantage; and the buildings, in the main, are now in fairly good condition, though some further improvements are still needed.

The roofs of some of the barns and sheds need more or less repairing; a portion of the line fence needs rebuilding, and other fences need repairing and painting; a suitable refrigerator is needed in the storeroom of the main building for proper keeping of meats and other perishable foods in warm weather; and the woodwork, walls and ceilings of the interior of the main building need painting and calcimining, nothing having been done thereon in these respects since the completion of the building in 1903. The improvements named in this paragraph will cost in the neighborhood of two thousand five hundred (2,500) dollars, and we recommend that they be made.

Respectfully yours,

C. L. DEADY, *President,*

WM. McMILLAN,

JOHN EDWARDS BRAY, *Secretary,*

*Board of Directors State Orphans' Home.*

# REPORT OF SUPERINTENDENT

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*To the Honorable Board of Directors of the State Orphans' Home.*

GENTLEMEN: I herewith submit to you the biennial report of the State Orphan's Home, its management and expenses for the years 1911-1912. It has been arranged in tabular form, showing in detail what has been received and how the funds entrusted to our care have been expended.

## **APPROPRIATION AND IMPROVEMENT**

The sum of \$7,775 was appropriated by the last Legislature for improvements, repairs, furniture, etc. It has been spent judiciously under your direction, by installing a pneumatic water system, fire protection, furniture, carpets, etc. All the buildings have been repaired and repainted, also the fences and outbuildings. Two steel fire-escapes have been constructed, one leading from the boys' dormitory and one from the girls' dormitory. These afford ample means of exit in case of fire. Fire hose has been placed on both floors of the main building and hand grenades have been provided for emergencies. Fire hydrants have been properly placed in the yard and 200 feet of two-inch hose has been provided for outside use.

## **SCHOOL CONDITIONS**

The change in the plans of schooling for the orphans, provided by the Legislature of two years ago, whereby they were to attend the Carson public schools, instead of being trained by teachers at the Home, has proved very beneficial in various ways to the children.

## **MANUAL TRAINING**

Under the instruction of the Board of Directors, farming, to a small extent, was taken up, and our overseer, Mr. J. Ruedy, has been very patient in instructing the boys how to grow alfalfa, vegetables, flowers, etc.

The farm and garden crops for the years 1911-1912, as shown in table, have aggregated in value \$1,496.75. This work is well worth while financially, and the training has been especially beneficial to the boys.

# TABULAR STATEMENTS

Category	1917	1918	1919	1920	1921	1922	1923	1924	1925	Total
Salaries	41,781.35	47,760.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	441,741.35
Wages	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	9,000.00
Expenses	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	90,000.00
Interest	500.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00	4,500.00
Depreciation	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	9,000.00
Other	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	9,000.00
<b>Total</b>	<b>45,281.35</b>	<b>61,260.00</b>	<b>63,000.00</b>	<b>63,000.00</b>	<b>63,000.00</b>	<b>63,000.00</b>	<b>63,000.00</b>	<b>63,000.00</b>	<b>63,000.00</b>	<b>517,241.35</b>
Income	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	90,000.00
Expenses	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	90,000.00
Surplus	35,281.35	51,260.00	53,000.00	53,000.00	53,000.00	53,000.00	53,000.00	53,000.00	53,000.00	427,241.35

TABLE No. 1  
Statement of Receipts and Disbursements of the Nevada State Orphans' Home for the Year 1925

**TABLE No. 1**  
**Showing yearly and monthly expenses of the State Orphans' Home for 1911-1912**

Months	Groceries and provisions	Dry goods	Meats	Clothing	Boots and shoes	Wood and coal	Crockery and hardware	Live stock	Garden and field
<i>1911</i>									
January .....	\$675.17	\$86.74	\$61.20	\$34.25	\$131.35			\$65.09	
February .....	704.17	67.90	76.00	44.85	232.46				
March .....	473.91	115.04	83.95	89.90	105.95	\$42.50	\$6.60	64.39	
April .....	541.39	50.71	80.37	22.60	77.00	435.95	6.66	197.76	
May .....	613.61	48.91	99.10	57.75	74.10	40.00		24.81	
June .....	593.89	55.36	111.45	122.80	72.25			103.36	\$28.65
July .....	317.22	49.39	65.05	58.60	79.30	366.00		20.59	4.75
August .....	506.74	36.02	72.00	80.30	73.80	478.89		24.68	20.30
September .....	287.95	35.20	55.90	170.00	148.75			11.72	11.60
October .....	421.28	4.35	30.25	266.25	54.15			3.80	6.75
November .....	366.08	105.56	86.80	219.90	64.00	230.38		20.45	
December .....	417.47	81.47		72.85	64.00		27.42		
Totals .....	\$5,918.88	\$736.65	\$822.07	\$1,240.05	\$1,177.11	\$1,593.72	\$137.16	\$883.23	\$72.05
<i>1912</i>									
January .....	\$448.07	\$90.29	\$72.50	\$72.15	\$86.55	\$273.90	\$13.05	\$7.25	
February .....	267.54	74.63	81.75		81.85		11.95		
March .....	308.67	62.49	73.65	41.35	104.45		33.49	45.55	
April .....	286.49	63.98	79.60	9.50	88.65		21.05	37.50	
May .....	219.02	70.63		169.10	74.70	334.89	11.87	16.45	
June .....	359.81	25.63	63.22	35.25	99.65	17.50	7.90	35.25	\$3.75
July .....	272.24	54.59	124.60	4.50	88.60		76.30	157.95	9.00
August .....	150.18	46.57	39.20	20.75	62.95				
September .....	266.54	61.75	33.60	31.30	40.30	832.80	13.90	32.50	7.55
October .....	266.92	25.90		20.00	88.50		4.95		5.00
November .....	192.39	32.85	87.15	94.30	73.50		7.45		
December .....	266.50	41.53		31.50	39.55			32.50	
Totals .....	\$3,304.37	\$650.84	\$684.15	\$529.70	\$929.25	\$1,459.09	\$201.91	\$363.95	\$25.30

TABLE NO. 1—Continued

Months	Repairs and improve- ments	Furniture and bedding	School	Drugs, medi- cines and medical attendance	Power and light	Salaries	Miscella- neous	Totals
<i>1911</i>								
January			\$10.15	\$9.50	\$56.90	\$657.50	\$84.35	\$1,872.15
February	\$2.75		8.75	439.30	55.95	675.00	727.05	3,040.78
March	22.20		15.40	76.15	52.80	725.00	143.40	2,010.59
April	12.95		2.50	35.40	56.90	762.50	50.15	2,332.84
May	54.90		71.70	71.70	105.11	774.50	19.85	2,020.03
June	529.52	\$15.10	2.60	27.80	50.00	787.65	27.20	2,548.22
July			24.43	18.25	47.30	675.00	68.73	2,096.07
August			13.61	20.40	50.90	546.65	38.55	1,949.88
September	879.12		82.35	36.85	75.35	717.50	35.25	2,572.12
October		12.30	58.62	13.20	54.15	638.75	18.40	1,598.80
November			15.35	17.44	51.45	623.25	80.90	1,888.53
December	10.02	9.60	894.85	27.10	51.00	670.00	86.59	1,862.45
Totals	\$1,511.46	\$37.00	\$628.61	\$793.09	\$707.81	\$8,253.30	\$1,380.37	\$25,892.56
<i>1912</i>								
January	\$38.05		\$8.25	\$31.20	\$56.25	\$740.45	\$67.85	\$2,005.81
February	13.00	\$35.75	21.40	41.22	51.55	722.00	197.55	1,800.19
March	3.50		370.12	30.15	56.35	667.50	28.55	1,824.82
April	108.34		28.80	32.55	49.85	635.00	27.47	1,468.78
May	13.45	28.50	5.25	5.15	53.30	685.00	34.80	1,672.11
June	26.20			49.55	50.05	681.00	26.64	1,431.40
July	21.88	6.10	333.30	21.65	64.65	680.00	31.90	1,897.26
August	83.41			3.75	56.30	595.00	23.65	1,081.76
September	63.52		65.84	6.30	56.35	610.00	40.65	2,162.90
October			14.25	13.09	49.20	610.00	17.25	1,114.97
November	16.75	8.40	4.20		49.60	610.00	61.75	1,238.34
December	43.35		359.60	34.70	48.25	610.00	114.71	1,651.07
Totals	\$431.45	\$78.75	\$1,230.83	\$249.40	\$641.70	\$7,695.95	\$672.77	\$19,149.41

TABLE No. 2

Statement of all appropriations, expenditures, and unexpended balances of the different funds

1911-1912: Appropriations for—	Jan. 1, 1911	1911-1912	Dec. 31, 1912
	Amount	Expended	Unexpended balance
Superintendent and Matron .....	\$4,800.00	\$4,800.00	
Salary of teachers .....	2,600.00	780.00	\$1,820.00
Salary of physician .....	1,800.00	1,575.00	225.00
General support .....	42,000.00	36,553.62	5,446.38
Tuition of children at public schools .....	2,000.00	1,333.35	666.65
Pneumatic water system .....	3,000.00	2,914.45	85.55
Fire escapes .....	800.00	642.46	157.54
Linoleum .....	1,400.00	1,400.00	
Carpets and furniture .....	675.00	675.00	
Purchase of piano .....	300.00	253.00	47.00
Purchase of periodicals .....	100.00		100.00
Repairs and improvements .....	1,500.00	1,390.12	109.88
<b>Totals .....</b>	<b>\$60,975.00</b>	<b>\$52,317.00</b>	<b>\$8,658.00</b>

TABLE No. 3

Account with State Treasurer

1911—Paid State Treasurer for board of children .....	\$2,616.75
1912—Paid State Treasurer for board of children .....	4,599.25
1911—Paid State Treasurer for sale of live stock .....	18.00
1912—Paid State Treasurer for sale of live stock and sundries .....	148.15
<b>Total .....</b>	<b>\$7,382.10</b>

NOTE—December 31, 1912: In making up my report, I find that the following counties owe the State for care of children:

Ormsby County .....	\$1,131.00
Washoe County .....	515.00
Esmeralda County .....	128.00

TABLE No. 4

Showing the amount of stock and produce on hand December 31, 1912

Milk cows .....	10
Heifers .....	1
Calves .....	2
Bull .....	1
Pigs .....	18
Hogs .....	5
Chickens .....	44
Horses .....	1
Coal, tons .....	20
Wood, cords .....	30
Hay, tons .....	22
Groceries, canned fruit, etc., value .....	\$235.50
<i>Supplies on hand</i>	
Shoes, clothing, underwear, dry goods and other necessities .....	\$193.25

**TABLE NO. 5**

**Showing the amount of milk produced, hay and vegetables grown, sale of stock, its expenses, value and profit**

1911		
Average number of cows milked .....	10	
Average number of gallons per day .....	24	
Number of gallons for the year .....	8,760	
Value of milk for the year at 20 cents per gallon .....		\$1,752.00
Stock exchanged and traded .....		274.20
Value of potatoes and garden truck raised .....		395.00
Value of butter made and consumed .....		39.50
Value of live stock consumed .....		18.00
Value of alfalfa and oats raised .....		300.00
<b>Total value</b> .....		<b>\$2,778.70</b>
<b>Expense of live stock</b> .....		<b>\$882.23</b>
<b>Expense of raising alfalfa, oats, potatoes and garden truck</b> .....		<b>72.05</b>
<b>Total expense</b> .....		<b>\$954.28</b>
<b>Profit</b> .....		<b>\$1,824.42</b>
1912		
Average number of cows milked .....	8	
Average number of gallons per day .....	19	
Number of gallons for the year .....	6,935	
Value of milk for the year at 20 cents per gallon .....		\$1,387.00
Stock exchanged and traded .....		375.53
Value of potatoes and garden truck raised .....		410.00
Value of butter made and consumed .....		63.00
Value of live stock consumed .....		65.25
Value of alfalfa and oats raised .....		300.00
<b>Total value</b> .....		<b>\$2,600.78</b>
<b>Expense of live stock</b> .....		<b>\$263.85</b>
<b>Expense of raising alfalfa, oats, potatoes and garden truck</b> .....		<b>79.25</b>
<b>Total expense</b> .....		<b>\$343.10</b>
<b>Profit</b> .....		<b>\$2,257.68</b>

TABLE No. 6  
Register of inmates of the Home during 1911-1912

No.	Name	Sex	Age	Birthplace	Grade	Date of admission	From what county
1	Beetschen, John F.	Male	8	Wisconsin	Half orphan	March 12, 1907	
2	Brown, Chas. L.	Male	9	Nevada	Full orphan	April 12, 1908	Ormsby
3	Brown, Florence J.	Female	8	Nevada	Full orphan	April 12, 1908	Storey
4	Brown, Alice M.	Female	5	Nevada	Full orphan	April 12, 1908	Storey
5	Byrne, Nevada	Female	12	Nevada	Half orphan	January 20, 1909	Washoe
6	Byrne, Edith	Female	11	Nevada	Half orphan	January 20, 1909	Washoe
7	Berry, Jas. W.	Male	13	Nevada	Parents living	November 22, 1911	Ormsby
8	Berry, Oscar	Male	11	Nevada	Parents living	November 22, 1911	Ormsby
9	Berry, Geo. H.	Male	7	Nevada	Parents living	November 22, 1911	Ormsby
10	Berry, Clarence	Male	5	Nevada	Parents living	November 22, 1911	Ormsby
11	Berry, Ollie	Female	9	Nevada	Parents living	November 22, 1911	Ormsby
12	Banbrick, Marie	Female	12	Nevada	Full orphan	September 23, 1909	Ormsby
13	Banbrick, Harrison B.	Male	9	Nevada	Full orphan	September 23, 1909	White Pine
14	Byrne, James G.	Male	8	Nevada	Parents living	October 3, 1909	White Pine
15	Byrne, Earl	Male	10	Nevada	Parents living	October 3, 1909	Washoe
16	Cameron, Earl	Male	14	Idaho	Parents living	October 24, 1907	Washoe
17	Cameron, Vera	Female	13	Nevada	Parents living	October 24, 1907	Washoe
18	Cameron, Elva	Female	11	Wyoming	Parents living	October 24, 1907	Washoe
19	Clauson, Hazel	Female	12	Colorado	Half orphan	July 18, 1908	Washoe
20	Clauson, Emma	Female	9	Colorado	Half orphan	July 18, 1908	Nye
21	Couillard, Josephine A.	Female	13	Nevada	Half orphan	December 13, 1908	Nye
22	Couillard, Damas	Male	8	Nevada	Half orphan	December 13, 1908	Ormsby
23	Davis, Thomas F.	Male	14	Nevada	Half orphan	August 16, 1910	Ormsby
24	Davis, Elinor Maud	Female	9	Nevada	Half orphan	August 16, 1910	Storey
25	Dunning, Elwin	Male	5	California	Full orphan	September 23, 1910	Storey
26	Donnelly, F. J.	Male	9	Missouri	Parents living	September 7, 1912	Esmeralda
27	Foster, Tiny	Female	17	Nevada	Full orphan	October 2, 1909	Churchill
28	Foster, Agnes	Female	11	Nevada	Full orphan	October 2, 1909	Lander
29	Glock, Madeline Mary	Female	14	Nevada	Full orphan	October 2, 1909	Lander
30	Glock, August Julian	Male	13	Nevada	Parents living	November 14, 1908	Douglas
31	Glock, Alexander	Male	10	Nevada	Parents living	November 14, 1908	Douglas
32	Huntington, Claud E.	Male	11	California	Parents living	November 14, 1908	Douglas
33	Hazlett, Mabel H.	Female	17	Nevada	Half orphan	June 7, 1907	Washoe
34	Hazlett, George A.	Male	13	Nevada	Half orphan	August 6, 1907	Washoe
35	Holman, Thomas	Male	8	Nevada	Half orphan	August 6, 1907	Washoe
36	Jones, Rosie	Female	17	Nevada	Half orphan	March 14, 1909	Washoe
37	Jones, Lloyd	Male	13	Nevada	Half orphan	May 15, 1907	Washoe
38	Jones, Mary	Female	11	Nevada	Half orphan	May 15, 1907	Washoe
39	Jones, Samuel	Male	10	Nevada	Half orphan	May 15, 1907	Washoe
40	Kelly, Alicia Palmer	Female	16	Nevada	Half orphan	January 7, 1909	Washoe
41	Kelly, Margarete	Female	14	California	Half orphan	January 7, 1909	Storey
42	Kell, Clay P.	Male	13	Nevada	Full orphan	April 24, 1910	Storey
43	Lichtenberg, Dorris M.	Female	13	Nevada	Half orphan	January 27, 1909	White Pine
44	Lichtenberg, Edna K.	Female	9	Nevada	Half orphan	January 27, 1909	Storey

45	Lichtenberg, Delman F.	Male	6	Nevada	Half orphan	January 27, 1909	Storey
46	McReary, Raymond	Male	13	Nevada	Full orphan	August 31, 1904	Washoe
47	McKenzie, Howard	Male	8	Nevada	Parents living	April 12, 1908	Storey
48	McGonigill, Laura E.	Female	12	California	Parents living	August 3, 1909	Nye
49	McGonigill, James H.	Male	8	Nevada	Parents living	August 3, 1909	Nye
50	McGonigill, Margarite A.	Female	6	Nevada	Parents living	August 3, 1909	Nye
51	McFadden, Louis Earl	Male	15	California	Half orphan	February 12, 1910	Washoe
52	McFadden, Arthur Elmer	Male	11	California	Half orphan	February 12, 1910	Washoe
53	Monroe, George W.	Male	12	California	Half orphan	August 12, 1910	Ormsby
54	Monroe, Frances C.	Female	9	California	Half orphan	August 12, 1910	Ormsby
55	Monroe, Ruby Alice	Female	7	California	Half orphan	August 12, 1910	Ormsby
56	Monroe, Walter W.	Male	4	Nevada	Half orphan	August 12, 1910	Ormsby
57	Nelson, Helen Augusta	Female	10	Colorado	Parents living	December 7, 1909	Washoe
58	Neff, Edna E.	Female	17	Michigan	Half orphan	April 12, 1906	Washoe
59	Neff, Lillian M.	Female	15	Michigan	Half orphan	April 12, 1906	Washoe
60	Neff, Floyd S.	Male	11	Michigan	Half orphan	April 12, 1906	Washoe
61	Neff, Orville C.	Male	9	Nevada	Half orphan	April 12, 1906	Washoe
62	Neil, Florence E.	Female	10	Texas	Parents living	August 9, 1907	Esmeralda
63	Neil, William S.	Male	6	Nevada	Parents living	August 9, 1907	Esmeralda
64	Proffit, Waldo	Male	12	Nevada	Half orphan	September 29, 1906	Washoe
65	Riehl, Edna	Female	14	Nevada	Parents living	May 26, 1903	Ormsby
66	Riehl, Irma	Female	11	Nevada	Parents living	October 15, 1903	Ormsby
67	Riehl, Elsmore	Male	9	Nevada	Parents living	May 19, 1906	Ormsby
68	Rommel, Edward	Male	10	California	Parents living	February 23, 1909	Esmeralda
69	Ruf, William J. Bryan	Male	16	California	Full orphan	September 25, 1909	Washoe
70	Ruf, Chas. A.	Male	12	Utah	Full orphan	September 25, 1909	Washoe
71	Strain, Robert E.	Male	12	Colorado	Half orphan	January 31, 1911	Humboldt
72	Strain, Carl	Male	10	Colorado	Half orphan	January 31, 1911	Humboldt
73	Strain, Pearl	Female	14	Colorado	Half orphan	January 31, 1911	Humboldt
74	Shultz, Ellen	Female	19	Nevada	Half orphan	January 12, 1901	Ormsby
75	Shultz, Agnes	Female	14	Nevada	Half orphan	February 4, 1909	Ormsby
76	Shingler, Maud	Female	17	Nevada	Full orphan	October 12, 1901	Eureka
77	Souter, Ethel Lou	Female	15	Oregon	Half orphan	June 11, 1908	Ormsby
78	Souter, Leonard Ray	Male	12	Washington	Half orphan	June 11, 1908	Ormsby
79	Sullivan, Leonard	Male	14	Nevada	Half orphan	June 11, 1908	Ormsby
80	Sullivan, Gracie	Female	13	Nevada	Half orphan	September 6, 1908	Storey
81	Sullivan, Frank	Male	11	Nevada	Half orphan	September 6, 1908	Storey
82	Sullivan, Irene	Female	9	Nevada	Half orphan	September 6, 1908	Storey
83	Sullivan, Dorothy	Female	6	Nevada	Half orphan	September 6, 1908	Storey
84	Stewart, Alfonso	Male	13	Nevada	Half orphan	April 27, 1909	Ormsby
85	Stewart, Eleanora	Female	11	Nevada	Half orphan	April 27, 1909	Ormsby
86	Stewart, Ruby	Female	8	Nevada	Half orphan	April 27, 1909	Ormsby
87	Stewart, Robert	Male	5	Nevada	Half orphan	April 27, 1909	Ormsby
88	Stocks, Gwendola	Female	13	Utah	Parents living	April 4, 1910	Nye
89	Tamagni, Eddy	Male	8	Nevada	Parents living	May 29, 1907	Lyon
90	Tamagni, Harry	Male	7	Nevada	Parents living	May 29, 1907	Lyon
91	Tessori, Alice Josephine	Female	13	California	Half orphan	June 9, 1907	Washoe
92	Thompson, Minnie B.	Female	16	California	Half orphan	August 3, 1909	Nye
93	Thompson, Myrtle E.	Female	15	California	Half orphan	August 3, 1909	Nye
94	Taylor, Chas. E.	Male	9	Kansas	Parents living	July 22, 1910	Washoe
95	Walsh, Daniel C.	Male	17	Nevada	Half orphan	November 22, 1908	Storey
96	Walsh, William J.	Male	15	Nevada	Half orphan	November 22, 1908	Storey

**TABLE No. 7**  
**Register of inmates at the Home, December 31, 1912**

No	Name	Sex	Age	Birthplace	Grade	Date of admission	From what county
1	Brown, Chas. L.	Male	9	Nevada	Full orphan	April 12, 1908	Storey
2	Brown, Florence J.	Female	8	Nevada	Full orphan	April 12, 1908	Storey
3	Brown, Alice M.	Female	5	Nevada	Full orphan	April 12, 1908	Storey
4	Byrne, Nevada	Female	12	Nevada	Half orphan	January 20, 1909	Washoe
5	Byrne, Edith	Female	11	Nevada	Half orphan	January 20, 1909	Washoe
6	Banbrick, Marie	Female	9	Nevada	Full orphan	September 23, 1909	White Pine
7	Banbrick, Harrison B.	Male	12	Nevada	Full orphan	September 23, 1909	White Pine
8	Byrne, James G.	Male	8	Nevada	Parents living	October 3, 1909	Washoe
9	Byrne, Earl	Male	10	Nevada	Parents living	October 3, 1909	Washoe
10	Couillard, Josephine A.	Female	13	Nevada	Half orphan	December 13, 1908	Ormsby
11	Couillard, Damas	Male	8	Nevada	Half orphan	December 13, 1908	Ormsby
12	Davis, Thomas F.	Male	14	Nevada	Half orphan	August 16, 1910	Storey
13	Davis, Ethnor Maud	Female	9	Nevada	Half orphan	August 16, 1910	Storey
14	Dunning, Elwin	Male	5	California	Full orphan	September 23, 1910	Esmeralda
15	Donnelly, Fred J.	Male	9	Missouri	Parents living	September 7, 1912	Churchill
16	Foster, Agnes	Female	11	Nevada	Full orphan	October 2, 1909	Lander
17	Glock, Madeline Mary	Female	14	Nevada	Parents living	November 14, 1908	Douglas
18	Glock, August Julian	Male	13	Nevada	Parents living	November 14, 1908	Douglas
19	Glock, Alexander	Male	10	Nevada	Parents living	November 14, 1908	Douglas
20	Holman, Thomas	Male	8	Nevada	Half orphan	March 14, 1909	Washoe
21	Jones, Rosie	Female	17	Nevada	Half orphan	May 15, 1907	Washoe
22	Jones, Lloyd	Male	13	Nevada	Half orphan	May 15, 1907	Washoe
23	Jones, Mary	Female	11	Nevada	Half orphan	May 15, 1907	Washoe
24	Jones, Samuel	Male	10	Nevada	Half orphan	May 15, 1907	Washoe
25	Kelly, Alicia Palmer	Female	16	Nevada	Half orphan	January 7, 1909	Storey
26	Kelly, Margaret	Female	14	California	Half orphan	January 7, 1909	Storey
27	Kell, Clay P.	Male	13	Nevada	Parents living	April 24, 1910	White Pine
28	Lichtenberg, Dorris M.	Female	13	Nevada	Half orphan	January 27, 1909	Storey
29	Lichtenberg, Edna K.	Female	9	Nevada	Half orphan	January 27, 1909	Storey
30	Lichtenberg, Delman F.	Male	6	Nevada	Half orphan	January 27, 1909	Storey
31	McReary, Raymond	Male	13	Nevada	Full orphan	August 31, 1904	Washoe
32	Nelson, Helen Augusta	Female	10	Colorado	Parents living	December 7, 1909	Washoe
33	Neff, Lillian M.	Female	15	Michigan	Half orphan	April 12, 1906	Washoe
34	Neff, Lloyd S.	Male	11	Michigan	Half orphan	April 12, 1906	Washoe
35	Neil, Florence E.	Female	10	Texas	Parents living	August 9, 1907	Esmeralda
36	Neil, William S.	Male	6	Nevada	Parents living	August 9, 1907	Esmeralda
37	Riehl, Edna	Female	14	Nevada	Parents living	May 26, 1908	Ormsby
38	Riehl, Irma	Female	11	Nevada	Parents living	October 15, 1903	Ormsby
39	Riehl, Elsmore	Male	9	Nevada	Parents living	May 19, 1906	Ormsby
40	Rommel, Edward	Male	5	California	Parents living	February 23, 1909	Esmeralda

41	Ruf, William J. Bryan	Male	16	Colorado	Full orphan	September 25, 1909	Washoe
42	Ruf, Chas. A.	Male	12	Utah	Full orphan	September 25, 1909	Washoe
43	Shultz, Agnes	Female	14	Nevada	Half orphan	February 4, 1909	Ormsby
44	Sullivan, Leonard	Male	14	Nevada	Half orphan	September 6, 1908	Storey
45	Sullivan, Gracie	Female	13	Nevada	Half orphan	September 6, 1908	Storey
46	Sullivan, Frank	Male	11	Nevada	Half orphan	September 6, 1908	Storey
47	Sullivan, Irene	Female	9	Nevada	Half orphan	September 6, 1908	Storey
48	Sullivan, Dorothy	Female	6	Nevada	Half orphan	September 6, 1908	Storey
49	Taylor, Chas. E.	Male	9	Kansas	Parents living	July 22, 1910	Washoe

**TABLE No. 8**  
Children admitted to the Home during 1911-1912

No.	Name	Sex	Age	Birthplace	Grade	Date of admission	From what county
1	Berry, Jas. W.	Male	13	Nevada	Parents living	November 22, 1911	Ormsby
2	Berry, Oscar	Male	11	Nevada	Parents living	November 22, 1911	Ormsby
3	Berry, Ollie	Female	9	Nevada	Parents living	November 22, 1911	Ormsby
4	Berry, Geo. H.	Male	7	Nevada	Parents living	November 22, 1911	Ormsby
5	Berry, Clarence	Male	5	Nevada	Parents living	November 22, 1911	Ormsby
6	Strain, Pearl	Female	14	Colorado	Half orphan	January 31, 1911	Humboldt
7	Strain, Robert E.	Male	12	Colorado	Half orphan	January 31, 1911	Humboldt
8	Strain, Jas. C.	Male	10	Colorado	Half orphan	January 31, 1911	Humboldt
9	Donnelly, Fred J.	Male	9	Missouri	Parents living	November 21, 1912	Churchill

TABLE No. 9  
Inmates of the Home discharged during 1911-1912

No.	Name	Sex	Age	Grade	When discharged	When received	By whom taken out
1	Berry, Jas. W.	Male	13	Parents living	May 10, 1912	November 22, 1911	Father and mother, Virginia City
2	Berry, Oscar	Male	11	Parents living	May 10, 1912	November 22, 1911	Father and mother, Virginia City
3	Berry, Ollie	Female	9	Parents living	May 10, 1912	November 22, 1911	Father and mother, Virginia City
4	Berry, Geo. H.	Male	7	Parents living	May 10, 1912	November 22, 1911	Father and mother, Virginia City
5	Berry, Clarence	Male	5	Parents living	May 10, 1912	November 22, 1911	Father and mother, Virginia City
6	Beetschen, John F.	Male	8	Half orphan	May 14, 1912	March 12, 1907	Father and mother, Virginia City
7	Cameron, Earl	Male	14	Parents living	July 31, 1911	October 24, 1907	Father, Fallon
8	Cameron, Vera	Female	13	Parents living	May 1, 1912	October 24, 1907	Father, Beckwith, Cal.
9	Cameron, Elva	Female	11	Parents living	May 1, 1912	October 24, 1907	Father, Beckwith, Cal.
10	Clausen, Hazel	Female	12	Parents living	May 8, 1912	July 18, 1908	Father, Beckwith, Cal.
11	Clausen, Emma	Female	9	Parents living	April 15, 1912	July 18, 1908	Mother, Manhattan
12	Foster, Tiny	Female	17	Full orphan	June 15, 1912	October 2, 1909	Mrs. Cook, Jacks Valley
13	Huntington, Claud	Male	11	Half orphan	July 15, 1911	June 7, 1907	Wm. McMillan, Carson City
14	Hazlett, Mabel H.	Female	17	Half orphan	July 15, 1911	August 6, 1907	Geo. Perkins, Reno
15	Hazlett, Geo. A.	Male	13	Half orphan	July 15, 1911	August 6, 1907	Father, Reno
16	McKenzie, Howard	Male	8	Parents living	July 1, 1911	April 12, 1908	Father, Reno
17	McGonigill, Laura	Female	12	Parents living	August 15, 1912	August 3, 1909	Aunt, Virginia City
18	McGonigill, Jas. H.	Male	8	Parents living	August 15, 1912	August 3, 1909	Mother, Reno
19	McGonigill, Margaret	Female	6	Parents living	August 15, 1912	August 3, 1909	Mother, Reno
20	McFadden, Louis	Male	15	Half orphan	June 27, 1911	August 3, 1909	Mother, Reno
21	McFadden, Arthur	Male	11	Half orphan	June 27, 1911	February 12, 1910	Mother, Fresno, Cal.
22	Monroe, Geo. W.	Male	12	Half orphan	June 30, 1911	February 12, 1910	Mother, Fresno, Cal.
23	Monroe, Francis	Male	9	Half orphan	June 30, 1911	August 12, 1910	Mother, Big Pine, Cal.
24	Monroe, Rubie	Female	7	Half orphan	July 31, 1912	August 12, 1910	Mother, Big Pine, Cal.
25	Monroe, Walter	Male	4	Half orphan	July 31, 1912	August 12, 1910	Mother, Big Pine, Cal.
26	Neff, Orville	Male	9	Half orphan	February 14, 1912	April 12, 1906	Mother, Big Pine, Cal.
27	Neff, Edna	Female	17	Half orphan	May 16, 1911	April 12, 1906	Father, Reno
28	Proffitt, Waldo	Male	12	Half orphan	June 23, 1911	September 29, 1906	A. K. Merrit, Fallon
29	Schultz, Ellen	Female	18	Half orphan	February 28, 1912	January 12, 1901	Grandfather, Imperial Valley, Cal.
30	Shingler, Maud	Female	17	Full orphan	November 25, 1911	October 12, 1901	W. H. Blackwell, Carson City
31	Souter, Ethel	Female	15	Half orphan	December 31, 1911	June 11, 1906	Sister, Vallejo, Cal.
32	Souter, Leonard	Male	12	Half orphan	December 31, 1911	June 11, 1906	Mother, Ely
33	Stewart, Alfonso	Male	13	Half orphan	July 1, 1911	April 27, 1909	Mother, Ely
34	Stewart, Eleanora	Female	11	Half orphan	July 1, 1911	April 27, 1909	Mother, Carson City
35	Stewart, Ruby	Female	8	Half orphan	July 1, 1911	April 27, 1909	Mother, Carson City
36	Stewart, Robert	Male	12	Half orphan	July 1, 1911	April 4, 1910	Mother, Carson City
37	Stocks, Gwendola	Female	12	Parents living	May 27, 1911	April 27, 1909	Mother, Carson City
38	Tamagni, Eddy	Male	8	Parents living	September 1, 1911	May 29, 1907	Mother, Tonopah
39	Tamagni, Harry	Male	7	Parents living	September 1, 1911	May 29, 1907	Father, Yerington
40	Tessori, Alice	Female	13	Half orphan	February 1, 1912	June 9, 1907	Father, Yerington
41	Thompson, Minnie	Female	16	Half orphan	April 7, 1912	August 3, 1909	A. Canonica, Verdi
42	Thompson, Myrtle	Female	15	Half orphan	August 15, 1912	August 3, 1909	Mother, Reno
43	Walsh, Daniel	Male	16	Half orphan	June 30, 1911	November 22, 1908	Mother, Reno
44	Walsh, William	Male	15	Half orphan	June 30, 1911	November 22, 1908	Father, Virginia City
45	Strain, Pearl	Female	14	Half orphan	September 30, 1911	January 31, 1911	Father, Virginia City
46	Strain, Ellis	Male	12	Half orphan	September 7, 1912	January 31, 1911	Mother, Winnemucca
47	Strain, Carl	Male	10	Half orphan	September 7, 1912	January 31, 1911	Mother, Winnemucca

### POPULATION

The Home has been established forty-three years, during which time 815 children have been admitted and cared for.

Since the last report (December, 1910), 9 children have been admitted and 47 discharged. A number of these children were released, upon proper showing, to their parents, while a few were secured good homes in different places.

We have now 49 children in the Home, 25 boys and 24 girls, their ages ranging from 4 to 17 years.

The highest number of children in the Home at any one time during the past two years was 90.

The cost of maintaining the Home was \$45,041.97. This includes salaries of Superintendent, Matron, teachers, physician, and amount paid for education of children in the Carson public schools. The items named amount to \$8,488.35, which was paid out of special appropriations, as shown by Table No. 1 submitted in this report.

The average number of children maintained was 68 $\frac{3}{4}$ .

Cost of child per month, less salaries of Superintendent, Matron, physician, and education of children, was \$22.15.

Cost per child per month, including above-mentioned salaries and amount paid for schooling, was \$27.30.

I recommend an appropriation of \$32,000 for the maintenance of the Home for the years 1913-1914, and in addition to the above amount an appropriation of \$1,000 for necessary repairs and improvements, besides sufficient to pay the salaries of the Superintendent and Matron and for the education of children in the public schools.

I am sincerely grateful to you, gentlemen of the Board of Directors, for all your courtesies, for words of encouragement, and for advice and help given when difficult problems confront me.

Respectfully submitted,

J. E. MCKINNON,  
*Superintendent.*

## SCHOOL REPORT

CARSON CITY, NEVADA, December 14, 1912.

*To the Honorable Board of Directors of State Orphans' Home:*

Under the provisions of the legislative enactment of 1911, to place the children of the Nevada State Orphans' Home in the Carson City public schools, 58 children entered the Carson City public schools September 11, 1911. They were soon an integral part of the school in playground relationships, and because of their neatness and quiet manners were pleasantly accepted by the whole school as playmates and friends.

There was a very marked diffidence on the part of the children from the Home in classroom work, at first, some of which still persists; this is especially more noticeable when visitors are present in the room. But a quiet assurance has gradually grown manifest, so that without boldness there is increasing personal confidence.

The personal appearance of the children is a credit both to their training and the care and oversight exercised by those in charge of them. They are as neat and careful in their dress and personal appearance as the children from the well-to-do homes of Carson City.

In application, general interest in their studies, and in deportment the children from the Home have been in general reported as "very good," to "excellent." In the lower grades the application of these children was not on an equality with those in the upper classes. They were distinctly less industrious and earnest. The language and reading work in these lower classes was also below the average, but this has improved materially. In number work they have been very good. On the other hand, those in the upper classes of the school are very industrious and attentive and have done work above the average. The teachers have been uniformly pleased with their efforts and results. By a specially friendly interest in the children on the part of the teachers, fine working relations were soon established with the Home children, the children responding fully in every way.

Because of the difference in condition and course of study, upon entering the children were placed a half-year lower than they would have been in the Home classes as previously maintained. Some were able to take up the work in advance, and as this became manifest they were promoted at once.

Of the 53 children enrolled at the close of the first half-year 47 were promoted and 6 failed; five of these six failures were in the lowest grade where reading was very faulty and deficient. In June, 1912, at the close of the year there were but three failures, and the standings of those promoted were distinctly better.

The attendance has been regular and punctual. The regular diet and sleep regulations of the children has counted noticeably in favor of better work on the part of the children; the children of the same average capacity from Carson City homes, where indulgence toward the children by parents has resulted in less regular diet and sleeping hours, show lower mental activity and lessened interest in school duties.

"By their good work and good deportment, and by their willingness to do their very best at all times they have influence for good upon the rest of the pupils," is a report from one of the upper rooms.

To Mr. and Mrs. McKinnon of the Home, and to the Board of Directors of the Home, whose cooperation has been cordial and helpful, much credit is due for the successful working of this plan for the schooling of the children of the Home.

W. J. HUNTING,

City Superintendent Carson City Schools.

NEVADA, December 31, 1912.

To the Honorable Board of Orphans' Home Commissioners,  
 (I have the honor to submit for your consideration my report as physician to the Home for the past twenty months.)  
 The general health of the children has been good, although we had two epidemics, one of measles and one of whooping cough. There were no deaths and no serious sequelae with the exception of one case of pneumonia in the youngest Perry child, and this ended in a partial recovery. The child leaving the Home fairly well, but with a suspicious cough.  
 There have been three fracture cases—one of the leg and two of the arm—all of which made perfect recoveries.  
 I have had occasion to remove the tonsils and adenoids in eight cases, all successfully and with marked improvement in the general health of the children so treated; four were done under a general anesthetic (ether) and four under a local anesthetic (cocaine and adrenaline).  
 I have recently vaccinated 33 of the children and still have 10 or 15 to vaccinate as soon as I can obtain the vaccine.  
 It is interesting to note that of the 19 children in the Home only one had ever been vaccinated, and it is a source of wonder to me that there has never been an epidemic of smallpox there.  
 There has been what seemed to me an unusual number of cases of acute intestinal indigestion and I have endeavored to find a cause thereof but so far unsuccessfully.  
 I was at first inclined to suspect the water supply, but at my report the S. L. Co. had a sanitary survey made of the water supply and a chemical and bacteriological examination of the water itself made by Dr. F. Johnson of the State Hygienic Laboratory, and appended is a copy of his report which practically excludes that as the source.  
 I have gone to the Home many times during the past year and have looked rather carefully into the matters of the food and its preparation, but have always found the kitchen spotless and the food good and well prepared. So that I am forced to the conclusion that it is due to the faulty digestion so often found in institutional children.  
 I may say here that it is possible that the children, especially the younger ones, get too much fat and coffee, and I have spoken to the Station on this subject, but was informed that they have always had fat and coffee, and that the children themselves would object most strenuously to being deprived of either, and I think that perhaps it would be a better system to give them warm milk and fat-free coffee.  
 At the present time there is no child in the Home that needs special attention, but should be placed in an institution for children, but that cannot be taken care of at present, and the only child remaining in the Home and is a source of unnecessary worry and annoyance to the physicians.

## PHYSICIAN'S REPORT

CARSON CITY, NEVADA, December 31, 1912.

*To the Honorable Board of Orphans' Home Commissioners.*

GENTLEMEN: I have the honor to submit for your consideration my report as physician to the Home for the past twenty months.

The general health of the children has been good, although we had two epidemics, one of measles and one of whooping cough. There were no deaths and no serious sequelae with the exception of one case of pneumonia in the youngest Berry child, and this ended in a partial recovery, the child leaving the Home fairly well, but with a suspicious cough.

There have been three fracture cases—one of the leg and two of the arm—all of which made perfect recoveries.

I have had occasion to remove the tonsils and adenoids in eight cases, all successfully and with marked improvement in the general health of the children so treated; four were done under a general anesthetic (ether) and four under a local anesthetic (cocaine and adrenalin).

I have recently vaccinated 33 of the children and still have 15 or 16 to vaccinate as soon as I can obtain the vaccine.

It is interesting to note that of the 49 children in the Home only one had ever been vaccinated, and it is a source of wonder to me that there has never been an epidemic of smallpox there.

There has been what seemed to me an unusual number of cases of acute intestinal indigestion, and I have endeavored to find a cause therefor, but so far unsuccessfully.

I was at first inclined to suspect the water supply, but at my request Dr. S. L. Lee had a sanitary survey made of the water supply and a chemical and microscopical examination of the water itself made by Dr. O. P. Johnstone, of the State Hygienic Laboratory, and appended is a copy of his report which practically excludes that as the source.

I have gone to the Home many times at meal time and have looked rather carefully into the nature of the food and its preparation, but have always found the kitchen spotless and the food good and well prepared, so that I am forced to the conclusion that it is due to the faulty digestions so often found in institutional children.

I may say here that it is possible that the children, especially the younger ones, get too much tea and coffee, and I have spoken to the Matron on this subject, but she informs me that they have always had tea and coffee, and that the children themselves would object most strenuously to being deprived of either, but I think that perhaps it would be advantageous if they could be given more milk and less tea and coffee.

At the present time there is one child in the Home that needs special attention—a feeble-minded girl who should be placed in an institution for children of that character, as she cannot be taken care of properly where she is, and she sets a bad example to the others and is a source of unnecessary worry and annoyance to the attendants.

I desire to express my thanks to the Superintendent and Matron, especially the latter, for their unflinching courtesy upon all occasions and their ever-ready willingness to assist me in the performance of my duties, and to your honorable board for the unanimous support given me in every instance.

Respectfully submitted,

DONALD MACLEAN,

*Physician to Nevada State Orphans' Home.*

### REPORT ON WATER EXAMINATION

STATE HYGIENIC LABORATORY,  
RENO, NEVADA, September 8, 1911.

DR. DONALD MACLEAN, *Carson City, Nevada.*

DEAR DR. MACLEAN: I enclose a copy of our report on the water examinations made at the Orphans' Home and the reservoir, which I am sending by this mail to Dr. Lee. With kindest regards I am

Very sincerely yours,

W. B. MACK,

*Director.*

RENO, NEVADA, September 8, 1911.

DR. S. L. LEE, *Secretary of State Board of Health, Carson City, Nevada.*

DEAR SIR: Pursuant to your request that the State Hygienic Laboratory make a sanitary examination of the water supplied to the State Orphans' Home, Dr. Johnstone visited Carson City August 24, went, accompanied by Dr. Maclean, to the reservoir and to the Orphans' Home, and collected specimens for laboratory examination. He was unable to visit the source of the water, high up in the mountains. That would have been desirable, that he might see the actual conditions existing in every portion of the system.

It appears to be current belief that this water is filtered. There is no evidence of filtration at the reservoir, and he could learn nothing definite in that regard. The reservoir is reasonably clean and well cared for. It is so situated as to be fairly safe from surface drainage. The water is clear, clean and of good appearance. There are a few algae growing in the water, but these have no sanitary significance when in moderate quantity. All stored surface waters have more or less algae in warm weather. While they are in themselves harmless, their presence should be noted, as they may give rise to certain nitrogenous compounds that might tend to confuse in interpreting the results of a chemical analysis of a water. There is no evidence of fecal contamination at the reservoir. Could Dr. Johnstone have covered the watershed, have traveled to the source of this water, he could have determined the opportunities there are, if any, for such contamination. So far as his observations extended there is nothing very objectionable in the surroundings.

A specimen of water taken from the reservoir and submitted to a chemical analysis showed the following parts per million:

Free ammonia	None
Albuminoid ammonia	0.025
Nitrogen as nitrites	None
Nitrogen as nitrates	None
Required oxygen	1.600
Chlorine	4.000

A specimen was taken from the reservoir and another from a tap at the Orphans' Home for bacteriological analysis. The first produced gas in cultures containing glucose; only one of the cultures showed sufficient gas to suggest fecal bacteria. All milk cultures were coagulated in twenty-four hours, but at the end of six days there was no digestion. Tests for the production of indol were all negative. The numbers of colonies which developed on plate cultures at incubator temperature were small, well within the limits set for an approved water.



