

OREGON STATE BOARD OF HEALTH

MINERAL CONTENT OF WATER

RECEIVED
MAY 10 1960

STATE ENGINEER

SALEM, OREGON

Location of Source Warner Valley Sampling Point Grand Canyon

Collected By L. A. Stanley Date 4-6-60 Analysis By Lewis Date 4-12-60

Laboratory Number 452

Parts Per Million

1. Color	<u>4.</u>
2. Turbidity	<u>16.</u>
3. pH	<u>8.81</u> ✓
Alkalinity Carbonate	21.8
4. Alkalinity Bicarbonate	<u>81.0</u>
Total alkalinity	<u>113.0</u> ✓
5. Carbon Dioxide	<u>0.4</u>
6. Aluminum	
7. Ammonia Nitrogen	<u>0.63</u> ✓
8. Calcium	<u>14.8</u> ✓
9. Chloride	<u>252.0</u>
10. Chlorine Residual	<u>0.2</u>
11. Fluoride	<u>interference</u>
12. Hardness	<u>51.6</u>
13. Iron	<u>0.05</u>
14. Magnesium (calc)	<u>3.57</u>
15. Manganese	<u>0.11</u>
16. Phosphates	<u>1.37</u>
17. Potassium	
18. Silicon	
19. Sodium	
20. Sulfates	<u>244.</u>
21. Total Solids	<u>1114.</u>
22. Volatile Solids	<u>450.</u>
23. Suspended Solids	<u>29.</u>
24. Nitrates	<u>0.24</u>
25. Nitrites	<u>0.07</u>
26. Arsenic	<u>1.4</u>

2-13-60