

March 4, 1928

DEPARTMENT OF THE INTERIOR ADMINISTRATIVE
INDIAN FIELD SERVICE SCHOOLS

Phoenix, Arizona,

March 4th, 1928.

Commissioner of Indian Affairs,
Washington, D.C.



Dear Sir:

The subject matter of this letter is the water supply of the Hopi boarding school, Keams Canyon, Arizona.

The sources of supply are springs located in the canyon at a considerable distance from the school. These springs are covered over as protection from pollution. From these springs the water flows by gravity through pipes to a collecting reservoir on the school grounds, from which it is pumped into a wooden distributing tank high up on the canyon wall. The collecting reservoir is well protected from the entrance of foreign matter by a tight roof. The sides are of concrete.

The water is distributed from the wooden tank to the various school and agency buildings on the grounds. According to information supplied by the engineer the distributing tank has a capacity of 27,000 gallons. When the tank is full the pressure is reported to be 45#.

At present the available supply is just about adequate for all needs. Even in summer but a comparatively small amount can be spared for irrigation. This is chiefly expended in efforts to raise corn and vegetables for the pupil's use.

Conditions in regard to water supply are a factor which should be carefully considered should the question of future enlargement of the plant be brought up. It seems safe to say that any increase beyond 30 or 40 additional pupils would necessitate action to provide an increased supply of water.

The water is pleasant to the taste and judging by the fact that no injurious results seem to have attended its use in the past may be assumed to be free from pollution. As far as I have been able to ascertain it has not been recently subjected to analysis. As a precautionary measure it would appear to be good policy to have samples submitted, at least

RG 75, BIA, CCF
64935-1924-424

Hopi

Filed by J. M. S.

annually, for analysis.

Very truly yours,

Frank Christy
Assistant District Superintendent.

Carbon to
Hopi with request that reply
be made not later than ten
days after receipt without
waiting action on the part
of the Office.

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Frank Christy

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