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WATER RESOURCES DEPT.
SALEM, OREGON

* Reservoir Permit No. R 6581

Application for a Permit to Construct a Reservoir and to Store for Beneficial Use the Unappropriated Waters of the State of Oregon

I, Lloyd Waid, Mayor, City of Ukiah
(Name of Applicant)

of P.O. Box 187, Ukiah
(Mailing address) (City)

State of Oregon, 97880, do hereby make application for a permit to construct the
(Zip Code)
following described reservoir and to store the unappropriated waters of the State of Oregon, subject to existing rights.

If the applicant is a corporation, give date and place of incorporation

A municipal corporation, incorporated May 24, 1972

1. The name of the proposed reservoir is City of Ukiah Sewage System Lagoons
and Storage Pond

2. The name of the stream from which the reservoir is to be filled and the appropriation made is
The lagoons and storage pond will be filled by the collection and

~~Reservoir of~~ treatment of sewage waste water from the City of Ukiah.

3. The amount of water to be stored is maximum storage of 60 acre feet.

4. The use to be made of the impounded water is irrigation
(Irrigation, power, domestic supply, etc.)

5. The location of the proposed reservoir will be in Sec. 13
(Give sections or townships to be submerged)

Tp. 5S, R. 31E, W.M., in the county of Umatilla

(a) State whether situated in channel of running stream and give character of material at outlet

The storage pond and lagoons are not situated in a channel of any running stream.

(b) If not in channel of running stream, state how it is to be filled. If through a feed canal, give

name and dimensions City of Ukiah wastewater is to be collected via a sewage collection system at a sewage pump station south of the city, then pumped 1 mile east to the treatment and storage site.

6. The dam will be located in N.E. 1/4, S.W. 1/4, Sec. 13
(Smallest legal subdivision)

Tp. 5S, R. 31E, W.M. The maximum height will be 11 feet above stream bed or ground surface on center line of dam. The length on top will be 3100 feet; length on bottom 3100 feet; width on top 8 feet; slope on front

or water side 3:1; slope on back 3:1; height of dam above water line when full 3 feet.
(Feet horizontal to 1 vertical) (Feet horizontal to 1 vertical)

* A different form of application should be used for the appropriation of stored water to beneficial use. Such forms can be secured without charge, together with instructions, by addressing the State Engineer, Salem, Oregon 97310.

7. The construction of dam, the material of which it is to be built, and method of protection from waves are as follows: The dikes will be constructed as shown in the accompanying drawings and specifications. The fill material will consist of a 50 - 50 combination of on site excavated sandy gravel and silty clayey sand.

8. The location of wasteway with dimensions are as follows: (State whether over or around the dam)
Due to the nature of the project no overflow outlet structure is required.
During summer months an irrigation pump will provide sufficient draw down.

9. The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows: See accompanying drawings. Outlet is located at SE corner of storage pond. 4" section to 150 gpm pump then to irrigation system.
(All dams across natural stream channels must be provided with an outlet conduit, of such capacity and location to pass the normal flow of the stream at any time)

10. The area submerged by the proposed reservoir, when full, will be 18.4 acres, lagoons - 4.0 with a maximum depth of water of pond - 6.25 feet; and approximate mean depth of water lagoons - 3.0 pond - 6.25 feet.

11. The estimated cost of the proposed work is \$ 140,000.00

12. Construction work will begin on or before July 1, 1977

13. Construction work will be completed on or before September 30, 1977

Hoyt A. Ward
(Signature of applicant)
Mayor City of Ukiah

STATE OF OREGON,)
County of Marion,) ss.

This is to certify that I have examined the foregoing application, together with the accompanying maps and data, and return the same for

In order to retain its priority, this application must be returned to the State Engineer, with corrections on or before _____, 19_____

WITNESS my hand this _____ day of _____, 19_____

STATE ENGINEER
By _____ ASSISTANT

R 6581

Remarks: The City of Ukiah's Sewerage System to be constructed consists of a gravity collection system which terminates at a sewage pump station. The sewage is then pumped east one mile through a force main to treatment lagoons. After the required retention time the treated wastewater flows into a storage pond. During winter months the treated wastewater is stored in the storage pond. During the summer months the stored water is pumped, chlorinated and irrigated over a 40 acre parcel of pasture land adjacent to the storage pond - lagoon area. All water that will be stored and irrigated is water that prior to the new construction would have percolated into the ground from existing septic tanks.

STATE OF OREGON, }
County of Marion, } ss.

This is to certify that I have examined the foregoing application and do hereby grant the same, subject to the following limitations and conditions: The right herein granted is limited to the construction of a sewage lagoon and reservoir and storage of sewage waste water to be appropriated under application No. 55362, Permit No. 41550 for irrigation, and the dam shall be constructed under the supervision of a registered professional engineer.

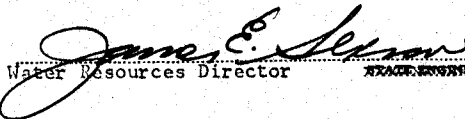
The right hereunder shall be limited to the storage of 60.0 acre feet.

The priority date of this permit is February 25, 1977

Actual construction work shall begin on or before August 5, 1978 and

shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1979.

WITNESS my hand this 5th day of August, 1977.


Water Resources Director
OK.
AMP.

Application No. R-55361

R 6584

Reservoir Permit No.

PERMIT

To construct a reservoir and store for beneficial use the unappropriated waters of the State of Oregon.

This instrument was first received in the office of the State Engineer at Salem, Oregon, on the 25 day of February, 1977, at 11 o'clock A. M.

Returned to applicant:

Approved:

Recorded in Book No. of

Reservoirs, on Page

State Engineer

Drainage Basin No. 6 page 1

Fees 7.00