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AUG 8 1973
STATE ENGINEER
SALEM, OREGON

49831

*Reservoir Permit No. R 6024

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

I, Tanasbrook - A Joint Venture (formerly ARTCO, Inc.)
(Name of Applicant)

of P. O. Box 1009 (Mailing address), Beaverton (City),

State of Oregon, 97005 (Zip Code), do hereby make application for a permit to construct the 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 N/A

1. The name of the proposed reservoir is Tanasbrook Reservoirs #1, 2 and 3

2. The name of the stream from which the reservoir is to be filled and the appropriation made is Bronson Creek

tributary of (Beaverton Creek - Rock Creek) Tualatin River

3. The amount of water to be stored is (See Attachment) 14.7 acre feet.

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

5. The location of the proposed reservoir will be in Sec. 30 and 31
(Give sections or townships to be submerged)

Tp. 1 N, R. 1 W, W.M., in the county of Washington

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

Outlet is situated in channel of Bronson Creek. Material at outlet is silty-clay.

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

6. The dam will be located in See Attachment (Smallest legal subdivision), Sec. ....., Tp. ....., R. ....., W.M. The maximum height will be ..... feet above stream bed or ground surface on center line of dam. The length on top will be ..... feet; length on bottom ..... feet; width on top ..... feet; slope on front or water side ..... (Feet horizontal to 1 vertical); slope on back ..... (Feet horizontal to 1 vertical); height of dam above water line when full ..... feet.

* 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 dams for reservoirs No. 1 & 2 shall be earth fill dams, material shall be silty clay, and dams shall be protected from waves by either rip-rap or gunite. There is no dam for reservoir #3.

8. *The location of wasteway with dimensions are as follows:* Wasteway is over dam.
(State whether over or around the dam)
Downstream side of wasteway is to be protected by rip-rap or gunite.

9. *The location of outlet from the proposed reservoir, with character of construction and dimensions, are as follows:* 18" C.M.P. 16 Ga. asphalt dipped to connect the middle reservoir (#2) to the West reservoir (#1) and to connect the West reservoir to the main channel of Bronson Creek.
(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* See Attachment *acres, with a maximum depth of water of* See Attachment *feet; and approximate mean depth of water* See Attachment *feet.*

11. *The estimated cost of the proposed work is* $23,000 - 1/82

12. *Construction work will begin on or before* September 1, 1973

13. *Construction work will be completed on or before* September 1, 1974

Phillip B. Michel
(Signature of applicant)

Phillip B. Michel

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

Remarks: Total storage is 21.7 Ac. Ft. less 7 Ac. Ft. under existing right. Application is for total storage of 14.7 Ac. Ft.

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 Tanasbrook Reservoirs No. 1, No.2, and No.3 and storage of water from Bronson Creek to be appropriated under application No. 51042, permit No. 37114, for recreation.

The right hereunder shall be limited to the storage of 14.7 *acre feet.*

The priority date of this permit is August 8, 1973

Actual construction work shall begin on or before September 18, 1974 *and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 19*75.

WITNESS my hand this 18th *day of* September, *19*73.

STATE ENGINEER

ATTACHMENT

ITEM #3

The amount of water to be stored is 21.7 acre feet.
Reservoir No. 1 - 4.6 acre feet (west reservoir)
Reservoir No. 2 - 9.0 acre feet (middle reservoir)
Reservoir No. 3 - 8.1 acre feet (east reservoir)

ITEM #6

Reservoir No. 1 (West Reservoir)

The dam will be located in the NW¼, NW¼, Sec. 31, Tp. 1 N, R 1 W, W.M. The maximum height will be ~~25~~ 5 feet above stream bed or ground surface on center line of dam. The length on top will be 135 feet; length on bottom 130 feet; width on top 5 feet; slope on front or water side 10:1; slope on back 4:1; height of dam above water line when full is 0 (zero) feet.

Lt. Aug 22, 1973 WD

Reservoir No. 2 (Middle Reservoir)

The dam will be located in the NW¼, NW¼, Sec. 31, Tp. 1 N, R 1 W, W.M. The maximum height will be 5 feet above stream bed or ground surface on center line of dam. The length on top will be 135 feet; length on bottom 130 feet; width on top 5 feet; slope on front or water side 10:1; slope on back 4:1; height of dam above water line when full is 0 (zero) feet.

Reservoir No. 3 (East Reservoir)

The dam will be located in the NE¼, NW¼, Section 31, Tp. 1 N, R 1 W, W.M. The maximum height will be 3 feet above stream bed or ground surface on center line of dam. The length on top will be 25 feet; length on bottom 25 feet, width on top 50 feet; slope on front or water side 3:1; slope on back 2:1; height of dam above water line when full is 0 (zero) feet.

ITEM #10

Reservoir No. 1 (West Reservoir)

The area submerged by the proposed reservoir, when full, will be 1.6 acres, with a maximum depth of water of 4 feet; and approximate mean depth of water 2.9 feet.

Reservoir No. 2 (Middle Reservoir)

The area submerged by the proposed reservoir, when full, will be 4.5 acres, with a maximum depth of water of 3 feet; and approximate mean depth of water 2.0 feet.

Reservoir No. 3 (East Reservoir)

The area submerged by the proposed reservoir, when full, will be 2.3 acres, with a maximum depth of water of 4 feet; and approximate mean depth of water 3.5 feet.

Application No. R-51041 & 51042
Permit No. R 6024

Application No. R-51041

Reservoir Permit No. R 6024

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 8th day of August, 1973, at 8:00 o'clock A M.

Returned to applicant:

Approved:

September 7, 1973

Recorded in Book No. ..... of Reservoirs, on Page R 6024

CHRIS L. WHEELER
State Engineer

Drainage Basin No. 2 page 62B16

Fees $25.00

SP*45692-119