

Application No. R-60512

Permit No. R 8164

STATE OF OREGON WATER RESOURCES DEPARTMENT

Application for a Permit to Construct a Reservoir

I, City of Prairie City, Oregon
(Name of Applicant)

of P.O. Box 342 Prairie City
(Mailing Address) (City)

State of Oregon 97869 Phone No. 820-3605
(Zip Code)

do hereby make application for a permit to construct the Cell #1 sewage lagoon reservoir
and to store the unappropriated waters of the State of Oregon, subject to existing rights.

1. The name of the stream from which the reservoir is to be filled is Municipal waste water
tributary to _____

2. If not in channel of a stream, state how it is to be filled. Municipal sewage pumped from
Prairie City through 8" pipe line

3. The dam will be located in the NW $\frac{1}{4}$ of the NW $\frac{1}{4}$ of Section 8,
Township 13S, Range 33E, W. M.

4. The maximum height will be 16.5 feet above stream bed or ground surface at the
centerline. The top width will be 10 feet, slope of upstream face 3:1,
slope of downstream face 3.6:1 and 4:1, and height of dam above water line when full
3.0 feet.

5. The dam will be (check one) ☒ earthfill, ☐ concrete, ☐ flashboard, ☐ other.
If "other", give description: _____

6. Give the location, description, and dimensions of the outlet conduit: Outlets as shown to be
8" CI. 50 cement lined ductile iron pipe - south face

(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)

Application No. R60512

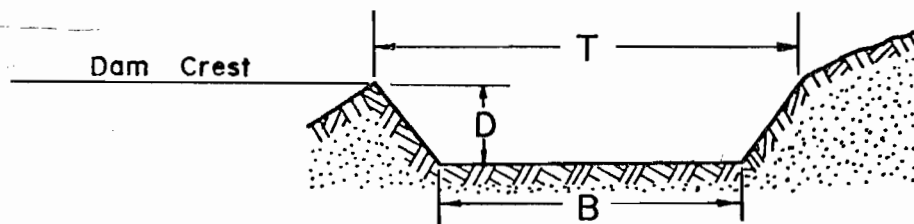
Permit No. R 8164

7. The impounded water will be used for irrigation of an animal crop, as means of disposal

8. The amount of water to be stored is 44.1 acre feet.

9. The area submerged by the reservoir, when full, will be 7.81 acres,
and the maximum depth of water will be 6.0 feet.

10. Give the location and dimensions of the spillway pipe under dam
(State whether over or around dam)



The bottom width of the spillway, B, will be n/a feet.

The top width of the spillway, T, will be n/a feet.

The distance between the crest of the dam and the crest of the spillway, D, will be 3 feet.
(Must be at least 2 1/4 feet)

If any other type of spillway describe and give dimensions:

Gate structure with overflow feature into an 8" D.I.P.

11. Construction work will begin on or before see remarks

12. Construction work will be completed and the reservoir filled by see remarks

Remarks: Construction is contingent on receipt of an EPA grant, now anticipated for final processing approval prior to September 30, 1980. On receipt of the grant, the construction contract will be processed, with construction tentatively scheduled to begin in early spring of 1981 and be complete in fall of 1981.

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STATE OF OREGON WATER RESOURCES DEPARTMENT

Application for a Permit to Construct a Reservoir

I, City of Prairie City, Oregon

(Name of Applicant)

of P.O. Box 342

(Mailing Address)

Prairie City

(City)

State of Oregon

97869

(Zip Code)

Phone No. 820-3605

do hereby make application for a permit to construct the Cell #2 sewage lagoon reservoir
and to store the unappropriated waters of the State of Oregon, subject to existing rights.

1. The name of the stream from which the reservoir is to be filled is municipal waste water

tributary to n/a

2. If not in channel of a stream, state how it is to be filled. pumped from Prairie City through

8" pipe line

3. The dam will be located in the NW $\frac{1}{4}$ of the NW $\frac{1}{4}$ of Section 8

Township 13S, Range 33E, W. M.

4. The maximum height will be 15.5 feet above stream bed or ground surface at the

centerline. The top width will be 10 feet, slope of upstream face 3:1

slope of downstream face 4:1, and height of dam above water line when full
3 feet.

5. The dam will be (check one) X earthfill, concrete, flashboard, other.

If "other", give description:

6. Give the location, description, and dimensions of the outlet conduit. Outlet as shown to be

8" cl. 50 cement lined ductile iron pipe - south face

(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)

Application No. R 60512

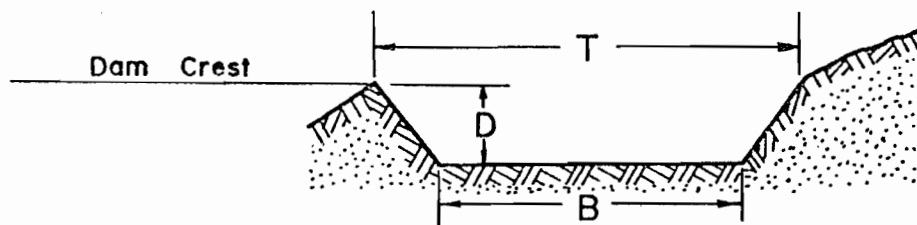
Permit No. R 8164

7. The impounded water will be used for irrigation of an animal crop, as means of disposal

8. The amount of water to be stored is 55.6 acre feet.

9. The area submerged by the reservoir, when full, will be 8.04 acres,
and the maximum depth of water will be 7.5 feet.

10. Give the location and dimensions of the spillway pipe under dam
(State whether over or around dam)



The bottom width of the spillway, B , will be n/a feet.

The top width of the spillway, T , will be n/a feet.

The distance between the crest of the dam and the crest of the spillway, D , will be 3 feet.
(Must be at least 2 1/4 feet)

If any other type of spillway describe and give dimensions:

Gate structure with overflow feature into an 8" D.I.P.

11. Construction work will begin on or before see remarks

12. Construction work will be completed and the reservoir filled by see remarks

Remarks: Construction is contingent on receipt of an EPA grant, now anticipated for
final processing approval prior to September 30, 1980. On receipt of the grant, the
Construction contract will be processed, with construction tentatively scheduled to begin in
spring of 1981 and be complete in fall of 1981.

Application No. R-60512

Permit No. R 8164

STATE OF OREGON WATER RESOURCES DEPARTMENT

Application for a Permit to Construct a Reservoir

I, City of Prairie City, Oregon

(Name of Applicant)

of P.O. Box 342

(Mailing Address)

Prairie City

(City)

State of Oregon

97869

(Zip Code)

Phone No. 820-3605

do hereby make application for a permit to construct the cell #3 sewage lagoon reservoir
and to store the unappropriated waters of the State of Oregon, subject to existing rights.

1. The name of the stream from which the reservoir is to be filled is municipal waste water

tributary to n/a

2. If not in channel of a stream, state how it is to be filled. pumped from Prairie City through

8" pipe line

3. The dam will be located in the SW $\frac{1}{4}$ of the NW $\frac{1}{4}$ of Section 8

Township 13S, Range 33E, W. M.

4. The maximum height will be 18 feet above stream bed or ground surface at the

centerline. The top width will be 10 feet, slope of upstream face 3:1,

slope of downstream face 4:1, and height of dam above water line when full

3 feet.

5. The dam will be (check one) X earthfill, concrete, flashboard, other.

If "other", give description:

6. Give the location, description, and dimensions of the outlet conduit: Outlet to be 8" cement

lined D.I.P. - south face and 18" CMP south face

(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)

Application No. R-60512

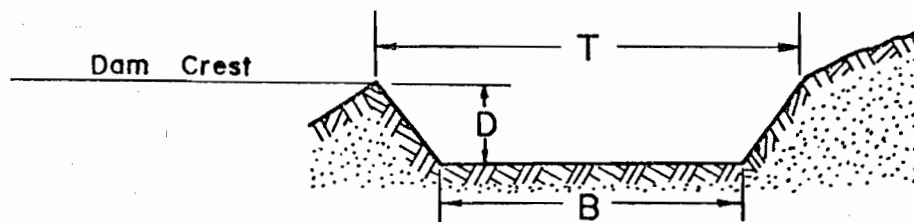
Permit No. R 8164

7. The impounded water will be used for irrigation of an animal crop as means of disposal

8. The amount of water to be stored is 53.7 acre feet.

9. The area submerged by the reservoir, when full, will be 7.52 acres,
and the maximum depth of water will be 7.5 feet.

10. Give the location and dimensions of the spillway 18" CMP - S.W. face
(State whether over or around dam)



The bottom width of the spillway, B , will be n/a feet.

The top width of the spillway, T , will be n/a feet.

The distance between the crest of the dam and the crest of the spillway, D , will be 3 feet.
(Must be at least 2½ feet)

If any other type of spillway describe and give dimensions:

18" CMP and 8" iron pipe and overflow gate

11. Construction work will begin on or before see remarks

12. Construction work will be completed and the reservoir filled by see remarks

Remarks: Construction is contingent on receipt of an EPA grant, now anticipated for
final processing approval prior to September 30, 1980. On receipt of the grant, the
Construction contract will be processed, with construction tentatively scheduled to begin in
spring of 1981 and be complete in fall of 1981.

Stanley S. Hall
Signature of Applicant

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 Water Resources Director with corrections on or before....., 19.....

WITNESS my hand this..... day of....., 19.....

Water Resources Director

By.....

This instrument was first received in the office of the Water Resources Director at Salem, Oregon, on the

18 day of August, 1980, at 11:00 o'clock A.M.

Application No. R 60512

Permit No. R 8164

R 8164

Application No.

R 60512

Permit No.

R 8164

**Permit to Construct a Reservoir
and Store for Beneficial Use the Public Waters
of the State of Oregon**

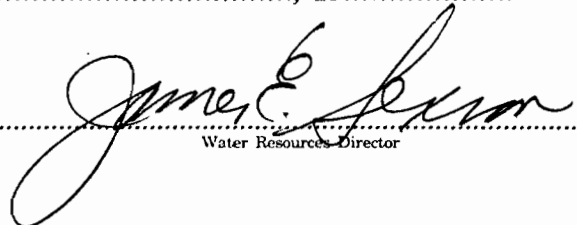
This is to certify that I have examined the foregoing application and do hereby grant the same subject to the following limitations and conditions. The right herein granted is limited to the construction of ..sewage..... lagoon cells 1, 2, and 3 and storage of municipal waste water to be appropriated under application No. 60513, permit No. 45007 for irrigation, being 44.1 acre feet in cell No. 1, 55.6 acre feet in cell No. 2, and 53.7 acre feet in cell No. 3 and the dams shall be constructed under the supervision of a registered Professional Engineer.

The right hereunder shall be limited to the storage of153.4..... acre feet.

The priority date of this permit isAugust 18, 1980.....

Actual construction work shall begin on or beforeSeptember 9, 1981..... and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1982.....

WITNESS my hand this9th..... day ofSeptember....., 1980.....


Water Resources Director