Oregon Water Resources Department
Water Right Services Division

Reauthorization of Hydroelectric Project HE 489 in the name of THE MEADOWS FAMILY INC.	)))	PROPOSED FINAL ORDER TO APPROVE

Proposed Final Order

NOTE: *This is a Proposed Final Order issued pursuant to Oregon Revised Statutes (ORS) 543A.120.*

Summary of Recommendation
The Hydroelectric Application Review Team (HART) recommends the reauthorization of hydroelectric project HE 489 (Project) with conditions.

Application History
On February 10, 1984, Beth Peterson was granted Hydroelectric License HE 489, conferring the right to appropriate up to 0.11 cubic feet per second (cfs) of water from South Fork Scotch Gulch Creek and to develop 1.25 theoretical horsepower. The license was effective as of the date of issuance and was scheduled to terminate on December 31, 2004.

On January 25, 2002, The Meadows Family Inc. applied to the Oregon Water Resources Department (OWRD) for the first reauthorization of the Project. On February 5, 2002, OWRD provided public notice of the application in its weekly notice. The public notice included a request for comments and information for interested persons about obtaining future notices and a copy of the application. No written comments were received within the 45-day comment period.

On September 23, 2004, an order was issued extending the expiration date to December 31, 2007.

On June 5, 2007, OWRD provided public notice of the Draft Proposed Final Order (DFPO) to reauthorize the Project. The public notice included a request for comments within 60 days and information for interested persons about obtaining future notices and a copy of the DFPO. No comments were received.

On August 28, 2007, OWRD gave public notice of the Proposed Final Order (PFO) to reauthorize the Project. This public notice included requests for public comments, protests, and/or requests for standing for a 45-day public notice. No comments or protests were received.

The most recent hydroelectric certificate (Certificate 83610) was issued on October 25, 2007. The certificate is effective from the date of issuance through December 31, 2027.

On June 2, 2025, OWRD received an application from The Meadows Family Inc. to reauthorize HE 489 for a second time. On June 10, 2025, OWRD provided public notice of the application in its weekly notice for a 45-day comment period. No comments were received.

On February 17, 2026, OWRD issued a DPFO to reauthorize the Project. On the same date, OWRD provided public notice of the DPFO in its weekly notice for a 60-day comment period. No comments were received.

Findings of Fact

All proposed reauthorizations of hydroelectric projects in Oregon, such as this Project, must meet the resource protection standards contained in ORS 543A.025.

1. **Project Description:**

   The Project, located in Josephine County, Oregon, is authorized to divert up to 0.11 cfs of water from South Fork Scotch Gulch Creek, tributary of East Fork Illinois River, tributary of the Rogue River. The Project uses 100 feet of hydraulic head and generates 1.25 theoretical horsepower for onsite domestic use.

2. **Site Visit:**

   On July 8, 2025, the Hydroelectric Application Review Team (HART) met the Applicant at the Project site to observe the Project components and discuss hydroelectric operations. Attendees included Martin Sanchez (OWRD), Craig Kohanek (OWRD), Amber Callahan (OWRD), Jason Brandt with the Oregon Department of Fish and Wildlife (ODFW), and Romain Cooper (Applicant). The Project is located adjacent to one of the homes on the property and powers the home primarily in the winter. Solar power is utilized during drier months when hydroelectric generation is less feasible or not possible. Flow utilized for Project operations passes through a Pelton Wheel and discharges directly back into South Fork Scotch Gulch Creek after passing through a short section of mostly buried pipe. The Project was not being operated at the time of the site visit.

   Attendees hiked to the Project point of diversion on South Fork Scotch Gulch Creek following the approximate path of the partially buried Project flowline. The flowline consists of a stretch of a single larger PVC pipe and a stretch of dual smaller pipes with pressure release valves at the connecting points. The 3 ft long and 6 in diameter Project intake is equipped with a fish screen made of 1/8 in fine mesh stainless steel. Project water passing through the screen flows into the approximately 1150 ft flowline/penstock leading to the Project turbine.

3. **Location:**

   The point of diversion is located 2160 FEET SOUTH AND 30 FEET EAST from the NW 1/4 CORNER of SECTION 3, being within LOT 5, SW 1/4 NW 1/4, SECTION 3, TOWNSHIP 41 SOUTH, RANGE 8 WEST, W.M., in Josephine County, Oregon.

There are no other property owners within 300 feet of the Project.

4. **Public Interest: ORS 543A.025(1)(a)-(g)**
   To reauthorize a Project, OWRD must find that the proposed use will not impair or be detrimental to the public interest, considering the factors in ORS 543A.025(1).

   a. **Conserving the highest use of the water for all purposes:** Hydroelectric use is non consumptive and is conditioned to not take more than 75% of the natural stream flows of South Fork Scotch Gulch Creek.
   b. **The maximum economic development of the waters involved:** The hydroelectric project is the secondary use of the water used from the Project point of diversion. Other uses include irrigation and domestic.
   c. **The control of the waters of this state for all beneficial purposes:** As conditioned, the Project does not interfere with any existing water right certificates or permits. OAR 690-515, the Rogue Basin Program, classifies the waters of South Fork Scotch Gulch Creek for power development. The Project is not located within a state designated scenic waterway.
   d. **Water Availability:** Water is available from December through July at the Mouth of the East Fork Illinois River at a 50% exceedance level in OWRD's Water Availability Reporting System (WARS). Water use for hydroelectric purposes is non-consumptive, and may be made on a year-round basis, when water is available.
   e. **The prevention of wasteful, uneconomic, impracticable or unreasonable use of the waters involved:** Water from this diversion is in a controlled penstock and no water is lost due to seepage. Water is then discharged to South Fork Scotch Gulch Creek after hydroelectric use.
   f. **All vested and inchoate rights to the waters of this state:** As conditioned, the Project will not injure any existing rights or permits for the use of water. This water right is inferior in right and subsequent in time to any authorized appropriation of water from this source for domestic, municipal, irrigation or any other beneficial consumptive use.
   g. **The state water resources policy formulated under ORS 536.295 to 536.350 and 537.505 to 537.534:** Proposed use is consistent with the state water resource policy.

5. **Fish and Wildlife Resources: ORS 543A.025(2)(a) and (b)**
   South Fork Scotch Gulch Creek at the Project location is a fish-bearing stream with cutthroat trout. The 3 ft long and 6 in diameter Project intake is equipped with a fish screen made of 1/8 in stainless steel fine woven mesh to preclude fish entrainment. The screen can also prevent small animals from entering the flowline and becoming entrapped. Some rocks have been moved to help maintain the pool at the point of diversion, but there are no concerns about potential impacts to fish passage. The flowline is mostly buried but a section of pipe was damaged in a recent fire and is currently running above ground in an area which is mostly wooded. It is unlikely that the flowline would change the nature of the stream channel or prevent the migration and dispersal of wildlife. The diversion and penstock do not affect

recruitment of wood or other natural processes. Breakage of the penstock would likely cause minor and temporary impacts to fish and wildlife habitat.

The project is outside of the Columbia River Basin and is not subject to the Northwest Power and Conservation Council's Fish and Wildlife Program.

Based on a review of the facts contained in the file, OWRD finds that the Project complies with the standards and requirements of ORS 543A.025(2)(a) and (b).

6. **Water Quality: ORS 543A.025(2)(c)**
   The Oregon Department of Environmental Quality (ODEQ) requested that OWRD add the standard water quality conditions but provided no additional comments on water quality. The Project complies with the standards and requirements of ORS 543A.025(2)(c).

7. **Public Land Safety: ORS 543A.025(d)**
   OWRD previously notified the Oregon Department of Geology and Mineral Industries (ODOGAMI), the agency responsible for seismic and geologic hazards, of the request for the initial authorization and in the previous reauthorization. ODOGAMI concluded and OWRD concurred that this small Project does not pose a significant risk to public health and safety from geologic and seismic hazards. Since there have been no changes to the Project, OWRD continues to rely on this previous finding.

8. **Wetland Resources: ORS 543A.025(e)**
   OWRD previously notified the Oregon Department of State Lands (ODSL), the agency responsible for management of wetlands, of the request for the initial authorization and in the previous reauthorization. The ODSL did not identify any wetland impacts in the previous reauthorization. OWRD concurred that the continued operation of the Project has no impacts to wetlands. Since there have been no changes to the Project, OWRD continues to rely on this previous finding.

9. **Other Resources: ORS 543A.025(2)(f)**
   a. **Recreation**: OWRD previously notified the Oregon Parks and Recreation Department (OPRD), the agency responsible for recreational opportunities within the state, of the request for the initial authorization and in the previous reauthorization. The OPRD identified no recreation impacts in the previous reauthorization. OWRD concurred with that assessment. Since there have been no changes to the Project, OWRD continues to rely on this previous finding.
   b. **Historic, Cultural and Archaeological**: OWRD previously notified the Oregon State Historic and Preservation Office (OSHPO), the agency responsible for historic, cultural, and archaeological resources, of the request for the initial authorization and on the previous reauthorization. OSHPO did not provide any feedback on the previous reauthorization. Since there are no known cultural sites within the Project area, OWRD continues to rely on this previous finding.

Conclusions of Law
Based upon the findings above, OWRD concludes that the use will not impair or be detrimental to the public interest under ORS 543A.025(1). In addition, the Project satisfies the minimum requirements set forth in ORS 543A.025(2).

No preference for this use is granted under the provisions of ORS 536.310(12).

The Project complies with the State standards for land use.

Recommendation
The HART recommends reauthorization of the Project and further recommends that the proposed water right certificate attached be issued for a period of 20 years as conditioned therein.

Proposed Final Order
The Department proposes to approve the application to reauthorize HE 489 and issue a proposed certificate consistent with the HART's recommendation.

Issued October 23, 2026



Raymond Eliot Crafton
Water Rights Section Manager, for
Ivan Gall, Director
Oregon Water Resources Department

Protests and Requests for Standing

The following sections explain how to: (1) file a protest in opposition to this Proposed Final Order to request a contested case hearing on this Proposed Final Order; and (2) file a request for standing for purposes of participating in any contested case proceeding on the Proposed Final Order or for judicial review of a final order. OWRD will send a copy of all protests and requests for standing received to the applicants, the protestant(s), if any, and to each person who requested standing.

Protests

ORS 543A.120(5), any person may protest this Proposed Final Order. Protests may be mailed or hand delivered to the Oregon Water Resources Department at 725 Summer Street NE, Suite A, Salem, OR 97301. If you submit a protest by U.S. mail, please consider mailing early to ensure the Department receives the protest by the deadline. Protests may be emailed to will.d.davidson@water.oregon.gov, but payment of Protest fees cannot be accepted electronically and must be received by the Department by mail or hand delivery prior to the deadline. Protests and protest fees must be received by the Water Resources Department no later than 5 p.m. on **December 11, 2026.**

Protests must be in writing and include the following:

- The protestant's name, address, telephone number, and email address, if the protestant has an email address;
- The name, address, telephone number, and email address of the protestant's attorney, if the protestant is represented by an attorney;
- A description of the protestant's interest in the Proposed Final Order, and, if the protestant claims to represent the public interest, a precise statement of the public interest represented;
- A detailed description of how the action proposed in the Proposed Final Order would impair or be detrimental to the protestant's interest and/or the claimed public interest;
- Identification of the Proposed Final Order's recommended findings of fact, conclusions of law or conditions of approval the protestant objects to;
- Identification of all reasonably ascertainable issues and include all reasonably available arguments that support the protestant's position. Failure to raise a reasonably ascertainable issue in a protest or in a hearing or failure to provide sufficient specificity to afford the Water Resources Department an opportunity to respond to the issue precludes judicial review based on that issue.
- Any citation of legal authority to support the protest, if known;
- An explanation of how the issues raised in the protest are within the Department's jurisdiction;
- If the protestant is the applicant, the protest fee of $720 required by ORS 536.050(1)(j)(A); and

- If the protestant is not the applicant, the protest fee of $1,425 required by ORS 536.050(1)(j)(B).

If a timely protest is filed, within 120 days after the protest period has ended, the Director will: (1) issue a final order if the applicant has not filed a protest and the Director finds that there are no significant disputes related to the proposed reauthorization of the project; (2) schedule a contested case hearing if a protest has been submitted and the director finds that there are significant disputes related to the proposed reauthorization of the project.

Requests for Party Status:
Under the provisions of ORS 543A.120(4), if this Proposed Final Order is protested, any person who supports this Proposed Final Order may file a request for standing to participate in any contested case proceeding on the Proposed Final Order or for judicial review of a final order resulting from the Proposed Final Order. There is no need for the applicant to file a request for standing . The applicant will automatically be a party to any contested case proceeding on this Proposed Final Order. Requests for standing may be mailed or hand delivered to the Oregon Water Resources Department at 725 Summer Street NE, Suite A, Salem, OR 97301. If you submit a request for party status by U.S. mail, please consider mailing early to ensure the Department receives the request by the deadline. Requests for party status may be emailed to will.d.davidson@water.oregon.gov, but payment of request for party status fees cannot be accepted electronically and must be received by the Department by mail or hand delivery prior to the deadline. Requests for party status and request for party status fees must be received by the Water Resources Department no later than 5 p.m. on **December 11, 2026**.

Requests for standing must be in writing and include the following:

- Names, addresses, and email addresses (if any) of the requestor and any organization the requestor represents;
- Name, address, and email address of the requestor's attorney, if any;
- Identification of all reasonably ascertainable issues and include all reasonably available arguments that support the person's position.
- The request for standing fee of $405 required by ORS 536.050(1)(n).

Additional Notices
Notice of requirement to provide updated contact information: Protestants and persons requesting standing must timely provide the Department with updated contact information, including any change of address or primary means of electronic communication. The contact information provided in the protest or request for standing, as applicable, is presumed to be valid for the purposes of service and notification of any referral to the Office of Administrative Hearings unless timely updated. OAR 609-002-0081.

Notice of right to be represented by an attorney: You may be represented by an attorney at any contested case hearing on this Proposed Final Order. Legal aid organizations may be able to assist a party with limited financial resources. Generally, partnerships, corporations,

associations, governmental subdivisions or public or private organizations are represented by an attorney. However, consistent with OAR 690-002-0020 and OAR 137-003-0555, an "authorized representative" as defined at OAR 137-003-0555(1)(b) may represent a partnership, corporation, association, governmental subdivision or public or private organization if the Department determines that appearance of a person by an authorized representative will not hinder the orderly and timely development of the record in this case.

Notice to active-duty servicemembers: Active-duty service members have a right to stay proceedings under the federal Service Members Civil Relief Act. 50 U.S.C. App. §§501-597b. For more information contact the Oregon State Bar at 800-452-8260, the Oregon Military Department at 971-355-4127, or the nearest United States Armed Forces Legal Assistance Office through http://legalassistance.law.af.mil.

If you have any questions about statements contained in this document, please contact OWRD's hydroelectric program at WRD_DL_Hydroelectric@water.oregon.gov or call 503-986-0900 and ask to speak with hydroelectric program staff.

If you have questions about how to file a protest or a request for party status, or if you have previously filed a protest or a request for party status and you want to know the status, please contact Will Davidson at Will.D.Davidson@water.oregon.gov or 503-507-2749.

If you have any questions about the Department or any of its programs, please contact our Water Resources Customer Service Group at 503-986-0900.

Address any correspondence to:

Oregon Water Resources Department
Attn: Hydroelectric Program
725 Summer St NE, Suite A
Salem, OR 97301-1266

STATE OF OREGON
COUNTY OF JOSEPHINE
PROPOSED CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

THE MEADOWS FAMILY INC.
10398 TAKILMA ROAD
CAVE JUNCTION, OR 97523

confirms the right to use the waters of SOUTH FORK SCOTCH GULCH CREEK, tributary of the EAST FORK ILLINOIS RIVER, tributary of the ILLINOIS RIVER, tributary of the ROGUE RIVER for HYDROELECTRIC PRODUCTION of 1.25 THEORETICAL HORSEPOWER using 100 feet of hydraulic head for DOMESTIC USE.

The date of priority is NOVEMBER 22, 1983. The amount of water to which this right is entitled is limited to an amount actually beneficially used and shall not exceed 0.11 CUBIC FEET PER SECOND (cfs) measured at the point of diversion from the source.

The point of diversion is located 2160 FEET SOUTH AND 30 FEET EAST from the NW 1/4 CORNER of SECTION 3, being within LOT 5, SW 1/4 NW 1/4, SECTION 3, TOWNSHIP 41 SOUTH, RANGE 8 WEST, W.M.

The power plant is located in the SW 1/4 NW 1/4 , SECTION 3, TOWNSHIP 41 SOUTH, RANGE 8 WEST, W.M. in Josephine County, Oregon.

The use of water is limited to the amount that the generation facilities can utilize efficiently and shall not exceed the specifications noted in the water right. The right granted herein is expressly made inferior in right and subsequent in time to any authorized appropriation of water from this source for domestic, municipal, irrigation or any other beneficial consumptive use.

The Director finds that the Project is adapted to the development and utilization of the waterpower involved, that no application for this Project or in conflict with this Project has been filed by any municipality or utility district, and that the water right holder has paid to the Oregon Water Resources Department (OWRD) all fees required prior to the issuance of this certificate.

WATER RIGHT CERTIFICATE CONDITIONS

1. The water right holder (Holder) shall comply with all statutes and rules applicable to the Project.

2. The total net vegetation adjacent to Project waterways that provides shading to the waterways and/or streambank soil stability shall not be degraded or lessened. The Holder shall consult with the Oregon Department of Environmental Quality (ODEQ) before undertaking any activity that directly or indirectly results in removal of vegetation adjacent to Project waterway(s) that provides shade to the waterway(s) and/or provides stream-bank soil stability. Waterways include, but are not necessarily limited to, bypass stream reaches, siltation/forebay ponds, open-channel diversions, and above-ground pipes.

   During the consultation with ODEQ, the Holder shall provide a description of the activity that results in removal of vegetation and shall describe any mitigation or enhancement that is planned in exchange for the removal. Upon such consultation, ODEQ shall provide to the Holder, and to OWRD, a written summary of the conclusions from the consultation, including any new requirements and/or allowable changes to the Project.

3. Notwithstanding any specific conditions established by this water right, the Holder must comply with all water quality standards adopted by the Oregon Environmental Quality Commission pursuant to state and federal law (ORS 468B.048 and Section 303 of the Clean Water Act).

4. The Holder must obtain OWRD review and approval before undertaking any repair, maintenance activity, or any change to the Project that might significantly and adversely affect water quality, fish and wildlife or public health and safety, including changes to Project operation and flows (ORS 543A. 025).

5. If at any time an unanticipated situation arises in which the Holder observes or suspects that fish, wildlife, or their habitat may be harmed by any of the Project facilities or as the result of Project operation, the Holder shall immediately notify and consult with the nearest office of the Oregon Department of Fish and Wildlife (ODFW). In no case shall such contact occur later than the next business day. The Holder shall subsequently restore any damaged fish and wildlife protection features of the project consistent with direction provided by ODFW (ORS 543A.025).

6. All fish and wildlife mitigation features shall be properly maintained for the duration of the Project (ORS 543A.025 (2)(a) and (5)(d)).

7. The Holder shall work with ODFW to verify that the existing point of diversion screen meets current fish screening standards and make any necessary changes that may be

needed to meet current standards. The Holder shall also maintain and operate the project fish screen consistent with ODFW criteria and approval. This includes the operation and maintenance necessary to keep the fish screen in proper working order and free of obstructions (ORS 543A.025 (2)(a)(A)(ii)).

8. All maintenance activities shall be completed using best management practices to minimize soil and ground disturbance. All areas where soil is disturbed shall be planted with native vegetation, monitored, and maintained over the course of the permit. ODFW's recommended in-water work period for the Illinois River and tributaries is June 15 to September 15, and any instream construction and/or maintenance activities shall be completed during that time period.

9. The Holder shall maintain the tailrace as necessary to reduce erosion and scour and preclude fish entrance into the tailrace and turbine.

10. Project diversions shall not exceed 75% of natural stream flows in South Fork Scotch Gulch Creek measured at the Project point of diversion during the allowable period of use, and Project-induced ramping of stream flows in the bypass reach and downstream shall not exceed 2 inch/hour.

11. Although there are no known cultural sites within the Project area, if any cultural material is discovered during Project construction and/or maintenance, all activities shall stop and an archaeologist contacted to assess the discovery. It is a Class B misdemeanor to impact an archaeological site (ORS 358.905-955) and a Class C felony to impact Indian Burials (ORS 97.740-990).

12. OWRD may alter conditions of the certificate on a clear showing of a significant threat to the public health or safety or the environment that was not identified and addressed during the most recent Project authorization proceeding, and that requires modification of the certificate (ORS 543A.145(5)). Such changes could include, but are not limited to, the following:

    a. New federal listing or a change in status or recovery plan of a threatened or endangered species that may be affected by the Project.

    b. Change in a water quality standard for a water quality parameter that may be affected by the Project.

    c. Development of a Total Maximum Daily Load for a water quality parameter that may be affected by the Project.

    If OWRD proposes to alter conditions, the order shall be in writing and shall consist of a concise statement of the underlying facts supporting the proposed order. Any appeal of the order shall be according to procedures outlined in ORS Chapter 183.

13. The Holder shall maintain the Project, and each part thereof, in good order and repair and in efficient operation, for the development and transmission of electricity to its reasonable capacity; shall make all necessary renewals and replacements as required; and shall maintain and operate the Project, and all parts thereof, conformably to the rules of the OWRD Commission not inconsistent with ORS 543.010 to 543.610.

14. Upon permanent cessation of power generation, the Holder shall remove or modify Project facilities to meet decommissioning standards adopted by the OWRD.

15. The Holder shall pay to OWRD, in accordance with the provisions of ORS 543.078(2)(c), an annual fee of $15 on or before the first day of January of each year after issuance of this certificate.

16. The Holder shall allow the Director of OWRD (the Director) and authorized agents and employees of OWRD, ODEQ, and ODFW free and unrestricted access in, through, and across the Project in the performance of their official duties, and shall allow free access to all reports, accounts, records, and other data relating to the Project.

17. The Project facilities are more particularly described and shown on the map filed to accompany the application and designated as Exhibit A. Said exhibit is hereby approved by the Director and made a part of this certificate. No substantial change to the Project shall be made unless approved by the Director and incorporated into this certificate by appropriate amendment or special order.

18. Failure to comply with any of the provisions of this certificate may result in action including, but not limited to, civil penalties, restrictions on the use, or cancellation of the certificate.

19. The land use associated with this water use must comply with statewide land-use goals and any local acknowledged land-use plan (ORS 197.180).

20. Any transfer or sale of a license, rights under a license, or property associated with the Project must comply with the requirements of ORS 543.440 regarding prior approval from OWRD and rights and responsibilities transferred. These laws require that prior to any transfer, the owner shall notify OWRD of the name of the new Holder and complete forms provided by the OWRD assigning the Project to the new owner. Any successor or assignee shall be subject to all terms and conditions of this certificate. Any mortgage, deed of trust, or other lien is subject and subordinate to the terms and conditions of ORS chapter 543 and 543A (ORS 543.440).

21. The right to the use of water for power generation is restricted to beneficial use at the place of use described. This water right is inferior in right and subsequent in time to any

authorized appropriation of water from this source for domestic, municipal, irrigation or any other beneficial consumptive use.

22. The use confirmed herein may be made only when sufficient water is available to satisfy all senior rights, including rights for maintaining instream flows.

23. A site visit is required every five years by members of the HART to ensure the Project is operating in accordance with certificate conditions.

24. This certificate is effective from the date of issuance through December 31, 2046. Unless the Holder applies to reauthorize the Project in accordance with ORS chapter 543A, the certificate shall expire and the water right will be subject to conversion to an instream water right pursuant to ORS 543A.305 and any implementing rules in effect at that time.

25. If the Holder fails to operate Project facilities for power generation for any period of five consecutive years, this certificate shall be subject to termination by OWRD and the water right shall be subject to conversion to an instream water right pursuant to ORS 543A.305 and any implementing rules in effect at that time.

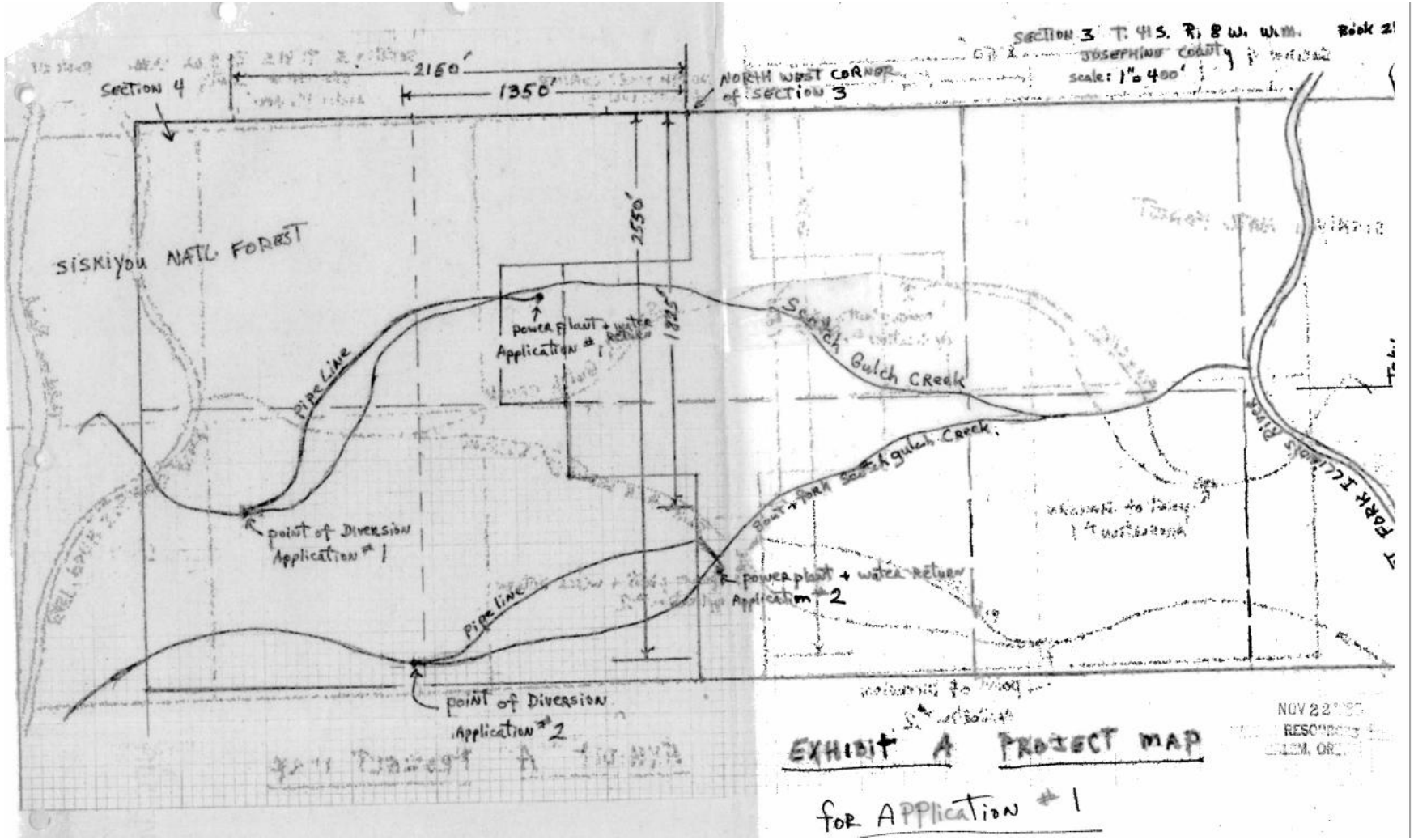
26. Upon expiration or termination of this certificate, the Holder shall comply with any decommissioning statutes and rules in effect at that time.

Issued_____

PROPOSED CERTIFICATE

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Raymond Eliot Crafton,
Section Manager, for
Ivan Gall, Director
Oregon Water Resources Department

Exhibit A


SECTION 3 T. 41 S. R. 8 W. W.M.
JOSEPHINE COUNTY
scale: 1"=400'
Book 21
2160'
1350'
2550'
1325'
NORTH WEST CORNER of SECTION 3
Section 4
SISKIYOU NATL FOREST
power Plant + water return Application # 1
Pipe Line
Scotch Gulch Creek
point of Diversion Application # 1
power plant + water return Application # 2
Pipe Line
point of Diversion Application # 2
EXHIBIT A PROJECT MAP
for APPLICATION # 1