

Forest Project Submittal Form

Instructions: Please complete all fields as thoroughly as possible. If the project in question is still in the planning/development phase, all fields must be completed using best available data and estimates based on the proposed project design. This is an interactive Word form. Upon completion, please save this form as a PDF prior to uploading it to the Reserve. All fields must be completed, even if the answer is also provided elsewhere; if a field is not applicable insert N/A in the space provided.

Section 1: Project Contact Information

Project Name (as it appears in the Reserve software): Usal Redwood Forest

Account Holder (as it appears in the Reserve software)¹: **Usal Redwood Forest Company, LLC**

Is the Account Holder authorized to sign the Attestation of Title form on behalf of all Forest Owners?¹

☒ Yes

☐ No

Is the Account Holder authorized to sign the Restrictive Covenant and Project Implementation Agreement (the "PIA")?²

☒ Yes

☐ No

Please disclose any impediments that may exist to the Account Holder signing the PIA:

Forest Owner (name of business entity as corporation, partnership, or individual): **Usal Redwood Forest Company LLC, a wholly owned subsidiary of the Redwood Forest Foundation, Inc. (RFFI)**

Forest Owner Contact: **Don Kemp, Redwood Forest Foundation, Inc.**

Technical Consultants who have assisted in Project Development (name of business entity as corporation, partnership, or individual): **US Forest Capital, LLC & Campbell Timber Management**

Technical Consultant Contact: **Tom Tuchmann, US Forest Capital LLC, 503.220.8103**

Other Parties with a Material Interest in the project: **Not applicable.**

¹ The Account Holder must also be the Forest Owner. The Forest Owner must sign the Attestation of Title and the PIA. Multiple parties that are involved in the ownership of the land and project itself must be disclosed to the Reserve in this form.

² Please review the PIA prior to listing to determine if the Account Holder is eligible as a Forest Owner.



Date of Form Completion: **April 30, 2010**

Form Completed By (name, organization): **Tom Tuchmann, US Forest Capital, LLC**

Section 2: Ownership and Organization Summary

1. Is the proposed Forest Owner the property owner(s) in fee for the Project Area? (Owner in fee is the absolute owner of real property and free from any restrictions, conditions or limitations.)

☒ Yes ☐ No

If yes, please complete the following:

- (a) Provide documentation (e.g. deed of trust, title report, etc.) showing Forest Owner's ownership interest in the property and its interest in the trees and standing timber located on the property. Upload as a separate PDF titled "*Ownership Interests Documentation*".

If no, please answer/complete the following:

- (a) Explain how the entity identified as the Forest Owner has the right to undertake the project, register it with the Reserve, and execute the PIA:
- (b) Would Forest Owner's execution of the PIA breach any relevant legal obligation or agreement it has with the fee owner(s) of the property?

☐ Yes ☐ No

If yes, please explain:

- (c) Has consent been given by the fee owner(s) of the property to the project and to Forest Owner executing the PIA?

☐ Yes ☐ No

If no, please explain:

- (d) Does Forest Owner anticipate that the fee owner(s) of the property will also execute the PIA with the Reserve?

☐ Yes ☐ No

- (e) Provide documentation (e.g. deed of trust, title report, etc.) showing Forest Owner's ownership interest in the property or its interest in the trees and standing timber

located on the property. Upload as a separate PDF titled “*Ownership Interests Documentation*”.

2. List all owners of the property in fee, the ownership structure, and the Assessor Parcel Number (APN) for each tract of land in the Project Area:

Names/Entity	Entity Type (e.g. corporation, partnership, individual)	APN
Usal Redwood Forest Company LLC	LLC	Please see attached "Usal APN."

3. If more than one name is listed as fee owner in the table above, who is authorized to sign on behalf of all parties and who will be designated to manage the project³?
4. Provide documentation (e.g. deed of trust, title report, etc.) showing other property interests existing within the Project Area, which are held by third parties and affect the trees and standing timber located on the property (e.g., mineral rights, timber rights, easements, rights of way, leases etc.). Upload as a separate PDF titled “*Ownership Interests Documentation*”. In addition, in the table below, please list all entities that hold any direct or indirect⁴ legal interest⁵ in the trees or standing timber located on the property and what right the entity has through such interest to impact the trees or standing timber on the property.

Name/Entity	Type of Legal Interest	Potential Impact on Trees / Standing Timber
Alexander McPherson	Mineral rights	3,424.1 acres affecting Usal Redwood

³ Only one entity can sign the Attestation of Title, Attestation of Regulatory Compliance, and the Attestation of Voluntary Compliance. If a Forest Owner consists of combination of eligible entities, it is the responsibility of the Forest Owners to designate one entity with the authority to sign on behalf of all parties.

⁴ An "indirect interest" is any property interest that is not specific to trees or timber, but that could potentially impact the trees or standing timber located on the property.

⁵ Such interests could include a mineral or subsurface interest, surface interest, development right, future interest (reversionary or remainder interest), easement, or right of way.



Estate, Incorporated		Forest Company LLC (URFC)
Claire McKee Holmes and Bertha McKee	Mineral rights	200 acres affecting URFC
Robert H. Haskell and Mary C. Haskell	Mineral rights	323.52 acres affecting URFC
John C. McPherson and Muriel McPherson and Clarke McPherson and Otilie C. McPherson	Mineral rights	323.52 acres affecting URFC

For each entity listed above, please provide further explanation of their rights to impact or otherwise affect the property, trees, and standing timber located on the property, and what impediments such rights could potentially pose to implementation of the Forest Project: To our knowledge, none of the mineral interests listed above have been exercised, and as of this date, neither RFFI nor URFC has been notified by any mineral rights holder about future actions that would impacts the property, trees, and standing timber located on the property.

5. Is this project located on public land?

☐ YES ☒ NO

If yes, describe how the project's management activities and baseline will be approved, including any public vetting processes necessary to evaluate management and policy decisions concerning the project activity:

6. Is this Project Area located on tribal land?

☐ YES ☒ NO

If yes, describe how the land within the Project Area is owned by a tribe or private entities:

Section 3: General Project Site Information

1. Specify your forest project type:

☒ Improved Forest Management

☐ Reforestation



☐ Avoided Conversion

2. Project Start Date (format MM/DD/YYYY): **06/13/2007**
 - a. Specify the actions that identify the project start date: **The entire 49,000-acre Usal Redwood Forest was acquired by Usal Redwood Forest Company LLC on June 13, 2007. Usal Redwood Forest Company LLC is a wholly-owned subsidiary of Redwood Forest Foundation, Inc. (RFFI), a non-profit organization comprised of timber, environmental, business and community leaders. RFFI is dedicated to acquiring, protecting, restoring and managing forestlands for the long-term benefit of the local community. The Usal Redwood Forest was purchased for the multiple and equally important purposes of establishing a community forest, generating jobs, protecting habitat, improving water quality, providing recreational opportunities for the community and ensuring the long-term sequestration of carbon.**
 - b. For Improved Forest Management project provide documentation (i.e., management plan that denotes a change in practice, conservation easement, transfer to public ownership, or date of signing of the PIA) supporting the project start date. Upload as a separate PDF titled "*Project Start Date Documentation*".
3. What assessment area or area(s) does the project fall within (see Appendix F online at: <http://www.climateactionreserve.org/how/protocols/adopted/forest/resources/#appendix-f-documents>) **Coast Redwood/Douglas-fir mixed conifer**
4. What year will/did the project first generate reductions (format: YYYY)? **06/13/2007**
5. Project Reporting Start Date (Estimated date reporting of reductions with the Reserve shall begin; i.e. the first planned verification date; format: MM/DD/YYYY): **06/13/2111**
6. How many acres is the Project Area? **49,000 acres**



7. Have any vintage reduction tonnes from the project ever been registered with or claimed by another registry or program, or sold to another third party prior to registering with the Reserve? **No.**

If the answer is yes, you must complete and return a "*Registry Project Transfer*" form.

8. Describe how the project boundaries were determined: 92% of the Usal Redwood Forest is classified as forestland. The project boundary is, therefore, congruent with the legal description of the property. See attached map.

9. Total Project Area acreage: 49,000 acres

10. Describe the GHG Assessment Boundary for the project, including any optional carbon pools/reservoirs that will be included: The primary pools that will be included in the GHG Assessment Boundary include: IFM-1: Standing live carbon, IFM-3: Standing dead carbon, and IFM-7: Carbon in in-use forest products.

The secondary pools that will be included include: IFM-9: Biological emissions from site preparation activities, IFM-14: Biological emissions/removals from changes in harvesting on forestland outside the Project Area, and IFM-17: Biological emissions from decomposition of forest products.

11. Provide a general description of the forest conditions within the Project Area:

- a. Species (tree) composition: Based on total basal area, approximately 56% species volume is conifer (Redwood (42%) and Douglas fir (58%)). Approximately 44% of species volume is Tanoak.
- b. Age class distribution: The age class distribution is typical of an industrially managed Redwood/Douglas fir forest along California's pacific coast with stands ranging from 2

(no harvest in last two years) to 45 years, with isolated trees and very small stands up to 100 years.

- c. Management history: The property has been intensively managed by different landowners for timber production for over 100 years. Usal Redwood Forest Company has managed the property since June 2007. No harvest has occurred since 2007 as the Foundation has been modifying timber harvest plans. Prior to the Foundation's ownership, the Hawthorne Timber Company managed the property from December 1999 through June 2007. Georgia-Pacific Corporation managed the lands since they acquired them from Boise Cascade in 1973. The Union Lumber Company owned and managed the lands from 1950 until 1969 when they merged with Boise Cascade.
- d. Associated flora and fauna: Usal Redwood Forest provides critical habitat for the following Federally threatened species: Northern spotted owl, Coho salmon, Chinook salmon and Steelhead trout. Usal also provides critical habitat for other sensitive species and/or listed species, including Cooper's hawk, Osprey, Vaux's swift, Northern red-legged frog, Tailed frog, Southern seep/torrent salamander and Western pond turtle. The Foundation and previous owners have also monitored occurrences of 14 additional wildlife species and 7 important botanical resources.
- e. Recreational opportunities: There are numerous recreational opportunities on the Usal Redwood Forest. These include: The Usal Forest contains a 17.4-mile property border along the South Fork of the Eel River and Usal Creek; The western boundary of the property is adjacent to Usal Beach State Park where there are beach and water based recreational opportunities; Usal Creek flows through Usal Forest to Usal State Park; The Usal Forest adjoins the Sinkoyne State Wilderness, Sinkoyne Wilderness State Park, South Fork Eel State Park, Standish-Hickey State Park, and Reynold Wayside Park.

A conservation easement will allow public access for an array of public recreational opportunities including hiking, bird watching, biking, and other non-motorized activities. Motorized recreational activities will only be allowed on existing roads. For public safety, RFFI's forest management plan will identify those areas and those times of the year

where permission will be required to access the property given fish and wildlife issues, timber management and other considerations.

- f. Watercourses: Usal Redwood Forest contains more than 18 creeks and tributaries, including Usal Creek and South Fork Eel River tributaries such as Indian and Stanley Creeks. In total, there are 437 miles of Class I, II, and III streams on the property, including 59.1 miles of fish bearing streams. The Forest's eastern boundary runs approximately 7.5 miles along the South Forest Eel River, which is a component of the California Wild and Scenic Rivers System.

12. Provide a general description of land management activities occurring on similar landscapes: Private land management activities are focused on growing and harvesting of timber primarily through even-age management techniques. Landowners have, to a lesser extent, also managed their properties to take advantage of rock, gravel and subsurface minerals on their properties. Over the last decade, industrial timberlands have increasingly been fragmented into smaller lots and sold for development, recreational/second homes, and vineyard conversion

13. Will the project become part of an aggregate?

☐ YES ☒ NO

Section 4: Project Eligibility

1. Is commercial harvesting planned or ongoing within the Project Area?

☒ YES ☐ NO

If yes, describe how the Forest Owner will satisfy one of the three requirements for employing and demonstrating sustainable long-term harvesting practices on all of its landholdings (Refer to Section 3.9.1 of the Forest Project Protocol for additional information): The Forest Owner will employ and demonstrate sustainable long-term harvesting practices through adherence to the California Forest Practice Rules. The Forest Owner is preparing an "Option a" for submittal to Cal Fire that balances growth and yield over time as required by 14CCR 913.11(a). Balancing growth and harvest over time will be accomplished through the implementation of an array of



silvicultural harvest regimes on the ownership. Where necessary, management activities will be constrained to account for resources protection measures. The “Option a” document will contain specific monitoring and reporting obligations to verify compliance with the management plan.

2. Specify how the project meets (or will meet) the following requirements under “Natural Forest Management” (Refer to Section 3.9.2 of the Forest Project Protocol for additional information):
 - a. Native species: Based on the sum of the carbon in the standing live pool, at least 95% of the Usal Redwood Forest is comprised of native species with 44% comprised of Tanoak, 58% comprised of Douglas fir and 42% comprised of Redwood.
 - b. Composition of native species: No single species exceeds the Reserve Species Diversity Index. Douglas fir is the predominant species and contributes 58% of the total conifer volume. Redwood is the second most common species and represents 42% of the total conifer volume. Tanoak is a native species that is over represented within the project area. A top silvicultural priority One of the Foundation’s top priorities is to reduce the Tanoak component to 20% of total composition.
 - c. Distribution of age classes/sustainable management: The Usal Redwood Forest will use best efforts to become certified by the Forest Stewardship Council or equivalent body, within 5 years of initiating harvest. In addition, a long-term sustained yield management plan, “Option A”, is being drafted to comply with the State of California’s forest practices act.
 - d. Structural elements: The abundance and distribution of structural elements on the Usal Redwood Forest is largely a function of past management activities. Harvesting operations from the 1950’s through the end of the 1980’s targeted the remaining large diameter old growth trees. Due to the challenges and expense associated with the transportation of logs, there was a substantial amount of non-merchantable wood left on site. Ground and cable yarding systems used to facilitate harvest also damaged residual trees, increasing the abundance of standing dead wood on the property.



3. Will the project incorporate broadcast fertilization? No.
4. Will this project employ a Qualified Conservation Easement or Qualified Deed Restriction?
☒ YES ☐ NO
- a. Date the Qualified Conservation Easement or Qualified Deed Restrictions will be recorded: First Quarter, 2011
- b. Terms that affect forest management within Qualified Conservation Easement or Qualified Deed Restriction: The Conservation Easement will require that the following management practices be implemented across the 49,000 project area:
- ☐ No use or transfer of development rights;
 - ☐ Harvest limited to no more than 2.9% percent of inventory measured on an annual average basis over 5-year periods;
 - ☐ Retain a minimum of 15 percent conifer and hardwood aggregated by area or dispersed by basal area post-harvest on all even-aged stand treatments;
 - ☐ Minimum 60' (slope distance) on both sides of Class III watercourses with at least 50 % total canopy retention post-harvest;
 - ☐ Any agricultural, farming or ranching use, including without limitation, planting, raising, harvesting and producing agricultural crops or products, including (but not limited to) row crops, orchards, vineyards, or any other activities that involve tillage of soil is prohibited;
 - ☐ The conversion of native vegetation to exotic species, and/or the intentional introduction of exotic and invasive non-native plant or animal species are prohibited.

Reforestation Projects

5. The project is submitted under the eligibility requirement of:
- a. ☐ Less than 10 percent tree canopy cover for a minimum of 10 years

- i) Describe why the forest has been out of forest cover:
- b. ☐ Subject to a significant disturbance that has removed at least 20 percent of the land's above-ground live biomass.
 - i) Describe the nature and effects of the significant natural disturbance that occurred:
 - ii) Indicate the eligibility scenario pertaining to the project site as identified in Appendix E of the Forest Project Protocol and explain why your project meets that scenario criteria OR provide a description of how the project occurs on a type of land for which the Forest Owner has not historically engaged in or allowed timber harvesting:
- 6. List any laws, statutes, regulations or other legal mandates that would encourage or require reforestation on the Project Area:

Improved Forest Management Projects on Private Lands

- 7. Description and citation of any and all legal constraints affecting forest management activities on the Project Area:

Federal legal constraints:

- o Endangered Species Act (ESA) (16 U.S.C. §§1531-1544) - Under ESA Section 9, RFFI is prohibited to "take" any listed species. RFFI must seek a Section 10 Incidental Take Permit and comply with the associated Habitat Conservation Plan in the event that an otherwise lawful act would result in a take of a listed species. Listed species that may occur in Usal Redwood Forest include Northern spotted owl, Coho salmon, Chinook salmon and Steelhead trout.
- o Clean Water Act (CWA) (33 U.S.C. §§ 1251-1376) - Many California streams, including the South Fork Eel River, have been listed as impaired waterways under Section 303(d) of the CWA. In accordance with its Section 303(d) listing, the South Fork Eel River Total Maximum Daily Loads (TMDL) for Sediment and Temperature identifies 12 forestry-related

measures to address nonpoint source pollution problems. Activities performed on Usal Redwood Forest must ensure the implementation of these measures.

State legal constraints:

- o Z'berg-Nejedly Forest Practice Act (FPA)
- o The Z'berg-Nejedly Forest Practice Act (FPA)
- o California Forest Practice Rules (CFPR)
- o California Endangered Species Act (CESA)
- o Porter-Cologne Water Quality Control Act
- o California Environmental Quality Act (CEQA)

Local legal constraints: Not applicable.

Private legal interest constraints: Not applicable.

Improved Forest Management Projects on Public Lands

8. Describe how current and future public policy will affect onsite carbon stocks and how the baseline modeling incorporates constraints imposed by all applicable statutes, regulation, policies, plans and Activity-Based Funding:

Improved Forest Management Projects

9. Does the forest land have an estimated canopy cover of 10 percent or greater? Yes
10. Does the project take place on land that was part of a previously registered Forest Project?
- ☐ YES ☒ NO
- a. If yes, why was the project terminated?

Avoided Conversion Projects



1. Describe how the type of anticipated land use conversion is legally permissible:
2. Describe how the Project Area will be dedicated to continuous forest cover (i.e., through a conservation easement or transfer to public ownership):

11. Was the land under private ownership prior to project start date? ☐ YES ☐ NO

3. Specify the highest value alternative land use identified in the real estate appraisal for the Project Area and describe how the physical characteristics of the Project Area are suitable for the alternative land use:

4. Where conversion is to commercial, residential, or agricultural land use, is the slope of the Project Area greater than 40%?

☐ YES ☐ NO ☐ N/A

If yes, please explain:

5. Where conversion is to mining land use, describe the extent of mineral resources existing in the Project Area:
6. Where conversion to residential, commercial, or recreational land use is anticipated, please describe:
 - a. The proximity of the Project Area to metropolitan areas:
 - b. The proximity of the Project Area to grocery and fuel services and accessibility of those services:
 - c. Population growth (people per year) within 180 miles of the Project Area:

Additional information:
