

Climate Forward Project Submittal Form

Instructions: Please complete all fields as thoroughly as possible. If the project in question is still in the planning or 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. This will lock your answers and protect the document from any further changes. 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. Upon approval, this form will become public.

If this project intends to report under the Reserve's Voluntary Offset Program or the California Cap-and-Trade Program, this is not the correct form.

1. Account Holder (as it appears in the Climate Forward Program software):	EFM
2. Project Name (as it appears in the Climate Forward Program software):	Henry Creek
3. Project ID # (as it appears in the Climate Forward software):	CF
4. Approved Forecast Methodology (Name and Version, must be an approved Forecast Methodology as listed on the Climate Forward webpage):	Reforestation Forecast Methodology v1.1
5. Form Completed By (name, organization):	Amrita Vatsal, EFM
a. Contact Information (physical address, phone, email):	721 NW 9th Avenue, Suite 230; Portland, OR 97209 amrita@efmi.com (503) 467.0801
b. Date Form Submitted:	March 15, 2022
6. Technical Consultant, if applicable (Organization/Individual Name):	
a. Contact Information:	See below.
7. Other Parties with Material Interest, if applicable (Organization/Individual Name):	DroneSeed Co.
a. Role (E.G., technical consultant, project financing):	Project Partner / Co-developer
b. Contact Information:	Cassie Meigs, DroneSeed 950 NW Leary Way, Seattle, WA 98107 cassie.meigs@droneseed.co 541-740-0254
Project Details	
8. Project Start Date (MM/DD/YYYY)	3/17/2021



<p>9. Project Crediting Period (specify crediting start date and crediting end date in MM/DD/YYYY-MM/DD/YYYY format):</p>	<p>3/17/2021 - 3/17/2121; project area will be placed under a perpetual conservation easement</p>
<p>10. Project site address (including county/jurisdiction, country):</p>	<p>Marion and Clackamas Counties, Oregon. Coordinates: 44.889024, -122.293646</p>
<p>11. Project description (please provide one to two paragraphs summarizing the technologies/actions to be implemented; additional details required by a specific methodology – e.g., acreage – may be included here):</p>	<p>This project involves the reforestation of ~850 acres within the Henry Creek watershed in western Oregon burned in the 2020 Beachie Creek Fire, undertaken in two phases with different reforestation methods as described below.</p> <p>Phase 1: 300 acres</p> <p>Project proponents used heavy-lift drones that deploy seed vessels in conjunction with traditional hand planting of nursery-grown container seedlings. Seed and seedlings used were selected from appropriate species, seed zones, and elevations for the project area. Planting prescriptions were based on a desired 300 trees per acre stocking density. At the time of seeding and planting, plots were established to monitor the long-term survival and growth of the seedlings.</p> <p>Phase 2: 566.5 acres</p> <p>Project proponents used traditional hand planting of nursery-grown container seedlings on these acres. Seedlings used were selected from appropriate species and elevations for the project area. Planting prescriptions were based on the desired range of 360 to 436 trees per acre stocking density. At the time of planting, plots were established to monitor the survival of the seedlings.</p>
<p>12. Baseline description (explanation of pre-project scenario):</p>	<p>The Henry Creek project area is well-situated for long-term carbon storage and timber production being located in the midst of outstanding protected areas including the Table Rock and Opal Creek Wildernesses. The property is zoned for commercial forestry and has been managed under private, industrial ownership prior to EFM's ownership. It has a history of being operated as a commercial tree farm for timber production under previous owners like Port Blakely and Weyerhaeuser.</p> <p>However, the Labor Day Beachie Creek fire of 2020 dramatically altered the vegetation trajectory of this landscape. The fire burned with high severity over nearly the entire property causing nearly 100% tree mortality and consuming organic litter and duff layers of the soil. Few live seed trees remain in the project area, and those that remain are limited to riparian areas removed from the reforestation area.</p> <p>Left unto itself, the property would take many decades to regenerate to meet the stocking levels appropriate for the site.</p>

13. Estimated Forecasted Mitigation Units (estimated total amount of FMUs to be generated by project):	550,000 FMUs		
14. Description and citation of local, state, jurisdictional, federal, or other mandates or regulations pertinent to the project (if applicable):	Reforestation under state law is not required in the proposed project area because these acres were not salvaged logged after the fire and burned sub-merchantable areas were considered free to grow at the time of the Beachie Fire.		
15. Project Ownership (Provide evidence that Account Holder has ownership of project, including right to credits generated by project. If necessary, submit additional ownership documentation as an attachment):	EFM's Fund III (Ecotrust Forest III LLC) is the legal holder of the fee-title to Henry Creek property. EFM Investments & Advisory, Inc. is the forestland manager and Managing Member of the Fund. By virtue of this role, it has the authority to develop the project and hold title to the credits on behalf of the Fund.		
Project Eligibility and Implementation		Yes	No
16. Is the Account Holder authorized to sign the "Attestation of Title" form?		<input checked="" type="checkbox"/>	<input type="checkbox"/>
17. Is the project being implemented and maintained as a result of any law, statute, regulation, court order, or other preexisting legally binding mandate?		<input type="checkbox"/>	<input checked="" type="checkbox"/>
18. Has this project been submitted to another registry or program?		<input type="checkbox"/>	<input checked="" type="checkbox"/>
a. If so, has the project been accepted (listed, approved, pre-approved, etc.) by the other registry or program?		<input type="checkbox"/>	<input type="checkbox"/>
19. Have any GHG reductions associated with the project ever been registered with or claimed by another registry or program prior to registering with the Reserve? <i>If yes, you must complete and return a Registry Project Transfer Attestation form.</i>		<input type="checkbox"/>	<input checked="" type="checkbox"/>
20. Have any GHG reductions from the project ever been sold directly to a third party (i.e. sold without being registered with or claimed by another registry or program) prior to submitting to the Reserve?		<input type="checkbox"/>	<input checked="" type="checkbox"/>
21. Additional information (if any):			
Methodology Applicability			
22. Describe how the project meets the project definition and eligibility requirements of the approved Forecast Methodology identified above (in Question 4):	<p>Eligibility Rule I: The Henry Creek project area is a prime location for growing conifers and is directly adjacent to designated wilderness areas. The project areas burned at high severity in 2020 and according to recent literature (Stevens-Rumann, 2019) planting is often recommended in high severity burn patches.</p> <p>Eligibility Rule II: Project proponents are submitting the project within 1 year of the planting start date, which was March 17, 2021 and the project area will be under a conservation easement with terms amenable to long-term carbon sequestration goals.</p> <p>Eligibility Rule III: The Henry Creek project area burned in 2020 and contains <25% live tree canopy. According to recent literature (Stevens-Rumann, 2019) planting is often recommended in burn patches where the nearest living trees are >90 m away, as in the case of this project area.</p>		

	<p>Eligibility Rule IV: Eight native species are being seeded or planted in most areas to assist ecosystem recovery by reducing erosion, improving air and water quality, and creating habitat and recreation opportunities.</p> <p>Eligibility Rule V: There is no legal obligation to reforest the Henry Creek project area. Project proponents will submit signed Attestation of Legal Additionality and Attestation of Regulatory Compliance forms.</p> <p>Eligibility Rule VI: The Henry Creek project does not overlap with other applicable carbon sequestration projects or programs. The landowner has legal ownership of the trees and holds all rights to GHG emissions reductions from this project. Project proponents will submit a signed Attestation of Title form and a map identifying the areas in which the reforestation project has been undertaken.</p> <p>Eligibility Rule VII: The Henry Creek site is an ideal location for growing trees, is adjacent to public land and designated wilderness and will be placed under a conservation easement.</p> <p>Eligibility Rule VIII: The Henry Creek project will be placed under a conservation easement with required RM terms and will use conservative estimates of carbon projections as specified in the methodology.</p> <p>Eligibility Rule IX: Project proponents acknowledge that this ex-ante approach recognizes the future value of carbon in reforested sites to finance a substantial portion, if not all, of site preparation and planting costs. We are using the project as an opportunity to demonstrate the merits of this methodology.</p> <p>Eligibility Rule X: Project proponents will ensure adequate stocking of live trees and monitor survival a year after the reforestation effort is completed. In addition, project proponents are ensuring that sufficient seed is available in the event that additional seedlings are needed to ensure adequate carbon stocking is met during the critical first years of growth.</p>
<p>23. Describe what action the project is undertaking to delineate the Project Start Date as stated above (in Question 8):</p>	<p>The project start date is 3/17/21, which coincides with the first direct seeding event of native conifers on the project area.</p>

End of form

