

Monitoring element	Aspects	Frequency of Monitoring	Is the Condition of the Aspect Positive or Negative	Level of Aspect Condition Impact	Date Sampled (publication)	Is Impact Reversible or Permanent	Level of Certainty About the Impact	Area Type Monitored	Name of Area	Monitoring Aspect Results	How Will Element Aspects Be Monitored
Project boundary and infrastructure	External project boundary, buildings, quarters, stores, nursery, workshop, pump station, etc.	Monthly	Positive	High	15-Dec-23	Reversible	Strong Certainty	FMU Boundaries and Infrastructure	Community Protected Area (CPA)	The external boundaries and fixed structures are in fair condition with one storage shed that had to be re-fabricated out of galvanized steel, and the wooden office door had to be repaired.	By the management team through ground level inspections and aerial drone surveys
Conservation areas	Integrity, buffers, disturbance.	Quad-Annual	Positive	High	09-Nov-20	Reversible	Strong Certainty	FMU natural buffer zones and HCV	community Protected Area (CPA)	Conservation area remains INTACT without visible signs of human disturbance	Daily during the Dry Season by the fire-watch monitoring signs of human disturbance, and by daily ground level inspections, weekly aerial drone surveillance, and periodic patrols conducted by the management team
Safety and Health	Use of Personal Protective Equipment, observation of safety and health practices.	Daily	Positive	High	05-Jan-24	Reversible	Strong Certainty	TF1 FMU	community Protected Area (CPA)	SOP#17 is enforced on a daily basis by the management team, and no serious Safety and Health violations warranting disciplinary actions have been documented thus far	Through the incident report mechanism that is in place, through worker testimonies, and disciplinary actions by the management team
Road network	Condition of roads, drainage, culverts, pipes.	Monthly	Positive	High	15-Dec-23	Reversible	Strong Certainty	TF1 FMU	community Protected Area (CPA)	The road infrastructure condition is good, the safety rating is still high, with minor erosion and Kuyun damages that have been repaired	Through daily staff sighting and reporting, and through monthly assessments made by the management team
Irrigation system	Condition of electric system/switch boards, pumps, filters, pipes, valves, drip lines.	Daily during Dry season	Positive	Medium	05-Jan-24	Reversible	Strong Certainty	TF1 FMU	community Protected Area (CPA)	The irrigation system is if fair working condition, it has been fully flushed twice, some parts and accessories have been replaced due to normal service life wear, ongoing leak detection and repair is prioritized between November to June.	By the irrigation operation manager throughout each day of operation overseen by the Chief Operation Officer monitoring system pressures and performance
Plant production	Production and quality of planting material.	Monthly (Dormant)	Neutral	Neutral	Dormant	N/A	N/A	FMU nursery	community Protected Area (CPA)	N/A	N/A
Stand establishment	Site preparation, planting, weeding.	Monthly (Dormant)	Neutral	Neutral	Dormant	N/A	N/A	TF1 FMU	community Protected Area (CPA)	N/A	N/A
Silvicultural operations	Singling, thinning, pruning.	Monthly	Positive	High	05-Jan-24	Reversible	Strong Certainty	TF1 FMU	community Protected Area (CPA)	Pruning operations are reduced between December to June due to slower growth rates, HR constraints and prioritization of more critical irrigation system maintenance operations	Through ground level inspections by the field workers and the management team
Growth development	Measurement of Permanent Sample Plots (PSP).	Annually	Positive	High	15-Sep-23	Reversible	Strong Certainty	TF1 FMU	community Protected Area (CPA)	Growth and development rates are positive and consistent relative to the trees age, with mortality rates remaining as low as 0.7% per Hectare	By 28 permanent sampling DRL-26C Dendrometers, and by random DBH and Height measurement of 20m x 20m grid samplings per valve by the management team at the request of the overseas management unit
Pests and diseases	Heart/root rot, fungal and viral infections, insect damage in the nursery and field.	Daily	Positive	Medium	05-Jan-24	Reversible	Strong Certainty	TF1 FMU	community Protected Area (CPA)	Pests: Solenopsis geminata has been spotted in limited concentrated population numbers through parts of valve W5. Field rats and mice damages remain limited to some rocky areas with minor damage to driplines. Hyblaea puera infestation has not yet been detected in 2024. Diseases: nothing significant or worth addressing.	Through daily staff sighting and reporting, and through monthly assessments made by the management team
Abiotic impacts	Impacts caused by storms, floods, and lightning.	Quad-Annual	Positive	High	25-Nov-23	Reversible	Strong Certainty	TF1 FMU	community Protected Area (CPA)	No significant damages have been detected or recorded which warrant action	Through daily staff sighting and reporting, and through monthly assessments made by the management team
Fire readiness	Condition and functionality of firefighting machinery, tools, equipment, adequacy of human skills in fire prevention and firefighting.	Annual during December to June	Positive	High	15-Nov-23	Reversible	Strong Certainty	TF1 FMU	community Protected Area (CPA)	Fire readiness remains on High alert during the months of December to June, field teams have been briefed and refreshed, a fire-watch is in place on top of the HCV hill-top during the day from 07:30 to 17:00. Firebreaks have been stripped of all vegetation and are effective as of January 10th 2024.	Daily by the management team, and weekly by aerial drone surveys during the months of December to June

Fire risk	<i>Fire prevention, early detection, fire suppression.</i>	Daily during December to June	Positive	High	05-Jan-24	Reversible	Strong Certainty	TF1 FMU	community Protected Area (CPA)	Fire risk remains High during December to June. Field teams have been briefed and refreshed about prevention, detection, and emergency suppression. A fire-watch is in place on top of the HCV hill-top during the day from 07:30 to 17:00. Firebreaks have been stripped of all vegetation and are effective as of January 10th 2024. Irrigation system is active daily with sufficient flow and pressures over 4m. All TF1 boundaries are closely monitored daily.	Daily by the management team, and weekly by aerial drone surveys during the months of December to June
Environmental impacts	<i>Soil erosion, soil compaction, water ponding, water pollution, waste disposal, storage, mixing and field application of chemical.</i>	Annual	Positive	High	24-Nov-23	Reversible	Strong Certainty	TF1 FMU	community Protected Area (CPA)	Soil erosion levels are declining as the tree stand and natural vegetation continue to develop and spread. Soil compaction remains neutral with positive water absorption. No signs of abnormal water ponding has been detected. Water pollution needs to be tested however since 2022 fertilizer usage has been reduced by 99%. ALL other chemicals have been banned by the management team, and the new waste management procedures which were adopted in 2022, suggests that no artificial man-made chemicals are currently present throughout the MU which can leach into the ground and water-ways.	Weekly by the management team, and Annually by testing the water quality and contamination levels of the Two major natural water-way drainages in the WEST and in the Pilot areas.
Illegal activities	<i>Illegal logging, hunting in conservation and protection areas including buffer zones.</i>	Daily	Positive	High	05-Jan-24	Reversible	Strong Certainty	TF1 FMU	community Protected Area (CPA)	Illegal activity levels remain Low with only Three separate documented incidents through 2023 which have been reported to the local authorities, where; unauthorized breaches of the MU boundaries by illegal loggers in Three different locations, gaining temporary access to the surrounding external buffer zones that are part of the National Forest. Additional barriers preventing unauthorized illegal loggers access have been put in place, limiting unauthorized access to vehicles larger than motorcycles. HCV area remains sealed off and inaccessible to any type of vehicle, and is currently free of any human disturbance.	Daily by the management team and field teams, and weekly by aerial drone surveys.
Social impacts	<i>Complaints, grievances, conflicts, accommodation, hygiene/sanitary conditions.</i>	Monthly	Positive	High	05-Jan-24	Reversible	Strong Certainty	TF1 FMU	community Protected Area (CPA)	As of January 2024, no official or unofficial complains or grievances have been filled or brought forward to or against the MU. The TF1 official Grievance procedure mechanism has been explained and disseminated to the local community through the local officials channel. Staff accommodations and sanitary conditions remain fair and positive with some improvements made at the expense of the MU upon the request of the staff.	Conflicts, Grievances and Complaints are monitored daily by the management team. Accommodations, Hygiene/Sanitary conditions are monitored monthly by the management team.
Human Resource Management	<i>Performance assessment, safety and health practices, training measures, staff benefits.</i>	Annually	Positive	High	25-Dec-23	Reversible	Strong Certainty	TF1 FMU	community Protected Area (CPA)	Staff performance remains positive. Safety and Health practices remain positive, SOP#17 is enforced on a daily basis by the management team and no serious Safety and Health violations warranting disciplinary actions have been documented thus far. Training on upcoming harvest operations are currently being developed and reviewed. Staff benefits remain fair and positive superseding the MLVT's standards and requirements.	Performance assessments are monitored annually by the COO. Safety and Health practices are monitored daily by the management team. Training measures are monitored by the management team. Staff benefits are monitored by the COO.
Standard Operating Procedures	<i>Completeness, changes in procedures, practicality.</i>	Annually	Positive	High	25-Dec-23	Reversible	Strong Certainty	TF1 FMU	community Protected Area (CPA)	SOPs are constantly being amended and developed as necessary on a case-to-case basis to assure they can be practically implemented in order to benefit the company's investment strategy and accomplish the MUs goals, while remaining aligned with the FSC standard.	Annually by the COO and CEO through reviewing the MUs strategy implementation performance.
Economic performance	<i>Cash flow model, P/L projection, IRR.</i>	Annually	Positive	High	15-Dec-23	Reversible	Strong Certainty	TF1 FMU	community Protected Area (CPA)	Cash flow model remains positive and aligned with initial P/L projections model. IRR data is currently being analyzed against market value research studies indicating positive projected rates.	Annually by the CEO and the board of directors.