QUARTERLY REPORT ULU SEGAMA-MALUA SUSTAINABLE FOREST MANAGEMENT PROJECT (FMU 20,21,22) YEAR: 2017

NO.	NO. ACTIVITIES LOCATION / TARGET Achievement (ha)					REMARKS				
		COMPARTMENTS	(ha)	Q1	Q2	Q3	Q4	Total (ha)	Percentage (%)\	
1	Silviculture	OGMI / UCT IN EACT OF	(iid)							
	a. Silviculture treatments for new compartments	110	440	0	0	44	366	410	93%	PPM Fund
		111	0	0	0	0	25	25	#DIV/0!	WWF (Malaysia) Fund
		153	561	0	561	0	0	561	100%	1
		154	500	0	500	0	0	500	100%	<u> </u>
		155	326	0	326	0	0	326	100%	<u> </u>
		156 157	688 504	0	0	671 368	0	671 504	98% 100%	↓
			504 562	0	136	368 0	0		100%	4
		169 171	371	0	562 371	0	0	562 371	100%	
		171	597	0	597	0	0	597	100%	
		174	682	0	0	682	0	682	100%	+
		175	493	0	493	0	0	493	100%	HoB Fund (RMK 11)
		177	595	502	93	0	0	595	100%	1
		178	467	467	0	0	0	467	100%	†
		185	516	0	0	0	0	0	0%	†
		189	354	0	132	0	0	132	37%	†
		167	0	0	0	840	0	840	#DIV/0!	1
		168	0	0	0	752	0	752	#DIV/0!	<u> </u>
1		190	722	0	0	0	0	0	0%	1
1		225	562	399	404	0	0	803	143%	4
1		226	0	1,429	0	0	0	1,429	#DIV/0!	
	TOTAL		8,940	2,797	4,174	3,357	391	10,720	120%	
2	Forest Restoration									margari i i i i
1	a. Planting	111	0	0	0	0	75.2	75.2	0%	WWF (Malaysia) Fund
1		119	440	440	0	0	0	440.00		Ececuted by Yayasan Sime Darby. All planting and
1		120	619	0	567.18	0	0	567.18	92%	silviculture works were stopped by end of June 2017 with the order from YSD.
		122	125	36	0	0	0	36.00		the order from YSD.
	TOTAL	400	1184	476	567.18	0	75.2	1118.38		han
	b. Maintenance	103 104	550 300	112.57	386.94	261.58 59.65	0.00	761.09		YSG
		105	150	0.00 43.50	153.44	43.50	18.92 43.50	232.01 174.00	77% 116%	YSG YSG
		106	500	43.50 158.98	43.50 305.00	43.50 146.02	43.50 91.70	701.70		YSG
		108	550	68.84	186.40	64.60	57.56	377.40		YSG
		111	25	0.00	0.00	0.00	0.00	311.40	0%	WWF (Malaysia)
		112	552	730.45	71.42	35.71	0.00	837.58	152%	YSD
		113	224	412.60		0.00	0.00	412.60	184%	
					0.00	0.00 68 50				YSD
		118 117	458 508	523.78 554.26	611.81	68.50 382.02	68.50 274.92	1,272.59 1.900.80	278% 374%	YSD YSD
		117	508 440	554.26 318.00	689.60	382.02 802.41	274.92 756.69	1,900.80	616%	YSD
		120	619	99.71	831.82 387.18	113.23	529.62	1,129.74	183%	YSD
		122	125	0.00	0.00	223.00	35.71	258.71	207%	YSD
	TOTAL	TEE	5001	3,022.69		2200.22	1.877.12	10,767.14	215%	100
3	Wildlife			7,						
	a. Orang Utan census	Bt Piton	twice per year	In progress	completed 7th one off nest census, 2000m distance covered 22 nest recorded, analyses finding; nest densities = 195.78 nest/km² and Orangutan densities = 1.25 lnd./km²	in progress	completed 8th nest census, 2000m distance covered, finding, nest densities=82.1 nest/km² & Orangutan densities= 0.53 ind/km²		100%	Executed by SFD team
	b. Hombill monitoring	Bt. Piton	Quarterly	12000 meters distance covered, (6) days successive survey, (2) hombil species detected along the survey (Asian black hombil) and Oriental pied hombil). Both species common detection during survey	12000 meters distance covered. (6) days repeated surveys. (3) hombil species detected (Asian black. Oriental pied and Rhinocens), range detection (0.83-2.83 ind. per day/km). Oriental pied hombil most common	repeated surveys and carried out six (6) days (twice per month), 12 kilometers distance covered (2km/session). Three (3) species of hombil recorded (detaction range: 0.17-0.42 sp. detaction/day/km)	carried out twice per morth (2km/session), three (3) hombil species recorded (Oriental pied, Asian black & Rhinoceros), detections range per day-017-0.83, detections per day/km=0.08-0.42		100%	Executed by SFD team
	c. Artificial Salt Licks	Bt Piton	Quarterly	Inspected (3) artificial saltlick, carried out once per month, used by large mammals such Deer and Pig	Inspected (3) artificial salflicks and carried out once per month, active visit by mammals especiall Sambar deer, Mouse deer and Bearded pig	carried out once a month, completed to inspected three (3) artificial saltlicks within cpt. 112A, still working and visit by Wild pig and deer.	carried out once per month, current status; still working and used by deer and pig		100%	Executed by SFD team
	d. Night Spotting Monitoring	BI Piton FR (Sime Darby Restoration area)	Quarterly, Distance 12 km / survey, conduct 3 times / month	144 kilomelers distance covered, (12) days successive survey, (6) investered inammals recorded, (2) threathers species in ILOT mel far manife peeting gain and Sow loris. The most common sighting was falley rate (10.09 desiction), (10.0040 c) common plan more and factorial (both 0.0050 desiction/daysho). Downall one species detection was low 1 < (earget 0.010-0.009 desiction per dayshire.	At least 144 kilometers distance coveerd, (12) days successive surveys, (7) nochmal species detected, (2) frestlender species condred ramely Bearded pig and Slow loris, most species detected uses Malay cive (0.11 in d.p. sulphym), general dischiracy, species detective was fow 1 < (range: 0.01-0.11 species detection per day/km)	repeated surveys and completed to carried out 12 days successive surveys (4 days per session), 144 kilometers distance covered (12 kilometers per surveys), at least 11 wildife species recorded which is (4) known st hreathead species namely Bornean prygnty elephant, Sambar dere, bearded pig and 50w loris. Sambar dere, bearded pig and 50w loris. Sambar dere, bearded pig and 50w loris. Frequent detection along surveys, species detection was low 1 c (range; 0.01-0.08 species detection per day/km)	completed 12 days repealed surveys (12m per session), 7 nochumal species recorded (these threatment species in UCH red is many Bearded pg., Tare & Loss). Debetolors ranger = 0.11-0.10 species limit = 0.081-1.25 pecies limit =		100%	Executed by SFD team
	e.Bird watching	Bt. Piton	One off	maintain with 129 species, (9) threatened species in IUCN redlist, 35 species near threatened and 84 species least concern	no new species recorded, currently still maintain with 129 species, (9) threatened species in IUCN redist, 35 species near threatened and 84 species least concern	nil	ñ		100%	Executed by SFD team

NO.	ACTIVITIES	LOCATION /	TARGET		Achieve	ment (ha)				REMARKS
		COMPARTMENTS	(ha)	Q1	Q2	Q3	Q4	Total (ha)	Percentage (%)\	
	f. Morning drive observation	Bt Piton FR (Sime Darby Restoration area)	Quarterly, Distance 12 km / survey, conduct 3 times / month	144 kilometers distance covered, completed (12) days successive survey, only (1) mammats detected (namely Pig talled macaque). Most wildlife detected during morning drive was birds inclusive large species such hombits.	completed (12) days successive surveys, 144 kilometers distance conveed, (3) mammals detected (Drang utan, Pg stated macaque and Beards (ps)), species decided one was low ±1 (ange; 0.019-0.03 detections per daylim), large but species such bombil was most common detection during the surveys (0.18 ind. detections per daylim)	carried out (12) days repeated surveys, 144 kilometers distance covered, (6) mammats with (6) known as threatned species (Borenan prygmelephant, Orang utan, Bearded pig, Bornean pigbon and Pig ladel macaque), overall finding; species detection (mammals) was low (range: 0.01-0.05 species detection per dayfiwm). Large birds species (hornbill sp.) was more frequent detection along the surveys (at least 1 species detection fall).	completed 12 days repeated surveys (12km per session), 6 mammals and 3 large birds species recorded, at least 4 threatened species in LIOX fired list detected along surveys namely Orengulan, Somean rygmy elephant, Pig bladd macaque and Seadord pig, 1 Destorious maper 2017-105 species from 6 0.08-0.75 species flay. The highest species detections per surveys were hornful (0.75 species day)		100%	Executed by SFD team
	TOTAL									
4	Protection Unit									
	a. Ground Surveillance	Ulu Segama FR	Continously	pathols effort in average 13 days per month, one incident recorded in January (blood found nearby bridge at Sg. Kawag) and one incident found in March (motorbike sign detected at junction to Champion estate-suspected hunters). Joint patrols with WWF-Malaysia	Effort in average; i. night patrols (19) days per month, ii. Boundary inspection 2-3 days per weeks and iii. River patrols carried out twice per weeks (gleends to water level and weather). Two signs of motiobilities were recorded along the night patrols.	eight patricle 35 days (ski)+7 days, August 12 days and September 16 days), three (3) which sight were detected For her patricle 2 skywheek (bissel), which bundary inspection carried void 2-3 per moth. Found (1) suspi	month), 1943 kilometers covered (647 kilometers/month), 2 signs of poaching were recorded		100%	Executed by SPD team
	b. Aerial Surveillance	Ulu Segama FR	Once a month	Twice (16th Jan & 22nd Feb 2017)	Twice (10th Apr & 13th May 2017)	nil	nil		40%	Executed by SFD team. Only 4 aerial surveys were conducted due to budget constraints
	c. River Surveillance	Segama & Bole River	Twice a month	ni	Carried out twice per week, depends to water level and weather conditions, no illegal activities recorded along the patrols	carried out minimum twice per weeks, patrols effort depends to water level and weather condition. In Q3 no illegal activities detected along the patrols	carried out twice in October (40 kilometers distance covered). No illegal activities detected along the patrols.		100%	Executed by SFD team
	d. To Maintain & replace FD Plates & signboards	Ulu Segama FR, Sapagaya FR, Bukit Piton FR		none	none	8 units FD plates installed in August (adjacent to Bukit Piton FR), 15 unit FD plates installed at compartment 104 (Bukit Piton FR).	none		100%	Executed by SFD team
	e. Boundary inspection	Ulu Segama FR, Sapagaya FR, Bukit Piton FR	Periodically	Boundary inspection carried out at least 2-3 days per week and mostly covered in South Ulu Segama F.R. (cpt.295 and 297) and sometime in East Malua F.R. (cpt. 19). No illegal activities detected during the inspection	South Ulu Segama F.R (Cpt. 294, 293, 291, 297, 284, 271, 269, 332, 331, 320, 319 and 318) and Bukit Piton F.R (common boundary with Gerola & Tabung Haji Estate). No encroachment detected along the inspection.	covered compartment 319 (south Ulu Segama#KHL estate), cpt. 231 (Ulu Segama#Dewata), cpt. 106 (Bukkl Piton FR#AAP Plantation), cpt. 104 (Bukkl Piton FR) and cpt. 117 (Bukkl Piton#Plantation). Demoished 5 acre that been planted by oil palm (AUMKAR estate) in Cpt. 333	priority given in South (compartments 319, 320, 331) and north Ulu Segama (compartments 112, 109, 121, 117, 116, 107, 113 and 116. No report of encroachment detected along the boundary		100%	Executed by SFD team
	f.Forest fire prevention	Bt Piton and US	Bt Piton FR & southern US FR	no issue	no issue	no issue	no issue		100%	Executed by SFD team
	g. Dismantling poacher access	East and south Ulu Segama FR	Adhoc	none	none	dismantled (2) possible entry points within Ulu Segama FR (detected in July & August)	none		100%	Executed by SFD team
	h. Night patrols (anti-posching)	Ulu Segama & Bukit Piton FR and Mersuli FR	Continously, main road	patrols efforts: 12 days per month (3 days per week), road covered (FCS 225-Benta), Tallwas ts Sg. Segama and FCS 98-Infapro/Danum. No poaching encountered during the patrols.	Patros efforts per month, April (17) days, May (15) days and June (20) days, to cases recorded: one motorbite with 2 suspecied whether fired in entire placed from CFT and assumed to the control of the	patroix effort completed (16) days (July –7 days innotiti. Apapet 12 days from the and September Ef days innotiti. In like give covers per motit (July –17 sin, Apapet 558m) and September 580m). Three (3) selection modered in July and (1) in August. No insiden recorded in September.	completed 34 days (October 9 days, November 9 days and December 16 days. Distance coverd (October 469 kilometers, November 329 kilometers and Dec 789 kilometers), one suspected poechers recorded in December.		100%	Executed by SFD team
	i. Consultation to OPPs & Local Community	Adjacent to Ulu Segama FR	Twice a year			carried out twice in July & August and once in September. Estate been consulted such KHL estate, EGB plantation, Pagosla Estate, AAP estate, Kwantas estate, Mensuli, Kerosah and Tabung Haji, Discussion in relation to HEC	carried out twice per week (minimum). As usual the Estate been consulted such Aumkar, KHL estate, EGB plantation, Papatil Estate, AAP estate, Kwantas estate, Mensul, Kerosah and Talung Haji. Rise relations and comm		100%	Executed by SFD team
	j. Boundary Demarcation	Bukit Piton FR	18km			7km	5km	12km	100%	Executed by appointed contractor Jurukur Dr Moinin. Due to budget constraint, only 12cm was demarcated instead of 18km which was plan in AWP.
	TOTAL									
5	Forest Road	NUS - Cot 121-112	20 km	20	9E	5	0	60	3000/	SED Team
	a. NUS - Sime Darby Restoration project b. NUS - YS Restoration Area	NUS - Cpt 121-112 NUS - Cpt 109-101	20 km 25 km	20 20	35 15	5 25	0	60 60	300% 240%	SFD Team CT Ent
	c. Main Line North	Taliwas to North Segama Bridge	40 km	0	23	17	0	40	100%	SFD Team. 3 old bridges were replaced with box culvert spiral in the 3rd quarter by appointed contractor, Karnia. The maintenance work was stopped in the 4th quarter due to machinary breakdown and bad weather.
	d. Main Line West	Silam to Malua	95 km	60	60	60	60	180	189%	CT Ent
	TOTAL		180 km	100	133	107	60	340	189%	
6	Community Forestry									

NO.	ACTIVITIES	LOCATION /	TARGET		Achieve	ment (ha)				REMARKS
		COMPARTMENTS	(ha)	Q1	Q2		Q4	Total (ha)	Percentage (%)\	
	a.CF Segama	Segama Community	2 times	Jan, Feb - Consultation meeting with community (2 times)	Nil	Nil	Nil		100%	Executed by SFD
	b. CF Silam	Silam Community	2 times	Feb - Consultation meeting with community. Mac - Briefing on the Forest Stewardship Council (FSC)	Nil	Nil	Nil		100%	Executed by SFD
	c. Main Line North Planters Community	Oil palm estates along Segama Riverine	2 times	Feb - Consultation meeting with Planter community	April - Consultation meeting with Planter community	August - Consultation meeting with Planter community	Dec - Consultation meeting with Planter community		200%	Discussion on road maintenance
	d. Advance training for nursery management	CF Segama	2nd Quarter	Nil	Nil	Nil	Nil		0%	KIV due to budget constraint
	TOTAL									
7	Infrastructure Development									
	a) Extention of US-M Office	Cpt. 189 (Ulu Segama FR)	1 unit	Nil	Nil	Nil	Nil		0%	No infrastructures was constructed due to budget
	b) Extension of Rest House	Cpt. 189 (Ulu Segama FR)	1 unit	Nil	Nil	Nil	Nil		0%	constraints.
8	TOTAL Training									
	a) OSH (Occupational Safety & Health)		4 times	2/2/2017	4/5/2017	3/8/2017	21/11/2017	4	100%	To new contractor workers and SFD staff and officers
	b) Forest Rehabilitation		3rd Quarter	Nil	Nil	18/9/2017	Nil	1	100%	To new contractor workers
	c) Forest Protection		2nd quarter	Nil	18/5.2017	Nil	Nil	1	100%	Trained by WWf-Malaysia
	TOTAL									
9	Malua wildlife Habitat Conservation Bank a. Wildlife Management	Malua FR								
	a1) Night Spotting	Cpt 58, 51, 85 & 50 (main road)	Quarterly	No activity carried out due road probeim	Al least 72 kilometers distance coveerd, (5) days successive surveys, (10) noctural species defected, (3) threatened species econded namely Bornean pygmy reighent, Cambar deer and Slow loris. Most species defected was deer (118 days and per days)/m, overall species defected was slow < 1 (range; 0.01-0.10 species defection per days/m)	60 bitometes distance covered, five (6) days repeated surveys, at least (9) coclumal species detected and Thomas's fiving costim more frequent delection along surveys (18 detection(sky), However species detection per day	completed 5 days repeated surveys (12/m per session), 11 nocturnal spoces recorded (three threatened spoces in ILICN and list detected namely Bornean pygny slephant, Bearded pig and Sambar deep). Betterform range - 002-01 to geneisettay. The highest spoces detections during surveys was Sambar deer and Red giant flying squirnel (1.40 indiday 8.0.80 indiday)		75%	Executed by SFD team. No activities were conducted in 1st quarter due to road problem
	aZ) Morning drive observation	Cpt 58, 51, 85 & 50 (main road)	Quarterly	No activity carried out due road probeim	96 kilometers distance coveerd, (8) days successive surveys, (7) durnal species detected, (5) threatened species recorded namely Sambar deer, Pg balled macaque, Bomen golbon, Crinary data and Bomens pythy regishard. Sambar deer and Mexaques most common detectors. Generally, species detection set 1 < (rappe, 20 10 1.10 species detection per day/km)	72 kilometers distance covered, six (f) days repeated surveys, 4 mammals and 2 hombils. Three (5) finesterned species recorded mamily Samhar deer, Bearded (s) paid Bornean (pibon. The species detection was for largar, 0.01-0.11). Samhar deer and Bearded pig has common species more frequent detection along surveys.	completed 6 days repeated surveys (12km per session), 11 diumal species recorded which 8 mammals dan 3 large birds species (8 species detected were threathend species in IUCN red stefanser), 10 may		75%	Executed by SFD team. No activities were conducted in 1st quarter due to road problem
	a3) Orang Utan nest counting (line transects)	Cpt. 58,52, 15,16, 85, 37 &37	twice per year	In progress	completed the 7th ground OU nest counts, 7130m distance cowerd. Result for nest and Orang-tune neines (North; 502 48 nestlims, 754 and Julim; South, 488.90 nestlims, 131 ind./km ² , East, 650.99 nestlims, 4.17 ind./km ² and SBE; 402.01 nestlims, 2.58 ind./km ²	In progress	completed 8th ground nest census, Result of nest and Crang-dain densities (North; 351.17 nestNum; 2.25 ind Jun; South; 236.97 nestNum; 1.52 ind Jun; East; 141.41 nestNum; 0.91 ind Jun; and SBE; 296.45 nestNum; 1.90 ind Jun;		100%	Executed by SFD team
	a4) Orang utan nest counting (aerial survey)	Malua FR	Once in 5 years	nil	nil	nil	nil		0%	Executed by SFD team, KIV until 2018
	a5) Opportunistic sighting	Malua FR roads	Continously	4 wildlife species ecountered within (3) days observation, (3) mammals and (1) birds (finincerors hombil). At least (2) species recorded listed as threatened in IUCN red 1st name). Sambar dere and Researde (p). geb hysecies known as common and presented high detection per day (range: 1.33-2.00 Individual detection(day).	and (1) hornbill species (Rhinoceros). According to IUCN red list criteria (5) species detected was threatened (Bornean pygmy elephant, Bearded pig, Sambar deer, Slow loris and	species in IUCN red list (Bornean pygmy elephant, Sambar deer, Bearded pig, Pig tailed macaque and Orang utan. At least 1-2 species encountered per day and Bearded pig mos	based on (14) days observations; 12 wildlife species encounteed which (10) mammals and (2) hornfull species. 50% species encounteed was threatment species in IUCN red list (Orangutan, Banknop, Bornean pygmy elephant, Sambar deer, Baredd pig, Pig latel encacyue). Bornean pygmy elephant and Orangutan most common encountered. However the species detections per day was low 1< (range: 0.07-0.36).		100%	Executed by SFD team
	a6) Hombili observation	Cpt 52, 51, 85,71,49,48, 84	Every 42 days	4 kilometers distance covered, (2) days surveys, 1 hombill species detected along the surveys (Phinoceous hombil). Species detected listed as near threatened in KUCN red list.	only one (1) day successive survey, (2) kiometers distances covered, (1) hombil species detected along the surveys (namely Rhincoson hombil). Species ladd as Near threatened in IUCN red list	completed five (5) days repeated surveys, covered 10 Montes of distance, at least three (3) hornfull species recorded namely busy reside hornist. Richarces hornfull and Oriental paid hornfull. All species recorded were isladd at near threatened in IUCN rad list.	completed (3) days repeated surveys (twice in October and once in November), distance covered \$kinometers (2) kindesson), finding; (3) hornist speces detected such Rhinocoros, Bushy created and Oriental pied. All species detected where the special specia		100%	Executed by SFD team
	a7) Artificial sattlick monitoring	Cpt. 62 (1) & 52 (2)	Monthly	Inspecied (3) artificial satilicks within cpt. 60 and cpt. 52. As usual, large mammals such Banteng, Bornean pygny elephant, Sambar dere and Bearded gio commonly used and visit the sources.	The inspection mostly postponed due road problem, inspection carried out once in June, still active and visit by large mammals such Banteng, Bornean pygmy elephant. Sambar deer and Bastried pig, All species recorded known as threatened species in IUCN red list	the inspection was carried out once per month, currently only three (3) artificial satilities active and used by large mannial such Bornean pygnyr elephant, Banteng, Sambar deer and Bearded pig, All species recorded classified as threatened species in IUCN red list.	completed 3 days inspections (once per month) and currently 3 artificial remaining and partie visit by large manimasts such Bankeng, Bornery elephant, large manimasts such Bankeng, Bornery elephant, large manimasts such Bankeng berger elephant (sold the large manifester). All species recorded known as threatened in IUCN red list.		100%	Executed by SFD team

NO.	ACTIVITIES	LOCATION /	TARGET		Achieve	ment (ha)				REMARKS
		COMPARTMENTS	(ha)	Q1	Q2	Q3	Q4	Total (ha)	Percentage (%)\	
	a8) Camera Trapping	Malua FR	Monthly	nil	(2) camera trap devices installed within compartment 49 & 52, placed nearby ex-logging road,	1 unit camera trap installed within cpt. 52 (facing to artificial sattlicks)	none		50%	Executed by SFD team. No activities were conducted in 1st and 2nd quarters due damaged devices
	a9) Bird watching	Malua FR	One off	Ongoing	Status quo, maintained to the previous number (n=177 species). Based on IUCN red list criteria, 6,21% of birds recorded were threatened species and 92,66% species categorized as least concern	status quo (177 species), no new species recorded	none		100%	Executed by SFD team
	a10) Wildlife road kill observation	Malua FR	Case basis	nil	none	nil	none		100%	Executed by SFD team
	b. Forest Protection									
	b1) Boundary Patrol	Malua FR perimeter boundary	Periodically	FR, but some empty cartridge found along the common	Focus in north-east Malua (cpt. 38, 37, 36, 31, 30, 29, 26, 25 20, 19, 17, 16, 15, 14, 12, 9 and 8), patrols effort in average 2-3 days per week. No encrochment detected within Malua FR, but still found some empty cartridge along the common	minimum firree (3) days per week and priority given in north- east Malase FR, compartments covered 7, 8, 9, 12, 14, 15, 16, 17, 19, 20, 25, 26, 29, 30, 31, 36, 37, 38 and several compartments north Malau (pt. 17, 55 and 16). No encroachment cours along Malause FR boundary, but in August 8ft (1) dail (femal) eighant deef found within Goldon Apox: Estate (70 metres away from Malaus FR), cusaed of death-frauer Seene shot, recopilis rice. Yol Kinabatangsan 001362/17, investigation ongoing.	the patrols focus in north and east Malua, completed 38 days of patrols and covered 550 kilometers of distance spatrols effort in average—127 days per morth (statence owered per mortif=153 kilometers. Compartments covered such 7, 8, 12, 14, 15, 16, 17, 19, 20, 26, 26, 29, 30, 13, 63, 37 and 38. Ne encreachment detected along the patrols, issue HEC in common to moderate of CPP Lateling 148 Magna Judy). Action taken report to SWD Kinabatangan.		100%	Executed by SFD team
	b2) River Patrol	Sg. Malua	Periodically	The team completed 24 days of patrols (8 days in January, 6 days in February and 10 days in March), the patrols effort extremely depends to inver condition and water fevel. No illegal activities detected along the patrols.		patrois effort (13) days (6 days in July, 4 days in August and 3 days in September), the patrois effort depends to water level and weather condition. Mostly stack a jetty. No illegal activity detection along the patrois.	Partois effort 16 days (Oklober=4 days, November=4 days and December=8 days) and distance covered was 48-84 klometers per month (2-4 klometers per patroisiday). The patrois occurrence depends to water level and weather condition. No illegal activity detected along the patrois.		100%	Executed by SFD team
	b3) Aerial surveillance	Malua FR perimeter boundary	Montly	Carried out twice (January and February). No illegal activity detected along the surveillance.	Twice (10th Apr & 13th May 2017), no encroachment detected along the survillance	nil	none		40%	Executed by SFD team. Only 4 aerial surveys were conducted due to budget constraints.
	b4) Night Patrol	FCS 57, FCS 37 & FCS 15	Periodically	The patrols effort in average was 2 days per week and carried out weekend. No issue in relation to hurting activity detected along the night patrols. Mostly static at security galt in FCS 96.	April (4) days, May (10) days and June (9) days, patrols effor in average (2) days per week. No hunting activities encountered along the patrils. The team mostly static at security gate in FCS 96	Scurs to main road in south Malus (FCSST-FCS 98), patrols effort in average= 5 days/morth (approximatelly mileage covered-205m), routher patrols (fam-dam) at it alias gate (approximately mileage covered-1, 205m of a month), at least 2 male related to humma gathlers recorded (j) 22nd 2417, (ii) 13th August 2171. Askon taken strengthen 7 akada gate.	routine night patrols from FCS 96-Takals Camp (Segama bridge) purposely to open and close the gate, sometimes mobile to Males (FCS 73) and minimized to Infagor. Total distance covered=1676.4 kilometers (gatrols effort per morth was 555.8 kilometers). While, for north and east Males the team completed 7 days of night patrols and priority along the common boundary to OPPs (Pribasan As and Ladiang Ital). No hunting issue reported along the patrols.		100%	Executed by SFD team
	b5) To Maintain & replace FD Plates & signboards	South, North and East Malua FR (Cpt. 6-38)		At least 50 units of new FD plates was installed along to common boundary with OPPs in north Malua (LP 7 and Pintasan 8)	30 units of FD plates installed in common boundary to OPPs (Kwantas, Pintasan 5a&5b), 20 units placed in common boundary with PKPS (Ladang Irat)	no FD plates installed, maintain and cleaned up FD plates and signboards that been installed along the boundary	no new FD plates install, the team just keep maintain the old signboard and plates that been installed along the common boundary to OPPs		100%	Executed by SFD team
	c. Consultation to OPPs & Local Community (Kg. Balat)	Adjacent to Malua FR	Twicw a year	-		Golden Agex Estate, Kwantas Estate-Pintasan SA, SF, SB and S, PKPS-Ladang Int. GGG cestate, IO-Syarimo 78 a Magna Jadi estate, Segaramba etata, Hechr Pijan Estate and Tung Hup estate (IP-7). Consultation carried out at least once per morth.	consultation to CPPs was completed 25 days (more less 9 days per morth). Estate been consulted such Magna Jadi, CASC, Ladang Intellessa AS, Symm, Destr Citra and Ladang Built Segamaha. No hunting issue reported, the main issue concern for 4 was HEC-ore hely eighpart touth of seath in Pairi Citra estate (more less 5 kilometers away from Malue FR). Assist CPPs to report SW CATC and the Pairi Citra estate (more less 5 kilometers away from Malue FR). Assist CPPs to report SW CATC and the Pairi Citra estate (more less 5 kilometers away from Malue FR). Assist CPPs to report SW CATC and the Pairi Citra estate (more less 5 kilometers away from Malue FR).		100%	Executed by SFD team
	c. Infrastucture	Cpt 52 (Malua Station)	Q2	nil	nil	nil	none		0%	No infrastructure was constructed due to budget constraints.
10	TOTAL SFD - Sime Darby Restoration Project at Bt Piton FR									
	a) Survey	Block 119A, 119B, 119C, 120A, 120B, 120C, 120D, 120E, 122C, 122D: Bukit Piton FR	186.95	186.95	Nii	Nil	Nil	186.95	100%	Executed by SFD
	b) CRP	Block 119A, 119B, 119C, 120A, 120B, 120C, 120D, 120E, 122C, 122D: Bukit Piton FR	411.77	363.89	47.88	Nii	Nil	411.77	100%	Executed by SFD
	c) Silviculture	Block 119A, 119B, 119C, 120A, 120B, 120C, 120D, 120E, 122C, 122D: Bukit Piton FR	1184	632.00	215.01	Nil	Nil	847.01	72%	Executed by Sime Darby's contractor (Segama Frontier, Jaya Suria and Sinar Wawasan). All planting and silviculture works were stopped by end of June 2017 with the order from YSD.
		· —								

Company Comp	NO.	ACTIVITIES	LOCATION /	TARGET		Achieve	ment /he)				REMARKS
Annual Control (1975)	NO.	ACTIVITIES			01			04	Total (ha)	Percentage (%)\	REMARKS
Final Property P	1		COMPARTMENTS	(ha)	ų,	Q2	43	ů,			
March	c	i) Planting	120B. 120C. 120D. 120E. 122C.	1184	476.00	567.18	Nil	Nil	1,043.18	88%	Sime Darby's contractor (Segama Frontier & Jaya Suria). A planting and silviculture works were stopped by end of Jun 2017 with the order from YSD.
Table	Æ	b) Maintenance	112E, 112F, 113B, 113D, 116B, 116C, 116D, 116E, 116F, 117A, 117B, 117C, 117D, 117E, 117F, 117G, 118A, 118B, 118C, 118D Bt								Executed by Sime Darby's contractor (Segama Frontier & Jaya Suria)
March Control March Contro	f) Nursery management		40,000 seedlings	6,736.00	15,637.00	15,717.00	14,069.00	52,159.00	130%	Raised and grown by Pemborong Teguh
Process Proc											
Column C				20			2			20/	tener i e e
Part	Į.		VJR Merisuli (Block 1, 2 & 4)								KIV due to funding constraint
Part 10 10 10 10 10 10 10 1	12			80	<u> </u>		,	0	0	0%	
Comment			Ulu Segama FR								
Common				Meter				8200	8200		INFAPRO Team Hitachi/ Backhoe
Process Proc	ŀ) Boundary Checking (Security)			C9 Boundry Checking				0	#DIV/0!	INFAPRO Team / berjalan kaki
Comment U. Segorns FR U.	c	c) R&D activities						on site disc with UMS researchers			works commence by 1st qtr, 18
Comment U. Segorns FR U.	Ł		o co								
			Uiu Segama FR						0	#DIV/01	
	f	ny rivodu mainietrance				+			U	#019/0:	
	to	Contract 8	Ulu Segama FR						0		
State of the final of the fin	ē	a) Climber cutting- Round 2							0	#DIV/0!	INFAPRO Team Contract
## Market Services 1	Įt.) Liberation thinning									
British Marketiness											
	E) Re Supply 3rd									
Content Cont											INFAPRO Team Contract
Subset Service (1997) Subset New (1997)	f) Up keep & maintenance- Round 2							U	#010/0:	INTAFRO Team Contract
Subset Service (1997) Subset New (1997)	to	Contract 7	Ulu Segama FR						0	#DIV/0!	
Stocker Name Stocker			· ·						0	#DIV/0!	INFAPRO Team Contract
State Ameritance Name	Įt.) Liberation thinning									
No.											
NAFARRO Team Backhoe / mengun parameter Nafarro NAFARRO Team Backhoe / mengun parameter NAFARRO Team Backhoe / NAFARRO Tea											INFAPRO Team Contract
Reset Memorance Contract 6 Contract 7 Contract 7 Contract 8 Ulu Segama FR Selection Select	į.	a) Re Supply 3rd									INFAPRO Team Backhoe / mengunakan
District rules (Found 2	f) Road Maintenance							0	#DIV/0!	parang
District rules (Found 2	Ī	Contract 6	Ulu Segama FR								
1 1 1 1 1 1 1 1 1 1											INFAPRO Team Contract
Greene Found 2	ļt) Liberation thinning									INITADDO Terro Ocetoral
16 Supply											INFAPRO Team Contract
Read Maintenance											
Olimber Cutting - R2	Ī										INFAPRO Team Backhoe / mengunakan parang
Olimber Cutting - R2	1									1	
Dischard Americane			Ulu Segama FR			1				#Dis//01	
Clerates R 2				1							
Sin-Supply Hybrid									0	#DIV/0!	
	c	f) ReSupply Hybrid									
Boundary Checking (Security) Bole River Bole River O #501/00 NFAPRO Team / Identify Regulated National tegis Sungai be Contract. 4 Ulu Segama FR	6	e) Liberation Thiining							0	#DIV/0!	
Contract 4					Data Direct	+	Dala Diver			#Dit ((0)	INTARRO Terre (herister heli ilu terri Co.
a) Liberation Thinking	1	g) bournoary Checking (Security)			BOIL KIVEL	+	BOIL KIVEL		U	#DIV/U!	INFACTO TEAM / DEGISIAN KAKTIKUT TEDI SUNGAI DOLE
a) Liberation Thinking	ta	Contract 4	Ulu Segama FR							1	
Dictimetr Culting R2											
Clarisus 10 yrs after planting Cn going Constant 10 years Co											
0 Up keep & maintenance (CH8 81 S2) 200	4	c) Census 10 yrs after planting					On going				
Boundary Checking (Security) Segama River Segama River Segama River 0 #DIV/0! Infagro Team / Menggunakan Perahu ikut sg Seg Centract 3A, 3B, 3C	ļ	d) Road Maintenance				000			222	-	
Contract 3A, 3B, 3C					Sanama Pissar					#DIV/01	Infanto Team / Menggunakan Perahu ikut sa Sasama
Road Maintenance	f) boundary Checking (Security)			oeyailid Rivel	Seyaffia Kiver			U	#DIV/U!	mapro ream/ menggunakan Peranu ikut sg Segama
Road Maintenance	to	Contract 3A, 3B, 3C	Ulu Segama FR								
Contract 1 & 2	ē	a) Road Maintenance	-	Meter		1900					
a) Road Maintenance Meter 50 2200 530 1050 3830 #VALUE! INFAPRO / Backhoe	ŀ	b) Boundary Checking (Security)			Segama River				0	#DIV/0!	Infapro Team / Menggunakan Perahu ikut sg Segama
a) Road Maintenance Meter 50 2200 530 1050 3830 #VALUE! INFAPRO / Backhoe	-		Lilly Cog ED			+				-	
b) Boundry Maintenance Bole River Bole River Bole River Segama River Bole River Segama River B	ŀ	Dontract 1 & 2	Ulu Segama FR	Meter	£A	2200	530	1050	3830	#\/A111E1	INFAPRO / Backhoe
c) Boundary Checking (Security) TOTAL MINFAPRO Team / berjalan kaki ikut t				INICIOI					3000	#VALUE:	in the test backing
TOTAL CONTROL		c) Boundary Checking (Security)							0	#DIV/0!	INFAPRO Team / berjalan kaki ikut tepi Sungai bole
13 Taliwas Forestry		TOTAL									
	13	Taliwas Forestry									

	ACTIVITIES	LOCATION /	TARGET	Achievement (ha)						REMARKS
		COMPARTMENTS	(ha)	Q1			Q4	Total (ha)	Percentage (%)\	
	a) To demolish and clean old buildings and to choose imber that is still in good condition for Taliwas use.	COMPACT METATO	(1.2)	20% completed	50% completed	80% completd. The remaining timber remaining for Taliwas and SCCA uses	Waste wood and boards for SCCA use		100%	There are still woods that still need to be used (YS)
t	b) Improve camping ground area. Cut trees and roots that can harm visitors.			0	0	0	0		0%	Awaiting approval from the Forest Department (YS)
(c) Updating FRR and Medicinal and Aromatic plots (MEDARO).			0	0	0	0		0%	Waiting for HQ and budget approval (YS)
(d) Improving trail routes and building resting huts lusing used wood).			0	30%	0	0		30%	Waiting for HQ and budget approval (YS)
Ē	a) Improve trail paths to waterfalls and lakes		0	0	50%	0	0		50%	Performed according to current needs (YS)
	FOREST REGENERATION RESEARCH (TEAK)									
	a) Maintenance of Teak Plot									Executed by Biotech Sdn Bhd
ā	a1) Progeny/Provenance Plot, KM 18	Cpt.225 (VJR Sepagaya)		0	0	Slashing and application of herbicide (12 L); collection of branches from selected trees for tissue culture;plant tagging			100%	3 times a year
ē	a2) Comparison of propagation methods Plot, KM 18	Cpt.225 (VJR Sepagaya)		0	0	Slashing and application of herbicide (12 L)	0		100%	3 uries a year
ā	a3) Perlis Plot KM 13	Cpt. 226 (VJR Sepagaya)		0	0	Slashing and weeding around trees and application of herbicide (9.9 L)	0		100%	
	a7) Nursery/camp KM 13	Cpt.225 (VJR Sepagaya)		0	0	Grass cutting and pruning of trees in the periphery of staff quarter	0		100%	
	TOTAL			0	0	0	0	0	#DIV/0!	
	Tropical Rainforest Consrvation and Research Cent a) PLANNING	re								
İ	a1) 10-years Management Plan	Cpt. 121 (VJR Merisuli)	2nd Draft	Nil	Nil	2nd Draft submited to Sabah Forestry Department, Sustainable Forest Management Unit for evaluation	3rd Draft of 10-year managemenr plan in progress of preparation to be submit to SFM for review (reformat structure and contain)		50%	3rd Draft prepare to restructure the contain and format according to existing USM Forest Management Plan format
ā	a2) Boundary Survey, Demarcation	Cpt. 121 (VJR Merisuli)		Boundary Survey completed by Victes Tan Land survey company. Document submited to Jabatan Tanah dan ukur. Waiting for official document from the Jabatan Tanah dan Ukur Sabah	Nil	Nii	Nil		100%	*RSP application for boundary survey we completed at servayor level and now foll up with Jabatan Tanah Ukur for official boundary plan
ä	33) Audit Prepartion	Cpt. 121 (VJR Merisuli)		Nil	FSC audit completed on 14-15 May 2017 by Dr Yap Son Kiong	Nii	Nil		100%	Audit completed with proper documentat review by Dr Yap. Additional structure to accomodate generator set and fuel supp have been build to comply with FSC nee
ı	b) NURSERY									
t	o1) Transplant of seedlings	Cpt. 121 (VJR Merisuli)	3908 Seedling	Nii	Nii	Transplant of Dipterocarp seedling and wild fruiting tree seedling inprogress	Wild fruit transplanted into poly bag from germination bag 51 units,		80%	Transplanting and rearrangement of ove grown seedling in progress depending of the weather condition to avoid drought stress after transplant
t	b2) Gravel TRLC nursery	Cpt. 121 (VJR Merisuli)		Nil	Nil	Graveling of TRLC Nursery have been revise to replace by polyetyline sheet and weed mat to control weed grow at Nursery A, Nursery B and Nursery D	Poly ethyline sheet replace with UV resistance weed mat to control weed grow and organise seedling stock and census of seedling stocks		80%	Poly Ethylene sheet for gorund cover we replace with heavy duty weed mat to cor weed grow. This activiry are hold waiting supplier weed mat product to continue complition of remaining area at nursery ground.
t	p3) Building Nursery C	Cpt. 121 (VJR Merisuli)	size 30ft x 60 ft	Nii	Nil	Nii	Nii		0%	no collection of seed conducted this yea (uncertain flowring and fruiting of Dipeterocarp timber species) the plan to build additional nursery carry forward to 2018.
Ī.	c) STAFF QUARTERS	Cpt. 121 (VJR Merisuli)								
ł	c1) Permanent Staff quaters	Cpt. 121 (VJR Merisuli) Cpt. 121 (VJR Merisuli)	Bachelor quarters with 10 rooms & Family quarters with 4 rooms	Nil	10 unit rooms accomodation quaters completed	Nii	Nil		100%	Hase 2 of Family quartes 4 unit rooms w be carry forward to 2018 due to financial constraint
c	c2) Porta cabins for visitor	Cpt. 121 (VJR Merisuli)	4 units	Nii	Nii	Nii	Nil		25%	1 unit of completed cabin needed maintenance and remaianing Porta Cab project have been revised to upgrade in guest house. Construction will be carry forward to 2018
	i) RESTORATION / PLANTING	Cpt. 121 (VJR Merisuli)								

NO.	ACTIVITIES	LOCATION /	TARGET	Achievement (ha)						REMARKS
		COMPARTMENTS	(ha)	Q1	Q2	Q3	Q4	Total (ha)	Percentage (%)\	
	d1) Seed Survey	Cpt. 121 (VJR Merisuli)	Sabah Forest Resere and Sabah Park Forest	Nii	Nii	Nii	Nii			carry forward to 2018: Dipterocarp survey and seed collection exercise unable to perform because of no flowering and fruiting activity identify around Forest Reserve round Sabah. As for wild fruiting and non-timber tree seed were collected within Merisuli and also request from Forest Research Centre Seed Seksyen.
	d2) Seed Collection	Cpt. 121 (VJR Merisuli)	10 000 seeds	Nii	Nii	Nii	Nii		0%	carry forward to 2018: Dipterocarp survey and seed collection exercise unable to perform because of no flowering and fruiting activity identify around Forest Reserve round Sabah. As for wild fruiting and non-timber tree seed were collected within Merisuli and also request from Forest Research Centre Seed Seksyen.
	d3) Census of 2016 planted tree	Cpt. 121 (VJR Merisuli)	3 plots & 3313 program	1st census 2 plot conducted with Raleigh Volunteered	Nil		3rd Census of remaining plot completed by TRCRC staff		100%	Census activity on planted tree completed for 2017.
	d4) Mentenance of planted area	Cpt. 121 (VJR Merisuli)	3 plots & 3313 program	Nil	Nil	All plot mentainence completed	Nil		100%	Mentainanance of planted plot completed and will be repeat every 3 months
	d5) New Plot & Boundary	Cpt. 121 (VJR Merisuli)	11 plots	completed 3 plots (8.198 Hec)	Completed 2 plot (3.103 Hec)	completed 3 plots (2.856)	completed 3 plots (1.762)	14.157 Hec	100%	Plot planting opening completed for 2017
	d6) Planting	Cpt. 121 (VJR Merisuli)	3313 planting / plot planting	Nil	Nil	3313 additional line planting completed	opened 11 plots planted by TRCRC staff		100%	Plot planting for living collection suscessfully planted with 10% of mixed planteing of wild fruits seedling
	e) PROJECT ASSESSMENT, MEETINGS AND REPORTING	Cpt. 121 (VJR Merisuli)								
	e1) Steering Committee meeting	Cpt. 121 (VJR Merisuli)		Steering comittee meeting 2017 with TRCRC Board of Director with Chief Conservator of Sabah Forestry Department	Nil	Nil	Nil		100%	Steering committee meeting 2017 have with conducted to discuss 2016 achievement and annual 2017 planning
	e2) AWP 2017	Cpt. 121 (VJR Merisuli)		Nil	1st quarter report submited		3r quarter report submited, 4th quarterare in progress of compiling and review by operation manager & executive director for submission		75%	4th quarter report will be submitted upon review by operation manager & executive director
	f) PROGRAMS	Cpt. 121 (VJR Merisuli)								
	f1) Raleigh international (colunteer program	Cpt. 121 (VJR Merisuli)		1st expedition 2 phases volunteer completed	Nil	2nd expedition 2 phases volunteer completed	Nil		100%	Raleigh Complition of volunteering program for 2017 with complition of 2 units compost toilet structure
16	Sabah Biodiversity Experimental Area									
	Restoration a) Seedling Monitroing [re-measure] b) Silviculture c) Planting	Cpt. 85 (Malua FR)	Plot 65-75, 40ha	ni ni ni	nil 6 plots (200m x 200m) nil	in progress (monitoring) nil	monitoring in progress none		80% 100% 0%	
	d) Maintenance Planting Lines	Cpt. 85, Malua Fr	105 plots	plot 1-plot 23	plots 23-plots 33	Plot 34 - Plot 48	in progress	92 ha	50%	
	e) Shade house & Nursery Research Program	SBE, Cpt. 85	-	Monitoring	Monitoring	nil	none		100%	The Royal Society focused on facilitating researchers within Malua
	a) Ants Project (Mickal Houadria)	SBE, Cpt. 85	15 plots (15m x 15m)	completed	Monitoring	in progress (monitoring)	monitoring in progress		100%	maiua
	 b) Sensor Project (Siew Ean/Benny), small mammals trace. c) Revised plot D11-D20 (Christopher Phlipson 	SBE (Cpt. 85), BRL sites Takala Camp	3 plots 10 plots (30m radius)	completed completed	nil nil	nil nil	none		100%	
	d) Drout (Dr. Mikie O'brain)	SBE, Cpt. 85	22 plots (200m x	completed	Monitoring	in progress (monitoring)	monitoring in progress		100%	
	e) Climber cutting (re-measure), Dr. Mikie O'brian	SBE, Cpt. 85	200m)	-	22 plots in total	ni	none		100%	
17	TOTAL Menara Kayangan Eco Tourism		0							
	(a) Visitors		25,000 visitors	8,341	7790	6985	6348	29,464	118%	Revenue: RM 117,091.00 (Jan-Dec 2016)
18	TOTAL CERTIFICATION							29,464		
10	a) FSC Forest Re-Certification Assessment		2nd quarter	Ni	May-17	Nil	Nil	100%		Surveillance was done by SCS
19	TOTAL Occupational Health & Safety									
	a) Procurement New PPE	Safety Helmet Raincoat Safety Boot	80	40	40	0	0	80	100%	
	b) Fire extinguisher	9 Kg ,5 Kg & 1Kg	60	60	0	0	0	60	100%	Executed by SFD
	c) Training	FSC & KKP	4	1	1	1	1	4	100%	
00-	TOTAL									
20	Borneo Rhino Sanctuary Danum Valley (a) Infrastructure (Enclosure)	Cpt 423 (Ulu Segama FR)	Every quarter	Maintenance of building	Maintenance of building	Maintenance of building	Maintenance of building	4	100%	Executed by Borneo Rhino Alliance team and Sabah Wildlife Department
				1						

NO.	ACTIVITIES	LOCATION /	TARGET		Achievement (ha)					REMARKS
		COMPARTMENTS	(ha)	Q1		Q3	Q4	Total (ha)	Percentage (%)\	