

# MALAYSIAN SUSTAINABLE PALM OIL - ANNUAL SURVEILLANCE ASSESSMENT 2 (ASA2) Public Summary Report

#### Kulim (Malaysia) Berhad

Client company Address: K.B. 705 Ulu Tiram, 81900 Johor Bahru, Johor, Malaysia

> Certification Unit: Tereh Palm Oil Mill

> > &

Plantations of Tereh Complex (Tereh Utara Estate, Tereh Selatan Estate, Selai Estate, Enggang Estate, Mutiara Estate, Sg. Sembrong Estate, Sg. Tawing Estate and Rengam Estate)

Location of Certification Unit: Batu 26, Road Committee, Jalan Kampung Peta, Jalan Mersing 86000 Kluang, Johor, Malaysia

Report prepared by: Mohamed Hidhir Zainal Abidin (Lead Auditor)

Report Number: 3091782

#### **Assessment Conducted by:**

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TABI	LE OF	CONT	ENTS	age No
	Section	on 1:	Executive Summary	3
	1.1	Orga	nizational Information and Contact Person	3
	1.2	Certi	fication Information	3
	1.3	Locat	tion of Certification Unit	4
	1.4	Certi	fied Area	5
	1.5	Plant	tings & Cycle	5
	1.6	Certi	fied Tonnage of FFB	5
	1.7	Unce	ertified Tonnage of FFB	6
	1.8	Certi	fied Tonnage	6
	1.9	Actua	al Sold Volume (CPO)	6
	1.10	Actua	al Sold Volume (PK)	6
	Section	on 2:	Assessment Process	7
		2.1	BSI Assessment Team	8
		2.2	Accompanying Persons	9
		2.3	Assessment Plan	9
	Section	on 3:	Assessment Findings	12
		3.1 D	Details of audit results	12
		3.2 D	Details of Nonconformities and Opportunity for improvement	12
			tatus of Nonconformities Previously Identified and OFI	
			summary of the Nonconformities and Status	
			ssues Raised by Stakeholders	
	Section	on 4:	Assessment Conclusion and Recommendation	15
	Appe	ndix A	A: Summary of the findings by Principles and Criteria	16
	Appe	ndix E	B: List of Stakeholders Contacted	125
	Appe	ndix (	C: Smallholder Member Details	126
	Appe	ndix [	D: Location and Field Map	127
	Appe	ndix E	E: List of Abbreviations	131



### **Section 1: Executive Summary**

1.1 Organizational Information and Contact Person							
Company Name	Kulim (Malaysia) Berha	ad					
	MPOB License No.		Expiry D	ate			
	Tereh POM	50004860400	0 31 <sup>st</sup> May	2021			
	Tereh Utara Estate	50167310200	0 30 <sup>th</sup> Apri	l 2021			
	Tereh Selatan Estate	50167490200	30 <sup>th</sup> Apri	l 2021			
Mill/Estato	Rengam Estate	50122550200	31 <sup>st</sup> Marc	ch 2021			
Mill/Estate	Selai Estate	50422940200	0 31 <sup>st</sup> July	2021			
	Enggang Estate	50422940200	0 31 <sup>st</sup> July	2021			
	Mutiara Estate	50245800200	0 31st Octo	bber 2021			
	Sg. Sembrong Estate	50245710200	0 31st Octo	ober 2021			
	Sg. Tawing Estate	53287800200	0 30 <sup>th</sup> Sept	30 <sup>th</sup> September 2021			
Address	HQ: K.B. 705 Ulu Tirar Site: Batu 26, Road Kluang, Johor, Malaysi	Committee, Jal		r, Malaysia g Peta, Jalan Mersing, 86000			
Certification Unit	Tereh POM certification	n					
	Tereh complex group of	estate's certifica	tion				
Contact Person Name	Mdm. Salasah Elias (Deputy General Manager)						
Website	www.kulim.com.my		E-mail	salasah@kulim.com.my			
Telephone	07-8611611		Facsimile	07-8631084			

1.2 Certification Information							
Certificate Number		Mill : MSPO 698004					
	Estates: MSPO 698	3005					
Issue Date	02/04/2019		Expiry date	01/04/2024			
Scope of Certification	Mill: Production of S	Sustainable Pal	m Oil and Palm Oil	Products			
	Estate: Production of	of Sustainable	Oil Palm Fruits				
Standard	MS 2530-3:2013						
	MS 2530-4:2013						
Stage 1 Date		N/A. This is F	SPO certified comp	oany.			
Stage 2 / Initial Assessm	24-27/09/2018						
Continuous Assessment	14-17/10/201	19					
Continuous Assessment	Visit Date (CAV) 2	09-12/11/202	20				



Continuous Assessmen	t Visit Date (CAV) 3	TBA					
Continuous Assessmen	t Visit Date (CAV) 4	TBA					
Other Certification	Other Certifications						
Certificate Number	Standard(s)		Certificate Issued by	Expiry Date			
RSPO 613086	RSPO		BSI Services (M) Sdn Bhd	22/01/2021			
EU-ISCC-Cert-DE119- 60202023	ISCC		ASG	12/03/2021			
A116160	HALAL MS1500:2009		JAKIM	30/06/2021			
QMS 00706 ISO 9001:2015			SIRIM QAS International Sdn. Bhd.	14/10/2021			
BVC-MSPO/SC-0029	MSPO SCCS 1st October	er 2018	BVC	10/03/2025			

1.3 Location of Certification Unit							
Name of the Certification Unit	Site Address	GPS Reference	GPS Reference of the site office				
(Palm Oil Mill/ Estate/ Smallholder/ Independent Smallholder)		Longitude	Latitude				
Tereh Palm Oil Mill	Batu 26, Road Committee, Jalan Kampung Peta, Jalan Mersing, 86000 Kluang, Johor, Malaysia	103.35138	2.21751				
Tereh Utara Estate	K.B. 536, 86009 Kluang, Johor, Malaysia	103.35138	2.21751				
Tereh Selatan Estate	K.B. 537, 86009 Kluang, Johor, Malaysia	103.35210	2.19281				
Selai Estate	K.B. 529, 86009 Kluang, Johor, Malaysia	103.38750	2.27465				
Enggang Estate	K.B. 503, 86009 Kluang, Johor, Malaysia	103.42682	2.27002				
Mutiara Estate	P.O. Box 21, Kampung Baru Kahang, 86700 Kahang, Johor, Malaysia	103.48114	2.28795				
Sg. Sembrong Estate	P.O. Box 21, Kampung Baru Kahang, 86700 Kahang, Johor, Malaysia	103.46374	2.31523				
Sg. Tawing Estate	K.B. 531, 86009 Kluang, Johor, Malaysia	103.35321	2.29632				
Rengam Estate	K.B. 104, 86300 Rengam, Johor, Malaysia	103.41361	1.88943				



1.4 Certified Area								
Estate	Total Planted (Mature + Immature) (ha)	HCV (ha)	Infrastructure & Other (ha)	Total Area (ha)	% of Planted			
Tereh Utara Estate	2,858.56	73.42	155.39	3,087.37	92.59			
Tereh Selatan Estate	2,537.37	7.36	170.08	2,714.81	93.73			
Selai Estate	1,622.57	32.94	144.66	1,800.17	90.13			
Enggang Estate	1,655.81	15.35	63.74	1,734.90	95.44			
Mutiara Estate	2,311.15	24.85	115.53	2,451.53	94.24			
Sg Sembrong Estate	1,181.98	7.89	52.89	1,242.76	95.11			
Sg Tawing Estate	2,083.02	28.38	114.37	2,225.77	93.59			
Rengam Estate	2,337.97	14.11	62.44	2,414.52	96.68			
Total	16,588.43	204.3	879.1	17,671.83				

1.5 Plantings & Cycle							
			Age (Years)			Mahumakk	Tmomostures
Estate	0 - 3	4 - 10	11 - 20	21 - 25	26 - 30	Mature**	Immature
Tereh Utara Estate	0	0	2,086.70	771.86	0	2,858.56	0
Tereh Selatan Estate	272.19	0	1,960.85	304.33	0	2,265.18	272.19
Selai Estate	0	1,041.13	581.44	0	0	1,622.57	0
Enggang Estate	0	1,216.81	439	0	0	1,655.81	0
Mutiara Estate	1,048.66	393.37	570.1	49.72	249.3	1,262.49	1,048.66
Sg Sembrong Estate	0	0	586.72	595.26	0	1,181.98	0
Sg Tawing Estate	0	625.09	1,259.19	167.79	30.95	2,083.02	0
Rengam Estate	672.04	504.47	992.09	0	173.09	1,669.65	672.04
Total (ha)	1,992.89	3,780.87	8,476.09	1,888.96	453.34	14,599.26	1,992.89

1.6 Certified Tonnage of FFB						
		Tonnage / year				
Estate	Estimated (Sep 19 - Aug 20)	Actual (Sep 2019 - Oct 20)	Forecast (Nov 20 - Oct 21)			
Tereh Utara	73,303	76,624.36	65,848.00			
Tereh Selatan	58,086	53,870.89	53,966.00			



Total 351,073 381,557.54 336,390						
	,	•	,			
Rengam	39,746	41,160.52	38,126.00			
Sungai Tawing	44,190	48,610.40	40,530.00			
Sungai Sembrong	30,984	26,710.37	24,544.00			
Mutiara	32,809	37,732.39	30,799.00			
Enggang	35,170	46,649.54	40,224.00			
Selai	36,785	50,199.07	42,353.00			

1.7 Uncertified Tonnage of FFB							
		Tonnage / year					
Estate	Estimated (Sep 19 - Aug 20)	Actual (Sep 2019 - Oct 20)	Forecast (Nov 20 - Oct 21)				
NIL							
Total							

1.8 Certified Tonnage							
	Estimated (Sep 19 - Aug 20)	Actual (Sep 2019 - Oct 20)	Forecast (Nov 20 - Oct 21)				
Mill Capacity:	FFB	FFB	FFB				
60 MT/hr	351,073	381,557.54	336,390				
	CPO (OER: 22.07%)	CPO (OER: 21.08 %)	CPO (OER: 21.50 %)				
SCC Model: SG	77,474	80,427.78	72,323.85				
30	PK (KER: 5.56%)	PK (KER: 5.52%)	PK (KER: 5.6 %)				
	19,532	21,056.78	18,837.84				

1.9 Actual Sold Volume (CPO)							
CDO (MT)	MSPO Certified	Other Schei	mes Certified	Conventional	<b>Total</b>		
CPO (MT)	MSPO Cel tilled	ISCC	RSPO	Conventional			
80,427.78	0	0	70,102.79	8,965.75	79,068.54		

1.10 Actual Sold Volume (PK)					
DIZ (MT)	MSPO Certified	Other Schemes Certified		Conventional	Total
PK (MT)	MSPO Cel tilleu	ISCC	RSPO	Conventional	iotai
21,056.78	0	0	18,371.28	1,644.49	20,015.77



#### **Section 2: Assessment Process**

BSI is a leading global provider of management systems assessment and certification, with more than 80,000 certified locations and clients in over 190 countries. BSI Standards is the UK's National Standards Body. BSI provides independent, third-party certification of management systems.

#### **Assessment Methodology, Programme, Site Visits**

This on-site assessment was conducted from 09-12/11/2020. The audit programme is included as Section 2.3. The approach to the audit was to treat the mill and plantations as a MSPO Certification Unit. A range of environmental and social factors were covered. This includes consideration of topography, palm age, proximity to areas with HBVs, declared conservation areas and local communities.

The methodology for collection of objective evidence included physical site inspections, observation of tasks and processes, interviews of staff, workers and their families and external stakeholders, review of documentation and monitoring data. MS 2530-3:2013 and MS 2530-4:2013 were used to guide the collection of information to assess compliance. The comments made by external stakeholders were also taken into account in the assessment.

The estates or smallholders sample were determined based on formula  $S = r\sqrt{n}$  where n is the number of estates while when applicable, the smallholders sample were determined following the MSPO Certification Requirement. The sampling of smallholders were based on the formula  $(r\sqrt{n})$ ; where r is the risk factor (may defers 1, 1.5 and 2 depending on risk), where n is total number of group members. The sampled smallholder listed in Appendix C.

Meetings were held with stakeholders to seek their views on the performance of the company with respect to the MSPO requirements and aspects where they considered that improvements could be made. At the start of each meeting, the interviewer explained the purpose of the audit followed by an evaluation of the relationship between the stakeholder and the company before discussions proceeded. The interviewer recorded comments made by stakeholders and these have been incorporated into the assessment findings.

Structured worker interviews with male and female workers and staff were held in private at the workplace in the mill and the estates. Fieldworkers were interviewed informally in small groups in the field. In addition, the wives of workers and staff were interviewed in informal group meetings at their housing. Separate visits were made to each of the local communities to meet with the village head and residents. Company officials were not present at any of the internal or external stakeholder interviews. A list of Stakeholders contacted is included as Appendix B.

All the previous nonconformities are remains closed. The assessment findings for the initial assessment are detailed in Section 4.2.

This report is structured to provide a summary of assessment finding as attached in the Section 3. The assessment was based on random samples and therefore nonconformities may exist that have not been identified.

This report was externally reviewed by MSPO approved Peer Reviewer prior to certification decision by BSI.



## The following table would be used to identify the locations to be audited each year in the 5 year cycle

Assessment Program					
Name (Mill / Plantation / Group smallholders)	Year 1 (Certification)	Year 2 (ASA 1)	Year 3 (ASA 2)	Year 4 (ASA 3)	Year 5 (ASA 4)
Tereh POM	✓	✓	✓	✓	✓
Tereh Utara Estate	-	-	✓	-	-
Tereh Selatan Estate	-	-	✓	-	-
Enggang Estate	<b>✓</b>	-	-	✓	-
Selai Estate	<b>✓</b>	-	✓	-	✓
Sg Tawing Estate	<b>✓</b>	-	-	✓	-
Sg Sembrong Estate	-	✓	-	✓	-
Rengam Estate	-	✓	-	-	✓
Mutiara Estate	-	✓	-	-	✓

Tentative Date of Next Visit: November 1, 2021 - November 4, 2021

**Total No. of Mandays: 8 man days** 

#### 2.1 BSI Assessment Team

Team Member Name	Role (Team Leader or Team member)	Qualifications (Short description of the team members)
Mohamed Hidhir Zainal Abidin	Team Leader	He holds Bachelor Degree in Chemical Engineering, graduated from National University of Malaysia on 2006. He has 7 years working experience in palm oil industry specifically on palm oil milling for 5 years. He also has the experiences as auditor for several standards including ISO 9001, ISO 140001, OHSAS 18001, MSPO and RSPO in his previous work with another certification body. He completed the ISO 9001 Lead Auditor Course, ISO 14001 Lead Auditor Course and OHSAS 18001 Lead Auditor Course in 2012, Endorsed RSPO P&C Lead Auditor Course in 2013, MSPO Awareness Training in 2014 and Endorsed RSPO SCCS Lead Auditor Course in 2015. He had been involved in RSPO auditing since May 2012 in various plantation companies in Malaysia. During this assessment, he assessed on the aspects of legal, mill best practices, safety and health, environmental and workers and stakeholders consultation.
Ismadi Ismail	Team Member	He holds Diploma in Planting Industry Management from MARA Institute of Technology, Kuantan Pahang. 24 years of working experiences with various plantation companies and skills in Best Agriculture Practices (GAP) for plantation. Fully trained in CoP, MSPO and OSHAS. Qualified as Lead



Auditor/Auditor for MSPO and CoP. Involved in MSPO assessment since
2017. Completed and certified MSPO Auditor course in 2017 held by SGS
(M) Sdn Bhd and ISO 9001:2015 lead auditor course by TOMC. During this
assessment, he assessed on the aspects of Field best practices, OSH, HCV,
Legal, Environment, waste management, Social issues, stakeholder
interview etc. Able to speak and understand Bahasa Malaysia and English.

#### 2.2 **Accompanying Persons**

Nil

#### 2.3 **Assessment Plan**

The Assessment plan was sent to the client prior to the assessment (attached assessment plan).

PRELIMINA	PRELIMINARY AGENDA				
Date	Time	Subjects	Hidhir	Ismadi	
Sunday 08/11/2020	PM	Audit team travelling to Kluang. Check in at Aneka Hotel	√	√	
Monday 09/11/2020 Tereh POM	0730 am 08.30 - 09.00 09.30 - 12.30	<ul> <li>Audit team travelling to Tereh POM</li> <li>Opening Presentation by Audit team leader.</li> <li>Confirmation of assessment scope and finalize Audit Plan</li> <li>Inspection: FFB receiving, warehouse, workshop, wastes management &amp; Landfill, Effluent Ponds, OSH &amp; ERP, Environment issues, POME application, water treatment. Laboratory, weighbridge and palm product storage area, staff, workers and contractor interview, housing and facility inspection, clinic, etc</li> </ul>	√	√	
	10.00 - 12.30	Stakeholder interview	$\checkmark$	-	
	12.30 - 13.30	Lunch	√	<b>√</b>	
	13.30 - 16.30	Continue with document review (MSPO part 4), P1: Management commitment and responsibility, P2: Transparency P3: Compliance to legal requirement P4: Social responsibility, health safety and employment condition. P5: Environment, natural resources, biodiversity and ecosystem services P4: Social responsibility, health safety and employment condition, P6: Best practices	√ √	√ √	
	16.30 - 17.00	Interim Closing briefing.	√	V	



Date	Time	Subjects	Hidhir	Ismadi
Tuesday	0730 AM	Traveling to Tereh Selatan Estate	√	√
10/11/2020 Tereh Selatan Estate	09.00 - 12.30	Field visit, boundary inspection, field operations, staff & workers interview, buffer zone, HCV area, IPM implementation, OSH&ERP, workshop, storage area (agrochemical, fertilizer, lubricant etc), agrochemical mixing area, Schedule waste management, worker housing, clinic, Landfill etc.	√	√
	10.00 - 12.30	Stakeholder interview	√	-
	12.30 - 13.30	Lunch	√	√
	13.30 - 16.30	Document review P1 – P6 (MSPO part 3), P1: Management commitment and responsibility, P2: Transparency, P3: Compliance to legal requirement P4: Social responsibility, health safety and employment condition, P5: Environment, natural resources, biodiversity and ecosystem services and P6: Best practices, P7: Development of New Planting (if any)	V	V
	16.30 - 17.00	Interim Closing briefing.	√	V
Wednesday 11/11/2020	0730	Travelling to Selai Estate	√	V
Selai Estate	09.00 - 12.30	Field visit, boundary inspection, field operations, staff & workers interview, buffer zone, HCV area, IPM implementation, OSH&ERP, workshop, storage area (agrochemical, fertilizer, lubricant etc), agrochemical mixing area, Schedule waste management, worker housing, clinic, Landfill etc.		
	10.00 - 12.30	Stakeholder interview	√	-
	12.30 - 13.30	Lunch	√	√
	13.30 - 16.00	Document review P1 – P6 (MSPO part 3), P1: Management commitment and responsibility, P2: Transparency, P3: Compliance to legal requirement P4: Social responsibility, health safety and employment condition, P5: Environment, natural resources, biodiversity and ecosystem services and P6: Best practices, P7: Development of New Planting (if any)	√	V
	16.30 - 17.00	Interim Closing briefing.	√	√
Thursday 12/11/2020	0730	Travelling to Tereh Utara Estate	√	√
Tereh Utara Estate	09.00 - 12.30	Field visit, boundary inspection, field operations, staff & workers interview, buffer zone, HCV area, IPM implementation, OSH&ERP, workshop, storage area (agrochemical, fertilizer, lubricant etc), agrochemical mixing area, Schedule waste management, worker housing, clinic, Landfill etc.		
	10.00 - 12.30	Stakeholder interview	√	-
	12.30 - 13.30	Lunch	√	√



Date	Time	Subjects	Hidhir	Ismadi
	13.30 - 16.00	Document review P1 – P6 (MSPO part 3), P1: Management commitment and responsibility, P2: Transparency, P3: Compliance to legal requirement P4: Social responsibility, health safety and employment condition, P5: Environment, natural resources, biodiversity and ecosystem services and P6: Best practices, P7: Development of New Planting (if any )	V	<b>√</b>
	16.00 - 16.30	Audit team discussion	√	√
	16.30 - 17.00	Closing meeting for MSPO	√	√
Friday 22/10/2020	AM	Audit team travel back to KL	V	V



#### **Section 3: Assessment Findings**

#### 3.1 Details of audit results

This assessment has to be assessed using the following MSPO normative requirements. The assessment details are provided in Appendix A.

- $\ \square$  MSPO MS 2530-2:2013 General Principles for Independent Smallholders

#### 3.2 Details of Nonconformities and Opportunity for improvement

The nonconformity is listed below.

During the Certification Assessment there were 0 Major & 0 Minor nonconformities and 2 Opportunity for improvement raised.

Opportunity For Improvement		
Ref: 1985297- 202011-I1	Area/Process: Tereh POM and Estates	Clause: 4.4.5.3 (part 3)
Objective Evidence:	KASH card or cash payment are the options used for salary payment. Implementation has yet to be further checked to ensure condition stated in the contract employment inlined with site implementation for improvement.	

	Opportunity For Improvement		
Ref: 1985297- 202011-I2	Area/Process: Tereh POM and Estates	Clause: 4.5.1.2 (part 3)	
Objective Evidence:	The Sustainability and Quality Department has Assessment base on quantitative and qualitative be review and simplified in order to mitigate the legal reference has yet to be correctly reflected improvement.	methods. The methodology needs to Environmental issues. Furthermore,	

Noteworthy Positive Comments		
1	Good cooperation given to the audit team during audit	
2	Good positive feedback received from the stakeholders	

#### 3.3 Status of Nonconformities Previously Identified and OFI

Major/Minor Nonconformities:		
Ref: 1831668-	Area/Process: Tereh POM and Estates	Clause: 4.5.5.1
201906-M1	Issue Date: 17/10/19	Due Date: 16/1/20



Requirements:	The management shall establish a water management plan to maintain the quality and availability of natural water resources (surface and ground water). The water management plan may include:  d) Protection of water courses and wetlands, including maintaining and restoring appropriate riparian buffer zones at or before planting or replanting, along all natural waterways within the estate.
Statement of Nonconformity:	The maintenance of buffer zone was not satisfactorily demonstrated.
Objective Evidence:	During the site visit at Sungai Sembrong Estate's raw water pond, which is to be treated for potable water, it was observed that there were traces of herbicides spraying within the demarcated buffer zone of the pond.
Corrections:	Estate had immediately conducted a re-training during muster briefing for all workers with regards to working (spraying & manuring) at Buffer Zone and water catchment management guides.
Root cause analysis:	Estate want to retain only grasses in Buffer Zone areas instead of noxious weeds i.e clidemia, melastoma and jungle crippers. Workers were not adequately brief by estate management on buffer zone maintenance. Eradication noxious weed i.e Clidemia and Melastome was done by selective spraying using Class 4 chemical (Ally) instead of manual weeding.
Corrective Actions:	Estate will established SOP on buffer zone management. Training will be conducted on Buffer Zone management to mandore and staff. Mandore will be available at all time during spraying work near to buffer zone area.
Assessment Conclusion:	ASA 2 verification:  SOP for buffer zone maintenance documented under Agriculture Reference Manual (ARM), A17 - Protection of Natural Water Courses dated 1/11/18. Refresher training was carried out every year to all employees. For example, buffer zone training was last done on 24/9/20 at Tereh Selatan Estate, 7/9/20 at Selai Estate and 13/1/20 at Tereh Utara Estate. Observed during site visit, there was no evidence of herbicides training at buffer zone area identified with visited estates.
Verification Statement	No recurrence of issue noted, thus the previous NC is remain closed.

#### 3.4 Summary of the Nonconformities and Status

CAR Ref.	CLASS	ISSUED	STATUS
1689024-201806-M1	Major	27/09/2018	Closed on 24/12/2018
1689024-201806-M2	Major	27/09/2018	Closed on 24/12/2018
1831668-201906-M1	Major	17/10/2019	Closed on 16/01/2020

#### 3.5 Issues Raised by Stakeholders

IS#	Description						
1	<b>Issues:</b> Contractors – G-planter: to supply agrochemical and collection of empty chemical container under national programme for HDPE container recycling. No issue of overdue payment so far with Kulim (M) Bhd. Payment was made in timely manner.						
	Management Responses: Will continue good relationship with the supplier.						



	Audit Team Findings: No other issue.		
2	<b>Issues:</b> SK Ladang Tereh - Full support given by the estate management for any programme organized together with parent and teacher association. Most of the members are working with KMB estate and mill. KMB management is always open for any request or assistance whenever required.		
	<b>Management Responses:</b> The management will maintain good relationship with the local communities/neighbouring estate and provide any CSR if necessary.		
	Audit Team Findings: No other issue.		
3	<b>Issues:</b> Selai Cattle – cattle grazing project initiated for Kulim group. Each participating estates will allocate a specific field/block for cattle grazing. This also towards reduction of chemical application in the estate. Each allocated area will be fenced (movable fence) around the parameter.		
	<b>Management Responses:</b> Will increase the cattle grazing area over the years. This also depends on the suitability of estate terrain for cattle grazing.		
	Audit Team Findings: No other issue.		
4	<b>Feedbacks:</b> Gender Representatives – They are aware of the function of the committee and reported that there was no sexual harassment case reported. They were given equal opportunity to work in the company.		
	<b>Management Responses:</b> The management will ensure the welfare and safety of female workers are protected.		
	Audit Team Findings: No further issue.		
5	<b>Feedbacks:</b> Gender Representatives (WOW) – They are aware of the function of the committee and reported that there was no sexual harassment case reported. They were given equal opportunity to work in the company.		
	<b>Management Responses:</b> The management will ensure the welfare and safety of female workers are protected.		
	Audit Team Findings: No further issue.		
6	<b>Feedbacks:</b> Workers representative: No issue with the management and always open for consultation and assistance. Equal opportunity to all workers regardless of their nationality, gender and race.		
	Management Responses: No favouritism and all workers are equally treated.		
	Audit Team Findings: No further issue.		



#### **Section 4: Assessment Conclusion and Recommendation**

#### Acknowledgement of Internal Responsibility and Formal Sign-off of Assessment Findings

Based on the findings during the assessment Kulim (M) Berhad Tereh POM and Tereh Group Estate's Certification Unit comprises of Tereh POM and 8 estates complies with the MS 2530-3:2013 and MS 2530-4:2013. It is recommended that the certification of Kulim (M) Berhad Tereh POM and Tereh Group Estate's Certification Unit is continued.

is conunued.	
Acknowledgement of Assessment Findings	Report Prepared by
Name: Salasah Elias	Name: Mohamed Hidhir Zainal Abidin
Company name: Kulim (Malaysia) Berhad	Company name: BSI Services (M) Sdn Bhd
Title: Deputy General Manager	Title: Lead Auditor
Signature:	Signature:
COMO	
Date: 17 February 2021	Date: 17 <sup>th</sup> February 2020



#### **Appendix A: Summary of the findings by Principles and Criteria**

#### MS 2530-3:2013 Malaysian Sustainable Palm Oil (MSPO) Part 3: General principles for Plantations and Organized Smallholders

Criterion / Indicator		Assessment Findings	Compliance			
4.1 Prin	4.1 Principle 1: Management commitment & responsibility					
Criterio	<b>1 4.1.1</b> – Malaysian Sustainable Palm Oil (MSPO) Policy					
4.1.1.1	A policy for the implementation of MSPO shall be established.  - Major compliance -	Kulim (M) Berhad has established a policy on sustainable palm oil production signed by Managing Director, Mr Mohd Faris dated 1/10/20. The policy was written in bi-lingual (english and national language) available at pertinent location in the estate compound. The new sustainability policy briefing session was done on 10/10/20 at Selai Estate and 1/10/20 at Tereh Utara Estate.	Complied			
4.1.1.2	The policy shall also emphasize commitment to continual improvement.  - Major compliance -	The established policy has emphasized on the commitment to comply with all applicable legal requirements, contribute to local community development, and environmental consideration with the objective of improving the milling and estate operation	Complied			
Criterion	4.1.2 – Internal Audit					
4.1.2.1	Internal audit shall be planned and conducted regularly to determine the strong and weak points and potential area for further improvement.  - Major compliance -	Internal audit was carried by SQD Department for all operating under Sindora Complex. Audit covered both documentation and field operation. Summary of audit findings at all audited estates as per the following:	Complied			



	T		1	ī	1	-
		Date of audit	Finding	Verification	Estate	
		30/9/20	3 NC raised (4.5.3.1, 4.4.4 and 4.4.5.2)	All NC were closed on 31/10/2020.	Tereh Selatan Estate	
		29/9/20	1 NC raised (4.4.5.2)	All NC were closed on 31/10/2020.	Selai Estate	
		28/9/20	1 NC raised (4.4.5.2)	All NC were closed on 28/10/2020.	Tereh Utara Estate	
4.1.2.2	The internal audit procedures and audit results shall be documented and evaluated, followed by the identification of strengths and root causes of nonconformities, in order to implement the necessary corrective action.	System, Internal procedure is de requirements suc	Kulim (M) Berhad has established procedure, Sustainable Management System, Internal Audit: SQD/SMS/5.0, issue: 1 dated 1/7/18. The procedure is designed for all applicable sustainability standards requirements such as ISCC, RSPO, MSPO and management guideline to			
	- Major compliance -		icy requirement. B	sased on the proce	oorated the interna edure, internal audi	
4.1.2.3	Reports shall be made available to the management for their review.	Internal audit repayailable to the n			ıdit team and mad	e Complied
	- Major compliance -		_			
Criterior	<b>4.1.3</b> – Management Review					
4.1.3.1	The management shall periodically review the continuous suitability, adequacy and effectiveness of the requirements for	_			after completion o	



	effective implementation of MSPO and decide on any changes, improvement and modification.  - Major compliance -	internal and external sustainable palm oil audit results review. The status of the correction and preventive actions are being discuss and reviewed. The meeting was chaired by Estate Manager and attended by HODs. Meeting minute at each estates were verified;  Tereh Selatan Estate: 16/10/20  Selai Estate: 6/10/20	
Criterior	<b>1 4.1.4</b> – Continual Improvement	Tereh Utara Estate: 25/9/20	
4.1.4.1	The action plan for continual improvement shall be based on consideration of the main social and environmental impact and opportunities of the company.  - Major compliance -	The Continual Improvement Plan for Kulim estates are available. Among the sampled document reviewed:  i) OHSA – Risk management  ii) Social – SIA improvement  iii) Environmental – Awareness on biodiversity and monitoring of HCV.	Complied
4.1.4.2	The company shall establish a system to improve practices in line with new information and techniques or new industry standards and technology (where applicable) that are available and feasible for adoption.  - Major compliance -	Introduction of projects and innovation by Kulim group of estates were evident. Among completed projects:  1. Mechanization for FFB evacuation (bin system)  2. NRA (noise risk assessment) for estates  3. Power transmission for domestic supply form biogas plant.  4. Cattle grazing integration under Selai Cattle (10-11% cattle grazing area out of total planted area - Selai Estate, 50-51% cattle grazing area out of total planted area)  5. Electric fencing installation (elephant intrusion)	Complied

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4.1.4.3	An action plan to provide the necessary resources including training, to implement the new techniques or new industry standard or technology (where applicable) shall be established.  - Major compliance -	Action is detailed out in the plan and under CAPEX budget as explained under 4.1.4.1.	Complied
	ciple 2: Transparency  4.2.1 – Transparency of information and documents relevant	to MSPO requirements	
4.2.1.1	The management shall communicate the information requested by the relevant stakeholders in the appropriate languages and forms, except those limited by commercial confidentiality or disclosure that could result in negative environmental or social outcomes.  - Major compliance -	Tereh Complex has organized an external stakeholder meeting on 26 <sup>th</sup> August 2020. During this meeting, it was communicated to the external stakeholders the following information which included:  - Relevant information on environmental, social and legal issues Company's policy on MSPO implementation MSPO certification requirements - Legal compliance	Complied
4.2.1.2	Management documents shall be publicly available, except where this is prevented by commercial confidentiality or where disclosure of information would result in negative environmental or social outcomes.  - Major compliance -	The management documents that are publicly available include company's policies, SIA report, HCV report, public summary of certification documents, relevant laws and legal register and land titles.	Complied



4.2.2.1	Procedures shall be established for consultation and communication with the relevant stakeholders.  - Major compliance -	Management System Procedure, Doc. No. SQ The aim of this place communication method Any request for inform the Enquiry Register grievance shall be record SQD/SMS/4.1 – Grievan	Kulim (M) Berhad has established a procedure under Sustainable Management System (SMS), Consultation and Communication Procedure, Doc. No. SQD/SMS/1.0, issue:1 rev.:0 dated 1 <sup>st</sup> August 2020. The aim of this plan is to ensure an open and transparent communication methods with local communities and other stakeholders. Any request for information that publicly available shall be recorded in the Enquiry Register and acted upon within 7 working days. Any grievance shall be recorded in the enquiry register and responded as per SQD/SMS/4.1 – Grievance. Finding shall be communicated to the party concerned and records are kept.			
4.2.2.2	A management official should be nominated to be responsible for issues related to Indicator 1 at each operating unit.  - Minor compliance -	implementing the rec stakeholder engageme review based on inter- update on changes in	Person appointed  Senior Assistant  Assistant manager  Assistant manager  ponsibilities include a quirements of MSPO ent and consultations nal audit report, moniregulatory requiremer nagement officials indi	Letter of appointment  1st November 2018  1st February 2018  19th August 2020  ssisting the Manager in certification standards, c, conduct management tor compliance and track ats. Interviews conducted cate that they understand	Complied	



4.2.2.3	List of stakeholders, records of all consultation and communication and records of action taken in response to input from stakeholders should be properly maintained.  - Major compliance -	Each of the audited estates has its own stakeholder list. These lists comprise their external stakeholders such as:  - Relevant government agencies (e.g. DOE, DOA, Immigration Department, Department of Safety and Health, Labour Department) - Contractors - Suppliers - Consultants - Neighbouring estates - Clinics, hospitals, fire brigade, police, etc.  Correspondence with stakeholders are properly maintained and records of all consultation and communication during the past one year and records of action taken are also properly maintained.	Complied
Criterio	n <b>4.2.3</b> – Traceability		
4.2.3.1	The management shall establish, implement and maintain a standard operating procedure to comply with the requirements for traceability of the relevant product(s).  - Major compliance -	The traceability SOP; Sustainable Management System, Traceability, Doc: No: SQD/SMS/1.2 rev:4 dated 1/8/20 available and outlines the preparations, dispatch and receive of FFB, CPO, Kernel and other by products at KULIM's estate and mill, job assignments and recordings of transport productivity for payment purpose and statistics.	Complied
4.2.3.2	The management shall conduct regular inspections on compliance with the established traceability system.  - Major compliance -	Traceability records is maintained by each estates by using delivery note which include information such as lorry number, field/block number, numbers of bunches. This will be check by field supervisor or estate assistant prior to delivery. Daily inspection and checking is done to cross check the bunch count records and mill's weighbridge ticket information to ensure daily production data is consistent and tally. Sample of FFB deliveries checked:  i) Tereh Selatan Estate	Complied



		D.O no. DB A No. 09239, lorry: JNF9549 field/year: P06/13, weight:5.88 mt, MSPO cert. no.: MSPO 698005 valid until 1/4/2024.  ii) Selai Estate D.O no. DB A No. 91266, lorry: NAY9903, field/year: P13/1 weight: 8.2 mt, MSPO cert. no MSPO 698005 valid until 1/4/2024.  iii) Tereh Utara Estate D.O no LTU.78111, lorry: JNY9549, field/year: P97/5 weight: 6.24 mt, MSPO cert. no MSPO 698005 valid until 1/4/2024.	Complied	
4.2.3.3	The management should identify and assign suitable employees to implement and maintain the traceability system.  - Minor compliance -	Personal in charge for traceability system is head of operating unit, refer to letter from Head of Plantation ref: SQD/ADMIN/017/19 dated 22/9/19.	Complied	
4.2.3.4	Records of sales, delivery or transportation of FFB shall be maintained.  - Major compliance -	All production of the estate is being recorded on daily basis into FFB Record Book. The information recorded including daily crop (mt), to date crop (mt), and yield. Delivery documents are being retained accordingly as per established SOP.	Complied	
4.3 Prin	ciple 3: Compliance to legal requirements			
Criterio	1 4.3.1 – Regulatory requirements			
4.3.1.1	All operations are in compliance with the applicable local, state, national and ratified international laws and regulations.  - Major compliance -	The legal compliance lists of permits & licences are available for all Estate and being monitored and updated periodically by person in- charge of Legal Requirements. Details as below: -		
		Tereh Selatan Estate  License / Permit / Regulatory Requirement Validity  1 MPOB No 5016-7490-2000 30/4/2021  2 KPDNKK – Diesoline storage – BPGK JH 17/6/2021		



	(KLU)0766 SK		
3	KPDNKK – Petrol storage – BPGK JH (KLU) 063/13/SK2	21/12/2020	
4	Suruhanjaya Perkhidmatan Air Negara 1. SPAN/EKS/(PT)/800-4/(1)/3/14 2. SPAN/EKS/(PT)/800-4/(2)/3/14	4/12/2023	
5	Permit Pemotongan Gaji Pekerja 1. Khairat 2. Masjid/Surau/Sukan/Masyarakat 3. Elektrik 4. Kenderaan Sekolah 5. Insuran Great Eastern Life Assurance		
6	6. AIA 7. Tabung Haji Arms and Ammuniation	30/6/2021	
	1. KLG/A/1691 2. KLG/B/1594 3. KLG/B / 2183,2184,2185,2186		
7	Overtime more than 104 hours – JTK/KG/1010300249/01117		
8	Genset – Lesen Bagi Pepasangan Persendirian 2020/02392	10/10/2021	
9		31/12/2020	
10		10/6/2021	
11	Manager Vehicle – JSF 3180	11/7/2021	
12	<u> </u>	29/9/2021	
13	Weighbridge - C200833	28/9/2021	
	Selai Estate		
	License / Permit / Regulatory Requirement	Validity	
1	MPOB No 504229402000	31/7/2021	
2	KPDNKK – Diesoline storage – BPGK JH (KLU)	8/4/2021	



	1994 SK		
3	Suruhanjaya Perkhidmatan Air Negara		
	1. SPAN/EKS/(PT)/800-4/(1)/4/14	12/4/2023	
	2. SPAN/EKS/(PT)/800-4/(2)/4/14		
4	Permit Pemotongan Gaji Pekerja		
	1. Khairat		
	<ol><li>Masjid/Surau/Sukan/Masyarakat</li></ol>		
	3. Elektrik		
	4. Kenderaan Sekolah		
	5. Insuran Great Eastern Life Assurance		
	6. AIA		
	7. Tabung Haji	10/0/0000	
5	Arms and Ammuniation	19/6/2020	
	1. KLG/A/1637	in the	
	2. KLG/B/2179 3. KLG/B /2187	process of renewal.	
6	Genset – Lesen Bagi Pepasangan Persendirian 2019/02546	20/8/2021	
7	BAKAJ – 07/A/KLG/020	31/12/2020	
8	Air Compressor – JH PMT 18281	10/6/2021	
9	Manager Vehicle – JSS 2576	11/4/2021	
10	Van – JSJ 4407	29/9/2021	
	Tereh Utara Estate		
	License / Permit / Regulatory Requirement	Validity	
1	MPOB No 5016-7310-2000	30/4/2021	
2	KPDNKK - Diesoline storage - BPGK JH (KLU)	3/5/2021	
	0726 SK		
3	Suruhanjaya Perkhidmatan Air Negara		
	1. SPAN/EKS/(PT)/800-4/(1)/3/14	12/4/2023	
	2. SPAN/EKS/(PT)/800-4/(2)/3/14		
4	Permit Pemotongan Gaji Pekerja		



			1. Khairat 2. Masjid/Surau/Sukan/Masyarakat 3. Elektrik 4. Kenderaan Sekolah 5. Insuran Great Eastern Life Assurance 6. AIA 7. Tabung Haji
		6 7 8 9 10	KPDNKK – Petrol storage – BPGK JH (KLU) 19/3/2021 015/13/SK2
4.3.1.2	The management shall list all laws applicable to their operations in a legal requirements register.  - Major compliance -	laws	Nursery - 619204011000  (Malaysia) Berhad has established and updated list of applicable and regulations that are applicable for the Estate The list and arry of legal, has divided into four (4) Segment namely: -    Segment
		2	Law and Acts that applicable to Plantation Industry in Malaysia and other requirement  Covid-19 – Pandemic Diseases 10



		3	Code of Practice and Guidelines that applicable to Plantation Industry in Malaysia and other requirement	5	
		4	Internal Policy	15	
		and be	egal register is prepared by Sustain eing updated every 2 months, latest blicable laws sighted includes:		
		• MF • Ch • Wo			
			orkmen's Compensation Act 1952 (A nimum Wages Order 2020	ct 273)	
4.3.1.3	The legal requirements register shall be updated as and when there are any new amendments or any new regulations coming into force.  - Major compliance -	through 1. Ne 2. La Pu 3. Cir 4. Int	nechanism used for tracking changes gh the following methods; ews release through daily newspaper w change tracked by book polications). rculars from relevant association (eg. ternet (e-federal gazette, www. arta.com.my)	ublisher (MDC Book MPOA, MPOB, MAPA) w.lawnet.com.my, www.e-	Complied
			Kulim (M) Berhad Legal Department of Mana (M) Berhad Legal Department of Mana (M) and the M) are th		



4.3.1.4	The management should assign a person responsible to monitor compliance and to track and update the changes in regulatory requirements.  - Minor compliance -	In addition, Abdul Hamic responsibiliti  I. Ide II. Mor III. Pre Maintain hi	II. Monitoring of compliance action plan				Complied
Criterior	4.3.2 – Lands use rights						
4.3.2.1	The management shall ensure that their oil palm cultivation activities do not diminish the land use rights of other users.  - Major compliance -	The usage of encroachme		les area fo	or agriculture pu	rposes and no land	Complied
4.3.2.2	The management shall provide documents showing legal ownership or lease, history of land tenure and the actual use of the land.	The management Kulim (M) Berhad group estates have provided documents to show legal ownership. Sighted during the audit were the title documents issued as summarized below:					Complied
	- Major compliance -	Name of Estate	Grant details	Land size (Ha)	Legal ownership/ Tenure	Land use type	
		Tereh Selatan Estate	No. HSD 6061,	607.027 5 ha	Lease hold for 99 years	No specific term	

## bsi.

### MSPO Public Summary Report Revision 1 (Feb 2020)

	lot/PT no. PTD 3509 4 land titles with total of 2,707.32 ha		until 27 June 2079		
Selai Estate	i) No. HSD 8848, lot/no. PT PTD3081 3,178.83 ha ii) No. HSD 8847, lot/no. PT PTD 2057 356.2407 ha	3,535.0 7 ha	Freehold	Cultivation of oil palm	
Tereh Utara Estate	i) No. HSD 5655, lot/no. PT PTD3504 8 title with total of	1,210.3 237 ha	Lease hold for 99 years until 27 August 2078	Cultivation of oil palm	



4.3.2.3	Legal perimeter boundary markers should be clearly demarcated and visibly maintained on the ground where practicable.	Although only some of the boundary stones were managed to be found by the company, the demarcation of boundaries at the visited estates using concrete pole painted with red and white was very obvious, especially at the boundaries with third parties	Complied
4.3.2.4	- Major compliance -  Where there are, or have been, disputes, documented proof of legal acquisition of land title and fair compensation that have been or are being made to previous owners and occupants; shall be made available and that these should have been accepted with free prior informed consent (FPIC).  - Minor compliance -	So far there has no issue on land dispute at the visited estates and verified through stakeholder's consultation and documentation of land ownership. However, management has the SOP – Land Encroachment, PROP/MP/5 rev:4 isseu:0 dated 9/6/20 to ensure that any negotiations with regards to compensation for loss of local rights are dealt with fairly.	Complied
Criterior	4.3.3 – Customary rights		
4.3.3.1	Where lands are encumbered by customary rights, the company shall demonstrate that these rights are understood and are not being threatened or reduced.  - Major compliance -	The estate lands are legally owned by the company. Interview with the surrounding communities and stakeholders confirm no disputes.	Complied
4.3.3.2	Maps of an appropriate scale showing extent of recognized customary rights land, if any, should made available.  - Minor compliance -	The estate lands are legally owned by the company. Interview with the surrounding communities and stakeholders confirm no disputes.	Complied
4.3.3.3	Negotiation and FPIC shall be recorded and copies of negotiated agreements should be made available.  - Major compliance -	The estate lands are legally owned by the company. Interview with the surrounding communities and stakeholders confirm no disputes.	Complied



4.4 Principle 4: Social responsibility, health, safety and employment condition							
Criterion 4.4.1: Social Impact Assessment (SIA)							
4.4.1.1	Social impact should be identified and plans are implemented to mitigate the negative impacts and promote the positive ones.  - Minor compliance -	Social impact has been identified based on consultative process to mitigate the negative impacts and promote the positive one. Based on the social impact improvement plan, total of 12 negative and 2 positive impacts identified with proposed mitigation plan for improvement. Social management plan for Tereh Complex Estates dated 30/9/20 is referred to. Changes with regards to Workers Minimum Housing Standard and Amenities Regulation 2020 effective 1st September 2020 has been captured in the social management plan. Consultation with JTK and NUPW will be done to ensure compliance with the new regulation and improve living condition for workers.	Complied				
Criterio	n 4.4.2: Complaints and grievances						
4.4.2.1	A system for dealing with complaints and grievances shall be established and documented.  - Major compliance -	Grievance Procedure, Doc. No. SQD/SMS/4.1 issue:1 dated 1 <sup>st</sup> August 2020 has been established by Kulim (M) Berhad. This procedure is referred to when managing complaints and grievances raised by all parties including internal (employees) and external stakeholders (statutory bodies, local communities, smallholders and NGOs)	Complied				
4.4.2.2	The system shall be able to resolve disputes in an effective, timely and appropriate manner that is accepted by all parties.  - Major compliance -	Based on the procedure, the Company's dispute resolution mechanism is able to resolve disputes in an effective, timely and appropriate manner. Timeline for resolution as per the following:  Employee – matter to be settled within 10 working days.  Others – to obtain satisfaction within 7 working days.  The Company's whistle blowing Policy which approved by Kulim (M) Berhad's board of director dated 10 <sup>th</sup> September 2020 provides	Complied				



		anonymity and assurance against retaliation and immunity to the whistle blower.	
4.4.2.3	A complaint form should be made available at the premises, where employees and affected stakeholders can make a complaint.  - Minor compliance -	The complaint form is made available together with the Enquiry Register Record in the suggestion box in front of office and compiled in Enquiry Register Book. The form is made for complaint, requisition or visit/inspection.	Complied
4.4.2.4	Employees and the surrounding communities should be made aware that complaints or suggestions can be made any time.  - Minor compliance -	There is evidence that employees are made aware that complaints or suggestions can be made anytime during muster briefings. Formal complaints need to be recorded in the form created for tracking and updates.  For external stakeholders, this was made aware during the stakeholder meeting held on 26 <sup>th</sup> August 2020. All issues were discussed and recorded in the meeting minutes.	Complied
4.4.2.5	Complaints and resolutions for the last 24 months shall be documented and made available to affected stakeholders upon request.  - Major compliance -	All complaints and resolutions for the past 24 months were available upon request.	Complied
Criterior	1 4.4.3: Commitment to contribute to local sustainable devel	opment	
4.4.3.1	Growers should contribute to local development in consultation with the local communities.  - Minor compliance -	The management has made contribution to the local communities and workers such as donation to the school and activities upon request by the stakeholders. As for Tereh Complex Estate's, water and electricity. The company also provided job opportunity to the local communities. Other contributions sighted;  i) Donation for Hari Raya preparation	Complied



Criterio	<b>1 4.4.4:</b> Employees safety and health	ii) Food ration supply during Movement Control Order @ MCO iii) School attire donation iv) Donation for school activities (Cocurricular day, Parents and Teachers Association etc)	
4.4.4.1	An occupational safety and health policy and plan shall be documented, effectively communicated and implemented.  - Major compliance -	The Group Occupational Safety & Health Management Policy had been established and implemented. The policy was signed by Tuan Zulkifly Zakariah, the Executive Director of Kulim (Malaysia) Berhad on 1 <sup>st</sup> May 2018 and being displayed prominently on notice boards in English and local language Bahasa Malaysia.  The Policy is implemented through the OSH activities by the SQD Executives and monitored by SQ Department at Head Office. Included in the policy is the commitment of the Company to;  a) Comply or where practicable exceed applicable OSH legislation, regulations and codes of practices.  b) Regularly review and audit the OSH management systems to ensure that they remain relevant and appropriate.  c) Effective communication of this policy to all employees and other affected parties  d) Regularly and continuously conduct education, training and awareness program on OSH to all parties concerned.  The implementation of OSH plan was monitored by internal audits conducted by OSH executives from SQ Department and Regional Office.	Complied
4.4.4.2	The occupational safety and health plan shall cover the following:	The Group Occupational Safety & Health Management Policy had been established and implemented. The policy was signed by Tuan Zulkifly Zakariah, the Executive Director of Kulim (Malaysia) Berhad on 1st May	Complied



- a) A safety and health policy, which is communicated and implemented.
- b) The risks of all operations shall be assessed and documented.
- c) An awareness and training programme which includes the following requirements for employees exposed to pesticides:
  - i. all employees involved shall be adequately trained on safe working practices
  - ii. all precautions attached to products shall be properly observed and applied
- d) The management shall provide the appropriate PPE at the place of work to cover all potentially hazardous operations as identified in the risk assessment and control such as Hazard Identification, Risk Assessment and Risk Control (HIRARC).
- e) The management shall establish Standard Operating
  Procedure for handling of chemicals to ensure proper and
  safe handling and storage in accordance to Occupational
  Safety Health (Classification Packaging and Labeling)
  Regulation 1997 and Occupational Safety Health (Use and
  Standard of Exposure of Chemical Hazardous to Health)
  Regulation 2000.
- f) The management shall appoint responsible person(s) for workers' safety and health. The appointed person(s) of trust must have knowledge and access to latest national regulations and collective agreements.

2018 and being displayed prominently on notice boards in English and local language Bahasa Malaysia.

Risk assessment was conducted by ESH Committee and being reviewed yearly and if any accident occurred. HIRARC sighted for the followings work operation: -

	1		1		
1	Manuring	2	Chemical Mixing	3	Landfill
4	Trunk Injection	5	Harvesting	6	Pruning
7	FFB Transport	8	Road Maintenance	9	Census
10	Roto slashing	11	Upkeep drain	12	Gen-set
13	Supplying	14	EFB Application	15	Fogging
16	Rat Baiting	17	Bio-compost	18	Clinic
19	Water	20	Pulling creepers 21		Line site
	Treatment				
22	Diesel and	23	Schedule waste	24	Office
	Lubricant store				
25	Workshop	26	Beneficial Plant	27	Security
28	Electric fencing	29	Mosque	30	Canteen
31	Mini Tractor				

The Estate has a comprehensive OSH Annual Training Plan 2020 for the Staffs and Workers and this was sighted in the training records file for each staffs and workers. Training Plan includes: -

			Tere	h Selatan	9	Selai	Tereh Utara	
				Actual	Program	Actual	Program	Actual
			Program		•		,	
•	1	Manuring - Manual application	3/2020	4/2/2020	3/2020	16/7/2020	3/2020	6/3/2020
2	2	Spill Containment	6/2020	5/3/2020	7/2020	18/6/2020	6/2020	16/9/2020
(	3	Harvesting	3/2020	8/1/2020	8/2020	10/8/2020	3/2020	11/1/2020
4	4	Waste	2/2020	5/3/2020	5/2020	10/5/2020	2/2020	17/7/2020



g) The management shall conduct regular two-way communication with their employees where issues affecting their business such as employee's health, safety and welfare are discussed openly. Records from such meeting are kept and the concerns of the employees and any remedial actions taken are recorded.

- h) Accident and emergency procedures shall exist and instructions shall be clearly understood by all employees.
- i) Employees trained in First Aid should be present at all field operations. A First Aid Kit equipped with approved contents should be available at each worksite.
- j) Records shall be kept of all accidents and be reviewed periodically at quarterly intervals.
- Major compliance -

_							
	cleaning ad landfill						
5	Spraying	2/2020	13/1/2020	3/2020	12/3/2020	7/2020	8/11/2020
6	Schedule waste	2/2020	9/2/2020	2/2020	3/2/2020	8/2020	20/10/202
7	Water Treatment	4/2020	5/1/2020	2/2020	14/2/2020	4/2020	
8	Water sampling	7/2020	9/2/2020	2/2020	13/2/2020	7/2020	
9	First Aid	7/2020	17/2/2020	3/2020	9/3/2020	7/2020	9/11/2020
10	Safety work at Fertiliser store	1/2020	14/1/2020	6/2020	11/6/2020	1/2020	
11	Safety work at chemical store	1/2020	14/1/2020	6/2020	13/6/2020	1/2020	
12	Rat Baiting	1/2020	7/1/2020	1/2020	2/1/2020	1/2020	19/2/2020

Estate has provided appropriate PPE for all workers in their operations. Sighted PPE Issuance and replacement record of all Estates. During field visit, the workers have been trained with safety and the workers wear the PPE required by his/her works.

	Workers category	Type of PPE		
1	Harvesting	Hand Glove, Wellington boots,		
		Sickle & Chisel cover, Safety		
		Helmet		
2	Spraying	Nitrile Glove, Wellington boots,		
		Safety Helmet, Respirator,		
		Goggles, Apron		

The estates have established SOP for chemical handling. This is available in Agriculture manual and SOP provided in the Company's documents - Operational Control Procedure under subject Chemical Safety Management. This includes compliance related to;



- Conduct/reassess CHRA
- Review of chemical register
- Chemical management assessment review
- Conduct health surveillance.

Sample taken on Spill Containment Training dated 5/03/2020 by En. Md Rizam Thikiran, Estate Assistant Manager of Tereh Selatan Estate attended by 5 participants

CHRA report for all Estates being conducted and reported by Hajah Noormahani Harun – JKKP HQ/03/ASS/00/154 from QMS Pro Sdn Bhd dated 13.09.2018. The assessment covering 6 works unit, namely:

- Diesel Handler
- Fertilizer Application
- Fogging Personnel
- Pesticides application
- Water treatment
- Workshop

Sighted the Manager's Response to Assessor Recommendation in Form F and action need to be taken on yearly basis in January.

Medical Surveillance have been conducted on 15<sup>th</sup> October 2020 for 22 workers from Tereh Selatan, 42 workers from Tereh Utara and 26 workers from Selai Estate. They were tested on Physical examination, Glycosuria, Hematuria, BUSE, Renal Profile, Liver function test & S. Cholinesterase.The assessment being conducted by Dr. Zainudin Muid, JKKP HQ/08/doc/00/458 Poliklinik Intan, Kluang. All the workers are fit for work.



Kulim (M) Berhad has appointed En. Noordin bin Saian , HQ/18/PEB/00/00018 as the Noise Risk Assessor for all Estates in February 2020. However, the Assessment yet to be conducted due to outbreak of Pandemic Covid 19.

OSH Committee Chart 2020 sighted. Seen, letter of appointment for committee members in the file. Estate Manager is the Chairman of OSH Committee and being appointed on 21st September 2020 by En. Juharudin Ahmad, Chairman Safety and Health. The committee meeting has been conducted on quarterly basis as sample follows: -

	Tereh Selatan	Tereh Utara
1 <sup>st</sup>	5th March 2020	17 <sup>th</sup> March 2020
2 <sup>nd</sup>	3 <sup>rd</sup> June 2020	24 <sup>th</sup> June 2020
3rd	6th September 2020	29th September 2020

The meeting to discuss all issues regarding worker's safety and health. All issues raised and discussed during conducted meeting has been resolve and taken action by management with proper action and target date.

Sighted the emergency procedure for the Estate Emergency response plan available in local language (Malay and English). The ERP has been explained to all workers and staffs during training which has been conducted concurrently with MSPO Policy Briefing.

Sample taken at Selai Estate training conducted to all workers during morning Muster dated 26<sup>th</sup> February 2020.



Emergency response plan include the emergency contact number, and also have Guidelines on Accident, Emergency Procedures and Exit routes as well as assembly point in file and pasted on notice board.

First Aid Box being placed in various stations or activity areas, namely:

No	Estate	No of Units	Location
1	Tereh Selatan	14	Water treatment plant,
2	Selai	10	surau, line site, store,
3	Tereh Utara	7	workshop, clinic, bungalow

1<sup>st</sup> Aider for Tereh Selatan is En. Muhammad Huzairia, who attended Course on Pertolongan Cemas Asas dan CPR dated 12<sup>th</sup> March 2020 organised by Persatuan Bulan Sabit Merah Malaysia. The certificate valid until 11<sup>th</sup> December 2022

As for Selai Estate, En. Muhammad Najib bin Yusof and En Raja Muhammad Iskandar, who attended Course on Pertolongan Cemas Asas dan CPR dated 28th December 2018 organised by Persatuan Bulan Sabit Merah Malaysia. The certificate valid until 8th August 2021.

In Tereh Utara, En Jufridin bin Atan @ Abdul Rahim as the 1st aider who attended Course on Pertolongan Cemas Asas dan CPR dated 12th March 2020 organised by Persatuan Bulan Sabit Merah Malaysia. The certificate valid until 11th December 2022

Seen, the Fire Extinguisher Location Map of Estate and the details as below: -

No	Estate	No of Units	Location
1	Tereh Selatan	54	Water treatment plant,
2	Selai	49	surau, line site, store,



		Records of a	Records of all accidents are kept in both estates for a min of 10 years.  Accident incidences are reviewed during safety meetings. Records in 2019 as extracted from the JKKP 8 submitted to DOSH as shown below;					
		Estate	No of Cases	ases LTI Non L		JKKP 8 Submission		
		Tereh Selatan	18	73	0	15/1/2020		
		Selai	7	33	0	5/1/2020		
		Tereh Utara	10	134	0	3/1/2020		
Criterior	4.4.5: Employment conditions							
4.4.5.1	The management shall establish policy on good social practices regarding human rights in respect of industrial harmony. The policy shall be signed by the top management and effectively communicated to the employees.	policy which Initiatives Co (new MD) ef	newly revised ouncil Meeting fective 1 <sup>st</sup> Octo	and ap on 29 <sup>th</sup> ber 202	oproved b July 2020 0.	(M) Berhad's sustaina y Kulim's Sustainabi . Transition period fo	lity & or the	Complied
	- Major compliance -	This Policy is documented and affirms the Company's commitment to protect and advance human rights, including prohibiting retaliation, intimidation, and harassment against Human Rights Defenders, whistle blowers, complainants and community spokespersons.						
4.4.5.2	The management shall not engage in or support discriminatory practices and shall provide equal opportunity and treatment regardless of race, colour, sex, religion, political opinion, nationality, social origin or any other distinguishing characteristics.	interviewed, where they confirmed that no form of discrimination exists.						



	- Major compliance -		
4.4.5.3	Management shall ensure that employees' pay and conditions meet legal or industry minimum standards and as per agreed Collective Agreements. The living wage should be sufficient to meet basic needs and provide some discretionary income based on minimum wage.  - Major compliance -	Workers' pay slips were sighted for the months of June 2020 (peak crop), January 2020 (low crop) and May 2020 (normal). Pay slips belong to the following workers were verified and it showed that all sampled workers receive minimum wages of RM1,200 and above, which is in compliance with the Minimum Wages (Amendment) Order 2020. The Malaysian workers' wages are deducted for statutory payments such as the EPF, SOCSO and EIS.	Complied
		- Tereh Selatan Estate (Employee ID 612140, 612215, 612559, 612262, 612335, 612138, 612141)	
		- Selai Estate (Employee ID 616556, 616617, 616637, 616823, 616147, 616732, 616894, 616882, 616918)	
		- Tereh Utara Estate (Employee ID 611462, 611445, 611470, 611273, 611257, 611522, 611540, 611541, 611248, 611306)	
4.4.5.4	Management should ensure employees of contractors are paid based on legal or industry minimum standards according to the employment contract agreed between the contractor and his employee.  - Minor compliance -	Management for the Estates ensure employees of contractors are paid in accordance with the provisions of the Minimum Wages Order by making it compulsory for contractors to submit their workers' monthly pay slips. For Tereh Selatan Estate, harvesting contractor (Jeevandren Enterprise) submits the workers' monthly wage payment slip. Sighted during the audit were monthly wage payment slip for September 2020 and October 2020 for Papeladoshi workers ID (PL 0274876)	Complied
4.4.5.5	The management shall establish records that provide an accurate account of all employees (including seasonal workers and subcontracted workers on the premises). The records should contain full names, gender, date of birth, date of entry, a job description, wage and the period of employment.	and October 2020 for Bangladeshi worker ID (BL0274876).  All the Estates has records of all employees including contractors' employees. The record containing details such as full name, gender, nationality, date of birth, date of employment, job description, wage and period of employment.	Complied



	- Major compliance -		
4.4.5.6	All employees shall be provided with fair contracts that have been signed by both employee and employer. A copy of employment contract is available for each and every employee indicated in the employment records.	All employees (local and foreign) sign employment contracts which contents comply with Employment Act 1955. All contracts are signed by both the employer and the employee and are made available for all workers.	Complied
	- Major compliance -	The employment contracts of local workers state that the duration as until retirement age, in accordance with the Minimum Retirement Age Act 2012. For foreign workers, the duration is for 2-3 years and based on nationalities. Among the other terms and conditions in the employment contract include overtime pay, rest day, working hours, rate for working on rest day, termination notice period, public holidays, paid annual leave, paid medical leave, etc. Based on review, the contracts are deemed fair.	
4.4.5.7	The management shall establish a time recording system that makes working hours and overtime transparent for both employees and employer.  - Major compliance -	The Estates have established a time recording system which is transparent for both employees and employers. At Tereh Estate Complex, the daily puch card/master chit was sighted for May 2020. It contains name of worker, block he/she worked, working time, rest hours, and total hours of work. This record is checked by the mandores and further verified by assistant manager and approve by the estate manager.	Complied
4.4.5.8	The working hours and breaks of each individual employee as indicated in the time records shall comply with legal regulations and collective agreements. Overtime shall be mutually agreed and shall always be compensated at the rate applicable and shall meet the applicable legal requirement.  - Major compliance -	The working hours and breaks of each individual employee is recorded in their respective employment contracts which clearly stipulate that working hours is 8 hours from 0630 AM to 1430 PM inclusive of 30 minutes of break time. Based on records available, and interviews conducted with the workers confirmed that they work 8 hours. Any	Complied



		overtime work is paid in accordance with the provisions of the Employment Act 1955.	
4.4.5.9	Wages and overtime payment documented on the pay slips shall be in line with legal regulations and collective agreements.  - Major compliance -	Based on January 2020 (low crop), May 2020 (normal) and June 2020 (peak crop) pay slips reviewed at Tereh Complex Estates, workers receive wages and overtime pay in accordance with the Minimum Wages Order, which is RM1,200 and above per month. Sample of workers as per the following:	Complied
		- Tereh Selatan Estate (Employee ID 612140, 612215, 612559, 612262, 612335, 612138, 612141)	
		- Selai Estate (Employee ID 616556, 616617, 616637, 616823, 616147, 616732, 616894, 616882, 616918)	
		- Tereh Utara Estate (Employee ID 611462, 611445, 611470, 611273, 611257, 611522, 611540, 611541, 611248, 611306)	
4.4.5.10	Other forms of social benefits should be offered by the employer to employees, their families or the community such as incentives for good work performance, bonus payment, professional development, medical care and health provisions.	Workers of Tereh complex estates receive various social benefits and this include free housing with amenities such as football field, badminton/takraw fields, places of worship, free medical treatment for workers and their dependents as well as creche facilities.	Complied
	- Minor compliance -		
4.4.5.11	In cases where on-site living quarters are provided, these quarters shall be habitable and have basic amenities and facilities in compliance with the Workers' Minimum Standards Housing and Amenities Act 1990 (Act 446) or any other applicable legislation.  - Major compliance -	Workers of Tereh complex estates are provided with on-site living quarters with basic amenities such as playground, badminton/takraw fields, sundry shop, community hall, places of worship. Each house has 3 rooms. Workers confirmed that any repair works that need to be done are being carried out promptly. Weekly line site inspection was carried	Complied



		out by EHA. Sighted inspection records for September and October 2020 and recorded in the checklist "Rekod Pemeriksaan Perumahan Pekerja".  VMO visit carried out was carried out very fortnightly by Dr Helen Tan. Log book record (clinic visit/review patient) dated 4/10/20, 25/10/20 and 8/11/20 at Tereh Utara Estate.	
4.4.5.12	The management shall establish a policy and provide guidelines to prevent all forms of sexual harassment and violence at the workplace.  - Major compliance -	Tereh Group estates subscribed to the sexual harassment policy signed by Executive Director on 1/5/2018. Kulim (M) Berhad is committed to ensure by providing safe workplace with no abuse and no sexual harassment to direct and indirectly to all workers and stakeholders. The latest gender committee meeting was last carried out on 11th October 2020 at Tereh Selatan Estate.	Complied
		At Selai Estate, the latest gender committee meeting was carried out on 9th February 2020 and 31st January 2020 at Tereh Utara Estate.	
4.4.5.13	The management shall respect the right of all employees to form or join trade union and allow workers own representative(s) to facilitate collective bargaining in accordance with applicable laws and regulations. Employees shall be given the freedom to join a trade union relevant to the industry or to organize themselves for collective bargaining. Employees shall have the right to organize and negotiate their work conditions. Employees exercising this right should not be discriminated against or suffer repercussions.  - Major compliance -	The management respected the right of all employees to form and join trade union and allow workers' own representative(s) to facilitate collective bargain in accordance with applicable laws and regulations. This was mentioned in the Core Labour Standard Policy dated 01 May 2018 and signed by the Executive director. The workers have their freedom to join the NUPW. This was evident form NUPW membership subscription deductions made in the pay slips. During the interview with workers, there no evidence to show that the management had restricted its workers and staff from joining a trade union. Latest union meeting was carried out on 8/9/20 at Tereh Selatan Estate and 2/10/20 at Selai Estate. As for Tereh Utara Estate, the last meeting was carried out on 14/7/20. No unresolved issues reported in the meeting.	Complied



4.4.5.14	Children and young persons shall not be employed or exploited. The minimum age shall comply with local, state and national legislation. Work by children is acceptable on family farms, under adult supervision, and when not interfering with their education programmes. Children shall not exposed to hazardous working conditions.  - Major compliance —	years	No workers less than 16 years old will be recruited and less than 18 years old for hazardous work. Verified the document Employee Master List confirmed that all the workers employed were above 18 years old.					•
Criterion	1 4.4.6: Training and competency							
4.4.6.1	All employees, contractors and relevant smallholders are appropriately trained. A training programme (appropriate to the scale of the organization) that includes regular assessment of training needs and documentation, including records of training shall be kept.	workers and this was sighted in the training records file for each staffs and workers. Apart from OSH Training in 4.4.4.2, listed below the training related to Sustainable and Environmental:						
	·			Selai Est Program	1	Tereh U Program		
	- Major compliance -	1	Polisi Kilanan	1/2020	10/1/2020	7/2020	3/8/200	
		2	Polisi Whistle Blowing	10/2020	2/10/2020	3/2020	6/10/2020	
		3	Polisi OSH	2/2020	17/2/2020	5/2020	20/5/2020	
		4	Polisi Etika – Anti Rasuah	2/2020	17/2/2020	4/2020	1/6/2020	
		5	Polisi MSPO	2/2020	26/2/2020	1/2020	8/5/2020	
		6	Polisi Alam Sekitar	3/2020	13/3/2020	1/2020	18/5/2020	
		7	Zero Burning	9/2020	25/9/2020	1/2020	20/9/2020	
		8	,	9/2020	21/9/2020	3/2020	4/9/2020	
		9	HCV /Biodiversity	9/2020	7/9/2020	3/2020	12/3/2020	



4.4.6.2	Training needs of individual employees shall be identified prior to the planning and implementation of the training programmes in order to provide the specific skill and competency required to all employees based on their job description.	Training Need Analysis being documented for all employees under Doc No: LTS/SMS/3F2, Issue No: 1, Rev:0 dated 1 <sup>st</sup> August 2020.  Seen, all the training need / matrix of all the personnel in the files. Training Need Analysis of all workers are based on their competencies and job description.	Complied
	- Major compliance -		
4.4.6.3	A continuous training programme should be planned and implemented to ensure that all employees are well trained in their job function and responsibility, in accordance to the documented training procedure.	All workers involved in the operations have been adequately trained in safe working practice. The Estate has a comprehensive Training Needs Analysis for staffs and workers and this was sighted in the training records file.	Complied
	- Minor compliance -	Trainings conducted were recorded in the various trainings record and completed with attendance records, training materials and photographs of the training.	
4.5 Prir	nciple 5: Environment, natural resources, biodiversity	and ecosystem services	
Criterio	on 4.5.1: Environmental Management Plan		
4.5.1.1	An environmental policy and management plan in compliance with the relevant country and state environmental laws shall be developed, effectively communicated and implemented.  - Major compliance -	Kulim (Malaysia) Berhad do established the Environmental Management Policy issued on Group level signed by the Executive Director, Tuan Zulkifly Zakariah dated in 1st May 2018. Kulim Malaysia Berhad is committed to the creation through team effort of a quality environment as key factor in the continuous success of business. Among others the organization shall;	Complied



- the business commitment on caring for the environment.
- d) Continue to explore and implement cost effective technology in environmental Policy and the achievement of environmental objectives and targets.
- e) Review, adopt and implement Good Management Practices currently established in the industry.
- f) Plan, assess and take judicious actions to alleviate any potential negative impacts on the environment and local community with respect to any new development.
- g) Adopt and implement the principles of Reduction, Reuse and recycle in all matters pertaining to the use of resources and to pollution elimination.
- h) Continue to enhance the knowledge and skill for employees by briefing, training and exposure to relevant new technology with respect to any new improvement or development of the industry.
- i) Monitor and report to the Board of Directors on the implementation of this Environmental Policy, and the achievement of environmental objectives and targets.

Communications to the internal and external stakeholders were through training and briefing at muster grounds. The session conducted as sample follows: -

- Sighted Schedule Waste Training being conducted on Regional Basis comprising Tereh Utara, Tereh Selatan and Selai Estate dated 20/10/2020 by Cik Nuraini Abdul Hamid, Executive Regional Office attended by 13 participants
- Training on Buffer Zone/ HCV area dated 8<sup>th</sup> November 2020 conducted by Mohd Izzat Ismail, Assistant Manager attended by 4 participants at Tereh Utara Estate.
- Sustainability Policy training was conducted by En Mohd Izzat Ismail to all workers and staffs comprising 260 participants dated 1/10/2020 at Tereh Utara Estate



4.5.1.2	The environmental management plan shall cover the following:  a) An environmental policy and objectives;  b) The aspects and impacts analysis of all operations.  - Major compliance -	Apart from Environmental Policy, Kulim (Malaysia) Berhad has established Sustainabilty Policy signed by the Managing Director, Tuan Mohd Faris bin Adli Shukery dated in 1st October 2020. The policy stated that Kulim is actively seeking continually improve environmental performance through:  • Pollution prevention by minimizing emissions to air, land and	Complied
		<ul> <li>water. Optimal use of renewable resources, while minimizing the use of non -renewable resource.</li> <li>Provision of adequate resources for effective implementation of Sustainable Management Programs</li> <li>Ensuring integration of Sustainable programs with all other company policies</li> </ul>	
		The Estates has conducted Environmental Aspect and Impact Assessment for all its' activities in year 2020. The environmental Assessment findings are recorded in document titled Environmental Risk Assessment.	
		Environmental Risk Assessment being reviewed on annual basis and last reviewed in September 2020. The Environmental Risk Assessment has covered 16 keys activities of the plantation such as: -	
		<ol> <li>Application of Bio-compost</li> <li>Production of Bio-compost</li> <li>Dispensary</li> <li>Community</li> <li>Harvesting</li> <li>Manuring</li> <li>Storage of Schedule Waste</li> <li>Storage</li> </ol>	
		<ol> <li>Usage and Handling of Chemical</li> <li>Use of machine and tractor</li> <li>Water treatment plant for drinking water</li> </ol>	

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- 12. Diesel Engine for Generating Power
- 13. Cattle rearing
- 14. Construction
- 15. Office
- 16. Machine Vehicle Maintenance
- 17.

The company has developed quantitative and qualitative risk assessment method in order to mitigate the negatives and promote the positives impact. The methodology involves 3 main categories: -

- 1. Aspect / Impact identification
  - has identified columns for sub-activity Condition of assessment, aspect, impact,
- 2. Risk Assessment
  - Other than column for Existing control measures and legal compliance, the Risk Control rating will be defined from herein. The methods as follows: -

Rating Severity for (L) from 1 to 25 consist of 4 severity impacts as follows: -

- a. Environmental Concern
- b. Cost of Remedy
- c. Concern by Interested Parties
- d. Public Image

and rating for Probability (S) from 1 to 5. Subsequently,

the Management need to determine the Significant Aspect,

which the scoring base on severity. If Yes, the scoring is

above 3 at (L) or L x S above 8.

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		h S F C	ighest risk num = Risk Rating. tisk Control wil ategorized in	nber among th I be determini to trivial, a e environmenta	e 4 componing the Risk acceptable, all ratings are	la of L (select the ents of severity) x  Conclusion which significant and e classified as low -25).	
		3. Risk	Control				
		- v	vill define the P	erson in-charg	e, Action pl	an and timeline.	
		Environment methods. Th to mitigate have yet to	OFI - The Sustainability and Quality Department has developed the Environmental Risk Assessment base on quantitative and qualitative methods. The methodology needs to be review and simplified in order to mitigate the Environmental issues. Furthermore, legal references have yet to be correctly reflected with the environment aspect for improvement.				
4.5.1.3	An environmental improvement plan to mitigate the negative impacts and to promote the positive ones, shall be developed, effectively implemented and monitored.  - Major compliance -	has been de promote the	Sighted, Environmental Risk Assessment for the year 2020 in all Estates has been developed and the mitigation on the negative impacts and to promote the positive one being recorded under Waste & Pollution Management Plan. Sample taken at Tereh Utara Estate as follows on the ERA: -				
		Process/ Area	Sub - Activity	Aspect	Impact	Existing Control Measures	
		Workshop	Parked Vehicles	Leakage of engine oil onto land	Land Pollution	Drip Tray	



		Manuring	Field application	Fertilizer leaching into field drain when expose to rain	Water pollution	SOP Procedure  Constructed silt pit and scupper drain at steep roads  Avoid application during rainy weather.	
		Storage Schedule waste	Disposal of schedule waste	Spillage of contaminat ed water into soil	Land pollution	Disposal by DOE approved contractor.	
4.5.1.4	A programme to promote the positive impacts should be included in the continual improvement plan.  - Minor compliance -	through Was Expenditure.	te & Pollutio	on Manageme as below in all	ent Plan a	ent was verified and 2020 Capita	Complied
		Waste Type Domestic	Source Line site	Action Plan Burning of must be premises. Broken must be re	of waste prohibited estate garbage	Twice or thrice depending on situation  Weekly inspection by HA	
		Liquid Waste – septic tank overflow		Where possil recycled	ble, to be		



			<del>,</del>			
		Spent Oil	Workshop	Collect and placed in Scheduled Waste Store.	Disposed to license DOE Contractors within 180 days from date of waste generated.	
		b. Emission Ma	anagement Pl	an	<u> </u>	
		Emission	Source	Action Plan	Frequency	
		Dark smoke	All running vehicles	Inspection of vehicle condition	Daily	
		Noise	Diesel engine	To provide sound level test	Daily	
			Harvesting with machine	To provide sound level test  To inspect, maintain all the machine and equipment used.	Daily	
				ng of each of the above e been monitored. The p		
4.5.1.5	An awareness and training programme shall be established and implemented to ensure that all employees understand the policy and objectives of the environmental management and improvement plans and are working towards achieving the			ogram is available in Tra ken as below: -	aining Plan updated	Complied



	objectives.	HCV & Buffer Zone Training dated 7/9/2020 by En. Nirrahim bin	
	- Major compliance -	Abdul Rahman, Selai Assistant Manager attended by 141 participants.	
		Sustainability Briefing dated 22/10/2020 by En. Nirrahim bin Abdul Rahman, Selai Assistant Manager attended by 140 participants.	
		Training on Handling Machine dated 5/07/2020 by En. Md Rizam Thikiran, Estate Assistant Manager attended by 8 participants.	
		Schedule Waste Training dated 9/02/2020 by En. Mohd Fadzrul Sazali, Tereh Selatan Estate Assistant Manager attended by 1 participant.	
4.5.1.6	Management shall organize regular meetings with employees where their concerns about environmental quality are discussed.  - Major compliance -	Environmental Performance Monitoring Committee (EPMC) being established in all Estates to discuss on environmental aspect and The Environmental Performance Monitoring Committee (EPMC) is setup to comply with the DOE requirement on Guidance Self-Regulation (GSR).	Complied
		Sighted, at Tereh Utara Estate the meeting being conducted on 25 <sup>th</sup> September 2020 attended by 15 participants. The meeting chaired by the Manager, En. Abu Bakar Mohamed.	
Criterion	4.5.2: Efficiency of energy use and use of renewable energy		
4.5.2.1	Consumption of non-renewable energy shall be optimized and closely monitored by establishing baseline values and trends shall be observed within an appropriate timeframe. There should be a plan to assess the usage of non-renewable energy including fossil fuel, electricity and energy efficiency in the	Monthly record on energy consumption for non-renewable sources were kept and documented. It is monitored to optimise use of renewable energy. Data is being compiled for comparison and control for future improvement. Following is the last 3 years data for diesel usage record at all sampled Estates: -	Complied
	operations over the base period.  - Major compliance -	Tereh Selatan Estate FFB Diesel Lt/FFB	



2017	232,599	60,020	3.88
2018	237,388	49,111	4.84
2019	260,352	51,125	5.09
2020	206,073	39,780	5.18
	Base	line value	4.60

High fuel consumption due to low cropping season.

	Selai Estat	е	
	FFB	Diesel	Lt/FFB
2017	35,570	130,320	3.66
2018	135,950	32,223	4.22
2019	149,330	34,332	4.35
2020	129,940	38,830	3.34
	Base	line value	4.08

High fuel consumption due to low cropping season.

	Tereh Utar	a Estate	
	FFB	Diesel	Lt/FFB
2017	77,137	230,812	2.99
2018	65,947	225,805	3.42
2019	65,328	232,938	3.57
2020	58,488	198,520	3.39
	Base	line value	3.33



		Н	ligh fuel consu	mption (	due to lov	w croppin	g season.				
4.5.2.2	The oil palm premises shall estimate the direct usage of non-renewable energy for their operations, including fossil fuel, and electricity to determine energy efficiency of their operations.	0	The projection control on annual basis or FY2020. The	based	on the fi	nancial ye					Complied
	This shall include fuel use by contractors, including all transport and machinery operations.				E	Budget 20	20				
	- Major compliance -				FFB		Diesel	Lt/	/FFB		
			Tereh Sel	atan	56,49	18 2	238,188	4	.22		
			Selai		38,64	6 1	49,694	4	.08		
			Tereh Ut	ara	69,39	9 1	30,502	1	.88		
4.5.2.3	The use of renewable energy should be applied where possible.  - Minor compliance -		Nonthly record vere kept and o							rces	Complied
			Estate	Bio -c	ompost (	Ha)	Bio -com	post (	MT)		
				Progra	ammed	Actual	Program	med	Actual		
			Tereh Selatan	8	319	819	5,73	3	5,736		
			Selai	8	313	397	5,692	2	2,779		
			Tereh Utara	6	513	613	4,29	0	4,290		
				•						_	
			Estate	ı	EFB ( Ha)	)	Е	FB ( M	IT)		



					Programi	med	Actual	Programmed	Actual		
			Tere Sela	eh atan	217	7	217	6,529	6,529		
			Tere Jtar		742	2	653	28,827	22,771		
Criterio	n 4.5.3: Waste management and disposal	<u> </u>									
4.5.3.1	All waste products and sources of pollution shall be identified and documented.							ucts and source as provided bel		on	Complied
	- Major compliance -			Type of v	waste	Descrip	tion	Location			
		_		Domestic		Rubbisl		Line site workshop, store,	s, office	÷,	
			2	Industria	al waste	Fertilize	er bags	Empty bags	store		
						Scrap r	netal	workshop			
						POME		ETP			
				Sewage		Sewage		housing toile	ts & office		
			1	Schedule	ed Waste	SW 404 waste	4 Clinical	clinic			
							ags, blastics, filter 0)	workshop s			
						Spent I	ubricant aulic oil	workshop			



4522	A waste management plan to avoid or reduce pollution shall be	Dot	ile of the	bags, conta chem pestic	minated with this samplicals, ides,	an only base on led.	Complied
4.5.3.2	A waste management plan to avoid or reduce pollution shall be developed and implemented. The waste management plan should include measures for:			managemen the 4.5.3.1 ab	t plan as described be pove.	elow. This is a	·
	a) Identifying and monitoring sources of waste and pollution		Source	Waste Produce	Action Plan	Responsibility	
	<ul> <li>Improving the efficiency of resource utilization and recycling of potential wastes as nutrients or converting them into value-added by-products</li> </ul>	1	Domestic Waste	Rubbish	Collection/disposal min 2-3 times/ week	Manager/Assi stant/staff/	
	- Major compliance -				internally	Hospital Asst	
		2	Nursery Polybags	Empty Polybags	Collect and disposed into the proper constructed landfill as per SQD Work Instructions.	Manager/Ass istant/staff/	
		3	Spraying activities	Empty Chemical/p esticide container	Collect and place in Schedule Waste Store. If reuse, paint with red circle or RACUN	Manager/Assi stant/staff/	
					If to recycle, triple rinse, puncture and place in empty chemical store.	Manager/Assis tant/staff/	

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#### MSPO Public Summary Report Revision 1 (Feb 2020)

	Disposed to licensed contractor with DOE.	

Sighted, all the Estate disposed their Schedule Waste to the licensed contractor within the Regulation timeframe. Furthermore, the appointed contractor namely Kualiti Alam Sdn Bhd will schedule and collect on the same week within the Tereh Complex. The details as follows: -

#### a. Selai Estate

sw		Date Generated	Date Disposed	Contractor
109	Used Fluorescent Lamp	3/6/2020	13/8/2020 0.036 Mt	
305	Waste Engine Oil	2/3/2020	13/8/2020 0.405 Mt	Kualiti Alam
409	Empty pesticide containers	1/3/2020	13/8/2020 0.00666 Mt	Sdn Bhd
410	Rags & Papers	1/3/2020	13/8/2020 0.0380 Mt	
404	Clinical Waste	30/4/2020	15/10/2020 0.00065 Mt	

#### b. Tereh Selatan

SW		Date Generated	Date Disposed	Contractor
109	Used Fluorescent Lamp	30/10/2019	4/2/2020 0.001 Mt	Kualiti Alam Sdn Bhd



305	Used Lubricant Oil	29/2/2020	11/8/2020 0.87 Mt		
307	Spent Mineral Oil Emulsion	30/6/2019	11/12/2019 0.024 Mt		
404	Clinical Waste	20/9/2020	12/10/2020 0.002 Mt		
408	Contaminated soil	13/12/2019	4/2/2020 0.02 Mt		
410	Contaminated Rag	17/6/2020	11/8/2020 0.018 Mt		
c. Tere	h Utara				
SW		Date Generated	Date Disposed	Contractor	
305	Lubricant oil	27/2/2020	12/8/2020 0.333 Mt		
307	Oil Water Emulsion	27/2/2020	12/8/2020 0.076 Mt		
409	Nalco	27/2/2020	12/8/2020 0.0576 Mt	Kualiti Alam Sdn Bhd	
409	Foxil	23/2/2020	12/8/2020 0.0380 Mt		
409	Storm	3/4/2020	12/8/2020 0.0545 Mt		
409	2t	3/5/2020	12/8/2020 0.0710 Mt		



4.5.3.3	The management shall establish Standard Operating Procedure for handling of used chemicals that are classified under Environment Quality Regulations (Scheduled Waste) 2005, Environmental Quality Act, 1974 to ensure proper and safe handling, storage and disposal.  - Major compliance -	The implication implication in the control of the c	The SOP on Scheduled Waste disposal is established and implemented.  The standard operation procedure for the estate's operations are available which is prepared on Group basis. There are levels of the documentation identified as follows;  a) Level 1 Integrated Management Manual b) Level 2 standard operating procedure/SPO OHS c) Level 3 work instruction d) Level 4 records.  Amendments are made should there be requirement to suit the local issues/situation					Complied
4.5.3.4	Empty pesticide containers shall be punctured and disposed in an environmentally and socially responsible way, such that there is no risk of contamination of water sources or to human health. The disposal instructions on manufacturer's labels should be adhered to. Reference should be made to the national programme on recycling of used HDPE pesticide containers.  - Major compliance -	Kulim (Malaysia) Berhad adopted the guidelines provided by the Agriculture Department on the empty chemical's containers management. All empty chemical containers in all estates were triple rinsed, and disposed through approved licensed contractor <i>G-Planter Sdn Bhd.</i> Sighted record of disposal in August 2020, Used Plastic Pesticides Container Recycling Collection Form (UPPCR) as follows by the estate: -					Complied	
		Tereh Selatan Selai						
		Chemical Quantity Quantity Container Sold (unit) Sold (kg)						
		1 20 liters 109 23.40						
		2	500 gm	154	49			



4.5.3.5	Domestic waste should be disposed as such to minimize the risk	Sche	edule Wa	Utara, th	gh Kual	liti Alam Sdn	container being disposed as Bhd.	Complied
	of contamination of the environment and watercourses.  - Minor compliance -	Sites sign  1  2  3	Sites were visited and concluded maintained clean and tidy with proper signage displayed. The location of follows: -  Estate Location  1 Tereh Selatan PO4 / Block 1  2 Selai P10/ Block 03					
Criterio	n 4.5.4: Reduction of pollution and emission							
4.5.4.1	An assessment of all polluting activities shall be conducted, including greenhouse gas emissions, scheduled wastes, solid wastes and effluent.	Poll		mission P			s defined in the Estate – 8/2020. The plan in all estates	Complied
	- Major compliance -	Da	nission rk noke	Source All ru Vehicles	unning	Frequency Daily	Responsibility Manager/ Assistant/ Staff	



		Air Pollutant Green House Gas	Office – prir of paper Operation diesel engin Use of Foss	required of As and required	when Man	ager/ Assistant/ man ager/ Assistant/		Complied
4.5.4.2	An action plan to reduce identified significant pollutants and emissions shall be established and implemented.	Details of accontinuation			lutants as sh	nown below and	is a	Complied
	- Major compliance —	Emission Dark Smoke	Source All running Vehicles	Action Inspection of the vehicle condition	Frequency Daily	Responsibility Manager/ Assistant/ Staff		
		Noise	Office – printing of paper	To provide sound level test	As and when required	Assistant/ CC		
		Air Pollutant	Operation of diesel engine	Routine maintenance to be carried out as scheduled.	As and when required	Manager/ Assistant/ Foreman		
		Green House Gas	Use of Fossil oil	Inspection of the vehicle condition	Daily	Manager/ Assistant/ Staff		
Criterior	4.5.5: Natural water resources							
4.5.5.1	The management shall establish a water management plan to maintain the quality and availability of natural water resources (surface and ground water). The water management plan may include:	the recent review made on 01/8/2020. The plan stated the source from					Complied	
	a. Assessment of water usage and sources of supply.	In summary	the details a	as tabulated be	elow;			



- b. Monitoring of outgoing water which may have negative impacts into the natural waterways at a frequency that reflects the estate's current activities.
- c. Ways to optimize water and nutrient usage to reduce wastage (e.g. having in place systems for re-use, night application, maintenance of equipment to reduce leakage, collection of rainwater, etc.)
- d. Protection of water courses and wetlands, including maintaining and restoring appropriate riparian buffer zones at or before planting or replanting, along all natural waterways within the estate.
- e. Where natural vegetation in riparian areas has been removed, a plan with a timetable for restoration shall be established and implemented.
- f. Where bore well is being use for water supply, the level of the ground water table should be measured at least annually.
- Major compliance -

	1	1		1
Source	Activity	Threat	Action Plan	
1 Reservoir/	Chemic	Pollution	Enforcement of buffer	
pond/	al 	Draugh	zone as non-spraying	
SAJ/Rain	mixing	t	activities.	
		Wastag		
		е		
	Gener	Pollutio	Follow WI & SOP to avoid	
	al Upkee	n	water pollution.	
	p	Draugh	Follow SW SOP to avoid pollution caused from SW.	
		t	•	
		Wastag		
		е		
	Line site	Pollutio	Every house is supplied	
		n	with containers.	
		Draugh	To schedule water supply to avoid wastage.	
		t	Awareness on water usage	
		Wastag	efficiency.	
		е	Outsource from neighboring estates.	



	Drain upkee p	Interrup ti on water flow at drainage system.	Periodic desilting  Building of sand bags at specific points to contain water (weirs)
		Water pollutio n	Prohibit workers from activities at water source

Kulim (Malaysia) Berhad has established Agricultural Manual first written in 1988. The Manual outlay the standard to be adhere by Management for instance to set aside a minimum of 5m riparian zone on each of the river bank and around the Water Catchment Ponds.

Guidelines of the width of the rivers and natural courses to be protected have been illustrated in the Agricultural Manual revised dated 19<sup>th</sup> November 2018.

Protection of water courses and wetlands, including maintaining and restoring appropriate riparian buffer zones has been verified at the estates where available. Riparian buffer zones have been identified and demarcated. Generally, no chemicals and fertilizer application observed been used in their maintenance. The buffer zones established are as following:

	River width	Buffer zone
1	>40 meters	50 meters
2	20 - 40 meters	40 meters
3	10 - 20 meters	20 meters
4	5 - 10 meters	10 meters



5	< 5 meters	5 meters

Water samples from the intake point are taken for phosphate and nitrate analysis for detection of fertilizer application effect to the water courses. Extracted record of the estates with details below;

a. At Tereh Selatan the test being conducted at Mahamurni Plantations Sdn Bhd, UTCL Laboratary dated 11/9/2020 for Inflow and Outflow water:-

No	Parameter	Unit	1	2	Limit
1	Nitrate Nitrogen	MgNO3- NL	2.29	4.40	7
2	Phosphate	MgPO4/L	<0.2	<0.2	0.2

b. At Selai Selatan the test being conducted at Mahamurni Plantations Sdn Bhd, UTCL Laboratary dated 16/10/2020 for Inflow and Outflow water:-

No	Parameter	Unit	1	2	Limit
1	Nitrate Nitrogen	MgNO3- NL	<0.04	0.17	7
2	Phosphate	MgPO4/L	0.57	0.39	0.2

At Tereh Utara Estate the test being conducted at Mahamurni Plantations Sdn Bhd, UTCL Laboratary dated 8/9/2020 for Inflow and Outflow water:-

No	Parameter	Unit	WI-	WI-	Limit
			0228	0229	
1	Nitrate Nitrogen	MgNO3- NL	0.16	0.19	7
2	Phosphate	MgPO4/L	2.05	2.04	0.2



Drinking water samples of Tereh Selatan Estate being own water treatment are taken twice a year. Sampled the following analysis at Decagon Lab & Analytical Testing Sdn Bhd dated 2/6/2020. All results conform to the specification.

	P/meter	unit	result	Regulatio	Results	Regulatio
			S	n raw		n
				water		drinking
						water
1	PH	-	5.6	5.5-	7.1	6.5-
				9.0		9.0
2	Turbidity	NTU	31.8	1000	4.3	5
3	Al	Mg/L	2.22	-	ND	0.2
		<u> </u>			(<0.2)	
4	Chorine	Mg	-	-	0.8	0.2 - 5
		CL/L				
5	Coliform	MPN	280	5000	ND	NIL
					(<10)	
6	E coli	MPN	20	5000	ND	NIL
					(<10)	

Drinking water samples of Selai Estate being own water treatment are taken twice a year. Sampled the following analysis at Decagon Lab & Analytical Testing Sdn Bhd dated 2/6/2020. All results conform to the specification.

P/meter	unit	result	Regulatio	Results	Regulatio
		S	n raw		n
			water		drinking
					water



1	PH	-	5.4	5.5-	7.0	6.5-
				9.0		9.0
2	Turbidity	NTU	3.3	1000	2.3	5
3	Al	Mg/L	ND (<0.2	-	ND (<0.2)	0.2
4	Chorine	Mg CL/L	-	-	0.8	0.2 - 5
5	Coliform	MPN	ND (<10)	5000	ND (<10)	NIL
6	E coli	MPN	50	5000	ND (<10)	NIL

Drinking water samples of Tereh Utara Estate being own water treatment are taken twice a year. Sampled the following analysis at Decagon Lab & Analytical Testing Sdn Bhd dated 2/6/2020. All results conform to the specification.

	P/meter	unit	result	Regulatio	Results	Regulatio
			S	n raw		n
				water		drinking
						water
1	PH	-	5.6	5.5-	7.3	6.5-
				9.0		9.0
2	Turbidity	NTU	81.4	1000	1.1	5
3	Al	Mg/L	ND	-	ND	0.2
		-	(<0.2		(<0.2)	
			)			
4	Chorine	Mg	-	-	0.7	0.2 - 5
		CL/L				

...making excellence a habit. Page 65 of 131



		5 6	Coliforn E coli	MPN MPN	120	5000 5000	ND (<10) ND (<10)	NIL NIL	
4.5.5.2	No construction of bunds, weirs and dams across main rivers or waterways passing through an estate.  - Minor compliance -	Duri	ng the fie	ld visit the	re was no	o constructio	on of such ob	served.	Complied
4.5.5.3	Water harvesting practices should be implemented (e.g. water from road-side drains can be directed and stored in conservation terraces and various natural receptacles).  - Minor compliance -	mai	n and c	ollection re	oads. So	me of the		ed along the drains were tter.	Complied
Criterio	n 4.5.6: Status of rare, threatened, or endangered species a	nd hig	gh biodiv	ersity valu	ıe				
4.5.6.1	<ul> <li>Information shall be collated that includes both the planted area itself and relevant wider landscape-level considerations (such as wildlife corridors). This information should cover:</li> <li>a) Identification of high biodiversity value habitats, such as rare and threatened ecosystems, that could be significantly affected by the grower(s) activities.</li> <li>b) Conservation status (e.g. The International Union on Conservation of Nature and Natural Resources (IUCN) status on legal protection, population status and habitat requirements of rare, threatened, or endangered species), that could be significantly affected by the grower(s) activities.</li> </ul>	exce stan is co asse	eption of sedard practices on tinued assertion as that as the base c) Sum	silvered lead tice where stall the estance of the silver in the silver i	of monkey there is restates es ing to the ept 7 2007 otential As red Leaf I ates. This are alrea	y in patches no other sigl specially at the Rapid Bio 7, identified, sian Elephar Monkeys are is currently ady been de	of pieces of nted RTE, and the boundary diversity Assi; nt. e still able to rare as lan eveloped intended	corded, with forest. As a simal sighting areas. The sessment by the besighted doutside of plantation wild boars,	Complied



	- Major compliance -	The management conducted a regular patrol of HCV areas, access and boundary of estates. Signage, such as "No Hunting", "No Fishing", "Buffer Zone" were available. No use of chemicals observed been applied in the buffer zone as prohibited.	Complied
4.5.6.2	If rare, threatened or endangered species, or high biodiversity value, are present, appropriate measures for management planning and operations should include:  a) Ensuring that any legal requirements relating to the protection of the species are met.	There is not RTE recorded. Evidence to continuously prevent and discourage illegal or hunting, fishing or collecting activities were maintained and implemented.  a) Signage as well as routine patrolling activities were utilized as part of creating awareness among employees and maintain HCVs.	Complied
	<ul> <li>b) Discouraging any illegal or inappropriate hunting, fishing or collecting activities; and developing responsible measures to resolve human-wildlife conflicts.</li> <li>- Major compliance -</li> </ul>	The estates established a Biodiversity Improvement Plan 2020 such as briefing/training to workers on protection of river buffers for all existing and designated natural watercourses to all employees, contractors and suppliers that	
4.5.6.3	A management plan to comply with Indicator 1 shall be established and effectively implemented, if required.  - Major compliance -	<ol> <li>The Biodiversity Improvement Plan 2020 being established at all Estates and subsequently implement it effectively. The Plan as follows:-</li> <li>To map area that fall into buffer zone base on Agriculture Manual.</li> <li>To put buffer zone peg on the ground.</li> <li>SPO Department to organize Bird Survey at the respective operating unit.</li> <li>To map the bare area, Guatemala planting, vertivar planting, Road maintenance and SPO Department on the area.</li> </ol>	Complied
Criterion	4.5.7: Zero burning practices		



4.5.7.1	Use of fire for waste disposal and for preparing land for oil palm cultivation or replanting shall be avoided except in specific situations, as identified in regional best practice.  - Major compliance -	The Group practices of "Zero open burning" is enforced since the National The operating units adhered to the policy of "Zero open burning" for any replanting. From field visits and interviews with the workers there is no open burning being practiced in the estates. Both estates had replanting program spanned over the forthcoming years.  Refer details in 4.6.2.2	Complied
4.5.7.2	A special approval from the relevant authorities shall be sought in areas where the previous crop is highly diseased and where there is a significant risk of disease spread or continuation into the next crop.	N/A. Details in 4.5.7.1 above	N/A
	- Major compliance -		
4.5.7.3	Where controlled burning is allowed, it shall be carried out as prescribed by the Environmental Quality (Declared Activities) (Open Burning) Order 2003 or other applicable laws.	N/A. Details in 4.5.7.1 above	N/A
	- Major compliance -		
4.5.7.4	Previous crops should be felled or mowed down, chipped and shredded, windrowed or pulverized or ploughed and mulched.  - Minor compliance -	This is included in the specification of work orders in event of land preparation during a replanting. It is a standard practice in Kulim Malaysia Berhad. However, there are variation of practices between inland and coastal estates. Trunk are felled and chipped without having to shred and windrowed in certain conditions. Adjustment of work requirement are finalised from the directive of the replanting unit and the Head/Regional Office.	Complied
4.6 Prine	ciple 6: Best Practices		



Criterio	n 4.6.1: Site Management		
4.6.1.1	Standard operating procedures shall be appropriately documented and consistently implemented and monitored.  - Major compliance -	In Kulim (Malaysia) Berhad SOPs for plantations/estates were documented in:  • Kulim (Malaysia) Berhad – Agricultural Manual – 01.07.2013  • Work Instructions – 01.04.2018  • Buku Panduan Anggota Perkerja Perladangan – 01.09.2018  • Panduan Kerja Selamat (SOP) 01.05.2009  The SOPs confirmed that all activities in the estates from seedlings in nursery to planting in the fields have been included. The Agricultural Manual had chapters A to K. The chapters covered topic as follows:  A. Replanting. B. Roads, Drains, Bridges, Culverts & Fences. C. Construction of Estate Buildings D. Manuring E. Harvesting F. Pruning and Ablation G. Soil Conservation H. Justification of Chemical Use I. Weeds Management J. Integrated Pest management K. Plant Disease	Complied
4.6.1.2	Where oil palm is grown within permitted levels on sloping land, appropriate soil conservation measures shall be implemented to prevent both soil erosion as well as siltation of drains and waterways. Measures shall be put in place to prevent contamination of surface and groundwater through runoff of either soil, nutrients or chemicals.	Guidelines and practices are available in the Agriculture Manual and SOP.  a) The estates construct terraces at slope area of more than 6 degree. Planting of cover crop are made to retain the soil structure and conservation.  b) Road side pit are made to divert water at slope areas	Complied



	- Major compliance -	to prevent road erosion and surface damage.  c) Terraces are constructed inclined towards the terrace wall. d) Slope of more than 25 degrees are avoided in the planting areas due to the Policy of the Company forecasting several issues during the crop recovery on maturity. This is also to comply along with the RSPO guidelines e) Variations if any are subject to approval from the Estate Department and Regional Office. f) The management practiced to established Vertiver and Guatemala Grass to prevent severe soil erosion.	
4.6.1.3	A visual identification or reference system shall be established for each field.  - Major compliance -	All fields are marked and identified. Information like year planting (field no) and the total hectare is shown in all markers. There are both stenciled at the palm trees and also displayed in signage at the boundary/corners of every field. This is observed during the field visit in the estate.	Complied
Criterior	1 4.6.2: Economic and financial viability plan		
4.6.2.1	A documented business or management plan shall be established to demonstrate attention to economic and financial viability through long-term management planning.  - Major compliance -	·	Complied
4.6.2.2	Where applicable, an annual replanting programme shall be established. Long term replanting programme should be established and review annually, where applicable every 3-5 years.  - Major compliance —	All the estates maintained record of replanting program until the year 2031. For purpose of auditing record the horizon is limited to 5 years.	Complied



4.6.2.3	The business or management plan may contain:  a) Attention to quality of planting materials and FFB	All the estates audited possessed a similar budget format. Inclusive is a 3-year budget/forecast financial plan allocating categories among others;	Complied
	b) Crop projection: site yield potential, age profile, FFB yield trends	a) Crop yielding area b) Mature cost	
	c) Cost of production : cost per tonne of FFB	c) General charges/upkeep/collection/depreciation d) Cost/ha & cost /mt FFB	
	d) Price forecast	e) CAPEX	
	e) e) Financial indicators : cost benefit, discounted cash flow, return on investment	Separately the cost of immature areas is also shown which among others comprises of the following items;	
	- Major compliance –	<ul> <li>a) Labour statement / Allocation of wages / Labour benefit</li> <li>b) Yield statement oil palm</li> <li>c) vehicle and running schedule / Job allocation for vehicles</li> <li>d) workshop running schedule</li> <li>e) Summary of general charges</li> <li>f) CAPEX.</li> </ul>	
4.6.2.4	The management plan shall be effectively implemented and the achievement of the goals and objectives shall be regularly monitored, periodically reviewed and documented.  - Major compliance -	The estates performance is recorded in the monthly progress report. Details on the actual vs budget i.e. crop production, fixed and direct cost are shown therein. The management also provides variance report on the performance and reviewed monthly. The supervisory personnel maintained a daily cost for the field operations. The Regional meeting involving the Managers sits monthly with the Regional Controller /Head Office Management for the performance review. The following mechanism is available and adopted as standard practices and procedures in the estates operations.	Complied
		<ul> <li>a) Plantation Inspectorate Visit program 2x /year</li> <li>b) Internal audit by Sustainability Unit 2x /year</li> <li>c) Task Force visits</li> <li>d) Monthly and weekly ad hoc meeting</li> <li>e) Daily /monthly production &amp; financial report</li> </ul>	



		f) Daily supervision by the field staff/Executives	
Criterio	n 4.6.3: Transparent and fair price dealing		
4.6.3.1	Pricing mechanisms for the products and other services shall be documented and effectively implemented.  - Major compliance —	The documentation of price mechanism for services received from contractors are contained in the respective contracts. Sighted during the audit was contract no. MPSB/LTS5/135/2019 between Mahamurni Plantations Sdn Bhd and Jeevendran Enterprise for harvesting of FFB using scissor lift at P08 at Ladang Tereh Selatan, Kluang, Johor. The contract is valid for 3 years until 30 <sup>th</sup> June 2022. Details rates are clearly indicated in the contract under appendix A & B of the contract.  Selai Estate	Complied
		The documentation of price mechanism for services received from contractors are contained in the respective contracts. Sighted during the audit was contract no. MPSB/LSPN 4/2018 between Mahamurni Plantations Sdn Bhd and Lee Kim Joo for Loading and Transporting of FFB from filed P12 (160.93 ha) and P13 (243.92 ha) to Tereh POM valid from 28th February 2019 to 28th February 2021. Refer to variation order, MPSB/SELAI 01/2016. Details rates are clearly indicated in the contract under appendix B and C for special condition of the contract.	
		Tereh Utara Estate  The documentation of price mechanism for services received from contractors are contained in the respective contracts. Sighted during the audit was contract no. MPSB/LTU 2/2017 between Mahamurni Plantations Sdn Bhd and Santrio Trading for Loading and Transporting of FFB from field P98, P00 and P01 to Tereh POM valid from 31st January 2019 to 31st December 2021. Refer to variation order, LTU/VO 6/2019. Details rates are clearly indicated in the contract under appendix B and C for special condition of the contract.	



	All contracts shall be fair, legal and transparent and agreed payments shall be made in timely manner.  - Major compliance -	Reviewed during the audit were contracts entered between the Estates and third parties. The contracts and PO are fair as they contain provisions relating to the Estates' and contractors' obligations, payment calculation, mutual termination clause, and mutually agreed between Kulim (M) Berhad and contractors. It was also stipulated that payment is to made within 30 days of issuance of invoice. Sighted during the audit was invoice from Lee Kim Joo (J00823) dated 30 <sup>th</sup> September 2020 and was paid on 6 <sup>th</sup> October 2020 (PV 20000488). There is evidence that payments are made in a timely manner.	Complied
		Selai Estate  Reviewed during the audit were contracts entered between the Estates and third parties. The contracts and PO are fair as they contain provisions relating to the Estates' and contractors' obligations, payment calculation, mutual termination clause, and mutually agreed between Kulim (M) Berhad and contractors. It was also stipulated that payment is to made within 30 days of issuance of invoice. Sighted during the audit was invoice from Lee Kim Joo (J00827) dated 30th September 2020 and was paid on 5th October 2020 (PV 20000414). There is evidence that payments are made in a timely manner.	
Criterion	4.6.4: Contractor		
	Where contractors are engaged, they shall understand the MSPO requirements and shall provide the required documentation and information.  - Major compliance -	Sighted during the audit was the inclusion of MSPO requirements into contracts. This insertion of this Policy is to ensure contractors are aware and comply with local, national laws such as payment of minimum wage, ratified international laws, and also with MSPO standards. This was also acknowledged by the contractors, and reiterated during the stakeholder meeting.	Complied
4.6.4.2			Complied



	- Major compliance -	MPSB/LTS5/135/2019 between Mahamurni Plantations Sdn Bhd and Jeevendran Enterprise for harvesting of FFB using scissor lift at P08 at Ladang Tereh Selatan, Kluang, Johor. The contracts contain provisions related to statutory obligations, EPF, SOCSO etc. Appendix A &B of contract states the payment calculation.	
		Selai Estate  Evidence of contracts with contractors were provided by the Estate management. Sighted during the audit was contract no. MPSB/LSPN 4/2018 between Mahamurni Plantations Sdn Bhd and Lee Kim Joo for Loading and Transporting of FFB from filed P12 (160.93 ha) and P13 (243.92 ha) to Tereh POM valid from 28th February 2019 to 28th February 2021. The contracts contain provisions related to statutory obligations, EPF, SOCSO etc. Appendix A &B of contract states the payment calculation. Details rates are clearly indicated in the contract under appendix B and C for special condition of the contract.	
4.6.4.3	The management shall accept MSPO approved auditors to verify assessments through a physical inspection if required.  - Minor compliance -	Stated under clause 6 of the contract where "all contract operation performs by any appointed contractors and sub-contractors in the certified mills or estates in subjected to any certification audit assessment through a physical inspection if required". Verified contract no. MPSB/LTS5/135/2019 between Mahamurni Plantations Sdn Bhd and Jeevendran Enterprise and acknowledged by both parties. The auditors have been able to have access to the contractors' workers, documentations such as contracts and workers' pay slips for verification during this audit.	Complied
4.6.4.4	The management shall be responsible for the observance of the control points applicable to the tasks performed by the contractor, by checking and signing the assessment of the contractor for each task and season contracted.	Each contractor will be observed and monitored for FFB transporter and the transporters are required to show the weighbridge ticket from the	Complied





- Major compliance -	assistant/manager using work completion certificate/checklist for approval.					
4.7 Principle 7: Development of new planting – Kulim (M) Berha	d group estates did not carry out any new plantings since January 2015. Therefore,					
Principle 7 is not applicable during this main assessment. The immature areas are replanted area.						



#### MS 2530-4:2013 Malaysian Sustainable Palm Oil (MSPO) Part 4: General principles for Palm Oil Mill

Criterio	Criterion / Indicator		Assessment Findings			Compliance	
4.1 Prin	.1 Principle 1: Management commitment & responsibility						
Criterio	n 4.1.1 – Malaysian Sustainable Palm Oil (MSPO) Policy						
4.1.1.1	Policy for the implementation of MSPO shall be established.  - Major compliance -	production signed 1/10/20. The pol	ed by Managing icy was written i ble at pertinent	Director, Mr M n bi-lingual (Eng location in the n	tainable palm oil ohd Faris dated lish and national nill compound. A 020 (Tereh POM)	Complied	
4.1.1.2	The policy shall also emphasize on the commitment to continual improvement with the objective of improving the milling operation.  - Major compliance -	The established policy has emphasized on the commitment to comply with all applicable legal requirements, contribute to local community development, and environmental consideration with the objective of improving the milling and estate operation.			Complied		
Criterio	n 4.1.2 – Internal Audit						
4.1.2.1	Internal audit shall be planned and conducted regularly to determine the strong and weak points and potential area for further improvement.  - Major compliance -	Internal audit was carried by SQD Department for all operating under Tereh Complex. Audit covered both documentation and field operation. Summary of audit findings at all audited estates as per the following:  Date of audit Finding Verification Estate/Mill			Complied		



Criterio	on / Indicator	Assessment Findings				Compliance
		4/10/20	1 NC raised (4.4.5.2)	The minor NC was closed on 31/10/20	Tereh POM	
4.1.2.2	The internal audit procedures and audit results shall be documented and evaluated, followed by the identification of strengths and root causes of nonconformities, in order to implement the necessary corrective action.  - Major compliance -	Management Stated 1/7/18 . sustainability stated and management procedure has requirement. Bate 1/2/2015 and	Kulim (M) Berhad has established procedure, Sustainable Management System, Internal Audit: SQD/SMS/5.0, issue: 1 dated 1/7/18. The procedure is designed for all applicable sustainability standards requirements such as ISCC, RSPO, MSPO and management guideline to be used as audit criteria. The procedure has incorporated the internal auditor competency requirement. Based on the procedure, internal audit is to be carried out at least once a year.			
4.1.2.3	Reports shall be made available to the management for their review.  - Major compliance -	Internal audit report prepared by SQD @ internal audit team and made available to the management for review.				Complied
Criterion 4.1.3 – Management Review						
4.1.3.1	The management shall periodically review the continuous suitability, adequacy and effectiveness of the requirements for effective implementation of MSPO and decide on any changes, improvement and modification.  - Major compliance -	meeting was ch department hea	naired by Senior d. All pertinent e effective imple	Mill Manager a lements in the st	on 16/10/20. The and attended by andard has been MSPO towards	Complied



Criterio	on / Indicator	Assessment Findings	Compliance				
Criterion 4.1.4 – Continual Improvement							
4.1.4.1	The action plan for continual improvement shall be based on a consideration of the main social and environmental impact and opportunities for the company.  - Major compliance -	Based on the Continual Improvement plan, the Mill has come up with the following action plans: -  Tereh POM  1. Sludge de-watering system 2. New thermal deaerator 3. New 710 sludge separator 4. New water catchment 5. New integrated biogas plant with 600 kW biogas engine 6. CPO washing system (to wash chlorine content in CPO)	Complied				
4.1.4.2	The company should establish a system to improve practices in line with new information and techniques; and for disseminating this information throughout the workforce.  - Major compliance -	Disseminating this information throughout the workforce was done on monthly basis during operation meeting. For example, the new sludge de-watering system for continuous @ online desludging to improve pond hydraulic retention time (HRT).	Complied				
4.2 Prin	ciple 2: Transparency						
Criterion	4.2.1 – Transparency of information and documents relevant to	MSPO requirements					
4.2.1.1	The management shall communicate adequate information to other stakeholder on environmental, social and legal issues relevant to sustainable practices in the relevant languages and forms.	Tereh Complex has organized an external stakeholder meeting on 26 <sup>th</sup> August 2020. During this meeting, it was communicated to the external stakeholders the following information which included:	Complied				
	- Major compliance -	a) Relevant information on environmental, social and legal issues.					



Criterio	n / Indicator	Assessment Findings	Compliance
		<ul> <li>b) Company's policy on MSPO implementation.</li> <li>c) MSPO certification requirements</li> <li>d) Legal compliance</li> <li>e) Concern raised by stakeholders.</li> </ul>	
4.2.1.2	The management documents shall be publicly available, except where this is prevented by commercial confidentiality or where disclosure of information would result in negative environmental or social outcomes.	The management documents that are publicly available include company's policies, SIA report, HCV report, public summary of certification documents, relevant laws and legal register and land titles.	Complied
	- Major compliance -		
Criterion	4.2.2 - Transparent method of communication and consultation	on	
4.2.2.1	Procedures shall be established for consultation and communication with the relevant stakeholders.  - Major compliance -	Kulim (M) Berhad has established a procedure under Sustainable Management System (SMS), Consultation and Communication Procedure, Doc. No. SQD/SMS/1.0, issue:1 rev.:0 dated 1 <sup>st</sup> August 2020	Complied
		The aim of this plan is to ensure an open and transparent communication methods with local communities and other stakeholders. Any request for information that publicly available shall be recorded in the Enquiry Register and acted upon within 7 working days. Any grievance shall be recorded in the enquiry register and responded as per SQD/SMS/4.1 – Grievance. Finding shall be communicated to the party concerned and records are kept.	
4.2.2.2	The management shall nominate management officials at the	The management officials nominated are as follows:	Complied



Criterion / Indicator		A	Assessment Findings			
	operating unit responsible for issues related to <i>indicator 1</i> .  - Minor compliance -	Estate/Mill	Person appointed	Letter of appointment		
		Tereh POM	Assistant Manager	1st February 2020		
		implementing the rec stakeholder engage management review compliance and tra requirements. Inter	juirements of MSPO c lement and con based on internal a ack update on cha views conducted w	sisting the Manager in ertification standards, sultations, conduct audit report, monitor anges in regulatory with the nominated anderstand their roles		
4.2.2.3	A list of stakeholders, records of all consultation and communication and records of action taken in response to input from stakeholders shall be properly maintained.  - Major compliance -	Each of the audited lists comprise their examples a) Relevant good Immigration Health, Labo b) Contractors c) Suppliers d) Consultants e) Neighbouring f) Clinics, hospi	Complied			
				perly maintained and ation during the past		



Criterio	on / Indicator	Assessment Findings	Compliance
		one year and records of action taken are also properly maintained.	
Criterio	n 4.2.3 – Traceability		
requirements for the traceability and shall establish a standard operation procedure for traceability.  - Major compliance -		The traceability SOP; Sustainable Management System, Traceability, Doc: No: SQD/SMS/1.2 rev:5 dated 1/8/20 available and outlines the preparations, dispatch and receive of FFB, CPO, PK and other by products at KULIM's estate and mill, job assignments and recordings of transport productivity for payment purpose and statistics.	Complied
4.2.3.2	The management shall conduct regular inspections on compliance with the established traceability system.  - Major compliance -	Inspection on compliance with the traceability procedure is regularly checked through supply chain internal audit. The internal audit report, which was carried out together with other schemes such as RSPO and ISCC, was available for verification. Product stock as at 8/11/20; Stock CPO: 623.52 mt Stock PK: 103.72 mt	Complied
4.2.3.3	The management shall identified and assign suitable employees to implement and maintain traceability system.  - Minor compliance -	Personal in charge for traceability system is head of operating unit, refer to letter from Head of Plantation ref: SQD/ADMIN/017/19 dated 22/9/19.	Complied
4.2.3.4	Records of storage, sales, delivery or transportation of crude palm oil and palm kernel shall be maintained.  - Major compliance -	As to date no certified CPO and PK sold to customer/buyer. For MSPO certificate detail, stamp will be used on each delivery ticket which carry the certified product. Delivery of MSPO certified CPO will be accompanied by CPO Delivery Notes and Weighbridge Ticket. Monthly summary of storage, sales, delivery or transportation of crude palm oil and palm kernel reported to MPOB via <a href="https://www.e-kilangmpob.com.my/ekilangmain/">http://www.e-kilangmpob.com.my/ekilangmain/</a>	Complied



Criterion / Indicator			Assessment Find	Compliance				
4.3 Princ	4.3 Principle 3: Compliance to legal requirements							
Criterior	Criterion 4.3.1 – Regulatory requirements							
4.3.1.1	All operations shall be in compliance with applicable local, state, national and ratified international laws and regulations.  - Major compliance -	all	e legal compliance lists of permits & li Estate and being monitored and urson in- charge of Legal Requirements	updated periodically by	Complied			
			Licence/Permit/Regulatory Requirement	Validity Period				
		1	MPOB License 50000-48604000	31/5/2021				
			Diesel – BPGK JH (KLU) 0730 SK	1/10/2021				
			Dept Of Environmental DOE – JP 4685	30/6/2021				
			SPAN - SPAN/EKS /(PT)/800- 4(1)/3/14	4/12/2023				
			JTK – Wages deduction 10101- 56569	N/A				
			Permit kerja lebih masa 104 jam – BHG.PU/9/134.JLD 22(14)	9/7/2021				



Criterion / Indicator		Assessment Findi	Compliance	
		Genset - Lesen bagi pepasangan persendirian -2019/02159	11/1/2021	
		BAKAJ – 07/A/KLG/115 , 08/A/KLG/040	31/12/2020	
		Weighbridge - B1696596 - 60Mt, B1696597- 80Mt	20/5/2021	
		Vertical sterilizer -JH PMT 23917	2/11/2020	
		Vertical sterilizer -JH PMT 23918	2/11/2020	
		Vertical sterilizer -JH PMT 24353	2/11/2020	
		Vertical sterilizer -JH PMT 24354	2/11/2020	
		Vertical sterilizer -JH PMT 21980	2/11/2020	
		Vertical sterilizer -JH PMT 21981	2/11/2020	
		Air Receiver JH PMT 20424	2/11/2020	
		Air Receiver JH PMT 20423	2/11/2020	
		Air Receiver PMT 34678	2/11/2020	



Criterio	Criterion / Indicator		Assessment Find	ings	Compliance
			Back Pressure Receiver JH PMT 26859	2/11/2020	
			Air Compressor PMT 114303	31/3/2021	
			Vickers Boiler No 5 JH PMD 404 (Boiler no 5)	31/3/2021	
			Boiler 3500 kilo pascal JH PMD80258 ( Boiler No 6)	31/3/2021	
4.3.1.2	The management shall list all relevant laws related to their operations in a legal requirements register.  - Major compliance -	Ku ap Th De Oc	Complied		



n used for tracking changes in laws/regulations is the following methods; elease through daily newspaper. change tracked by book publisher (MDC ublications).	Complied
the following methods; elease through daily newspaper. change tracked by book publisher (MDC	Complied
rs from relevant association (eg. MPOA, MPOB, et (e-federal gazette, awnet.com.my,www.e- warta.com.my) Berhad Legal Department from headquarters will e updates via email or Management meetings.	
er is responsible for the monitoring of compliance regulatory requirement needed for the mill anges if any will be channelled to the Manager for entation in the Mill.  ecutive - Regional Controller Tereh Complex, Cik Hamid will assist in the monitoring of the legal ob responsibilities among others include the y and assess compliance	Complied
tif	Job responsibilities among others include the tify and assess compliance itoring of compliance action plan are & report compliance status to RMC dept. Italian highest alert on both internal and external writies of consequences to KMB



Criterion / Indicator		Assessment Findings	Compliance	
4.3.2.1	The management shall ensure that their oil palm milling activities do not diminish the land use rights of other users.  - Major compliance -	Tereh POM is located inside Tereh Utara land title. Title # HS (D) 6766; District: Kluang; Mukim: Niyor; Lot # PTD 3326; Area: 1608.0588 ha. Owned by Kulim Plantations (Malaysia) Sdn Bhd. The land was granted to Kulim Plantations (Malaysia) S/B with the use condition of oil palm planting.	Complied	
4.3.2.2	The management shall provide documents showing legal ownership or lease, history of land tenure and the actual legal use of the land.  - Major compliance -	Details of Land Titles and summary of lease history are held in file "Grant Title" on the Sustainability Department Server. The land title # HS (D) 6766; District: Kluang; Mukim: Niyor; Lot # PTD 3326; Area: 1608.0588 ha. Owned by Kulim Plantations (Malaysia) Sdn. Bhd.	Complied	
4.3.2.3	Legal parameter boundary markers should be clearly demarcated and visibly maintained on the ground where practicable.  - Major compliance -	Not applicable as land issues is handled by the estate.	Complied	
4.3.2.4	Where there are, or haven been disputes, documented proof of legal acquisition of land and fair compensation that have been or are being made to previous owners and occupants; shall made available and that these should have been accepted with free prior informed consent (FPIC).  - Minor compliance -	Not applicable as land issues is handled by the estate.	Complied	
Criterio	n 4.3.3 – Customary rights			
4.3.3.1	Where lands are encumbered by customary rights, the company shall demonstrate that these rights are understood and are not being threatened or reduced.	There is no evidence that the land on which the Mill is situated is encumbered by customary rights. Therefore, this Indicator is not applicable.	Complied	



Criterio	on / Indicator	Assessment Findings	Compliance		
	- Major compliance -				
4.3.3.2	Maps of an appropriate scale showing extent of recognized customary rights shall be made available.  - Minor compliance -	extent of recognized There is no evidence that the land on which the Mill is situated is encumbered by customary rights. Therefore, this Indicator is not applicable.			
4.3.3.3	Negotiation and FPIC shall be recorded and copies of the relevant agreements should be made available.  - Major compliance -	There is no evidence that the land on which the Mill is situated is encumbered by customary rights. Therefore, this Indicator is not applicable.	Complied		
	ciple 4: Social responsibility, health, safety and employn n 4.4.1: Social Impact Assessment (SIA)	nent condition			
4.4.1.1	Social impacts should be identified and plans should be implemented to mitigate the negative impacts and promote the positive ones.  - Minor compliance -	Social Impact Assessment (SIA) was conducted on 15/9/2020 by Sustainability Team of Kulim (M) Berhad. Seen the interview checklists with the relevant stakeholders that been utilized during the assessment. The stakeholders that participated in the assessment were such as school's representative, internal workers, contractors and etc. The topics that discussed during the assessment are child labour issue, discrimination, complaints, policies and etc. Based on the assessment, 11 positive and 2 negative comments were identified. Recommended improvement measures detailed out in the Social Improvement Plan dated 4 <sup>th</sup> October 2020.	Complied		
	n 4.4.2: Complaints and grievances	measures detailed out in the Social Improvement Plan dated 4 <sup>th</sup>			



Criterio	on / Indicator	Assessment Findings	Compliance
4.4.2.1	A system for dealing with complaints and grievances shall be established and documented.  - Major compliance -	Grievance Procedure, Doc. No. SQD/SMS/4.1 issue:1 dated 1 <sup>st</sup> August 2020 has been established by Kulim (M) Berhad. This procedure is referred to when managing complaints and grievances raised by all parties including internal (employees) and external stakeholders (statutory bodies, local communities, smallholders and NGOs)	Complied
4.4.2.2	The system shall be able to resolve dispute in an effective, timely and appropriate manner, which is accepted by all parties.  - Major compliance -	Based on the procedure, the Company's dispute resolution mechanism is able to resolve disputes in an effective, timely and appropriate manner. Timeline for resolution as per the following:  Employee – matter to be settled within 10 working days.  Others – to obtain satisfaction within 7 working days.  The Company's whistle blowing Policy which approved by Kulim (M) Berhad's board of director dated 10 <sup>th</sup> September 2020 provides anonymity and assurance against retaliation and immunity to the whistle blower.	Complied
4.4.2.3	A complaint form should be made available at the premises, where employees and affected stakeholders can make complaints.  - Minor compliance -	The complaint form is made available together with the Enquiry Register Record in the suggestion box in front of office and compiled in Enquiry Register Book. The form is made for complaint, requisition or visit/inspection.	Complied
4.4.2.4	Employees and surrounding communities should be made aware of its existence and that complaints or suggestions may be made at any time.  - Minor compliance -	There is evidence that employees are made aware that complaints or suggestions can be made anytime during muster briefings. Formal complaints need to be recorded in the form created for tracking and updates.  For external stakeholders, this was made aware during the stakeholder meeting held on 26 <sup>th</sup> August 2020. All issues were discussed and recorded in the meeting minutes.	Complied



Criterio	on / Indicator	Assessment Findings	Compliance	
4.4.2.5	Complaints and solutions within the past 24 months shall be documented and be made available to affected stakeholders upon request.	All complaints and resolutions for the past 24 months were available upon request.	Complied	
	- Major compliance -			
Criterio	n 4.4.3: Commitment to contribute to local sustainable development	nent		
4.4.3.1	Palm oil miller should contribute to local development in consultation with the local communities. Where the mill is an integral part of plantation, such contribution to local community development may be regarded as a joint effort by the mill and the plantation.  - Minor compliance -	The management has made contribution to the local communities and workers such as donation to the school and activities upon request by the stakeholders. For Tereh complex, free electricity and water provided to workers. The company also provided job opportunity to the local communities.	Complied	
Criterion 4	4.4.4: Employees safety and health			
4.4.4.1	An occupational safety and health policy and plan which is in line with Occupational Safety and Health Act 1994 and Factories and Machinery Act 1967 (Act 139) shall be documented, effectively communicated and implemented.  - Major compliance -	The Group Occupational Safety & Health Management Policy had been established and implemented. The policy was signed by the Executive Director of Kulim (Malaysia) Berhad, Tuan Zulkifly bin Zakariah on 01 May 2018 and displayed prominently on notice boards in English and local language Bahasa Malaysia. The Policy is implemented through the OSH activities by the SQD Executives and monitored by SQ Department at Head Office. Included in the policy is the commitment of the Company to;  a) Comply or where practicable exceed applicable OSH legislation, regulations and codes of practices.	Complied	



Criterion / Indicator		Assessment Findings	Compliance
ł	The occupational safety and health plan should cover the following:  a) A safety and health policy, which is communicated and implemented.  b) The risk of all operations shall be assessed and documented.  c) An awareness and training programme which includes the following requirements for employees exposed to chemicals used at the palm oil mill:  i. All employees involved are adequately trained on safe working practices;  ii. All precautions attached to products should be properly observed and applied;  d) The management shall provide the appropriate PPE at the place of work to cover all potentially hazardous operations as identified in the risk assessment and control such as Hazard Identification, Risk Assessment and Risk Control (HIRARC).	b) Regularly review and audit the OSH management systems to ensure that they remain relevant and appropriate.  c) Effective communication of this policy to all employees and other affected parties d) Regularly and continuously conduct education, training and awareness program on OSH to all parties concerned. e) The implementation of OSH plan was monitored by internal audits conducted by OSH Executives from SQ Department.  The Group Occupational Safety & Health Management Policy had been established and implemented. The policy was signed by the Executive Director of Kulim (Malaysia) Berhad, Tuan Zulkifly bin Zakariah on 01 May 2018 and displayed prominently on notice boards in English and local language Bahasa Malaysia.  Risk assessment was conducted by ESH Committee and being reviewed yearly and if any accident occurred. HIRARC sighted for the followings work operation: -  a) Loading Ramp b) Vertical steriliser c) Threshing d) Press station e) Clarification f) Kernel plant station g) Empty Bunch Press Station h) Water Treatment Plant i) Boiler Station	Complied



Criterion / Indicator	Assessment Findings	Compliance
e) The management shall establish Standard Operating Procedure for handling of chemicals to ensure proper and safe handling and storage in accordance to Occupational Safety Health (Classification Packaging and Labeling) Regulation 1997 Occupational Safety Health (Use and Standard of Exposure of Chemical Hazardous to Health) Regulation 2000.  f) The management shall appoint responsible person(s) for workers' safety and health. The appointed person(s) of trust shall have knowledge and access to latest national regulations and collective agreements.  g) The management shall conduct regular two-way communication with their employees where issues that affect their business such as those related to employees' safety, health and welfare are discussed openly. Records from such meeting shall be kept ant the concerns of employees and any remedial actions taken shall be recorded.  h) Accident and emergency procedures shall exist and instructions shall be clearly understood by all employees.	j) Engine Room k) Laboratory l) Effluent Treatment m) Line site n) Storage of production oil o) Land fill p) Product Despatch q) Workshop r) Receiving and Issuing Diesel s) Emergency Response t) Biocompost u) Construction v) Biogas w) Covid 19  The Mill has a comprehensive OSH Annual Training Plan 2020 for the Staffs and Workers and this was sighted in the training records file for each staffs and workers. Training Plan includes: -	
i) Employees trained in First Aid shall be present at all mill operations. First Aid equipment should be available at each worksite.	Topic Month Status programme  1 Tractor & Shovel Safety 9/2020 1/10/2020	
j) Records shall be kept of all accidents and be reviewed periodically at quarterly intervals.	2 Chemical Handling 8/2020 11/9/2020 3 Lock Out Tag Out 1/2020 17/1/2020	
- Major compliance -	4 Fire Drill & Extinguisher 7/2020 1/9/2020	
	5 Schedule Waste 5/2020 21/8/2020	



Criterion / Indicator	Assessment Findings					
	6	First Aid	10/2020	8/10/2020		
	7	PPE Usage	9/2020	6/9/2020		
	8	Emergency Respond Plan & CPR	4/2020	1/9/2020		
	9	Eye Wash	5/2020	18/10/2020		
	oper indiv train his/h		Issuance and re I visit, sighted the workers wear th  Type of PP Imet, safety Shoe cotton gloves, e	eplacement ir workers have ne PPE requi	n their e been	
	2	cotto	Imet, safety Shoon on gloves, earpluger boat, safety go	g, respirator,		
	Prod Rev hand labo	management had cedure for handling of control No: 2, Date: 1st Janua dling and storage of any tratory, boiler and water RA report dated 27.03.2 an – JKKP HQ/03/ASS/00 essment covering 7 works	established St chemicals under ary 2013 to ensu y chemicals and treatment plant. 2018 reported by 00/154 from QMS	andard Ope Doc No: LTN Ire proper an solvent used Hajah Noorn	M/WI/9 Id safe in the	



Criterion / Indicator	Assessment Findings	Compliance
	1. Boiler	
	2. Diesel Handler	
	3. Fogging	
	4. Laboratory	
	5. Water Treatment	
	6. Workshop	
	Sighted the Manager's Response to Assessor Recommendation in Form F and action need to be taken on yearly basis in January.	
	Medical Surveillance have been conducted on 5 <sup>th</sup> August 2020 for 17 workers. They were tested on Physical examination, Glycosuria, Hematuria, BUSE, Renal Profile, Liver function test & S. Cholinesterase. The report prepared by Dr. Zainudin Muid, Poliklinik Intan. All the workers are fit for work.	
	Noise Risk Assessment being conducted by Dr. Syed Abdul Hamid bin Syed Hassan, JKKP HIE 127/5/3 -1 (No 169) dated 6 <sup>th</sup> February 2020. Base on the Assessment to conduct audiometry for Kernel Plant, Oil Room, Press Station, Boiler Room, Engine Room, and Sterilization Area. The matter yet to be conducted due to Pandemic outbreak.	
	OSH Committee Chart 2020 sighted. Seen, letter of appointment for committee members in the file. Mill Manager is the Chairman of OSH Committee and being appointed on 21st September 2020 by Mr. Juharudin Ahmad, Chairman Safety and Health. The	



Criterion / Indicator	Assessment Findings	Compliance
	committee meeting has been conducted on quarterly basis as follows: - a. 19th January 2020 b. 28th June 2020 c. 20th September 2020.  To discuss all issues regarding worker's safety and health. All issues raised and discussed during conducted meeting has been resolve and taken action by mill management with proper action and target date. No meeting in April due to Covid 19 Pandemic Outbreak.	
	Sighted the emergency procedure for the Mill Emergency response plan available in local language (Malay and English). The ERP has been explained to all workers and staffs during training which has been conducted.	
	Emergency response plan include the emergency contact number, and also have Guidelines on Accident, Emergency Procedures and Exit routes as well as assembly point in file and pasted on notice board.	
	First Aid Box being placed in 9 stations namely security guard, office, staff office, grading, laboratory, workshop, engine room, store and effluent.	
	1 <sup>st</sup> Aider for Mill is En. Muhammad Farhan bin Kamsani and En. Azrin Halim bin Mohd Ramdzan, who attended Course on	



Criterion / Indicator	Assessment Findings						Compliance
	organised certificate	Pertolongan Cemas Asas dan CPR dated 12 <sup>th</sup> March 2020 organised by Persatuan Bulan Sabit Merah Malaysia. The certificate valid until 11 <sup>th</sup> December 2022.  Seen, the Fire Extinguisher Location Map of Mill and the details as below:					
	No	Area	<u> </u>	No of Un	its		
	1	Mill Stat		42			
	2	Wor quai		18			
	3	Civil Build		4			
	4		galow	8			
	5	Staf quai		11			
	Total						
	The fire ex	tinguishe	r permit	will be expi	red in 2021		
	Records of all accidents are kept in both estates for a min of 10 years. Accident incidences are reviewed during safety meetings. Records in 2019 as extracted from the JKKP 8 submitted to DOSH on 9/1/20 as shown below;						
	No c	of Cases	LTI	Non LTI	Total		
		0	0	0	0		



Criterio	on / Indicator	Assessment Findings	Compliance
Criterio	1 4.4.5: Employment conditions		
regarding human rights in respect of industrial harmony. The policy shall be signed by the top management and communicated to the employees.		Sedenak POM and estates subscribe to Kulim (M) Berhad's sustainability policy which newly revised and approved by Kulim's Sustainability & initiatives Council Meeting on 29 <sup>th</sup> July 2020. Transition period for the (new MD) effective 1 <sup>st</sup> October 2020.  This Policy is documented and affirms the Company's	Complied
	- Major compliance -	commitment to protect and advance human rights, including prohibiting retaliation, intimidation, and harassment against Human Rights Defenders, whistle blowers, complainants and community spokespersons.	
4.4.5.2	The management shall not engage in or support discriminatory practices and shall provide equal opportunity and treatment regardless of race, colour, sex, religion, political opinion, nationality, social origin or any other distinguishing characteristics.	The implementation of this Policy was confirmed by workers interviewed, where they confirmed that no form of discrimination exists.	Complied
	- Major compliance -		
4.4.5.3	Management shall ensure that employees' pay and conditions meet legal or industry minimum standards as per Collective Agreements. The living wage should be sufficient to meet basic needs and provide some discretionary income based on minimum wage.	Workers' pay slips were sighted for the sampled month. Pay slips belong to the following workers were verified and it showed that all sampled workers receive minimum wages of RM1,200 and above, which is in compliance with the Minimum Wages	Complied
	- Major compliance -	(Amendment) Order 2020. The Malaysian workers' wages are deducted for statutory payments such as the EPF, SOCSO and EIS. Salary payment for employee ID; (651108, 950277, 9512030, 612359, 612329, 612270, 612342, 612295) were	



Criterio	n / Indicator	Assessment Findings	Compliance
		checked for January 2020 (low crop), May 2020 (normal) and June 2020 (peak crop).	
		For Tereh POM, salary deduction for sport and recreation club. Sighted during the audit was a written approval from the Labour Office ref. no: TK(NJ)U-23 effective from 31st March 2020. Consent for deduction from workers included in the contract of employment for employee ID 623217, 623067, 623222, 623045, 623017, 623040, 623226, 623124 available for verification.	
4.4.5.4	Management should ensure employees of contractors are paid based on legal or industry minimum standards according to the employment contract agreed between the contractor and his employee.	No contractor work permanently at POM except for ad-hoc work for equipment repair and engineering project.	Complied
	- Minor compliance -		
4.4.5.5	The management shall establish records that provide an accurate overview of all employees (including seasonal workers and subcontracted workers on the premises). The records should contain full names, gender, date of birth, date of entry, a job description, wage and the period of employment.	Sindora POM has established records of all employees including contractors' employees. The record contains details such as full name, gender, nationality, date of birth, date of employment, job description, wage and period of employment.	Complied
	- Major compliance -		
4.4.5.6	All employees shall be provided with fair contracts that have been signed by both employee and employer. A copy of employment contract shall be made available for each and every employee indicated in the employment records.	All employees (local and foreign) sign employment contracts which contents comply with Employment Act 1955. All contracts are signed by both the employer and the employee and are made available for all workers.	Complied
	- Major compliance -	The employment contracts of local workers state that the	



Criterio	on / Indicator	Assessment Findings	Compliance
		duration as until retirement age, in accordance with the Minimum Retirement Age Act 2012. For foreign workers, the duration is for 2 years. Among the other terms and conditions in the employment contract include overtime pay, rest day, working hours, rate for working on rest day, termination notice period, public holidays, paid annual leave, paid medical leave, etc. Based on review, the contracts are deemed fair.	
4.4.5.7	The management shall establish a time recording system that makes working hours and overtime transparent for both the employees and employers.  - Major compliance -	Sindora POM has established a time recording system which is transparent for both employees and employers. The daily pucch card was sighted for January 2020 (low crop) and June 2020 (peak crop). The time recording system contains worker's ID, work group (which shift), attendance report dates, date, day, time in, time out, total hours of work, overtime, total attendance, total hours overall, total overtime, total attendance, total absence, total workday. Workers interviewed confirmed that this is a transparent way of recording their working hours and overtime.	Complied
4.4.5.8	The working hours and breaks of the individual worker indicated in the time records shall comply with legal regulations and collective agreements. Overtime shall be mutually agreed upon and shall meet the legal requirements applicable.  - Major compliance -	The working hours and breaks of each individual employee is recorded in their respective employment contracts which clearly stipulate that working hours is 8 hours from 8 AM to 4 PM inclusive of 30 minutes of break time. Any overtime work is paid in accordance with the provisions of the Employment Act 1955. Overtime hours is permitted up to 130 hours per month and valid until 31/12/20. Refer to permit ref: BHG.PU/9/134 Jld.22 (14) dated 9 <sup>th</sup> July 2019.	Complied
4.4.5.9	Wages and overtime payment documented on the pay slips shall be in line with legal regulations and collective agreements.	Based on January (low crop) and June 2020 (peak crop) pay slips reviewed at Tereh POM, all workers receive wages and overtime	Complied

…making excellence a habit.<sup>™</sup>



Criterio	n / Indicator	Assessment Findings	Compliance
	- Major compliance -	pay in accordance with the Minimum Wages Order, which is RM1,e00 and above per month. Based on sample workers (employee ID 651108, 950277, 9512030, 612359, 612329, 612270, 612342, 612295), no workers have exceed the limit of 130 hours in the peak crop month of June 2020.	
4.4.5.10	Other forms of social benefits should be offered by the employer to employees, their families or community such as incentives for good work performance, bonus payment, support of professional development, medical care provisions and improvement of social surroundings.  - Minor compliance -	Workers of Tereh POM receive various social benefits and this include free housing with amenities such as football field, badminton/takraw fields, surau/mosque, free medical treatment for workers and their dependents as well as creche facilities. Water and electricity were subsidized for 30 gallon and 50kWh per person and stated in the employment contract. As for Tereh complex, water and electricity is provided for free to all workers.	Complied
4.4.5.11	In cases where on-site living quarters are provided, these quarters shall be habitable and have basic amenities and facilities.  - Major compliance -	Workers of Tereh POM are provided with on-site living quarters with basic amenities such as playground, badminton/takraw fields, sundry shop, community hall, places of worship. Each house has 3 rooms. Workers confirmed that any repair works that need to be done are being carried out promptly. Weekly line site inspection was carried out by EHA. Sighted inspection records for September and October 2020 and recorded in the checklist "Rekod Pemeriksaan Perumahan Pekerja".	Complied
4.4.5.12	The management shall establish a policy to prevent all forms of sexual harassment and violence at the workplace.  - Major compliance -	Sindora POM subscribe to the sexual harassment policy signed by Executive Director on 1/5/2018. Kulim (M) Berhad is committed to ensure by providing safe workplace with no abuse and no sexual harassment to direct and indirectly to all workers and stakeholders. The latest gender committee meeting was last carried out on 25 <sup>th</sup> October 2020 at Tereh POM.	Complied



Criterio	n / Indicator	Assessment Findings	Compliance
4.4.5.13	The management shall respect the right of all employees to form and join trade union and allow workers' own representative(s) to facilitate collective bargain in accordance with applicable laws and regulations. Employees shall be given freedom to join trade unions relevant to the industry or organize themselves for collective bargaining. Employees shall have the right to organize and negotiate their work conditions. Employees exercising this right should not be discriminated against or suffer repercussions.  - Major compliance -	The management respected the right of all employees to form and join trade union and allow workers' own representative(s) to facilitate collective bargain in accordance with applicable laws and regulations. This was mentioned in the Core Labour Standard Policy dated 01 May 2018 and signed by the Executive director. The workers have their freedom to join the NUPW. This was evident form NUPW membership subscription deductions made in the pay slips. During the interview with workers, there no evidence to show that the management had restricted its workers and staff from joining a trade union. Latest union meeting was carried out on 5/7/20 at Tereh POM. No unresolved issues reported in the meeting.	Complied
4.4.5.14	Children and young persons shall not be employed or exploited. The minimum age shall comply with local, state and national legislation.  - Major compliance -	No workers less than 16 years old will be recruited and less than 18 years old for hazardous work. Verified the document Employee Master List confirmed that all the workers employed were above 18 years old.	Complied
Criterior	4.4.6: Training and competency		
4.4.6.1	All employees and contractors shall be appropriately trained. A training programme shall include regular assessment of training needs and documentation, including records of training.  - Major compliance -	The Mill has a comprehensive annual training plan for its staff and workers and this was sighted in the training records file for each staffs and workers. Apart from OSH Training in 4.4.4.2, listed below the training related to Sustainable and Environmental: -  Program Actual 1 Polisi Kilanan 9/2020 8/9/2020 2 Polisi Insan 10/2020 1/11/2020 3 Polisi Sustainability 7/2020 23/8/2020 4 Polisi Etika – Anti 4/2020 8/10/2020	Complied



Criterio	n / Indicator	Assessment Findings Com	pliance
4.4.6.3	Training needs of individual employees shall be identified prior to the planning and implementation of the training programmes in order to provide the specific skill and competency required to all employees based on their job description.  - Major compliance -  A continuous training programme shall be planned and implemented to ensure that all employees are well trained in their job function and responsibility in accordance to the documented training procedure.  - Minor compliance -	under Doc No: LTS/SMS/3F2, Issue No: 1, Rev:0 dated 1 <sup>st</sup> August 2020.  Seen, all the training need / matrix of all the personnel in the files. Training Need Analysis of all workers are based on their competencies and job description.  All workers involved in the operations have been adequately trained in safe working practice. The Mill has a comprehensive	mplied
4.5 Princ	ciple 5: Environment, natural resources, biodiversity and	nd ecosystem services	
Criterior	4.5.1: Environmental Management Plan		
4.5.1.1	An environmental policy and management plan shall be in line with	Kulim (Malaysia) Berhad do established the Environmental Management Policy issued on Group level signed by the	



Criterion / Indicator	Assessment Findings	Compliance
the relevant country and state environmental laws shall be established, effectively communicated and implemented.  - Major compliance -	Executive Director, Tuan Zulkifly Zakariah dated in 1st May 2018. Kulim Malaysia Berhad is committed to the creation through team effort of a quality environment as key factor in the continuous success of business. Among others the organization shall;	Complied
	<ul> <li>j) Adhere to and comply with relevant environmental legislations of the country.</li> <li>k) Strive for continual improvement on our environmental performance.</li> <li>l) Undertake to communicate our Environmental Policy to all stakeholders and educate the employees to practice and uphold the business commitment on caring for the environment.</li> <li>m) Continue to explore and implement cost effective technology in environmental Policy and the achievement of environmental objectives and targets.</li> <li>n) Review, adopt and implement Good Management Practices currently established in the industry.</li> <li>o) Plan, assess and take judicious actions to alleviate any potential negative impacts on the environment and local community with respect to any new development.</li> <li>p) Adopt and implement the principles of Reduction, Reuse and recycle in all matters pertaining to the use of resources and to pollution elimination.</li> <li>q) Continue to enhance the knowledge and skill for employees by briefing, training and exposure to relevant new technology with respect to any new improvement or development of the industry.</li> <li>r) Monitor and report to the Board of Directors on the implementation of this Environmental Policy, and the</li> </ul>	



Criterion / Indicator	Assessment Findings	Compliance
4.5.1.2 The environmental management plan shall cover the following:  a) An environmental policy and objectives;  b) The aspects and impacts analysis of all operations  - Major compliance -	achievement of environmental objectives and targets.  Communications to the internal and external stakeholders were through training and briefing at muster grounds. The session conducted as sample follows: -  • Sustainability Policy training was conducted by Assistant Manager to all workers and staffs comprising 28 participants dated 23/8/2020 at Tereh POM  • MSPO Policy training was conducted by Assistant Manager to all workers and staffs comprising 29 participants dated 13/9/2020 at Tereh POM  • Environmental Policy Training was conducted by Assistant Manager to all workers and staffs comprising 28 participants dated 6/9/2020 at Tereh POM  Apart from Environmental Policy, Kulim (Malaysia) Berhad has established Sustainabilty Policy signed by the Managing Director, Tuan Mohd Faris bin Adli Shukery dated in 1st October 2020. The policy stated that Kulim is actively seeking continually improve environmental performance through:  • Pollution prevention by minimizing emissions to air, land and water. Optimal use of renewable resources, while minimizing the use of non -renewable resource.  • Provision of adequate resources for effective implementation of Sustainable Management Programs  • Ensuring integration of Sustainable programs with all other company policies	Complied



Criterion / Indicator	Assessment Findings	Compliance
	The Mill has conducted Environmental Aspect and Impact Assessment for all its' activities in year 2020. The environmental Assessment findings are recorded in document titled Environmental Risk Assessment.	
	Environmental Risk Assessment being reviewed on annual basis and last reviewed in September 2020. The Environmental Risk Assessment has covered 25 keys activities of the Mill such as: -	
	<ol> <li>Chemical mixing and storage</li> <li>CPO Storage</li> <li>FFB Receiving and Grading</li> <li>Generation Power</li> <li>Lab Operation</li> <li>Machine and Vehicle maintenance</li> <li>Office Work</li> <li>Oil Clarification</li> <li>Oil pressing</li> <li>POME Treatment</li> <li>EFB Press</li> <li>Storage of Schedule Waste</li> <li>Use of Vehicle</li> <li>Water Treatment</li> <li>Waste Handling</li> <li>Diesel Engine</li> <li>Storage of Hydrocarbon</li> <li>Composing Plant</li> <li>Composting Plant</li> <li>Composting Plant</li> <li>Engine Compost</li> </ol>	



Criterion / Indicator	Assessment Findings	Compliance
	24. New Pond Construction 25. Covid 19	
	The company has developed quantitative and qualitative risk assessment method in order to mitigate the negatives and promote the positives impact. The methodology involves 3 main categories: -	
	3. Aspect / Impact identification	
	<ul> <li>has identified columns for sub-activity Condition of assessment, aspect, impact,</li> </ul>	
	4. Risk Assessment	
	<ul> <li>Other than column for Existing control measures and legal compliance, the Risk Control rating will be defined from herein. The methods as follows: -</li> </ul>	
	Rating Severity for (L) from 1 to 25 consist of	
	4 severity impacts as follows: -	
	e. Environmental Concern f. Cost of Remedy g. Concern by Interested Parties h. Public Image and rating for Probability (S) from 1 to 5.	
	Subsequently, the Management need to	
	determine the Significant Aspect,	
	which the scoring base on severity. If Yes,	



Criterio	n / Indicator		As	ssessmen	t Finding	js		Compliance	
			the scoring is above 3 at (L) or L x S above						
			8.						
			A final risk score is determined by formula of L (select the highest risk number among the 4 components of severity) $\times$ S = Risk Rating.						
			Risk Control will be determining the Risk Conclusion which categorized into trivial, acceptable, significant and Intolerable. The environmental ratings are classified as low (1-3), medium (4-6), (8-16) and high (20-25).						
		3. Risk Control							
		- will define the Person in-charge, Action plan and							
		Timeline							
4.5.1.3	An environmental improvement plan to mitigate the negative impacts and to promote the positive ones, shall be developed, implemented and monitored.  - Major compliance -	Sighted, Environmental Risk Assessment for the year 2020 at Mill has been developed and the mitigation on the negative impacts and to promote the positive one being recorded under Waste & Pollution Management Plan. Sample taken at Tereh POM as						Complied	
	riajor compilance	follows on the ERA: -							
		Process/ Area	Sub - Activity	Aspect	Impact	Existing Control Measures			



Criterio	on / Indicator		As	sessmen	nt Finding	gs	Compliance
		Chemical Store	Chemical Storage	Spillage of chemical into drain	Water Pollution	Drain channel to PCD Construct Bund	
		Receive & Grading FFB	Receive & Grading FFB at Mill Ramp	Disposal of trash from loose fruits	Land Pollution	Dispose to landfill according to SOP for disposal of debris.	
		Boiler	Power Station - Boiler	Emission of dust / ashes particles released to the air	Air pollution	Existing of conveyor cover but not properly installed.	
4.5.1.4	A programme to promote the positive impacts should be included in the continual improvement plan.  - Minor compliance -	verified through W Expenditur	aste & Poll e. Sample managemer	ution Mana taken as be	agement P	on environme lan and 2020 Estates: -	Complied
		Waste Type	Source	Action P	lan	Frequency	



Criterion / Indicator		Compliance			
	Domestic	Line site	<ul> <li>Burning of waste must be prohibited within estate premises.</li> <li>Broken garbage must be repaired</li> </ul>	thrice depending on situation Weekly	
	Liquid Waste – septic tank overflow	Line site	Where possible, to be recycled		
	Spent Oil	Worksh op	Collect and placed in Scheduled Waste Store.	license	
	b. Emission	_	ent Plan	PIC	



Criterion / Indicator			Compliance		
	1	Dark smoke	Follow manual procedure to ensure compliance meets permissible limits	Execs/ Boilerman	
		N. ·	Vehicle inspection	Exec/ supervisors	
	2	Noise	Noise mapping data	supervisors	
	3	Dust particles	Routine maintenance Storage far	Exec/ supervisors Exec/	
	_	Air Dellistent	from	supervisors	
	4	Air Pollutant	maintenance	Exec/ supervisors	
			Inspection & Maintenance of vehicle.	Exec/ supervisors	
	5	POME	Supervise Management of effluent application.	Exec/ supervisors	
	6	Waste Water	Regular PCD inspection.Follow SW guidelines.	Exec/ supervisor	
			Conduct weekly linesite inspection. Appropriate action in event of spillages.	Exec/ Staffs/ EHA	



Criterio	on / Indicator	Assessment Findings	Compliance
4.5.1.5	An awareness and training programme shall be established and implemented to ensure that employees understand the policy, objectives and management plans and are working towards achieving objectives.  - Major compliance -	<ul> <li>An Environmental training program is available in Training Plan updated on a yearly basis. Sample taken as below: -</li> <li>Sustainability Policy training was conducted by Assistant Manager to all workers and staffs comprising 28 participants dated 23/8/2020 at Tereh POM</li> <li>MSPO Policy training was conducted by Assistant Manager to all workers and staffs comprising 29 participants dated 13/9/2020 at Tereh POM</li> <li>Environmental Training was conducted by Assistant Manager to all workers and staffs comprising 298participants dated 6/9/2020 at Tereh POM</li> </ul>	Complied
4.5.1.6	The management shall organize regular meetings with workers where concerns of workers about the environmental quality are discussed.  - Major compliance -	Environmental Performance Monitoring Committee (EPMC) being established in all Estates & Mill to discuss on environmental aspect and The Environmental Performance Monitoring Committee (EPMC) is setup to comply with the DOE requirement on Guidance Self-Regulation (GSR). The meeting last held in September 2020.	Complied
Criterio	<b>1 4.5.2:</b> Efficiency of energy use and use of renewable energy		
4.5.2.1	Consumption of non-renewable energy shall be optimized and closely monitored by establishing baseline values and trends shall be observed within appropriate timeframe. There should be a plan to assess the usage of non-renewable energy including fossil fuel, electricity in the operations over the base period	Monthly record on energy consumption for non-renewable sources were kept and documented. It is monitored to optimise use of renewable energy. Data is being compiled for comparison and control for future improvement. Following is the last 3 years data for diesel usage record at all sampled Estates: -	Complied
	- Major compliance -	FFB Diesel Lt/FFB	



Criterio	on / Indicator		Ass	sessment Fi	indings			Compliance			
		2017	333,648 329,966	213,873		0.64 0.70					
		2019	351,753	246,22		0.70					
		2020	271,427	165,570		0.61					
		High fuel	Baseline value 0.68  High fuel consumption due to less FFB Processed.								
4.5.2.2	The oil palm premises shall estimate the direct usage of non- renewable energy for their operations, including fossil fuel, and electricity to determine energy efficiency of their operations. This shall include fuel use by contractors, including all transport and	of their operations. This documented on annual basis based on the financial year with the latest available is for FY2020. The details as listed below:									
	machinery operations.			Budget 2							
	- Major compliance -	Torr	h POM	FFB	Diesel	Lt/FFB					
4522	The way of removed by angular be applied where passible			,	6,611	0.64		Committee			
4.5.2.3	The use of renewable energy should be applied where possible.  - Minor compliance -			ergy consump documented.				Complied			
		Tereh POM	FFB Processed (Mt)	Fiber Produced (Mt)	% Fibe	er to FFB					
		2018	329,965	46,567	14	l.11					



Criterio	on / Indicator		Asse	essment Fi	ndings		Compliance
		2019	351,753	48,965	13.92		
		2020	271,747	37,689	13.87		
		Tereh POM	FFB Processed (Mt)	Shell Produced (Mt)	% Shell to FFB		
		2018	329,965	23,845	7.23		
		2019	351,753	23,822	6.77		
		2020	271,747	18,392	6.77		
Criterio	1 4.5.3: Waste management and disposal						
4.5.3.1	All waste products and sources of pollution shall be identified and documented.  - Major compliance -	Waste & P level. Deta	ollution Manag	gement Plan	ed and document 2020 made on the m the mill activiti	e Regional	Complied
		Type 1 Dome waste	2		Location Linesites, office, workshop, Empty bags store		



Criterio	n / Indicator			£	Assessment F	indings	5		Compliance
			waste		Scrap metal	worksh	ор		
				F	POME	ETP			
		3	Sewage waste	9	Sewage	housing office	toilets &		
		4	Schedul Waste		W 404 Clinical vaste	clinic			
					SW rags, plastics, ilters (SW 410)	worksho	p		
				lı h	Spent ubricant & nydraulic oo S	worksho	p		
				[] c e C	containers, bags equipment Contaminated	SW store	Э,	-	
					vith chemicals, besticides,				
4.5.3.2	A waste management plan shall be developed and implemented, to avoid or reduce pollution. The waste management plan should include measure for:			e mana	gement plan a 1.5.3.1 above.	s describ	ed below. <sup>-</sup>	This is a	Complied
	a) Identifying and monitoring sources of waste and pollution.							_	
	b) Improving the efficiency and recycling potential of mill by- products by converting them into value-added products.		Source	Waste			Responsib ility		
	- Major compliance -						•	]	



Criterion / Indicator			Ass	essment Finding	JS	Compliance
	1	Domes tic Waste	Rubbish	Collection/dispos al min 2-3 times/ week internally	Manager/ Assistant/ staff/ Hospital Asst	
	2	PPE	Worn PPE used by workers	Collect and store in Scheduled Waste Store. Disposed to licensed contractor with DOE.	Manager /Assistan t/staff/	
	3	Scrap Iron	Used welding rods	Collect and place in secure area. Sufficient quantity, HQ to decide and tender for disposal.	Manager/ Assistant/ staff/	
			Broken metal equipm ents	Collect and place in secure area  To seek HQ approval for written off.	Manager/ Assistant/ staff/	



Criterio	n / Indicator		Asse	essment Find	ings		Compliance
		license Furthe Bhd wi	d, Tereh POM ded contractor rmore, the appoint schedule and coeh Complex. The definition of the complex of the definition of the complex of the definition o	meframe. Alam Sdn			
		SW					
		110	Electrical waste				
		410	Contaminated Rag	9/3/2020	11/8/2020		
		409	Empty pesticide containers	9/3/2020	11/8/2020		
		305	Waste Engine Oil	9/3/2020	11/8/2020		
		408	Contaminated soil	10/10/2020	6/2/2020		
		404	Clinical Waste	18/3/2020	18/3/2020		
4.5.3.3	The palm oil mill management shall establish Standard Operating Procedure for handling of used chemicals that are classified under Environmental Quality Regulations (Scheduled Waste) 2005, Environmental Quality Act, 1974 to ensure proper and safe handling, storage and disposal. Scheduled waste shall be disposed as per Environmental Quality Act 1974 (Scheduled Waste)	implen operat are lev	OP on Schedule nented. The stand ions are available rels of the docume Level 1 Integrated	e estate's	Complied		

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Page 115 of 131



Criterio	on / Indicator		Asses	ssment Fin	dings		Compliance		
	Regulations, 2005	b) Leve	2 standard op	perating proce	dure/SPO OHS				
	- Major compliance -	c) Level	3 work instru	ction					
		d) Leve	d) Level 4 records.						
			Amendments are made should there be requirement to suit the local issues/situation						
4.5.3.4	Domestic waste should be disposed as such to minimize the risk of		Domestic waste disposal for the Tereh Mill has been made simpler through the collection and disposal to the estate landfill						
	contamination of the environment and watercourse.				oosai to the estate ian • Tereh Selatan mana				
	- Minor compliance -		on and disposa						
Criterio	n 4.5.4: Reduction of pollution and emission								
4.5.4.1	An assessment of all polluting activities shall be conducted, including greenhouse gas emissions, particulate and soot emissions, scheduled wastes, solid wastes and effluent.	Pollution &	sment of all po Emission Plan tabulated belo	endorsed on	es is defined in the Mi 01/8/2020. The plan ir	ll – all	Complied		
	- Major compliance -	Emission	Source	Frequency	Responsibility				
		Dark Smoke	All running Vehicles	Daily	Manager/ Assistant/ Staff				
		Noise	Operation of Diesel Engine	As and when required	Manager/ Assistant/ CC				
		Dust /ashes particles	Shredded EFB Process	As and when required	Manager/ Assistant/ Foreman				
		Air Pollutant	Combustion for boiler	As and when required	Manager/ Assistant/ Staff				



Criterio	on / Indicator		A	ssessment	Findings	5		Compliance		
4.5.4.2	An action plan to reduce identified significant pollutants and emissions shall be established and implemented.	Details of is a conti	Complied							
	- Major compliance -	Emissi on Dark Smoke	All running Vehicles	Action Plan  Inspect the vehicle condition	Frequen cy Daily	Responsibil ity Manager/ Assistant/ Staff				
		Noise	Operation of Diesel Engine	Boundary parameter noise mapping data keeping	As and when required	Manager/ Assistant/ CC				
		Dust /ashes particle s	Shredded EFB Process	Routine maintenan ce	As and when required	Manager/ Assistant/ Foreman				
		Air Polluta nt	Combusti on for boiler	Conducting stack monitoring	As and when required	Manager/ Assistant/ Staff				
4.5.4.3	Palm oil mill effluent (POME) shall be treated to ensure compliance with standards as stipulated in the relevant Environmental Quality (Prescribed Premises) (Crude Palm Oil) Regulations 1977. POME discharge limits and method should be in accordance with the respective state and national policies and regulations.	Pematuha from 1 <sup>st</sup> J The POM	The Effluent Treatment Plant was made in accordance to Jadual Pematuhan, AS(B)J31/152/000/045 Jld 7(09). The license valid from 1 <sup>st</sup> July 2020 until 30 <sup>th</sup> June 2021.  The POME is treated with open anaerobic pond and based on the							
	- Major compliance -	license, n and comp	•	discharge me	thod is thro	ugh land appl	lication			



Criterio	n / Indicator	Asse	ssment Find	ings		Compliance
		The DOE license stated Anaerobic Pond C shall be in 2019.			_	
		The mill has conducted which monitored on mon Laboratory. Refer to the dated 15/09/2020,Report effluent parameters 2020				
		Parameter				
		BOD @ 30°C				
		COD	mg/L	3451		
		Ammoniacal Nitrogen	mg/L	327		
		Total Nitrogen	mg/L	390		
		Suspended Solids	mg/L	1416		
		Total Solids	mg/L	11,496		
		ph Value at 25°C		8.1		
		Volatile Fatty Acid	mg/L	7		
		Alkalinity	mgCaCO3/L	2,000		
		The results from fina parameter limit				
Criterion	1 4.5.5: Natural water resources					
4.5.5.1	The management shall establish water management plans to maintain the quality and availability of natural water resources	The Water Management the recent review made listed herein:-				Complied



Criterion / Indicator				Assessm	nent Findir	ngs	Compliance
<ul> <li>(surface and ground water). The water management plan may include:</li> <li>a) Assessment of water usage and sources.</li> <li>b) Monitoring of outgoing water which may have negative impacts into the natural waterways at a frequency that reflects the mill's current activities.</li> <li>c) Ways to optimize water and nutrient usage and reduce wastage (e.g. having in place systems for re-use, night application, maintenance of equipment to reduce leakage, collection of rainwater, etc.).</li> </ul>		1	Source Reservoir/ pond/ SAJ/Rai n	Activity Cleaning process - wash vehicles, housekee ping	Threat Draught	Action Plan To schedule water supply from overuse. Outsource from neighboring Estate.	
- Major compliance -				General Upkeep	Pollution Draught Wastage	Follow WI & SOP to avoid water pollution. Follow SW SOP to avoid pollution caused from SW.	
	-			Line site - Household activity	Pollution Draught Wastage	Every house is supplied with containers. To schedule water supply to	



Criterion / Indicator			Assess	ment Findi	ngs		Compliance
	trea at dat	atment are ta Mahamurni I	aken twice a Plantations 0, Report N	a year. Sample Sdn Bhd, UT	avoid wastage. Awareness on water usage efficiency.  Outsource from Neighboring Estate  Estate being own ed the following act Laboratory S 9/5. All results of	analysis dn Bhd	
		P/meter	unit	Results	Regulation drinking water		
	1	PH	-	8.5	6.5-9.0		
	2		NTU	37.49	5		
	3		Mg/L	1.70	0.2		
	4		Mg CL/L	66	250		
	5	Coliform	MPN	ND	NIL		
	6	E coli	MPN	ND	NIL		

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Page 120 of 131



Criterion / Indicator		Assessment Findings	Compliance
4.5.5.2	Where open discharge of POME into water course is practiced, mills should undertake to gradually phase it out in accordance to the applicable state or national regulations.  - Major compliance -	Details of effluent treatment and report as per item 4.5.4.3 above.  Based on the effluent final discharge analysis, all the parameters have been complied with. Analysis was conducted monthly and submitted to the authority on quarterly basis. The following parameters (BOD, TSS, Ammonical Nitrogen, Total Nitrogen, Oil & Grease, pH, COD, Total Suspended Solids) are checked by UTCL Laboratory	Complied
4.6 Prin	ciple 6: Best Practices		
Criterio	n 4.6.1: Mill Management		
4.6.1.1	Standard operating procedures shall be appropriately documented and consistently implemented and monitored.  - Major compliance -	The Mill operations are guided with the following documents	Complied



Criterion / Indicator		Assessment Findings	Compliance
4.6.1.2	All palm oil mills shall implement best practices.  - Major compliance -	- WI: Emergency Response Procedure, - WI: Maintenance and servicing of oil trap, WI: Confined Space Management, - WI: Workshop/Working at Height/Oxy-Acetylene  The following mechanism is available and adopted as standard practices and procedures in the mill operations among others.  a) Mill inspectorate Visit program 2x /year b) Internal audit by Sustainability Unit 2x /year c) Task Force visits d) Monthly and weekly ad hoc meeting e) Daily /monthly production & financial report f) Daily and monthly lab analysis report g) Daily supervision by the mill supervisors/Executives	Complied
Criterio	n 4.6.2: Economic and financial viability plan		
4.6.2.1	A documented business or management plan shall be established to demonstrate attention to economic and financial viability through long-term management planning.  - Major compliance -	The annual business plan is available as per the Group Financial Procedure. & Guidelines. Both estates and the mill had a similar format i.e. in the form of annual budget with a 3-year projection. This business plan is prepared as guidance for future planning	Complied
Criterio	n 4.6.3: Transparent and fair price dealing		
4.6.3.1	Pricing mechanisms for the products and other services shall be documented and effectively implemented.  - Major compliance -	The documentation of price mechanism for services received from contractors are contained in the respective contracts. Sighted during the audit were:	Complied



Criterion / Indicator		Assessment Findings	Compliance		
		g) Crude Palm Oil Transport Agreement dated 15 <sup>th</sup> June 2020 between Mahamurni Plantations Sdn Bhd and Yewtan Enterprise Sdn Bhd valid from 1 <sup>st</sup> June 2020 until 31 <sup>st</sup> May 2023) for transportation services. The pricing mechanism and the rates for transportation of crude palm oil are detailed out in the contract under schedule 1.			
4.6.3.2	All contracts shall be fair, legal and transparent and agreed payments shall be made in timely manner.  - Major compliance -	Contracts entered into between Tereh Palm Oil Mill under Mahamurni Plantations Sdn Bhd and third parties are fair as it contains provisions relating to Mill's and contractors' obligations, payment calculation, mutual termination clause, and mutually agreed between Kulim (M) Berhad and contractors.	Complied		
		Payment record for Yewtan Enterprise Sdn Bhd was sighted and in accordance with payment term in the contract under para 5.3 "payment fees shall be made within thirty (30) days from the date of certification of the submitted invoice"			
		Date of invoice, 30 <sup>th</sup> September 2020; ref.no.: YT 2009-00008, payment voucher no. PV20000741 dated 20/10/20.			
Criterion	Criterion 4.6.4: Contractor				
4.6.4.1	In case of the engagement of contractors, they shall be made to understand the MSPO requirements and shall provide the required documentation and information.  - Major compliance -	Sighted during the audit was the inclusion of MSPO requirements into contracts. This insertion of this Policy is to ensure contractors are aware and comply with local, national laws such as payment of minimum wage, ratified international laws, and also with MSPO standards. This was also acknowledged by the contractors, and reiterated during the stakeholder meeting.	Complied		



Criterion / Indicator		Assessment Findings	Compliance
4.6.4.2	The management shall provide evidence of agreed contracts with the contractor.  - Major compliance -	Agreed contracts with the contractors sampled:  h) Crude Palm Oil Transport Agreement dated 15 <sup>th</sup> June 2020 between Mahamurni Plantations Sdn Bhd and Yewtan Enterprise Sdn Bhd valid from 1 <sup>st</sup> June 2020 until 31 <sup>st</sup> May 2023) for transportation services. The pricing mechanism and the rates for transportation of crude palm oil are detailed out in the contract under schedule 1.	Complied
4.6.4.3	The management shall accept MSPO approved auditors to verify the assessments through a physical inspection, if required.  - Minor compliance -	The auditors have been able to have access to the contractors' workers, documentations such as contracts and workers' pay slips for verification during this audit.	Complied



### **Appendix B: List of Stakeholders Contacted**

Government Officer:	Community/neighbouring village:		
Nil	Selai Cattle		
	SK Ladang Tereh		
Suppliers/Contractors/Vendor	Worker's Representative/Gender Committee:		
G-planters	Estate and mill social representative		
SA Engineering	Estate and mill workers/stakeholder representative		
	EHA		
	Mill workers		
	Estate/field workers		
	Gender representative		



### **Appendix C: Smallholder Member Details**

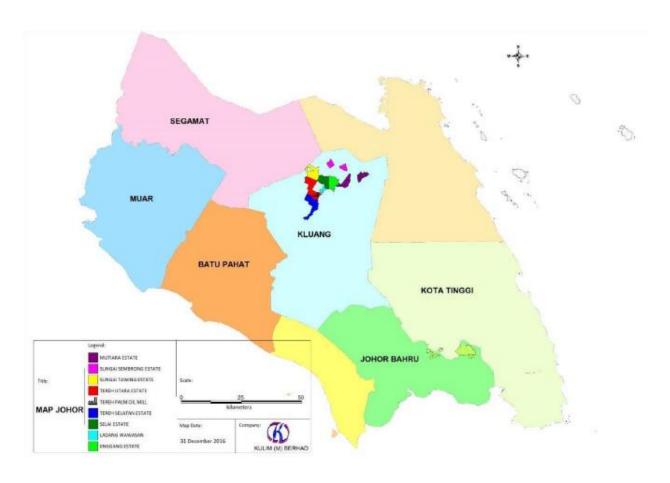
(Not applicable)

No.	Smallholder		Location of	GDS	Certified	Planted
	Name	MPOB License Number	Planted Area (District)	GPS Coordinates	Area (ha)	Area (ha)
	N/A					



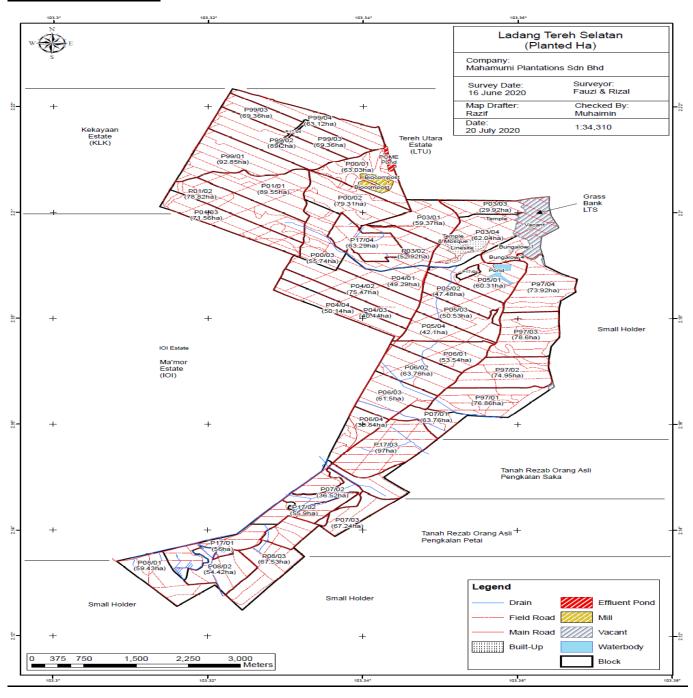
### **Appendix D: Location and Field Map**

### **Tereh POM and Tereh Group Estate location**



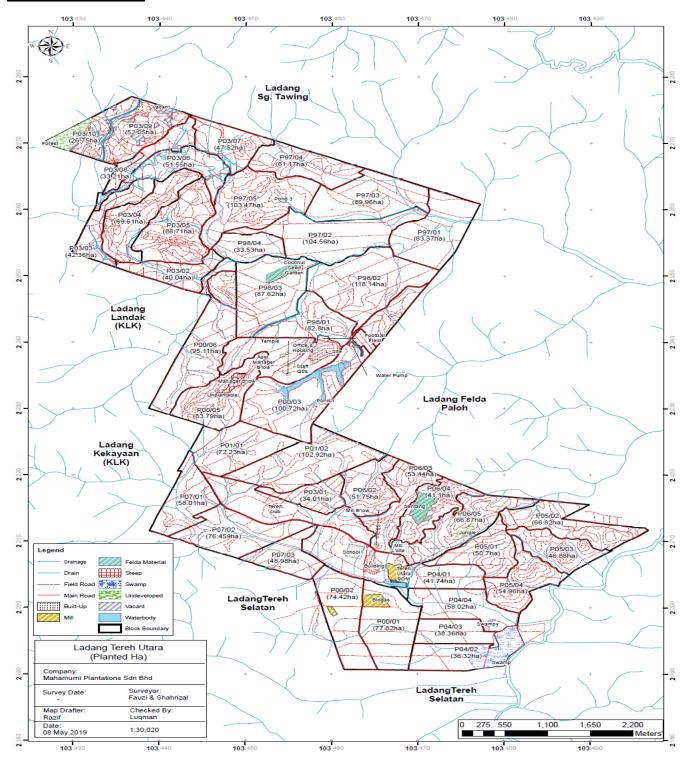


### **Tereh Selatan Estate**



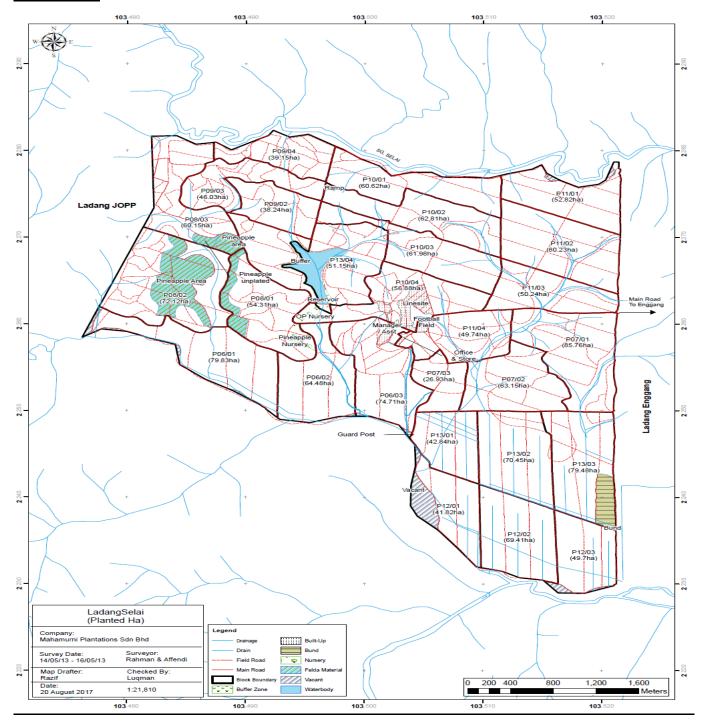


#### **Tereh Utara Estate**





### **Selai Estate**





### **Appendix E: List of Abbreviations**

BOD Biochemical Oxygen Demand

CB Certification Bodies

CHRA Chemical Health Risk Assessment COD Chemical Oxygen Demand

CPO Crude Palm Oil EFB Empty Fruit Bunch

EHS Environmental, Health and Safety
EIA Environmental Impact Assessment
EMS Environmental Management System

FFB Fresh Fruit Bunch

FPIC Free, Prior, Informed and Consent

GAP Good Agricultural Practice

GHG Greenhouse Gas

GMP Good Manufacturing Practice
GPS Global Positioning System
HCV High Conservation Value
IPM Integrated Pest Management

ISCC International Sustainable Carbon Certification

LD50 Lethal Dose for 50 sample
MSPO Malaysian Sustainable Palm Oil
MSDS Material Safety Data Sheet

MT Metric Tonnes
OER Oil Extraction Rate

OSH Occupational Safety and Health

PK Palm Kernel
PKO Palm Kernel Oil
POM Palm Oil Mill

POME Palm Oil Mill Effluent

PPE Personal Protective Equipment

RTE Rare, Threatened or Endangered species
SEIA Social & Environmental Impact Assessment

SIA Social Impact Assessment SOP Standard Operating Procedure