

RSPO PRINCIPLE AND CRITERIA PUBLIC SUMMARY REPORT

□ Initial Assessment

☐ Recertification Assessment (Choose an item.)

⋈ Extension of Scope

Client Company Name / Parent Company: Pertubuhan Tani Niaga Lestari Negeri Johor (PERTANIAGA)

Client company Address:

Kanzu Knowledge Consultant, Left Wing, Susur Syed Alwi 4 Research Management Centre, Universiti Tun Hussein Onn Malaysia, 86400, Parit Raja, Batu Pahat, Johor, Malaysia

Certification Unit:

Pertubuhan Tani Niaga Lestari Negeri Johor (PERTANIAGA)

Location of Certification Unit:

Kanzu Knowledge Consultant, Left Wing, Susur Syed Alwi 4 Research Management Centre, Universiti Tun Hussein Onn Malaysia, 86400, Parit Raja, Batu Pahat, Johor, Malaysia

Date of Final Report: 14/11/2022



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Section 1: Scope of the Assessment

1. Company Details						
Parent Company	Pertubuhan Tani Niaga Lestari Negeri Johor (PERTANIAGA)					
RSPO Membership Number	1-0308-20-000-00	1-0308-20-000-00 Membership Approval Date 10/12/2020				
Address	Kanzu Knowledge Consultant, Left Wing, Susur Syed Alwi 4, Research Management Centre, Universiti Tun Hussein Onn Malaysia, 86400, Parit Raja, Batu Pahat, Johor, Malaysia.					
Palm Oil Mill / Group Manager / Estate (Certification Unit)	Pertubuhan Tani Niaga Lestari Negeri Johor (PERTANIAGA)					
Location / Address	Kanzu Knowledge Consultant, Left Wing, Susur Syed Alwi 4, Research Management Centre, Universiti Tun Hussein Onn Malaysia, 86400, Parit Raja, Batu Pahat, Johor, Malaysia.					
Website	N/A					
Management Representative	Mohd Faridz Bin Harith	E-mail	fhpertaniaga@gm	ail.com		
Telephone	019-7636605	Facsimile	N/A			

2. Certification Informat	ion				
Certificate Number	RSPO 745410	Certificat	te Start Date	21/08/2021	
Date of First Certification	21/08/2021	Certificat	te Expiry Date	20/08/2026	
Scope of Certification	Production of Fresh Fruit Bun	ch of Indep	endent Smallholder G	Group	
Visit Objectives	Determination of the conformity of the client's management system, or parts of it, with audit criteria and evaluation of the ability of the management system to ensure the client organization meets applicable statutory, regulatory and contractual requirements.				
Assessment Cycle	 □ Pre Assessment (Choose an item.) □ Initial Assessment ⋈ Annual Surveillance Assessment (ASA 1) □ Recertification Assessment (Choose an item.) ⋈ Scope Extension 				
Applicable Standards / Normative Reference	RSPO Certification System for P&C and RSPO ISH 2020 RSPO Independent Smallholders Standard 2019 Choose an item. National Interpretation Choose an item. for RSPO P&C 2018 for the Production of Sustainable Palm Oil				
Supply Chain Module	⊠ Identity Preserved; □ Mas	s Balance	Mill Capacity	N/A	
ISH certification Phase	☐ Eligibility ☐ Milestone A	☐ Eligibility ☐ Milestone A ☒ Milestone B ☐ Not Applicable			



3. Other Certifications			
Certificate Number	Standard(s)	Certificate Issued by	Expiry Date
N/A	N/A	N/A	N/A

4. Location(s) of Mill & Su	ipply Bases		
Name (Mill / Supply Base / Group	Location	GPS Coo	rdinates
Manager / Smallholders)		Latitude	Longitude
Pertubuhan Tani Niaga Lestari Negeri Johor (PERTANIAGA) - 306 members	Kanzu Knowledge Consultant, Left Wing, Susur Syed Alwi 4, Research Management Centre, Universiti Tun Hussein Onn Malaysia, 86400, Parit Raja, Batu Pahat, Johor	1°51′40.31"N	103°05′23.91"E

5. Description of Supply Base					
New Planting Development	⋈ No (no change in to)	ea) 🗆 Yes (pleas	☐ Yes (please refer to Principle 7 for details)		
Estate / Smallholders	Total Planted (Mature + Immature) (ha)	HCV (ha)	Infrastructure & Other (ha)	Total Area (ha)	% of Planted
Pertubuhan Tani Niaga Lestari Negeri Johor (PERTANIAGA) - Existing Members (107 members)	151.36	0.00	4.27	155.63	97.26
Pertubuhan Tani Niaga Lestari Negeri Johor (PERTANIAGA) – New Members (199 members)	212.53	0.00	30.76	243.29*	87.36
Total	363.89	0.00	35.03	398.92	91.22

Note:

Existing Members (107 members) - 4.27 hectare for infrastructure and others was not declared during last assessment

- * The certified hectarage data was as per approved LUCA report as follows:
 - Total area of management unit (ha): 251.05 ha
 - Total smallholding areas analyse: 237.11 ha (the balance of 13.94 ha is area for infrastructure, unused and other crops)
 - Total area of raw liability (ha): 54.94 ha
 - Total area of conservation liability (ha): 0.00 ha
 - Environmental remediation: 37.7517 ha



0 - 3	Age (Ye	ars) - ha 15 - 25	>25	Mature	Immature
0 - 3	4 - 14	15 - 25	>25		
0.00	64.10	81.47	5.79	151.36	0.00
1.72	106.42	79.29	25.10	210.81	1.72
1.72	170.52	160.76	30.89	362.17	1.72
	1.72	1.72 106.42 1.72 170.52	1.72 106.42 79.29 1.72 170.52 160.76	1.72 106.42 79.29 25.10 1.72 170.52 160.76 30.89	1.72 106.42 79.29 25.10 210.81

Note: **Only Mature area is considered as production area

7. Summary of Certified Tonnage of FFB (Own Certified Scope)						
Estate / Smallholders	Tonnage (MT) / year					
	Estimated last year (Aug 21 – Jul 22)		tual – May 2022)	Forecast (Aug 22 – Jul 23)		
		Previous license period (N/A)	Current license period (Aug 2021 – May 2022)			
Pertubuhan Tani Niaga Lestari Negeri Johor (PERTANIAGA) – Existing Members (107 members)	2,448.86	0.00	1,528.64	2,236.66		
Pertubuhan Tani Niaga Lestari Negeri Johor (PERTANIAGA) – New Members (199 members	0.00	0.00	0.00	3,129.77		
Total	2,448.96	1,52	28.64	5,366.43		
Note: The initial certification of	date started on 21/08/2021.	The actual production pe	eriod started from 21/08/	2021 till 31/05/2022.		

Estate /	Tonnage (MT) / year					
Smallholders	Estimated last year (Not applicable)	Actual (Not applicable)				Forecast (Not applicable)
		Previous license period (N/A)	Current license period (N/A)			
N/A		N/A	N/A			
Total		N,	/A			



9. Summary of Non-Certified Tonnage of FFB (outside supplier — excluded from certificate)				
Out growers /	Tonnage (MT) / year			
smallholders	Estimated last year (Not applicable)		cual plicable)	Forecast (Not applicable)
		Previous license period (N/A)	Current license period (N/A)	
N/A	N/A	N/A	N/A	N/A
Total	N/A	N,	/A	N/A
Note: Not applicable for inc	lependent smallholders certi	fication		

9A. N	Monthly Records of Certified	d and Uncertified FFB Rec	eived since the last audit	
No.	Month - Year	Volume of FFB from certified supply base (mt)	Volume of FFB from uncertified supply base (mt)	Total FFB/Month (mt)
1	N/A	N/A	N/A	N/A
	TOTAL	N/A	N/A	N/A
Note	Not applicable for independent sr	mallholders certification		

Estimated last year (Not applicable)			Act (Not app	Forecast (Not applica		
			ense period /A)	Current license period (N/A)		
FFB		FFB	FFB		FFB	
N/A		N,	/A	N/A	N/A	
		TOTAL		N/A		
CPO (OER:	%)	CPO (OER:	%)		CPO (OER:	%)
N/A		N,	/A	N/A	N/A	4
		TOTAL	N/A			
PK (KER:	%)	PK (KER:	%)		PK (KER:	%)
N/A		N,	/A	N/A	N/A	4
		TOTAL		N/A		



10A.	10A. Monthly Records of Certified CPO & PK since the last audit							
No.	Month - Year	Certified CPO (MT)	Certified PK (MT)					
1	N/A	N/A	N/A					
	TOTAL N/A N/A							
Note	Note: Not applicable for independent smallholders certification							

11. Summary of Actual Volume sold									
Current License period (Not applicable)									
	DCDO Contigued	Other Scher	nes Certified	Commentional	Tatal				
	RSPO Certified	ISCC	Others	Conventional	Total				
CPO (MT)	N/A	N/A	N/A	N/A	N/A				
PK (MT)	N/A	N/A	N/A	N/A	N/A				
Credits	N/A	N/A	N/A	N/A	N/A				
Previous Lice	ense period (Not applica	able)							
CPO (MT)	N/A	N/A	N/A	N/A	N/A				
PK (MT)	N/A	N/A	N/A	N/A	N/A				
Credits	N/A	N/A	N/A	N/A	N/A				

11A. Re	11A. Records of Certified CPO & PK Sold under PalmTrace since the last audit (if any)							
No.	Buyers Name	PalmTrace Trading License Number	Certified CPO Sold (MT)	Certified PK Sold (MT)				
1.	N/A	N/A	N/A	N/A				
	TOTAL	N/A	N/A					
Note:								

11B. Records of certified CPO & PK Sold under other schemes since the last audit (if any)							
No.	Buyers Name	Scheme Name	Certified CPO Sold (MT)	Certified PK Sold (MT)			
1.	N/A	N/A	N/A	N/A			
	TOTAL	N/A	N/A				
Note:							



11C. Re	11C. Records of CPO & PK Sold as conventional since the last audit (if any)						
No.	Buyers Name	CPO Sold (MT)	PK Sold (MT)				
1.	N/A	N/A	N/A				
	TOTAL	N/A	N/A				
Note:							

11D. Records of Certified CPO Sold under RSPO Credits since the last audit (if any)						
No.	Buyers Name	PalmTrace Trading License Number	RSPO Credits of Certified CPO Sold			
1.	N/A	N/A	N/A			
	TOTAL N/A					
Note:						

12. Inde	12. Independent Smallholders Certified Tonnage (MT) / Volume								
	Estimated last year (Aug 21 – Jul 22)		Actual (Aug 2021 – May 2022)			Forecast (Aug 22 – Jul 23)			
Dhasa	Eligibility	MS A	MS B	Eligibility	MS A	MS B	Eligibility	MS A	MS B
Phase	40%	70%	100%	40%	70%	100%	40%	70%	100%
FFB			2,448.86			1,528.64			5,366.43
IS-CSPO	N/A	N/A		N/A	N/A		N/A	N/A	
IS-CSPKO	N/A	N/A		N/A	N/A		N/A	N/A	
IS-CSPKE	N/A	N/A		N/A	N/A		N/A	N/A	
CSPK	N/A	N/A		N/A	N/A		N/A	N/A	

12A.	12A. Monthly Records of Certified CPO, PK & PKE (equivalent) produced since the last audit							
No.	No. Month - Year FFB (MT)				Certified PKO (MT) Certified PKO (MT)			
1.	Aug 2021 – May 2022	0.00	0.00	0.00	0.00	0.00		
	TOTAL	0.00	0.00	0.00	0.00	0.00		

Note: 1 mt = 1 credit

No FFB was sold as certified FFB since the last audit



13. Inde	13. Independent Smallholders Actual Sold Tonnage / Volume							
	FFB	FFB Conventional	FFB Other schemes	IS-CSPO	CSPK	IS-CSPKO	IS-CSPKE	
Current Li	Current License period (Aug 2021 — May 2022)							
Credits				0.00	0.00	0.00	0.00	
Physical	0.00	1,528.64	0.00					
Previous I	Previous License period (N/A)							
Credits				0.00	0.00	0.00	0.00	
Physical	0.00	0.00	0.00					

13A.	13A. Records of Certified FFB, CPO, PK & PKE (including credits) sold since the last audit							
No.	Buyers Name	PalmTrace Trading License Number	FFB Sold (MT)	CPO Sold	Certified PK Sold (MT/credit)	PKO Sold	Certified PKE Sold (MT/credit)	
1.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	TOTAL		0.00	0.00	0.00	0.00	0.00	
Note	Note: No FFB was sold as certified FFB since the last audit							



Section 2: Assessment Process

Certification Body:

BSI Services Malaysia Sdn. Bhd. (ASI Accreditation Number: ASI-ACC-067) Suite 29.01 Level 29, The Gardens North Tower, Mid Valley City, Lingkaran Syed Putra, 59200 Kuala Lumpur, Malaysia. Tel +60 (3) 9212 9638 Fax +60 (3) 9212 9639

Representative: Chaiyaporn Seekao (Chaiyaporn.Seekao@bsigroup.com)

Website: www.bsigroup.com

BSI is a leading global provider of management systems assessment and certification, with more than 92,000 certified locations and clients in over 193 countries. BSI is the UK's National Standards Body. BSI provides independent, thirdparty certification of management systems. BSI is ASI Accredited (ASI-ACC-067) to conduct RSPO assessment since 31/10/2014 with accredited office located at Kuala Lumpur, Malaysia.

2.1 **Assessment Methodology, Programme, Site Visits**

The on-site assessment was conducted on 27/06/2022 - 01/07/2022. The audit programme is included as Section 2.3.

The approach to the audit was to treat the independent smallholders as an RSPO Certification Unit. A range of occupational health and safety, environmental, best practice management, and social factors were covered. This includes consideration of topography, palm age, proximity to areas with HCVs, declared conservation areas, local communities engagement and workers welfare and safety.

The Critical NC close out on-site assessment was conducted on 13/09/2022. The audit programs are included in Section 2.3.

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. Independent Smallholder Standard 2019 was used as the normative reference to assess compliance. The comments made by external stakeholders were also taken into account in the assessment.

The minimum sample size is four estates. Sample size for certification unit with more than four (4) estates were determined based on formula N = (\sqrt{y}) x (z) where y is the number of estates and where z is the multiplier defined by risk assessment. While, the sampling of smallholders were based on the formula $(\sqrt{y}) \times (z)$; where y is total number of group member and where z is the multiplier defined by the risk assessment. The sampled smallholder listed in Appendix E.

Meetings were held with stakeholders to seek their views on the performance of the company with respect to the RSPO 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 Section 3.4.

The non-conformities for this audit are detailed in Section 3.3 and unless it is stated in this section, all previous nonconformities including minor nonconformities are remains closed.



This report is structured to provide a summary of assessment finding as provided in Appendix A. The assessment was conducted based on risk based approach sampling and therefore nonconformities may exist.

For Initial, Re-certification and Extension of Scope assessment, the report was externally reviewed by approved external peer reviewer prior to certification decision by BSI.

For Annual surveillance assessment, the report was internally reviewed and approved by BSI qualified certification reviewer.

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

Assessment Program						
Name (Mill / Supply Base)	Year 1 (Certification)	Year 2 (ASA 1)	Year 3 (ASA 2)	Year 4 (ASA 4)	Year 5 (ASA 5)	
Pertubuhan Tani Niaga Lestari Negeri Johor (PERTANIAGA) – Existing Members (107 members)	Х	X	Х	Х	Х	
Pertubuhan Tani Niaga Lestari Negeri Johor (PERTANIAGA) – New Members (199 members)	N/A	Х	Х	Х	Х	

Tentative Date of Next Visit: June 5, 2023 - June 9, 2023

Total Number of Mandays: 18 Mandays

2.2 BSI Assessment Team

Name	Role	Competency
Muhammad Fadzli Masran (MFM)	Team Leader	Education: Holds a Bachelor Degree in Forestry Science, University Putra Malaysia
		Work Experience: He has more than 10 years working experience in palm oil estate as Assistant Manager managing operations and sustainability implementation experience including workers' welfare, workers' occupational, health & safety, environment conservation and protection at buffer areas and continuous improvement management plans. He involved in internal auditing on ISO9001 and ISO14001 standards.
		Training attended: He has completed ISO IMS 9001, 14001, 45001 (OHS 18001) Lead Auditor Course, Endorsed RSPO Lead Auditor Course, MSPO Lead Auditor Course, Endorsed RSPO Supply Chain Certification training course, MSPO Supply Chain Certification System (SCCS) Auditor training Course, CQI and IRCA Certified ISO 9001:2015 Lead Auditor Training Course, HCV and GIS Training and SMETA Requirements Training.
		Language proficiency: Fluent in in both verbal/written Bahasa Malaysia and English Language.
		Aspect covered in this audit: Good agriculture practices, legal requirements, training and continual improvement.



Mohamed Hidhir Zainal Abidin	Team Member	Education: Holds a Bachelor Degree in Chemical Engineering, graduated from National University of Malaysia on 2006.
(MHZA)		Work Experience: 4½ years working experience in palm oil industry specifically in palm oil mill as Mill Engineer. More than 10 years of auditing experience with accredited certification body for several schemes include ISO9001, ISO14001, OHSAS18001 (now ISO45001), RSPO, MSPO and RBA Labor Ethics
		Training attended: He has completed ISO 9001 Lead Auditor Course, ISO 14001 Lead Auditor Course, OHSAS 18001 Lead Auditor Course, Endorsed RSPO P&C Lead Auditor Course, MSPO Awareness Training, Endorsed RSPO SCCS Lead Auditor Course, HCV & HCS Introductory Training and SMETA Requirements Training.
		Language proficiency: Fluent in in both verbal/written Bahasa Malaysia and English Language.
		Aspect covered in this audit: Environment and HCV, occupational health & safety, training
Muhamad Naqiuddin Mazeli	Team Member	Education: Holds a Bachelor of Science Horticulture, University Putra Malaysia
(MNM)		Work Experience: 11 years working experience in oil palm industry managing sustainability implementation and certification of RSPO P&C, ISCC, and ISO9001 and ISO 18001 for the estates, mills, refineries and Smallholder scheme. He also support in providing training related to RSPO and other certifications where applicable to the operations during previous company.
		Training attended: He has completed ISO 9001: 2015 Lead Auditor Course, ISO 14001: 2015 Lead Auditor Course, ISO 45001: 2018 Lead Auditor Course, HCV & HCS Introductory Training, Endorsed RSPO P&C Lead Auditor Course and Social Auditing & SMETA Training
		Language proficiency: Fluent in in both verbal/written Bahasa Malaysia and English Language.
		Aspect covered in this audit: Internal control system, legal requirements, traceability and RSPO supply chain requirements.
Mohd. Razaleigh Mohamad (MRM)	Team Member	Education: Holds a Bachelor Degree in Plantation Management and Agrotechnology, University Technology Mara (UiTM).
		Work Experience: He has 5 years' experience in Oil Palm Estate Management with Tradewinds Plantation Berhad. The last position held was Senior Assistant Manager. He has more than 4 years of experience in Third Party Certification Audit with Control Union (M) Sdn Bhd for RSPO P&C, MSPO P&C and GLOBALG.A.P. IFA Fruits and Vegetables. Qualified as RSPO Lead Auditor and approved to conduct Environmental and Social elements.
		Training attended: He has completed ISO 9001-2015 Lead Auditor Course, ISO14001- 2015 Lead Auditor Course, ISO45001-2018 Lead Auditor Course, Endorsed RSPO P&C Lead Auditor Course, Endorsed MSPO P&C Lead Auditor Course, Social Accountability SA8000 Auditor Course, RSPO Independent Smallholder (IHS) Auditor Training.
		Language proficiency: Fluent in in both verbal/written Bahasa Malaysia and English Language.
		Aspect covered in this audit: Continual improvement, Social aspects, employee welfare and stakeholder consultation.



Suhaili Sahari	Peer Reviewer	Education: He holds a Bachelor Degree in Science majoring Industrial Chemistry from Liverpool University. He holds a Master Degree in Business Administration from Multimedia University, Malaysia. He holds a PhD in Economics & Muamalat from University Science Islam Malaysia
		Work Experience: He has more than 25 years' experience in training, teaching, consulting, quality and production for both manufacturing and plantation operation as well as education industry. He has experience conducting ISO, HACCP, Euro GAP, GLOBALG.A.P., RSPO, MSPO, Environment and Food Safety audits
		Training attended: He has completed Endorsed RSPO P&C Lead Auditor Course and RSPO/ASI Peer reviewer training.

Accompanying Persons:

Name	Role
Valence Shem	Qualifying Reviewer for Mohamed Hidhir
	Education: Holds BTech (Hons) Bachelor Degree in Industrial Technology, University of Science Malaysia
	Work Experience: He has experienced 9 years working in oil palm plantation industry. He also has experience in Management system auditing since 2009 for various standards such as ISO 140001, RSPO P&C, RSPO SCCS, MSPO and SMETA.
	Training attended: He has completed ISO 14001 Lead Auditor Course, ISO 9001 Lead Auditor Course, Endorsed RSPO P&C Lead Auditor Course, Endorsed RSPO SCCS Lead Assessor Course, MSPO Awareness Training, ISO 45000 Lead Auditor Course, SMETA Auditor training, HCV-HCS training, and RSPO-endorsed RSPO ISH Standard 2019 Lead Auditors Course

2.3 Assessment Plan

The Assessment plan was sent to the client prior to the assessment.

Onsite Audit

Date	Time	Subjects	MFM	MHZA	MNM	MRM
Sunday, 26/06/2022	PM	Auditors travel to Batu Pahat and check in at Katerina Hotel.	√	√	√	√
Monday, 27/06/2022	0900 - 0930	Opening meeting: Opening presentation by audit team leader Confirmation of assessment scope and finalize audit plan (including stakeholder's consultation)	√	√	~	>
	0930 - 1300	 Group Manager, Client's office Review of members' profiles & key management documents Document Audit: Public documents, SOPs, Policies, Internal audit, Production & 	√	√	>	>

...making excellence a habit."



Date	Time	Subjects	MFM	MHZA	MNM	MRM
		traceability requirements, FFB pricing, legal and other requirements, review on SEIA documents and records, wage records, complaint records, workers records, training records, permits, continual improvement plan, etc.				
	1300 - 1400	Lunch break	√	√	√	√
	1400 - 1630	Group Manager, Client's office Document review: Land use type, customary right land, complaints and grievance, safe work practices, employment conditions, training and competency, environmental management plan, energy usage, waste management plan, natural water resources, HCV, ERT awareness, zero burning, best practices, site management and development of new planting (if any)	√	√	V	√
	1630 - 1700	Interim closing briefing	√	√	√	√
Tuesday, 28/06/2022	0900 - 1300	 Field visit at 17 smallholders' farms Interview with smallholders Observation on harvesting, agrochemicals and fertilizers application, land use rights, land conflict, boundary demarcation, riparian zone protection, wastes management, occupational safety risk management, etc. 	V	√	V	\checkmark
	1300 - 1400	Lunch break	√	√	√	√
	1400 - 1630	Continue with field visit	√	√	√	√
	1630 - 1700	Interim closing briefing with respective Group Manager Representative	√	√	√	√
Wednesday 29/06/2022	0900 - 1300	 Field visit at 17 smallholders' farms Interview with smallholders Observation on harvesting, agrochemicals and fertilizers application, land use rights, land conflict, boundary demarcation, riparian zone protection, wastes management, occupational safety risk management, etc. 	√	✓	√	>
	1300 - 1400	Lunch break	√	√	√	√
	1400 - 1630	Continue with field visit	√	√	√	√
	1630 - 1700	Interim closing briefing with respective Group Manager Representative	√	√	√	√
	0900 - 1300	Field visit at 17 smallholders' farms	√	√	√	√



Date	Time	Subjects	MFM	MHZA	MNM	MRM
Thursday 30/06/2022						
	1300 - 1400	Lunch break	√	√	√	√
	1400 - 1630	Continue with field visit	√	√	√	√
	1630 - 1700	Interim closing briefing with respective Group Manager Representative	√	√	√	√
Friday 01/07/2022	0900 – 1230	Continue with documents audit of any outstanding elements from Day 1	√	√	√	√
	1000 - 1230	Stakeholders consultation (surrounding communities, government agencies, contractors, vendors, NGO, etc.)	-	-	-	√
	1230 - 1400	Lunch break and Friday prayer	√	√	√	√
	1400 - 1530	Continue with documents audit of any outstanding elements	√	√	√	√
	1530 - 1600	Audit team discussion & preparation for closing meeting	√	√	√	√
	1600 - 1700	Closing briefing	√	√	√	√

Major NC Close Out

Date	Time	Subjects	MFM
Monday 12/09/2022	PM	Auditor Travelling	√
Tuesday 13/09/2022	09.00 – 09.15	Opening Meeting: Opening Presentation by Audit team leader. Confirmation of assessment scope and finalize Audit plan	√
	09.00 – 12.00	Verification on previous Major NC: 1. 2219448-202206-M1 2. 2219448-202206-M3 3. 2219448-202206-M3 Site observation ,workers interview (individual and group session) if necessary Document review – implemented evidence	√
	12.00 - 13.00	Closing Meeting	√
	13.00	Audit Team travel back	√



Section 3: Assessment Findings

3.1 Multiple Management Units and Time Bound Plan

Requirement	Assessment	Compliance
Does the time bound plan include all current subsidiaries, estates and mills that is under the control and/or minor shareholding of the holding company?	Not applicable for independent smallholder certification.	Not Applicable
Have all the estates and mills certified within five (5) years after obtaining RSPO membership? If no, has RSPO Secretariat approval obtained? Was the submission according to the template as announced by the RSPO Secretariat on 21/12/2021	Not applicable for independent smallholder certification.	Not Applicable
Have there been any new acquisitions? If yes, the new acquisitions shall be certified within three (3) years from the date of acquisition. Certification plan for the new acquisition shall be available. If no, has RSPO Secretariat approval obtained? Was the submission according to the template as announced by the RSPO Secretariat on 21/12/2021.	Not applicable for independent smallholder certification.	Not Applicable
Any deviations from the maximum periods requires approval by the RSPO Secretariat.	Not applicable for independent smallholder certification.	Not Applicable
Have there been any changes to the time-bound plan since the last audit (both new acquisition and existing)? If yes, justification is required. Is this consistent with the ACOP reporting?	Not applicable for independent smallholder certification.	Not Applicable
Have there been any isolated lapses in implementation of the plan? If yes a Minor non-compliance shall be raised	Not applicable for independent smallholder certification.	Not Applicable
Have there been any fundamental failure (e.g. unable to justify delay in planning the assessments) to proceed with implementation of the plan? If yes a Major non-compliance shall be raised	Not applicable for independent smallholder certification.	Not Applicable
Un-Certified Units or Holdings		
No replacement of primary forest or any area required to maintain or enhance HCVs and HCS in accordance with RSPO P&C criterion 7.12.	Not applicable for independent smallholder certification.	Not Applicable
Any new plantings since January 1 st 2010 shall comply with the RSPO New Plantings Procedure.	Not applicable for independent smallholder certification.	Not Applicable
Any Land conflicts are being resolved through a mutually agreed process, such as RSPO Complaints System or Dispute Settlement Facility, in accordance with RSPO P&C criteria 4.4, 4.5, 4.6, 4.7 and 4.8.	Not applicable for independent smallholder certification.	Not Applicable



Any Labor disputes are being resolved through a mutually agreed process, in accordance with RSPO P&C criterion 4.2	Not applicable for independent smallholder certification.	Not Applicable
Any Legal non- compliance is being addressed through measures consistent with the requirements of RSPO P&C criteria 2.1	Not applicable for independent smallholder certification.	Not Applicable
Did the company conduct internal audit for those uncertified estates against the uncertified management units requirement and covering the RSPO P&C criterion 2.1 4.2, 4.4, 4.5, 4.6, 4.7, 4.8 and 7.12? If yes, a positive assurance statement shall be available and justified.	Not applicable for independent smallholder certification.	Not Applicable
Are there any Critical (Major) non-compliance raised against any of the RSPO P&C criterion 2.1 4.2, 4.4, 4.5, 4.6, 4.7, 4.8 and 7.12 during the last internal audit of the uncertified estates? If yes is the NC(s) actively addressed with RSPO?	Not applicable for independent smallholder certification.	Not Applicable
Have there been any stakeholder (including NGO) consultation conducted?	Not applicable for independent smallholder certification.	Not Applicable

3.2 Progress of scheme smallholders and/or outgrowers

Progress of scheme smallholders or outgrowers towards compliance with relevant standards				
Requirement	Remarks	Compliance		
Has 100% of scheme smallholders and/or scheme outgrowers comply with the standard within three years of the mill's initial certification?	Not applicable for independent smallholder certification.	Not Applicable		
OFI shall be raised if after one year where 100% of the scheme smallholders and scheme outgrowers are not in compliance, a minor NC after two years, and a major NC if this requirement is not met after three years.				



Approved Time Bound Plan

Not applicable for independent smallholder certification.



3.3 Details of Nonconformities

The nonconformities are listed below. The findings summary of the assessment by criteria are listed in Appendix A.

During this Assessment there were Three (3) Critical; Zero (0) Minor nonconformities and Zero Opportunity For Improvement raised. The Pertubuhan Tani Niaga Lestari Negeri Johor (PERTANIAGA) Certification unit submitted Corrective Action Plans for the nonconformity. Corrective action plans with respect to the nonconformity was reviewed by the BSI audit team and accepted.

The implementation of the corrective action plans to address the minor nonconformity will be followed up during the next surveillance assessment. The implementation of the Corrective Actions for the Critical Nonconformity(ies) has been verified for its effectiveness and closed accordingly. The below is the summary of the non-conformity raised during this assessment.

Non-conformity				
NCR Ref #	2219448-202206-M1	Date Issued	01/07/2022	
Due Date	28/09/2022	Date of nonconformity Closure	13/09/2022	
Clause & Category (Critical / Minor)	4.2 MS A & B - Critical			
Statement of Nonconformity:	 i) No development of plan to identify the maximum area for on-site remediation of HCVs lost since 2005 and HCS forests lost since November 2019, through a participatory process submitted to RSPO ii) No RSPO-approved plan to remediate for HCVs lost since 2005 and HCS forests lost since November 2019 			
Requirement Reference:	 i) Group members develop a plan to identify the maximum area for on- site remediation of HCVs lost since 2005 and HCS forests lost since November 2019, through a participatory process and the plan is submitted to RSPO. ii) An RSPO-approved plan to remediate for HCVs lost since 2005 and HCS forests lost since November 2019 is implemented. 			
Objective Evidence:	 i) No identified area for remediation available for verification as LUCA map submission for 214 ISH dated 10/6/2022 has yet to be approved by RSPO. ii) No approved remediation plan for verification as LUCA map submission for 214 ISH dated 10/6/2022 has yet to be approved by RSPO. 			
Corrections:		nunicate and follow-up with Riginstrate gissues (if any) in order to re	-	
	the farms that required	tion plan required by RSPO, Pl remediation from certification other group members` certif	n together with this	
Root Cause Analysis:	and first submitted our But the process took lo submission (214 Farme requests by RSPO with	mplified HCV Approach for Inc RSPO LUCA Disclosure Templ nger than expected due to lar rs with 241 Farms) and furthe final request from RSPO for P on 10th June 2022. Upon fina	ate on 14th March 2022. ge number of farm er multiple verification ERTANIAGA to submit	



	RSPO would only be able to complete the final LUCA report after the external audit week.	
Corrective Actions:	 i) Develop LUCA submission SOP and timeline (with guidance from RSPO Smallholders Team) to ensure all LUCA submission in the future will be completed by RSPO and the final report will be available in time for the external audit. ii) PERTANIAGA will conduct consultation sessions with affected farmers whose farms required remediation plan (if any) to arrive to a mutual solution that are beneficial to all parties. iii) Communicate with the PERTANIAGA members on the new SOP of LUCA submission. 	
Assessment Conclusion:	Major NC verification:	
ASSESSIMENT CONCIUSION:	Major NC verification: PERTANIAGA has submitted the LUCA report LUC Analysis Verification Results Documents for RSPO Regarding PERTANIAGA, version 2 dated 08/09/2022. as per report, approved information as follows:	
	Name of RSPO Member: PERTANIAGA	
	RSPO Membership no: 1-0308-20-000-00	
	Date of joining RSPO: 10/12/2020	
	Name of subsidiary/management units: PERTANIAGA	
	Country of subsidiary/management units: Malaysia	
	 Province and district of subsidiary/management units: Batu Pahat and Pontian, Johor 	
	Date of HCV assessment: 24/01/2022	
	Date of HCV report issue: 10/06/2022	
	Land clearing prior HCV assessment: Y	
	Total area of management unit (ha): 251.05 ha	
	Total smallholding areas analyse: 237.11 ha (only 54.74 ha (29 plot) have liabilities	
	Total area of raw liability (ha): 54.94 ha	
	Total area of conservation liability (ha): 0.00 ha	
	Environmental remediation: 37.7517 ha	
	Method used for LUC analysis: Manual	
	Organization who conducted LUC analysis: PT Hijau Daun	
	Dated when complete data set was received: June 2022	
	Kappa accuracy assessment results (if any): Not stated	
	Date when this report was prepared: September 2022	
	As per communication email by Mr. Indrawan Suryadi dated 09/08/2022, the ISH LUCA of PERTANIAGA status is Pass, the Final Conservation Liability is 0.00 ha and the Environmental Remediation is now become 37.75 ha.	
	As the RaCP for ISH is still under development, the RaCP has only been limited to quantification and recording of conservation obligations as well as identification of areas requiring remediation, through Disclosure and LUCA.	



PERTANIAGA has established Standard Operating Procedure for LUCA submission entitled "Garis Panduan Analisis Perubahan Guna Tanah" dated 01/08/2022. Refer document no. PERTANIAGA06.
PERTANIAGA has established Environmental Management Plan for area with raw liability.
All the corrective action and evidence of implementation were found to be adequate and effectively implemented. The Major NC closed on 13/09/2022.

Non-conformity			
NCR Ref #	2219448-202206-M2	Date Issued	01/07/2022
Due Date	28/09/2022	Date of nonconformity Closure	13/09/2022
Clause & Category (Critical / Minor)	3.5 MS B - Critical		
Statement of Nonconformity:	Access to safe worki demonstrated.	ng conditions and basic first aid su	upplies was not effectively
Requirement Reference:	Workers, including smallholder family members, have access to safe working conditions and amenities that include: • Safe and adequate housing, where applicable, • Access to basic first aid supplies • Health and safety equipment, including minimum personal protective equipment (PPE) if appropriate for the type of work. • Adequate drinking water iii) Access to toilets		
Objective Evidence:	Understanding and access of first aid supplies have to be further improved based on 14 ISH sampled at visited plots. Furthermore, first aid box sampled at smallholder #15 (farmer's ID: 0084-01-006), a few expired items: hand plaster, expired date: 06/20, iodine: 7/21 and oral medication: paracetamol, pain-killers were kept in the box.		
Corrections:	 i) PERTANIAGA to establish First Aid Standard of Procedure (SOP). ii) PERTANIAGA to conduct first aid training to all group members. iii) All group members will have access to basic first aid kit. GM will keep record of a list of farmers who already obtained their first aid kit and will ensure the kit is managed in reference to SOP. This record will be monitored annually during the internal audit by PERTANIAGA. 		
Root Cause Analysis:	 i) PERTANIAGA does not have the first aid standard of procedure (SOP) for group members to follow. ii) PERTANIAGA has not conducted the first aid training to the group members. 		
Corrective Actions:	 i) PERTANIAGA to communicate with the PERTANIAGA members on the First Aid Standard of Procedure (SOP). ii) Collaborate with external first aid expert (PBSM/JPAM) to develop PERTANIAGA group members as first aid committee members and trainers. iii) PERTANIAGA to conduct annual refresher training to all group members. 		



	iv) PERTANIAGA to conduct annual monitoring to ensure compliance with SOP	
Assessment Conclusion:	Major NC verification	
	PERTANIAGA has established Standard Operating Procedure for First Aid entitled "Garis Panduan Pelan Tindakan Kecemasan" dated 11/08/2022. Refer document no. PERTANIAGA08. PERTANIAGA has established First Aid Committee member lead by the Group Manager. All the committee member has attended competent First Aider training conducted by Malaysian Red Crescent, Kluang, Johor on 05 - 06/08/2022. PERTANIAGA has conducted first aid kit training for all smallholder members on 15/08/2022 - 22/08/2022. The training was conducted on big scale, by gathering all farmers. for farmers who unable to join the big scale training, small scale training was conducted by visiting the farmers. this to ensure all members were trained in first aid.	
	PERTANIAGA has established training plan for First Aid training documented in annual training plan under part 4 for new join member and continuous improvement training for existing members . Reviewed the training plan FY 2021 - 2022 and FY 2022 - 2023.	
	PERTANIAGA provided first aid kit to all smallholder members. All first aid kit consist of 13 first aid item. Review the acknowledgment of receiving first aid kit by the smallholder members dated 15/08/2022 - 22/08/2022.	
	PERTANIAGA will conducted annual monitoring for first aid kit provided during Internal Audit and Farm Assessment. The monitoring will be recorded in the Monitoring Mainsheet Data.	
	All the corrective action and evidence of implementation were found to be adequate and effectively implemented. The Major NC closed on 13/09/2022.	

Non-conformity			
NCR Ref #	2219448-202206-M3	Date Issued	01/07/2022
Due Date	28/09/2022	Date of nonconformity Closure	13/09/2022
Clause & Category (Critical / Minor)	B.1.2 MS A - Critical		
Statement of Nonconformity:	Internal control system for ensuring legal documentation of group members was not effectively implemented.		
Requirement Reference:	Basic information, farm information, production data, legal documentation of group members and signed Smallholder Declarations are available to the group manager		
Objective Evidence:	During document review, it was noted that from 214 new members, 117 was found without active MPOB license and was still in progress for application of license. This shows the Internal control system for ensuring legal documentation of group members was not effectively implemented.		
Corrections:	i) PERTANIAGA will communicate and follow up with MPOB Enforcement to review all the 117 applications and close any outstanding issues for approval and issuance of MPOB license.		



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	ii) For MPOB license applications that are not approved or that have not received confirmation by MPOB that the applications are in order before 28th September 2022 (90 days), PERTANIAGA will exclude these farmers from certification together with this group to avoid affecting other group members` certification status.	
Root Cause Analysis:	i) PERTANIAGA has submitted the registration for 117 new members from 08th March to 21st June 2022. As MPOB does not provide the approval process timeline, PERTANIAGA assume that all 117 new members that are still in "In Progress" status will receive their approval and license issuance in due time and therefore could meet the legal documentation requirement.	
	ii) There is a gap in PERTANIAGA MPOB License SOP and internal audit process which did not capture this matter as a finding.	
Corrective Actions:	i) Strengthen SOP (Tatacara Permohonan LESEN MPOB Program Pekebun Kecil PERTANIAGA) on managing and monitoring new and renewal MPOB license application process.	
	ii) PERTANIAGA to ensure only group members with active MPOB license are qualified to undergo RSPO external certification audit.	
	iii) Communicate with the PERTANIAGA members on the updated SOP (Tatacara Permohonan LESEN MPOB Program Pekebun Kecil PERTANIAGA).	
	iv) To improve the Internal Audit report format to capture all key indicator and requirement in the RISS.	
Assessment Conclusion:	Major NC verification	
	PERTANIAGA has ensure all the 117 smallholders members obtain the MPOB license. Reviewed the List of Smallholder Members includes the MPOB license number.	
	PERTANIAGA has reviewed the Standard Operating Procedure for obtaining MPOB License in "Garis Panduan Semakan Status Lesen MPOB PERTANIAGA (V3)" dated 05/09/2022. Refer document no. PERTANIAGA06. In the SOP established stated that smallholders who do not have a valid and active MPOB license cannot be register in PERTANIAGA Group Producer for RISS certification.	
	PERTANIAGA has communicate the updated Standard Operating Procedure for obtaining MPOB License in "Garis Panduan Semakan Status Lesen MPOB PERTANIAGA (V3) during training. Review training records dated 15/08/2022 - 22/08/2022.	
	PERTANIAGA has updated the Internal Audit base on RSPO Independent Smallholder Standard Checklist V4.	
	All the corrective action and evidence of implementation were found to be adequate and effectively implemented. The Major NC closed on 13/09/2022.	

Opportunity for Improvements		
OFI#	Description	
OFI 1	N/A	



Positiv	Positive Findings		
PF#	Description		
PF 1	Good cooperation from the management team.		
PF 2	Fast document retrieval		
PF 3	Good arrangement on the farm visit		
PF 4	Good training program planned and conducted by the group manager		
PF 5	The smallholders members have good understanding on sustainability standard		

3.3.1 Status of Nonconformities Previously Identified and Observations

Non-conformity			
NCR Ref #	2059882-202105-M1	Date Issued	21/05/2021
Due Date	20/05/2022	Date of nonconformity Closure	15/07/2021
Clause & Category (Critical / Minor)	3.1 Milestone A (Critical)		
Statement of Nonconformity:	Implementation of measur practices was not effectively	re to ensure voluntary wor y demonstrated.	k and prohibited labour
Requirement Reference:	Smallholders complete training on free and fair labour and implement measures to ensure that all work is voluntary, and the following practices are prohibited: Retention of identity documents including but not limited to passports; Payment of recruitment fees by workers; Contract substitution; Involuntary overtime; Lack of freedom of workers to resign; Penalty for termination of employment; Debt bondage; Withholding of wages		
Objective Evidence:	Sample of one contractor's worker under Seteguh Enterprise (collection centre), was not registered under the company. Furthermore, no effective measures to monitor casual worker used by smallholders and workers registered under collection centre to ensure legality of workers prior to engagement.		
Corrections:	Discontinue the services of any local or foreign workers that do not have legal documentation and permit (foreign worker).		
Root Cause Analysis:	 Due to shortage of labour at Collection Center, Collection Center have arranged with other company to support the demand of workers for farms operation Lack of monitoring due to no mechanism of workers registration has yet to be established for casual workers in farm operation at Collection Center. 		



Corrective Actions:	 To establish procedure of the mechanism of workers registration. All CC/Agent, whose workers will work in any of PERTANIAGA smallholders' farms or workers who will directly without intermediary such as CC / agent, will be required to register with PERTANIAGA via PERTANIAGA Workers Registered Database (G1) and provide proof of documents that these workers will work legally and voluntarily. The list of workers will be updated in PERTANIAGA Workers Registered Database (G1). PERTANIAGA will enhance our Social Policy and seek feedback from external consultant / expert/ advisor before circulating the Policy to all members and 3rd party service providers. This policy will be communicated, acknowledged and accepted by our members once they have read and understand the
	policy. For 3rd party service providers, this is required when they register in
Assessment Conclusion:	 PERTANIAGA Workers Registered Database (G1). Evidence verified: Memos dated 28/06/2021 to all the labour providers that show the service of any workers without legal documents and work permit has been discontinued A procedure entitled "PERTANIAGA Workers Registered SOP" describing the mechanism to register workers. This includes collecting information about the legality status of a worker and update it in the registration database template. The latest updated "PERTANIAGA Workers Registered Database (G1)" which has the information about group members names, labour provider, workers name, nationality, ID/passport No., work permit, date of birth, to name a few A memo dated 11/06/2021 to all the group members informing them about the importance to adhere all the 17 policies related to RSPO established by the Group Manager. The acknowledgement of receipt of the memo had been done by the members through Google Form.
	The evidence of correction and corrective actions implementation was found to be adequate to close the NCR. The continuous effective implementation shall be verified in the next assessment.
	ASA 1 Verification
	a) SOPs maintained in the "PERTANIAGA Workers Registered SOP" describing the mechanism to register workers.
	 b) Workers database has been verified by auditor and has been recorded in the document PERTANIAGA Workers Registered Database for group 1 and 2. Information of casual workers recorded base on the smallholders list include workers name, ID/passport number and training attended.
	c) Communication of the RSPO policy conducted phase by phase depending on the availability of the smallholders. Sample of communication conducted on 9-10/03/2022 conducted by CSS/Asia Business School.
	d) As per site visit, it is found out that there is no permanent workers hired by the smallholder, which only casual workers appointed through the collection centre and salary payment advance done by CC payment will deduct through FFB payment.
	e) Sample of deduction of wages for casual workers sighted in the acceptance receipt "Acceptance receipt" dated 11/06/2022
	Evidence verified conformed compliance for the requirement, thus, Major Non-

conformities remain closed.



Non-conformity			
NCR Ref #	2059882-202105-M2	Date Issued	21/05/2021
Due Date	20/05/2022	Date of nonconformity Closure	15/07/2021
Clause & Category (Critical / Minor)	D.1.1 Eligibility (Critical)		
Statement of Nonconformity:	The procedure for the track	king of FFB has yet to be esta	blished.
Requirement Reference:		e annual production and sa ducers and/or traders are ava	The state of the s
Objective Evidence:	Based on site visit, it was observed that there is a risk that the potential certified FFB and non-certified FFB to be mixed especially during transportation from field to collection centre. However, the procedure for the tracking of certified FFB whilst taking this risk into consideration has yet to be established.		
Corrections:	 Farm: Put Signage for certified FFB (upon harvesting) Transportation from farm to CC: Segregate FFB by separating the FFB using divider (e.g. frond, canvas, hardboard) in the lorry bucket and weighing will be done separately collecting separately certified/non-certified Internal Memo to communicate items no 1 and 2 to farmers and Collection Center members of PERTANIAGA. Producer group-in-charge to monitor the certified FFB weigh according to the receipt (by Collection Center) monthly for all members of PERTANIAGA. 		
Root Cause Analysis:	No SOP on the FFB segrega	ation at farm, transportation a	and weighing process.
Corrective Actions:	 Develop SOP on FFB segregation and standard designated space for certified FFB and circulated to all farmers and respective Collection Centre, as well as Collection Center members of PERTANIAGA. Collection Center to recognise the certified FFB and remark RISS certified farmers' members of PERTANIAGA in their system. PERTANIAGA (Treasurer and Exco Economy) to monitor record keeping for certified FFB segregation quarterly for all members of PERTANIAGA. 		
Assessment Conclusion:	 Evidence verified: A picture of the "Certified FFB" signage to label the certified FFB at the field collection platforms Pictures of hardboard being used to segregate certified and non-certified FFB in a lorry bucket and a picture of a motorbike mounted with bucket to send the certified FFB in the event that the quantity of FFB is practically too small to be separated in a lorry bucket Weighbridge ticket dated 25/05/2021 (ticket no.: 48485) that shows certified and non-certified FFB were separately collected. Copy of the internal memo dated 11/06/2021 to farmers and collection centre with regards to segregation method of certified and non-certified FFB Records that show the weight of certified FFB according to receipts from collection centre are being monitored by the producer group in-charge. 		



6. The SOP entitled "Garis Panduan Pengasingan Buah Tandan Segar (BTS) di bawah Program Pekebun Kecil P&G" (Guideline to Sperate FFB under P&G Smallholders Programme) which describes the method of FFB segregation in the field and at the collection centre.
7. A memo (Subject: Prosedur Operasi Standard Pengasingan Buah Tandan Segar) to all that shows the FFB segregation SOP has been circulated to all farmers and collection centres
8. An excel sheet records that show the segregation of certified FFB is being monitored by the Treasurer and Exco Economy
The evidence of correction and corrective actions implementation was found to be adequate to close the NCR. The continuous effective implementation shall be verified in the next assessment.
ASA 1 Verification
During site verification found the signage already been install at collection centre (Syarikat Seteguh) and have system to record that certified and non certified. Sample on weighbridge ticket dated 31/5/2022 (ref no; 05/2022-M0014) showed that shows certified and non-certified FFB were separately collected. As per interview with smallholder and collection centre they aware regarding to SOP entitled "Garis Panduan Pengasingan Buah Tandan Segar (BTS) di bawah Program Pekebun Kecil P&G" (Guideline to Sperate FFB under P&G Smallholders Programme) which describes the method of FFB segregation in the field and at the collection centre.
Evidence verified conformed compliance for the requirement, thus, Major Non-conformities remain closed.

Non-conformity			
NCR Ref #	2059882-202105-M3	Date Issued	21/05/2021
Due Date	20/05/2022	Date of nonconformity Closure	15/07/2021
Clause & Category (Critical / Minor)	D.3.1 Eligibility (Critical)		
Statement of Nonconformity:	No record of agreement and communication of Premium distribution SOP.		
Requirement Reference:	The group and group manager have agreed on how the premiums should be used and the agreement is recorded and communicated to the group members. Prices, premiums, and timing of premium payment are clearly communicated and transparent to all group members. Premiums disbursed to members at all stages are recorded and the premiums are paid in a timely and convenient manner.		
Objective Evidence:	There was no evidence to show that agreement between group and group manager on how the premiums should be used has been established and recorded. The SOP on How Premium Distributed dated 20/05/2021 had been established. However, there is no evidence that the SOP has been communicated to the group members.		
Corrections:	Internal Memo and SOP will be circulated to Group 1 members. Upon distribution on these documents, PERTANIAGA to request smallholder to sign the agreement		



	via google form. These documents will be kept in the individual farmers file in the form of hard copy.
Root Cause Analysis:	Although SOP on premium distribution has been established on 20/5/2021, PERTANIAGA has not been able to engage with our members to circulate the SOP to all Group 1 members within the stipulated time to record their acceptance. This issue also was not detected during the Internal Audit.
Corrective Actions:	PERTANIAGA will conduct online meeting by batch (as a follow-up session) to all Group 1 members to deploy and socialize the SOP on premium distribution. To revise the Internal Audit report format to include all indicator and requirement in the RISS.
Assessment Conclusion:	Evidence verified: 1. A memo dated 11/06/2021 that shows the SOP on premium distribution have been communicated to all the group members. The memo is considered as an agreement between the group manager and the group members where the group members have signed via google form. 2. Revised Internal Audit Report formats/checklists (group manager and ISH farmers) that show all the indicators and requirements in the RISS have been included. The checklists have the information about the standard's requirements and objective evidence to be looked for. The evidence of correction and corrective actions implementation was found to be adequate to close the NCR. The continuous effective implementation shall be verified in the next assessment. ASA 1 Verification "Prosedur untuk pembayaran, perdagangan, penyataan dan penghasilan RSPO" dated 20/5/2021 was reviewed. Reviewed training or briefing material and attendance records dated 09/03/2022 – 10/03/2022 at Pine Tree Hotel as per sampling:- Smallholder id Group 1 i) 0026-01-001(14/05/2022) ii) 0020-01-001(09/03/2022) iii) 0060-01-004(09/03/2022) iv) 0073-01-004 (14/05/2022) iii) 0198-01-004 (14/05/2022) iii) 0190-01-004 (14/05/2022) iii) 0190-01-003 (02/06/2022) iv) 0182-01-003 (01/06/2022) Evidence verified conformed compliance for the requirement, thus, Major Nonconformities remain closed.

Opportunity for Improvement



OFI#	Description
OFI 1	OFI Statement:
	Indicator 4.4 Milestone B
	The action plan for peat management had been established. It can be further improved by including the information about timeframe and responsible person.
	Verification / Follow-up actions:
	Action plan for peat management documented in the document "Peat land management planning for the year 2020 to 2025 (Group 1 RISS). Total 10 plan has been outlined with information such as details, timeframe and date of implementation. Discussion has been done by the Jabatan Pengairan dan Saliran on 01/06/2022 and Dr Qurshina, from UiTM Jasin.

3.3.2 Summary of the Nonconformities and Status

CAR Ref.	Category (Critical / Minor)	P&C Indicator	Issued Date	Status & Date (Closure)
2059882-202105-M1	Critical	3.1 Milestone A	21/05/2021	Closed on 15/07/2021
2059882-202105-M2	Critical	D.1.1 Eligibility	21/05/2021	Closed on 15/07/2021
2059882-202105-M3	Critical	D.3.1 Eligibility	21/05/2021	Closed on 15/07/2021
2219448-202206-M1	Critical	4.2 Milestone A and B	01/07/2022	Closed on 13/09/2022
2219448-202206-M2	Critical	3.5 Milestone B	01/07/2022	Closed on 13/09/2022
2219448-202206-M3	Critical	B.1.2 Milestone A	01/07/2022	Closed on 13/09/2022

3.4 Stakeholders and previous land owner / user consultation

Stakeholder consultation involved internal and external stakeholders. External stakeholders were contacted by telephone to arrange meetings at a location convenient to them to discuss Pertubuhan Tani Niaga Lestari Negeri Johor (PERTANIAGA) Certification Unit's environmental and social performance, legal and any known dispute issues.

Meetings were conducted with stakeholders to seek their views on the performance of the company with respect to the RSPO 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 later was verified with the management team. Any comment which is not complying to the RSPO P&C requirements have been incorporated as an assessment finding.

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 below.



Stakeholders contacted									
Type of Stakeholder (e.g. Internal, Union, Contractor, Governmental Department, NGO, External, Communities)	Stakeholder name / organization	Means of communication (e.g. face to face interview, email, phone interview, comment from public notice)							
Internal Stakeholders	Sampled Smallholders Members	Face to Face Interviews							
Governmental Department	Malaysia Palm Oil Board, Parit Raja	Face to Face Interviews							
Governmental Department	Drainage and Drainage Department	Face to Face Interviews							
Governmental Department	Ayer Itam Agricultural Center	Face to Face Interviews							
External Stakeholders	Southern Waste Management	Face to Face Interviews							
External Stakeholders	Yara (M) International Sdn Bhd	Face to Face Interviews							
External Stakeholders	Sudinana	Face to Face Interviews							

Stakeholders comment

1 Feedbacks:

Smallholders – As per audit, feedback from the smallholders show positive impact of established of Pertaniaga. Certified smallholder mentioned that they received support internal of fertilizers recommendation, soil and leaf analysis, consultation for GAP.

Field operations mostly outsourced to contractor (under collection center or casual workers) and some of them managed their own farm. For those who outsourced, rate for harvesting ranging from RM60 – RM90 depending on area and palm height. Casual workers paid as per the verbal agreed rate. If the workers supplied from collection center, salary will be deducted from FFB payment.

The smallholders aware of the complaint mechanism and his rights to raise any complaint to the group manager. They are also aware on the declaration made with PERTANIAGA and know the consequences if they are not obliged to the rules and regulation as stipulated in the said declaration. As said by smallholder, RSPO policy also has been communications

Audit Team verification and response:

No other issue. The group manager will continue to assist and improve stakeholder's knowledge and awareness.

2 Feedbacks:

MPOB Parit Raja and Enforcement Department.

MPOB Parit Raja is responsible to handle all growers and smallholder in Parit Raja. As per mentioned, MPOB are delighted with the establishment of Pertaniaga in term of improvement of smallholder around Parit Raja. She also mentioned that MPOB can contribute in term of consultation in term of GAP for Oil Palm Planting, legal and regulations requirement. MPOB has been asked about progress of MPOB licences application for smallholder and for now, there some application is still pending due to documentation issues. Explanation on the progress to apply for MPOB licences and document required has been explained to the auditor during the consultation.

Audit Team verification and response:



PERTANIAGA has communicate with MPOB Johor to help the smallholders to acquire the MPOB license. As todate, all the smallholder members has successfully acquired the MPOB license.

3 Feedbacks:

SWM @ Southern Waste Management -

Interview with Mr Bakthiar, from corporate and communication department, previously central recycling center has been planned to be established nearby the smallholder as center for empty chemical container recycling which has will be called as "Sangkar". However, the planning pending since last year due latest directive from Pihak Berkuasa Tempatan (PBT) to prioritize plan project for local school. He said that he encourages Pertaniaga to construct their own center and he always ready for any advice.

Audit Team verification and response:

Management of Pertaniaga noted with the feedback from SWM and will look into any potential in term of cost and manpower to establish own recycling centre as per recommend by SWM

4 Feedbacks:

Jabatan Pengairan dan saliran (JPS)

Interview with Mr Halil confirmed that engagement between Pertaniaga and JPS has been done and meeting conducted to discuss water management at peat area. The establishment and action plan still in progress to find the best solution for smallholder since the real obstacles is to established drainage to cover all the smallholder and to maintain water level.

Audit Team verification and response:

No further action required.

5 Feedbacks:

Yara (M) International Sdn Bhd

Mr Hanafi as senior agronomist and Mr Nicholas for Yara has been interviewed and they mentioned that they are satisfied with current relationship with Pertaniaga. Currently, Yara is responsible to provide consultation for GAP, recommendation for fertilizers, leaf & soil sampling. Mr Hanafi mentioned that currently leaf and soil sampling has been done base on area sampling due to shortage of manpower to take sample and similar characteristic of soil. Mr Nicholas also mentioned that total round of fertilizer application can be reduce to 4 round from 6 rounds but need to increase the dosage of fertilizers for each rounds.

Audit Team verification and response:

Pertaniaga noted with the feedback and will communicate with the smallholder on fertilizers application programme.

6 Feedbacks:

Pusat Pertanian Ayer Itam

Pusat Pertanian Ayer Itam provide training to communities who intent to have side income base on agriculture base business. Previously, women smallholders attended training at Pusat Pertanian Ayer Itam on how to make "tempe" which product from fermented soybean. Pusat Pertanian Ayer Itam also provide other training such as hydroponic planting, basic agriculture for high school graduate and others.

Audit Team verification and response:

Pertaniaga representative is happy with the training provided and will plan next training involve all smallholder as part of personal development.

List of land owner / user contacted									
Name	Years of ownership / used	Land area (ha)	Agreement (Yes / No)	5	Compliance on the agreement terms and conditions				



N/A	N/A	N/A	N/A	N/A	N/A

Previou	Previous land owner / user comment							
	Feedbacks: N/A							
	Audit Team verification and response: N/A							

3.5 Impartiality and conflict of interest

During this assessment there was no circumstances or pressure that had influenced the independence or confidentiality of the assessment team.



Formal Signing-off of Assessment Conclusion and Recommendation

The audit objectives have been achieved and the certificate scope is appropriate. Based on the results of this audit, it is concluded that Pertubuhan Tani Niaga Lestari Negeri Johor (PERTANIAGA) has complied with the Independent Smallholder Standard 2019 and audit criteria identified within the audit report. It is deemed that the management system has achieved its intended outcomes. Therefore, it is recommended that Pertubuhan Tani Niaga Lestari Negeri Johor (PERTANIAGA) is remain certified.

Report prepared by	Acceptance of Assessment Conclusion				
Name: Muhammad Fadzli b. Masran	Name: MOHD FARIDZ BIN HARITH				
Company Name: BSI Services Malaysia Sdn. Bhd.	Company Name: PERTUBUHAN TANI NIAGA LESTARI NEGERI JOHOR (PERTANIAGA)				
Title: Client Manager	Title: GROUP MANAGER				
Signature:	Signature: (I the undersigned, being the most senior relevant management representative of the operation seeking or holding certification, agree with the contents of this report and accept the liability in execution of the procedure in the report.) FARIDZ BIN HARITH Pengurus Kumpulan Pertubuhan Tani Niaga Lestari Negeri Johor (PERTANIAGA) Email: fitpertaniaga@gmail.com Tel: 0197636605				
Date: 21/09/2022	Date: 27/9/2022				



Appendix A: Summary of Findings

Criterion	/ Indicator	Assessment Findings	Compliance							
-	Principle 1: Optimise productivity, efficiency, positive impacts and resilience Implement professional and transparent operations to secure sustainable livelihood improvements.									
	Criteria 1.1 Smallholders establish a legal entity which has organizational capacity to comply with the RSPO Independent Smallholder Standard.									
Milestone A	Group manager and group members have an Internal Control System (ICS) that meets all the ICS Eligibility and MS A requirements (section 3.2 below) and complete training on oil palm pricing mechanisms,	PERTANIAGA Internal Control System has been established and led by a President and assist by Vice President, Secretary, Vice Secretary, Treasurer, Group Manager and High Council.	Complied							



financial management, organisations.	and	best	practices	for	smallholder	The Group Manager and group members have completed various trainings which include oil palm pricing mechanisms, financial management, and best practices for smallholder organisations. PERTANIAGA has implemented the PERTANIAGA Code of Conduct for to outline the process of assessment prior the participation of individual members. All the members will be registered in system that consists of the information recorded in the document checklist form such as: 1. Farmers details 2. P&G Smallholder Program Participatory Agreement 3. PERTANIAGA Membership form 4. Smallholder declaration form 5. Photocopy ID 6. Smallholder Training Form 7. Photocopy of Land Title 8. Photocopy of MPOB License 9. Farm Details 10. Farm Sketch Map 11. FFB Sales Records 12. Fertilisers Application Records 13. Chemicals Application Records 14. Expenses Records Farm Assessment Form The document were available at the PERTANIAGA office for review. Reviewed sampled document signed by the smallholders with ID no as follows:	
						Smallholders ID	

bsi.

		1. 0055-02-002	7. 0174-01-003	13. 0106-02-001	
		2. 0067-01-003	8. 0098-01-007	14. 0210-01-004	
		3. 0066-01-003	9. 0096-01-007	15. 0020-01-001	
		4. 0068-01-003	10. 0092-01-007	16. 0190-01-004	
		5. 0064-01-003	11. 0282-01-010		
		6. 0182-01-003	12. 0306-01-012		
Milestone B	Smallholder groups are operating in accordance to best management practices for groups, including: • Fair and transparent decision-making and governance • Sustainable financial management	demonstrated through members which consist members. The organi demonstrate its sustai	the composition of Place of both representative isation has its busine inable financial managements.	and governance is ERTANIAGA committee es from MISI and group ess planning that can gement. Reviewed the ciation PERTANIAGA FY	Complied
Criteria 1	.2				
Smallholde	rs have the capacity to effectively manage their farm.				
Eligibility	Not Applicable	Not Applicable			Not Applicable
Milestone A	Smallholders complete training on farm business operations, monitoring and planning. The training includes capacity building on	PERTANIAGA has estal documented in the PER		r all the ISH members 2021 – FY 2025.	Complied
	record keeping for production, including inputs and yields, transactions, and variety.	Reviewed the training reports for training con-		material and training	
		yields, transactions, an	nd variety, reviewed the	n, including inputs and e training material and "Latihan Pengiraan	

		Penghasilan dan Perbelanjaan" dated 14 and 15/05/2022 and Small-Scale Training RISS Group 1 and 2 dated 25/05/2022 till 02/06/2022.		
Milestone B	Smallholders are managing their farms effectively and maintain records of production and transaction data of all FFB sale records of production, transaction data of all FFB sale Fertilisers Application Records, Chemicals Application Records Expenses Records Farm Assessment Form and registered in the data base. Reviewed the sampled data for smallholders' with ID no.			
		Smallholders ID		
Criteria 1.		1. 0055-02-002 7. 0174-01-003 13. 0106-02-001 2. 0067-01-003 8. 0098-01-007 14. 0210-01-004 3. 0066-01-003 9. 0096-01-007 15. 0020-01-001 4. 0068-01-003 10. 0092-01-007 16. 0190-01-004 5. 0064-01-003 11. 0282-01-010 6. 0182-01-003 12. 0306-01-012		
	rs implement good agricultural practices (GAP) on their farms.			
Eligibility	Smallholders commit to implementing good agricultural practices on their farms. (Reference Smallholder Declaration, 1.1.E, Annex 2).	PERTANIAGA have developed a Smallholders Declaration and Code of Conduct which outlines the necessity to implement good agricultural practices in their farms. Smallholders' under PERTANIAGA was committed to implement good agricultural practices.	Complied	
		All the 107 existing members and 214 new members have signed smallholder declaration on understanding and admission to the RSPO smallholder group. Refer document ref. no PERTANIAGA00/2020/002 dated 25/06/2020.		

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		Reviewed the sampled	d data for smallholders' v	with ID no. as follows:	
		Smallholders ID			
		1. 0055-02-002	7. 0174-01-003	13. 0106-02-001	
		2. 0067-01-003	8. 0098-01-007	14. 0210-01-004	
		3. 0066-01-003	9. 0096-01-007	15. 0020-01-001	
		4. 0068-01-003	10. 0092-01-007	16. 0190-01-004	
		5. 0064-01-003	11. 0282-01-010		
		6. 0182-01-003	12. 0306-01-012		
Milestone A	Smallholders complete training on Good Agriculture Practices (GAP).	documented in the PE	ablished training plan for RTANIAGA Timeline FY 2 attendance, training	2021 – FY 2025.	Complied
		reports for training co		material and training	
		yields, transactions, a attendance records 15/05/2022 and Sma	d keeping for production and variety, reviewed the for training entitled call-Scale Training RISS (2022. The training includes)	e training material and conducted on 14 and Group 1 and 2 dated	
		1. Farm Financia			
			d Expenses records		
		3. Environment			
		4. Peat Manager			
		5. Water Manage	ement		
		6. Replanting 7. Labour and So	ocial		
		7. Labour and So 8. Safety and He			
		8. Salety and He	diui		

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		Training was of International Moown field.		er from UITM, om CSS Primary			
Milestone B	Smallholders have adopted GAP on their farms and are tracking productivity through, but not limited to, records of FFB sales.	Noted during fa was satisfactor spraying, harve	ry. No overspr	ay was sighted	d and the sta		Complied
		Noted during in the importance satisfactory.		he smallholders GAP in the			
Principle 2	2: Ensure Legality, Respect for Land Rights and Community Wel	lbeing					
Comply wit	Comply with the law and respect communities' rights						
Criteria 2.	1 rs have legal or customary rights to use the land in accordance with nation	onal and local la	ws. and custom	ary practices			
Eligibility	Smallholders provide the coordinates or maps of their plots and evidence of ownership, or rights to use the land (refer to appendix 1).	Coordinate or r	maps of smallhose the land ava	older's plots and	ication and in		Complied
		Smallholders ID	GPS Location	Ownership Evidence/ Land Title no.	Plot No.		
		0092-01-007	1.551208, 103.408626	82639	Lot 635		
		0096-01-007	1.509069 103.037683	2352	Lot 429		
		0098-01-007	1.53359 103.44354	3254	Lot 3370		



_			ī	T.		7	
		0174-01-003	1.785539 103.062459	82	6072		
		0182-01-003	1.777133 103.037683	H.S.(M): 3418	PTD 6500		
		0064-01-003	1.815559 103.06125	6385	3679		
		0068-01-003	1.830441 103.063163	9135	3609		
		0066-01-003	1.819986 103.048913	67	8156		
		0067-01-003	1.80849 103.06829	11055	3920		
		0055-02-002	1.85055 103.14369	11427	6471		
						-	
Milestone A	Smallholders can demonstrate legal ownership or native and/or customary rights to use the land or demonstrate that they are in the process of legalisation of that right.	Coordinate or r or rights to us smallholder dec	se the land ava	ailable for verif	ication and in		Complied
		Smallholders ID	GPS Location	Ownership Evidence/ Land Title no.	Plot No.		
		0092-01-007	1.551208, 103.408626	82639	Lot 635		

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Criteria 2	.2					
Milestone B	Smallholder plots are clearly and visibly demarcated and maintained, and the smallholders are operating only within these boundaries.		th red colour P	VC pole. Addit	t boundary was o tionally, the smallh ing and drain.	Complied
		0055-02-002	1.85055 103.14369	11427	6471	
		0067-01-003	1.80849 103.06829	11055	3920	
		0066-01-003	1.819986 103.048913	67	8156	
		0068-01-003	1.830441 103.063163	9135	3609	
		0064-01-003	1.815559 103.06125	6385	3679	
		0182-01-003	1.777133 103.037683	H.S.(M): 3418	PTD 6500	
		0174-01-003	1.785539 103.062459	82	6072	
		0098-01-007	1.53359 103.44354	3254	Lot 3370	
		0096-01-007	1.509069 103.037683	2352	Lot 429	

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Smallholde approach.	Smallholders have not acquired lands from indigenous peoples, local communities or other users without their free, prior and informed consent, based on a simplified FPIC approach.					
Eligibility	For existing plots, smallholders can demonstrate that they have not acquired land without free, prior and informed consent of indigenous peoples, local communities or other users (refer to appendix 1).	No acquired land without free, prior and informed consent of indigenous peoples, local communities or other users within PERTANIAGA propose scope of certification. All plots either owned by smallholders themselves or lease from state government.	Complied			
Milestone A	For existing plots, smallholders can demonstrate that they have not acquired land without free, prior and informed consent of indigenous peoples, local communities or other users (refer to appendix 1).	No acquired land without free, prior and informed consent of indigenous peoples, local communities or other users within PERTANIAGA propose scope of certification. All plots either owned by smallholders themselves or lease from state government.	Complied			
Milestone B	For existing plots, smallholders can demonstrate that they have not acquired land without free, prior and informed consent of indigenous peoples, local communities or other users (refer to appendix 1).	No acquired land without free, prior and informed consent of indigenous peoples, local communities or other users within PERTANIAGA propose scope of certification. All plots either owned by smallholders themselves or lease from state government. Evidence of land title Ahmad Affandi bin Siraj Farmer ID# 0073-01-004 Land title No# H.S (M) 178/ MLO 257 Location: Parit Jambi	Complied			
		Hectarage: 1.034Ha Saiful Amrin bin Sudin Farmer ID#0075-01-004				

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Land title No# H.S.(M) 2184
Location : Sungai Punggor
Hectarage: 1.564Ha
Mahrof bin Osman
Farmer ID#0066-01-003
Land title No Lot#8156
Hectarage: 1.6668Ha
Rahmat Jemeran
Farmer ID# 0064-01-003
Land title Number: 6385
Hectarage: 1.1205Ha
Takirip Tahir
Farmer ID# 0210-01-004
Land title number 729
Hectarage: 1.398Ha
Anidah Salim
Farmer ID# 0190-01-004
Land title number: 4415
Hectarage: 0.5387Ha
Tiectarage: 0.550/Tia
Othman bin Teman
Othinan bili Teman

		Farmer ID# 0065-01-003	
		Land title number 10935	
		Hectarage: 0.7124Ha	
		Mohd Tajab bin Mohd Noor	
		Farmer ID# 0244-01-006	
		Land title LOT#1402	
		Hectarage: 1.396Ha	
		Noor Athirah binti Mohd Jaid	
		Farmer ID# 0231-001-005	
		Land title LOT1087	
		Hectarage: 1.9197Ha	
		Ramli bin Buang	
		Farmer ID# 0230-01-005	
		Land title PTD 9855	
		Hectarage: 1.562Ha	
Criteria 2	2		
	o use the land is not disputed by indigenous peoples, local communities o	or other users	
_			
Eligibility	Smallholders declare any existing disputes on the land commit to resolving said disputes and provide information on the current status of those disputes (if any) (refer to appendix 1).	Interviewed with the sampled ISH members found that no land dispute cases reported. Land title detailing on type of ownership freehold/leasehold and right to use the land was clearly stated. Demarcation of the boundary of land was sighted during field visit such	Complied



		as boundary stone and markers. Other physical demarcation such as trenches or frond staking was sighted along the boundary.					
Milestone A	There is an absence of disputes among indigenous peoples, local communities or other users, regarding land, resource-use and access rights; or where there is a dispute, dispute resolution processes are implemented, and the process is accepted by all parties involve	Interviewed with the sampled ISH members found that no land dispute cases reported. Land title detailing on type of ownership freehold/leasehold and right to use the land was clearly stated. Demarcation of the boundary of land was sighted during field visit such as boundary stone and markers. Other physical demarcation such as trenches or frond staking was sighted along the boundary.	Complied				
Milestone B	There is an absence of disputes among indigenous peoples, local communities or other users, regarding land, resource-use and access rights; or where there is a dispute, dispute resolution processes are implemented, and the process is accepted by all parties involve	Interviewed with the sampled ISH members found that no land dispute cases reported. Land title detailing on type of ownership freehold/leasehold and right to use the land was clearly stated. Demarcation of the boundary of land was sighted during field visit such as boundary stone and markers. Other physical demarcation such as trenches or frond staking was sighted along the boundary.	Complied				
	r plots are located outside of areas classified as national parks or prot	Criteria 2.4 Smallholder plots are located outside of areas classified as national parks or protected areas, as defined by national, regional or local law or as specified in N					
Eligibility							
3 . ,	Smallholder plots are located outside of areas classified as national parks or protected areas as defined by national, regional or local law, or as specified in National Interpretations (refer to appendix 1).	Verification through GPS location and KML Maps the ISH members plots were located outside of areas classified as national parks or protected areas. Verified during site visit, verified all the smallholders plot were located away from areas classified as national parks or protected areas.	Complied				



Milestone B	Smallholder plots are located outside of areas classified as national parks or protected areas as defined by national, regional or local law, or as specified in National Interpretations (refer to appendix 1).	Verification through GPS location and KML Maps the ISH members plots were located outside of areas classified as national parks or protected areas.	Complied
		Verified during site visit, verified all the smallholders plot were located away from areas classified as national parks or protected areas.	
Criteria 2.	5		
	anting, smallholders do not clear or acquire any land without obtaining thes and/or other users, based on a simplified FPIC approach.	ne free, prior and informed consent (FPIC), of indigenous people and/or l	ocal
Eligibility	For new oil palm planting, smallholders commit not to clear or acquire land from indigenous people, local communities, or other users without	Stated in the smallholder declaration, ref: PERTANIAGA00/2020/002 dated 25/06/2020;	Complied
	their free, prior and informed consent, based on a simplified FPIC approach (refer to appendix 1).	Para 4: Information on all plots converted and planted with oil palm after 2005 (through use of the simplified combined HCV-HCS approach for Smallholders). The smallholder declaration documents have been	
		Signed as acknowledgment by all the smallholder members and was available for verification. 2 Major NCs has been raised during the internal audit conducted on 16,17, and 19/06/2022 which found out that there is still pending for LUCA and HCV clearance. 4 th submission of RSPO done 13/06/2022 and actual report will be on 04/07/2022 as confirm by RSPO through email. For group 2, there is new planting done latest in year 2010.	
Milestone A	A Smallholders complete training on how to conduct a simplified FPIC approach	There are no plans for any new planting within the PERTANIAGA Smallholders Group.	Complied
Milestone B	Based on a simplified FPIC approach, smallholders jointly agree on a plan with the affected indigenous peoples and/or local communities and/or other rights holders, including vulnerable groups, for new oil palm developments, if these involve land-use change.	There are no plans for any new planting within the PERTANIAGA Smallholders Group.	Complied



Principle 3: Respect human rights, including workers' rights and conditions

Safeguard human rights and protect workers' rights, ensuring safe and decent working conditions.

Criteria 3.1

There is no use of forced labour.

Eligibility

Smallholders commit to no use of forced labour and ensure that any use of forced labour on the farm is terminated at Eligibility. They provide information on the source of labour on the farm, including family, contract and hired labour (refer to appendix 1).

The smallholders have received a Sustainable Management Guide for Palm Oil where it has included no forced labour into the guide. The smallholders are committed to no use of forced labour verified through interviewed with the smallholders and an agreement/declaration signed by the smallholders and Pertubuhan Tani Niaga Lestari Negeri Johor (PERTANIAGA). As stated in the agreement in clause number 7, that there is no discrimination, harassment and abuse in the farm. Sample of several smallholders taken and sighted the contract agreement that has been signed by both parties. Details of sample smallholder as below:

- a. Ramli bin Buang, 0230-01-005
- b. Mohd Noh bin Nasir, 0218-01-004
- c. Ramli bin Emon, 0176-01-003
- d. Hanizam Hamzah, 0253-001-005
- e. Siti Asri Bt Deri, ID#0059-01-002

The sampled smallholders are carried out the activity by themselves or engaged family members, causal workers or the dealer to provide labour for harvesting, manuring and spraying activity. No forced labour has been used in the farms verified through interviewed with the smallholders, casual worker and workers of dealer.

Based document review, site observation and interview with relevant smallholders, it was evident that the implementation was found to be in lined with declaration signed by the smallholders. Complied

Milestone A	Smallholders complete training on free and fair labour and implement measures to ensure that all work is voluntary, and the following practices are prohibited: Retention of identity documents including but not limited to passports; Payment of recruitment fees by workers; Contract substitution; Involuntary overtime; Lack of freedom of workers to resign; Penalty for termination of employment; Debt bondage; Withholding of wages	Communication of the RSPO policy conducted phase by phase depending on the availability of the smallholders. PERTANIAGA has carried out Social Training to the smallholders progressively to explain about forced labour, human rights, child labour and etc. Seen the training material and training record with name of smallholders conducted on 09-10/03/2022 conducted by CSS/Asia Business School. Interviewed with the smallholders confirmed that training was provided and they are aware on free and fair labour. The sampled smallholders are carried out the activity by themselves or engaged family members, causal workers or the dealer to provide labour for harvesting, manuring and spraying activity. No forced labour has been used in the farms verified through interviewed with the smallholders, casual worker and workers of dealer.	Complied
Milestone B	Workers on the farm, including their families, have unrestricted access to their identity documents, have freedom of movement and can declare that their employment is freely chosen.	SOPs maintained in the "PERTANIAGA Workers Registered SOP" describing the mechanism to register workers. Workers database has been verified by auditor and has been recorded in the document PERTANIAGA Workers Registered Database for group 1 and 2. Information of casual workers recorded base on the smallholders list include workers name, ID/passport number and training attended. As per site visit, it is found out that there is no permanent workers hired by the smallholder, which only casual workers appointed through the collection centre and salary payment advance done by CC payment will deduct through FFB payment. Sample of deduction of wages for casual workers sighted in the acceptance receipt "Acceptance receipt" dated 11/06/2022	Complied



	e not employed or exploited. Work by children is acceptable on family e not exposed to hazardous working conditions.	farms, under adult supervision and when not interfering with education	programmes.
Eligibility	 Smallholders are aware of what defines child labour and ensure that any child labour in the farm operations is terminated at Eligibility. Awareness of child labour and commitment to no child labour includes: 1. Compliance with the minimum age of workers and as defined by local, state, or national law, 2. Not exposing children to hazardous work. 3. Providing adult supervision of young people working on the farm. 4. Ensuring the practice of children's rights to education is unrestricted and respected. (Refer to appendix 1). 	Each individual smallholder needs to agreement with Pertubuhan Tani Niaga Lestari Negeri Johor (PERTANIAGA). Stated in clause in clause number 8, that there all smallholders need to ensure that there is no child labour working in the farm and to stop usage of child labour if any. Interviewed with smallholders found that they are aware of the risk of child labour and they are not allowed to engage child labour in the farms. Most of the workers engaged by the smallholders are own family members or dealer's workers. All the workers are above 18 years old. Based document review, site observation and interview with relevant smallholders, it was evident that the implementation was found to be in lined with declaration signed by the smallholders. PERTANIAGA has carried out Social Training to the smallholders progressively to explain about forced labour, human rights, child labour and etc. Seen the training material and training record with name of smallholders conducted on 14-15/05/2022 by conducted by CSS/Asia Business School.	Complied
Milestone A	 Group managers and smallholders implement measures to protect children as follows: 1. There are no workers on smallholder farms under the age of 15 or under the minimum age defined by local, state or national law, whichever is higher. 2. Children are only permitted to help on family farms and are not permitted to perform dangerous, hazardous or heavy work. 	Each individual smallholder needs to agreement with Pertubuhan Tani Niaga Lestari Negeri Johor (PERTANIAGA). Stated in clause in clause number 8, that there all smallholders need to ensure that there is no child labour working in the farm and to stop usage of child labour if any. As per site visit, there is no child labour has been used. Smallholders carried the activity by themselves, engage family member, casual workers or workers provided by the dealer.	Complied



Milestone	 If young workers are employed, their work is not mentally or physically harmful and does not interfere with their schooling, if applicable. Group managers and smallholders implement measures to protect 	Interviewed with smallholders found that they are aware of the risk of	Complied
В	 children as follows: There are no workers on smallholder farms under the age of 15 or under the minimum age defined by local, state or national law, whichever is higher. Children are only permitted to help on family farms and are not permitted to perform dangerous, hazardous or heavy work. If young workers are employed, their work is not mentally or physically harmful and does not interfere with their schooling, if applicable. 	child labour and they are not allowed to engage child labour in the farms. Most of the workers engaged by the smallholders are own family members or dealer's workers. All the workers are above 18 years old. Based document review, site observation and interview with relevant smallholders, it was evident that the implementation was found to be in lined with declaration signed by the smallholders.	Сотриса
Criteria 3. Workers' pa local regula	ay complies with minimum legal requirements, mandatory industry stand	lards as defined by national law or collective bargaining, whichever takes	priority in
Eligibility	Smallholders commit to pay workers according to minimum legal requirements or mandatory industry standards (Refer to appendix 1).	Smallholders carried the activity by themselves, engage family member, casual workers or workers provided by the dealer. Interviewed with the smallholders found that they have verbal mutual agreement with the family member, casual workers and dealer's workers on the rate of work. This has confirmed through interviewed with the casual worker and dealer's workers. The rate of work for spraying is RM 20/ acre and harvesting is RM 60 – 90/ MT.	Complied
		Based document review, site observation and interview with relevant smallholders, it was evident that the implementation was found to be in lined with declaration signed by the smallholders.	
Milestone A	Workers receive payments as expected and agreed in accordance with at least the legal minimum wage rate (excluding overtime premiums)	Interviewed with the casual worker and dealer's workers confirmed that they paid as per the agreed rate of work.	Complied



	and without discrimination against vulnerable groups, including women.	Reviewed the payslips for the dealer's workers confirmed that the workers were paid as per the Minimum Wage Order 2020 where the rate per day for daily rated workers is RM 60 – 90 depending on productivity of workers.	
Milestone B	Workers receive payments as expected and agreed in accordance with at least the legal minimum wage rate (excluding overtime premiums) and without discrimination against vulnerable groups including women.	Interviewed with the casual worker and dealer's workers confirmed that they paid as per the agreed rate of work. Reviewed the payslips for the dealer's workers confirmed that the workers were paid as per the Minimum Wage Order 2020 where the rate per day for daily rated workers is RM 60 – 90 depending on productivity of workers.	Complied
		productivity of workers.	
Criteria 3.			
Workers un	nderstand their rights and freedom to file a complaint/grievance to group	manager or relevant third parties, including RSPO.	
Eligibility	Smallholders commit to respect the rights of workers to file a complaint/grievance (Refer to appendix 1).	Each individual smallholder needs to agreement with Pertubuhan Tani Niaga Lestari Negeri Johor (PERTANIAGA). Stated in clause in clause number 5, that smallholders need to respect workers rights to lodge complaint. Details of sample smallholder as below a. Ramli bin Buang, 0230-01-005 b. Mohd Noh bin Nasir, 0218-01-004 c. Ramli bin Emon, 0176-01-003 d. Hanizam Hamzah, 0253-001-005 e. Siti Asri Bt Deri, ID#0059-01-002 Complaint procedure established in the document tatacara membuat aduan which outline the complaint process and respond.	Complied
Milestone A	Smallholders complete training on workers' rights to file a complaints/grievance and communicate to workers the means to file a complaint/grievance.	Labour and social training done on 14-15/05/2022 by Mr Saifulah Azahar and Pn Nazifah Rosland.	Complied

Milestone B	Workers are aware of and have access to an effective means for filing a complaint/grievance.	Smallholders carried the activity by themselves, engage family member, casual workers or workers provided by the dealer.										
Criteria 3.												
Working co	enditions and facilities are safe and meet minimum legal requirements.		_									
Eligibility	Smallholders commit to providing safe working conditions and facilities (Refer to appendix 1).	Signed smallholder's declarations (ref:PERTANIAGA00/20 were sighted and include the commitment to ensure provid working conditions and facilities. Verification with sampline nolder as per below:	ing safe									
		1) Farmer ID: 0088-01-0066, signed declaration dated 24/9/2	.020									
		2) Farmer ID: 0082-01-005, signed declaration dated 8/10/20	20									
		3) Farmer ID: 0085-01-006, signed declaration dated 24/9/20	20									
		4) Farmer ID: 0084-01-006, signed declaration dated 27/9/20	20									
		5) Farmer ID: 0124-01-002, signed declaration dated 8/3/202	.1									
		6) Farmer ID: 0139-01-002, signed declaration dated 30/5/2022 7) Farmer ID: 0142-01-002, signed declaration dated 1/9/2021 8) Farmer ID: 0143-01-002, signed declaration dated 14/5/2022										
								9) Farmer ID: 0257-01-008, signed declaration dated 6/1/202	2			
								10) Farmer ID: 0261-01-008, signed declaration dated 6/1/20	22			
		11) Farmer ID: 0267-01-008, signed declaration dated 10/1/2										
		12) Farmer ID: 0176-01-003, signed declaration dated 9/8/20										
		13) Farmer ID: 0199-01-004, signed declaration dated 7/7/20										
		14) Farmer ID: 0198-01-004, signed declaration dated 22/9/2	.021									
Milestone A	Smallholders, workers, and family members complete training and aware of health and safety risks associated with farm work, (including	Training Safety and Health – 9-10/3/2022 (Pinetree Marina crainer – Asia School of Business/CSS	Resort), Complied									
	that of pesticide use) and how to mitigate them	Farmer ID Date of Training Training/Topic/Module										

	I	
0088-01-0066	14-15/5/2022	Part I & II
		Economic and sustainability
		Risk and assessment
		Pest and disease + IPM
		Best Practices (Weed Management, Manuring, busines and financial management) Environmental (HCV, water management, peat management, replanting and waste management) Social and welfare (community engagement, Safety Plan)
0082-01-005	14-15/5/2022	Part I & II
		Economic and sustainability
		Risk and assessment
		Pest and disease + IPM
		Best Practices (Weed Management, Manuring, busines and financial management)
		Environmental (HCV, water management, peat management, replanting and waste management)
		Social and welfare (community engagement, Safety Plan)

	1	
0085-01-006	14-15/5/2022	Part I & II
		Economic and sustainability
		Risk and assessment
		Pest and disease + IPM
		Best Practices (Weed Management, Manuring, busines and financial management) Environmental (HCV, water management, peat management, replanting and waste management) Social and welfare (community engagement, Safety Plan)
0084-01-006	25/5/2022 &	Part I & II
	2/6/2022	Economic and sustainability
		Risk and assessment
		Pest and disease + IPM
		Best Practices (Weed Management, Manuring, busines and financial management) Environmental (HCV, water
		management, peat management, replanting and waste management)
		Social and welfare (community engagement, Safety Plan)

II		
0124-01-002	9-10/3/2022 &	Part I & II
	14-15/3/2022	Economic and sustainability
		Risk and assessment
		Pest and disease + IPM
		Best Practices (Weed Management, Manuring, busines and financial management)
		Environmental (HCV, water management, peat management, replanting and waste management)
		Social and welfare (community engagement, Safety Plan)
0139-01-002	25/5/2022 &	Part I & II
	2/6/2022	Economic and sustainability
		Risk and assessment
		Pest and disease + IPM
		Best Practices (Weed Management, Manuring, busines and financial management)
		Environmental (HCV, water management, peat management, replanting and
		waste management)
		Social and welfare (community engagement, Safety Plan)

0142-01-002	25/5/2022 & 2/6/2022	Part I & II Economic and sustainability Risk and assessment Pest and disease + IPM Best Practices (Weed Management, Manuring, busines and financial management)
		Environmental (HCV, water management, peat management, replanting and waste management) Social and welfare (community engagement, Safety Plan)
0143-01-002	9-10/3/2022	Part I & II Economic and sustainability Risk and assessment Pest and disease + IPM Best Practices (Weed Management, Manuring, busines and financial management) Environmental (HCV, water management, peat management, replanting and
		waste management) Social and welfare (community engagement, Safety Plan)

0257- 01-008	9-10/3/2022 &	Part I & II
	14-15/3/2022	Economic and sustainability
		Risk and assessment
		Pest and disease + IPM
		Best Practices (Weed Management, Manuring, busines and financial management)
		Environmental (HCV, water management, peat management, replanting and waste management)
		Social and welfare (community engagement, Safety Plan)
0257-01-008	9-10/3/2022 &	Part I & II
	14-15/3/2022	Economic and sustainability
		Risk and assessment
		Pest and disease + IPM
		Best Practices (Weed Management, Manuring, busines and financial management)
		Environmental (HCV, water management, peat management, replanting and waste management)
		Social and welfare (community engagement, Safety Plan)

0261-01-008	9-10/3/2022 &	Part I & II
	14-15/3/2022	Economic and sustainability
		Risk and assessment
		Pest and disease + IPM
		Best Practices (Weed Management, Manuring,
		busines and financial
		management)
		Environmental (HCV, water
		management, peat
		management, replanting and
		waste management)
		Social and welfare (community
		engagement, Safety Plan)
0267-01-008	9-10/3/2022 &	Part I & II
	14-15/3/2022	Economic and sustainability
		Risk and assessment
		Pest and disease + IPM
		Best Practices (Weed
		waste management)
		engagement, Safety Plan)
		Management, Manuring, busines and financial management) Environmental (HCV, water management, peat management, replanting and waste management) Social and welfare (community

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0176-01-003	25/5/2022 & 2/6/2022	Part I & II Economic and sustainability Risk and assessment Pest and disease + IPM Best Practices (Weed Management, Manuring, busines and financial
		management) Environmental (HCV, water management, peat management, replanting and waste management) Social and welfare (community engagement, Safety Plan)
0199-01-004	25/5/2022 & 2/6/2022	Part I & II Economic and sustainability Risk and assessment Pest and disease + IPM Best Practices (Weed Management, Manuring, busines and financial management) Environmental (HCV, water management, peat management, replanting and waste management) Social and welfare (community engagement, Safety Plan)

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Milestone B	Workers, including smallholder family members, have access to safe working conditions and amenities that include: Safe and adequate housing, where applicable, Access to basic first aid supplies Health and safety equipment, including minimum personal protective equipment (PPE) if appropriate for the type of work. Access to toilets	this verified as princluded first aid water. Either the themselves, apprinterview. PPE g PPE for harvestin - Safety helmet,	per interview with sall supplies, personal efield works are dore or operate PPE shall uideline for each acong glove and boots	Part I & II Economic and sustainability Risk and assessment Pest and disease + IPM Best Practices (Weed Management, Manuring, busines and financial management) Environmental (HCV, water management, peat management, replanting and waste management) Social and welfare (community engagement, Safety Plan) working condition and amenities, ampling smallholder. This amenity protective equipment and have a ne by casual workers or by the ISH be worn as explained through trivity as per the following:	Non- compliance
	 Access to basic first aid supplies Health and safety equipment, including minimum personal protective equipment (PPE) if appropriate for the type of work. Access to toilets 	water. Either the themselves, app interview. PPE g PPE for harvestin	e field works are dor propriate PPE shall uideline for each ac ng glove and boots	ne by casual workers or by the ISH be worn as explained through	
		- Respirator, apr	on, nitrile glove, lo , rubber boots/welli	ing pants, safety helmet, goggles, ington	
			ron, nitrile glove, lo , rubber boots/welli	ing pants, safety helmet, goggles, ington	

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		Understanding and access of first aid supplies have to be further improved based on 14 ISH sampled at visited plots. Furthermore, firs t aid box sampled at smallholder #15 (farmer's ID: 0084-01-006), a few expired items: hand plaster, expired date: 06/20, iodine: 7/21 and or al medication: paracetamol, painkillers were kept in the box. Thus, a major NC was raised.	
Criteria 3. There is no	discrimination, harassment, or abuse on the farm.		
Eligibility	Smallholders commit to no discrimination, harassment or abuse on the farm (Refer to appendix 1).	Each individual smallholder needs to agreement with Pertubuhan Tani Niaga Lestari Negeri Johor (PERTANIAGA). Stated in clause in clause number 7, that there is no discrimination, harassment and abuse in the farm. Sample of several smallholders taken and sighted the contract agreement that has been signed by both parties. Details of sample smallholder as below a. Ramli bin Buang, 0230-01-005 b. Mohd Noh bin Nasir, 0218-01-004 c. Ramli bin Emon, 0176-01-003 d. Hanizam Hamzah, 0253-001-005 e. Siti Asri Bt Deri, ID#0059-01-002	Complied
Milestone A	Smallholders complete training on workplace discrimination, harassment and abuse and are aware of need for a safe workspace.	Labour and social training done on 14-15/05/2022 by Mr Saifulah Azahar and Pn Nazifah Rosland.	Complied
Milestone B	Workers freely express that they are working in a place that is free from discrimination, harassment or abuse.	Interviewed with the casual worker and dealer's workers confirmed that they are working in a place that is free from discrimination, harassment or abuse	Complied
Principle 4	4: Protect, conserve and enhance ecosystems and the environme	ent	



Protect the environment, conserve biodiversity, enhance ecosystems and ensure sustainable management of natural resources.

Preamble

High Conservation Value (HCVs) and High Carbon Stock (HCS) forests

This Independent Smallholder Standard is pursuing the objective of the RSPO Smallholder Strategy to increase smallholder inclusion, prioritise improved practices which also benefit smallholder livelihoods, whilst also upholding the core sustainability requirements. This includes the protection of areas of HCV and HCS forests. The RSPO has developed a simplified HCV methodology for identifying, protecting and managing HCVs that provides guidance for both existing and new planting (see here).

Aligned with the new HCS requirements in the RSPO 2018 P&Cs, the RSPO, in consultation with the HCSA Steering Group, intends to develop a simplified combined HCV-HCS approach to identify and protect HCS forests. The simplified and combined HCV-HCS approach for independent smallholders will be open to public consultation and will be published no later than November 2020.

In the meantime, independent smallholders are not allowed to clear any primary forests or any areas required to protect or enhance HCVs and HCS forests, as committed by signing the Smallholder Declaration. Until the simplified combined HCV-HCS approach and tool for independent smallholders is available, new plantings will only be permitted in low risk areas. The definition and procedure for identification of low risk areas will be defined by a Smallholder No Deforestation Task Force.

Remediation and Compensation Procedure (RaCP)

Remediation and compensation are required for any clearance since November 2005 without prior HCV assessment (see criterion 4.2) and any clearance since November 2019 without prior HCS assessment.

The requirements as outlined in the RaCP (2015) is not fully applicable for independent smallholders. For independent smallholders, this RSPO ISH Standard is focused on developing an appropriate RaCP mechanism such as on-site remediation (with funding mechanisms to be determined) as this is contextually appropriate to the scale of independent smallholder production and enables independent smallholders to maximise positive environmental impact on-site. The requirement means that quantified liability is disclosed and assessed through a land use change analysis (LUCA) supported by the RSPO Secretariat.

Criteria 4.1

High Conservation Values (HCVs) on the smallholder plot or within the managed area and High Carbon Stock (HCS) forests identified after November 2019 using the simplified combined HCV-HCS approach, are managed to ensure that they are maintained and/or enhanced.

Eligibility	Smallholders commit to protect HCVs and HCS forests through the precautionary practices approach (Refer to appendix 1).	The commitment to protect HCVs and HCS forests from the members is demonstrated in the signed ISH members declaration.	Complied
Milestone	Smallholders complete training on and are aware of:	The members have completed training on the importance of	Complied
A	The importance of maintaining and conserving HCVs and HCS	maintaining and conserving HCVs and HCS forests, human-wildlife	

	forests • Human-wildlife conflict; and • Rare, threatened and endangered species and important ecosystems.	conflict and rare, threatened and endangered species and important ecosystems. Detail of training is described in Criteria A.2.3.	
Milestone B	Smallholders implement precautionary practices and manage and maintain rare, threatened and endangered species, HCVs and HCS forests, where applicable	HCV assessment was internally done on 01/06-30/09/2020 by PERTANIAGA using RSPO's simplified method. Findings: 1) 23.08% (30 farms, 44.783 ha) located on peat soil 2) 1 farm is potential located at swamp area 3) Absence of primary forest and other HCVs e.g. HCV 1, 2,3,5,6 Assessment approaches are desktop review and field assessment. Desktop review is to capture most important features obtained via spatial data that may indicate the presence of HCV. Both approaches, methods used as follows: - Basic information and location are obtained from the dealerships and farmers - Maps: smallholdings, watersheds, protected areas, land cover - Any available data and reports on fauna and flora present in the landscape - The landscape-level areas are defined by 50 km buffer, whose centre is a spatial average between the GPS points of all 10 location centres. The single landscape-level buffer zone contained all the dealerships and their suppliers Stakeholders engaged: 1) MPOB Parit Raja 2) MPOB Pontian 3) Head of village in Batu Pahat 4) Head of village in Pontian	Complied



- 5) Land & survey dept. in Rengit
- 6) Land & survey dept in Batu Pahat
- 7) Land & survey dept in Pontian
- 8) Labour dept in Batu Pahat
- 9) DID Batu Pahat
- 10) DID Pontian Results & findings:
- Based on RSPO definition (i.e. present, potential & absent), all classified as absent or no HCV present. 23.08% of the planted areas are on peat

HCV-HCS assessment for the new inclusion of 214 numbers of ISH which consist of 223.87 ha was carried out on 24/1/2022 to 27/5/2022. Report dated 10/6/2022 was available for verification. Total of 223.87 ha of new plots were assessed.

Stakeholder consulted

- MPOB (28/9/20)
- Dealers CC (11/5/21)
- SWM Env Sdn Bhd (8/5/21)
- Penghulu Batu Pahat & Pontian (11/5/21)
- Jabatan Perhilitan (25/5/21)
- DID Pontian (7/6/22)

Result of assessment; HCV 4 (present) - 30 plots of SH farm on peat soil and 1 plot at swamp area.

Criteria 4.2

Where the existing smallholder plot has been planted and cleared after November 2005 or is on an area identified as HCS forests after November 2019 up to the eligibility period, a RaCP process appropriate for smallholders based on Land Use Change Analysis (LUCA) will be applicable (reference preamble).



Eligibility	Smallholders provide information on all smallholder plots converted and planted with oil palm after 2005, through use of the simplified combined HCV- HCS approach for Smallholders (Refer to appendix 1).	For existing smallholders, a Land Use Change Analysis (LUCA) was conducted by a consultant and report dated 07/04/2021 was available for verification. The LUCA was performed on all smallholdings area where there was non-compliant land clearance i.e., land clearing after November 2005 without prior HCV assessment as reported Disclosure Form to RSPO.	Complied
		For the new inclusion of smallholders, coordinate map provided under map submission for 214 ISH dated 10/6/2022. LUCA has yet to be approved by RSPO.	
Milestone A	Group members develop a plan to identify the maximum area for onsite remediation of HCVs lost since 2005 and HCS forests lost since November 2019, through a participatory process and the plan is submitted to RSPO.	For the new inclusion of 214 smallholders; i) No identified area for remediation available for verification as LUCA map submission for 214 ISH dated 10/6/2022 has yet to be approved by RSPO. ii) No approved remediation plan for verification as LUCA map submis sion for 214 ISH dated 10/6/2022 has yet to be approved by RSPO. Thus, a major NC was issued.	Non- compliance
Milestone B	An RSPO-approved plan to remediate for HCVs lost since 2005 and HCS forests lost since November 2019 is implemented.	For the new inclusion of 214 smallholders; i) No identified area for remediation available for verification as LUCA map submission for 214 ISH dated 10/6/2022 has yet to be approved by RSPO. ii) No approved remediation plan for verification as LUCA map submis sion for 214 ISH dated 10/6/2022 has yet to be approved by RSPO. Thus, a major NC was issued.	Non- compliance

Criteria 4.3

New planting of independent smallholders, since November 2019:

- Do not replace any HCVs
- Do not replace any HCS forests as defined by the simplified combined HCV-HCS approach

• Ar	e not on peat areas of any depth.						
Eligibility	Smallholders provide information on all planned new plantings and commit that no new planting are on HCVs or HCS forests, on steep slopes (more than 25 degrees or as in the National Interpretation) or on peat (Refer to appendix 1).	NA as the	NA as the group members have no plan for new planting				Not Applicable
Milestone A	Before any land preparation commences, group members develop an integrated management plan through a participatory approach to maintain or enhance HCVs as well as HCS forests identified after November 2019, as identified by the simplified combined HCV and HCS approach, before any land preparation commences	NA as the	NA as the group members have no plan for new planting				Not Applicable
Milestone B	Smallholders have an RSPO approved integrated management plan for their planned new planting and share a notice of this plan with those involved in the participatory mapping before any land preparation commences.	NA as the group members have no plan for new planting				Not Applicable	
Criteria 4 Where sma	.4 allholder plots exist on peat, subsidence and degradation of peat soils is r	ninimised	by use of best ma	anagement practi	ces.		
Eligibility	Group manager confirms presence of peat on existing plots within the group and smallholders on peat commit to using best management practices (BMPs), and minimizing subsidence and degradation of peat soils (Refer to appendix 1).	ut UiTM, Faculty Plantation Industry Management and Agrotechnology					Complied
			Types of soil	Registered area	Planted area.		
			Peat	46.1456	44.9582		
			Mineral	111.2805	106.4001		



		Now smallholder	New smallholder			
		New Smallholder	Types of soil	Registered area		
			Peat	81.22		
			Mineral	142.65		
					in the document soil either mineral	
Milestone A	Smallholders complete training on best management practices (BMPs) for peat. The group has an action plan to minimize risk of fire, to apply BMPs for plantings on peat and manage water systems in the certification unit.	Training for BMPs 15/05/2022	Training for BMPs for peat done by Dr Nur Qursyna Boll Kassim on 14-15/05/2022			Complied
		land managemen Total 10 plan ha timeframe and da	at planning for the as been outlined ate of implement	year 2020 to 202 with information ation. Discussion	ne document "Peat 25 (Group 1 RISS). In such as details, has been done by and Dr Qurshina,	
Milestone B	Smallholders implement the group's action plan based on BMPs, including fire and water management, and monitoring of subsidence rate for existing planting on peat.	the management on 07/06/2022, s	plan, such as mite visit soil samp	eeting with Jabat ling on 11/1/2021	s been remarks in an Air dan saliran and meeting with of Plantation and	Complied
Criteria 4.	.5 eat are replanted only on areas with low risk of flooding or saline intrusion	n as demonstrated	by a risk assessn	nent.		
Eligibility	Smallholders commit to provide information on all plans for replanting and commit that replanting will only be in areas with	Each individual sr	mallholder needs	to agreement wit	h Pertubuhan Tani in clause in clause	Complied

	low risk of flooding or saline intrusion (Refer to appendix 1).	number 12, that all smallholder commits not to do new planting and replanting only been done in areas with low risk of flooding or saline intrusion.	
		Sample of agreement as per below	
		a) Ahmad Affandi bin Siraj	
		Farmer ID# 0073-01-004	
		b) Saiful Amrin bin Sudin	
		Farmer ID#0075-01-004	
		c) Mahrof bin Osman	
		Farmer ID#0066-01-003	
		d) Rahmat Jemeran	
		Farmer ID# 0064-01-003	
		e) Takirip Tahir	
		Farmer ID# 0210-01-004	
		f) Anidah Salim	
		Farmer ID# 0190-01-004	
		g) Othman bin Teman	
		Farmer ID# 0065-01-003	
		h) Mohd Tajab bin Mohd Noor	
		Farmer ID# 0244-01-006	
		i) Noor Athirah binti Mohd Jaid	
		Farmer ID# 0231-001-005	
		j) Ramli bin Buang	
		Farmer ID# 0230-01-005	
Milestone A	Smallholders with plots on peat complete training on identification of future risks of flooding or saline intrusion and alternate land	Training for BMPs for peat done by Dr Nur Qursyna Boll Kassim on 14-15/05/2022	Complied



Prior to replanting on peat smallholders complete a risk		
assessment related to flooding or saline intrusion and, where there is high risk, present a plan that includes alternate land development strategies, referencing alternative livelihood planning.	Not applicable since there is no replanting has been planned for the next 5 years.	Complied
ed on the oil palm plot for preparing land or for pest control, nor open	fire for waste management on the farm.	
Smallholders commit to no burning for preparing land or for pest control, nor open fire for waste management. Group manager records evidence of prior burning of members joining the group (Refer to appendix 1).	Based on site visit at the sampled ISH members, there was no use of fires for wastes management or pest control observed. The commitment is also demonstrated through the signing of the smallholder declaration.	Complied
There is no physical evidence of new burning (after eligibility) for land preparation for oil palm by smallholders. Smallholders complete training on and are aware of: • Alternatives to fire for land preparation and farm waste management (where appropriate possible). • Alternatives to fire for pest control. • Fire prevention and how to respond to and manage fires in their plots.	Based on site visit at the sampled ISH members, there was no use of fires for wastes management or pest control observed. The commitment is also demonstrated through the signing of the smallholder declaration. The members have completed training on alternatives to fire in land preparation, waste management, pest, control and fire prevention. Training detail is described in Criteria A.2.3.	Complied
Smallholders do not use fire or practice burning for land preparation, waste management or pest control on the farm. For pest control, fire may be used only in exceptional circumstances i.e. where no other effective measures exist and with prior approval of relevant authority.	Based on site visit at the sampled ISH members, there was no use of fires for wastes management or pest control observed. The commitment is also demonstrated through the signing of the smallholder declaration.	Complied
T pr	there is high risk, present a plan that includes alternate land development strategies, referencing alternative livelihood planning. Ed on the oil palm plot for preparing land or for pest control, nor open smallholders commit to no burning for preparing land or for pest control, nor open fire for waste management. Group manager records vidence of prior burning of members joining the group (Refer to ppendix 1). There is no physical evidence of new burning (after eligibility) for land preparation for oil palm by smallholders. Smallholders complete raining on and are aware of: Alternatives to fire for land preparation and farm waste management (where appropriate possible). Alternatives to fire for pest control. Fire prevention and how to respond to and manage fires in their plots. Imallholders do not use fire or practice burning for land preparation, waste management or pest control on the farm. For pest control, fire may be used only in exceptional circumstances i.e. where no other	there is high risk, present a plan that includes alternate land development strategies, referencing alternative livelihood planning. And on the oil palm plot for preparing land or for pest control, nor open fire for waste management on the farm. Based on site visit at the sampled ISH members, there was no use of office for wastes management or pest control observed. The commitment is also demonstrated through the signing of the smallholder declaration. Based on site visit at the sampled ISH members, there was no use of fires for wastes management or pest control observed. The commitment is also demonstrated through the signing of the smallholder declaration. Based on site visit at the sampled ISH members, there was no use of fires for wastes management or pest control observed. The commitment is also demonstrated through the signing of the smallholder declaration. The members have completed training on and are aware of: Alternatives to fire for land preparation and farm waste management (where appropriate possible). Alternatives to fire for pest control. Fire prevention and how to respond to and manage fires in their plots. Fire prevention and how to respond to and manage fires in their plots. Based on site visit at the sampled ISH members, there was no use of fires for wastes management or pest control observed. The commitment is also demonstrated through the signing of the fires for wastes management or pest control observed. The commitment is also demonstrated through the signing of the fires for wastes management or pest control observed. The commitment is also demonstrated through the signing of the fires for wastes management or pest control observed. The commitment is also demonstrated through the signing of the fires for wastes management or pest control observed. The commitment is also demonstrated through the signing of the fires for wastes management or pest control observed. The commitment is also demonstrated through the signing of the fires for wastes management or pest control observed.

Eligibility	Group manager identifies riparian buffer zones within the group and smallholders commit to no new planting in riparian zones (Refer to appendix 1).	There was no river crossing or adjacent to any of the sampled farms. This was identified through community mapping and site visits. The ISH members are also committed to no new planting or no expansion of existing farms in riparian areas by singing the Smallholder Declaration. This condition is stated under Clause D.11 of the declaration.			Complied	
Milestone A	Smallholders complete training on and are aware of riparian buffer zone management, and the group has an action plan to maintain and/or enhance riparian buffer zones.	management. Detail of interview with the s	The members have completed training on riparian buffer zone management. Detail of training is described in Criteria A.2.3. Based on interview with the sampled members, the awareness on river conservation was good.			
Milestone B	Smallholders maintain and/or enhance riparian buffer zone areas.	There was no river crossing or adjacent to any of the sampled farms. This was identified through community mapping and site visits.			Complied	
Pesticides a	Smallholders commit to phase out paraquat and pesticides categorized as WHO Class 1A or 1B and those listed by the Stockholm or Rotterdam Conventions by: • Immediately stopping purchasing of these pesticides	The smallholders signed and pesticides categori	d a declaration to comm zed as WHO Class 1A o rdam Convention as pe	it to phase out paraquat r 1B and those listed by r pesticide usage record	Complied	
	Phasing out use of remaining stock by MS A	Smallholders ID				
	Providing information for the group manager to keep record of pesticide purchase and use. (Refer to appendix 1)	17. 0055-02-002 18. 0067-01-003 19. 0066-01-003 20. 0068-01-003 21. 0064-01-003 22. 0182-01-003	23. 0174-01-003 24. 0098-01-007 25. 0096-01-007 26. 0092-01-007 27. 0282-01-010 28. 0306-01-012	29. 0106-02-001 30. 0210-01-004 31. 0020-01-001 32. 0190-01-004		



Milestone A	Smallholders complete training on BMPs for pesticides including pesticide usage, awareness on risks for pregnant and breastfeeding women and young workers; storage and disposal; paraquat and pesticides listed by WHO Class 1A or 1B, the Stockholm or Rotterdam Conventions (and in compliance with 3.5).	As per record of training BMP for pesticide included pregnant and breastfe disposal; paraquat and smallholder under PER stated no forced labor working with chemical below:	Complied		
		Smallholders ID			
		1. 0055-02-002 2. 0067-01-003	7. 0174-01-003 8. 0098-01-007	13. 0106-02-001 14. 0210-01-004	
		3. 0066-01-003	9. 0096-01-007	15. 0020-01-001	
		4. 0068-01-003	10. 0092-01-007	16. 0190-01-004	
		5. 0064-01-003	11. 0282-01-010		
		6. 0182-01-003	12. 0306-01-012		
Milestone B	Smallholders implement BMPS for all pesticide use, including prohibiting use of pesticides by pregnant and breastfeeding women and young workers, and exclusion of paraquat and pesticides that are categorized as WHO Class 1A or 1B, or those listed by the Stockholm or Rotterdam Conventions, unless when authorized by relevant authorities for pest outbreaks.	using casual male work pesticide use. They ave and breastfeeding wo paraquat and pesticide	erification at site with sar kers and no female or ch ware prohibiting use of omen and young worke es that are categorized a Stockholm or Rotterdam	pesticides by pregnant ers, and exclusion of as WHO Class 1A or 1B,	Complied
	9 and smallholders manage pests, diseases, weeds and invasive introduction (IPM) techniques.	ted species using appro	priate techniques, inclu	ding but not limited to I	ntegrated Pest
Eligibility	Not applicable	Not applicable			Not Applicable

Milestone A	Smallholders complete training on and are aware of BMPs, including, but not limited to safe chemical use, IPM, weed and invasive species management.	PERTANIAGA has established training plan for all the ISH members documented in the PERTANIAGA Timeline FY 2021 – FY 2025. The training conducted covers best management practice, sustainability, safety and health, environment and HCV, social and labour and financial.	Complied
		Reviewed the training attendance, training material and training reports for training conducted FY 2022.	
		For training on record keeping for production, including inputs and yields, transactions, and variety, reviewed the training material and attendance records for training entitled conducted on 14 and 15/05/2022 and Small-Scale Training RISS Group 1 and 2 dated 25/05/2022 till 02/06/2022. The training includes:	
		1. Farm Financial Records	
		2. Production and Expenses records	
		3. Environment and HCV	
		4. Peat Management	
		5. Water Management	
		6. Replanting	
		7. Labour and Social	
		8. Safety and Health	
		Training was given by Lecturer from UITM, Agronomist from Yara International Malaysia, and from CSS Primary who are experts in their own field.	
		Noted during interview with the sampled smallholders, their understanding on the training on BMP's was satisfactory.	
Milestone B	The group and smallholders maximize use of IPM approaches to minimize use of pesticides and herbicides on their farm.	The group manager continuously give awareness to smallholders. Reviewed the training material and attendance records for training	Complied

		conducted on 14 and 15/05/2022 and Small-Scale Training RISS Group 1 and 2 dated 25/05/2022 till 02/06/2022.	
		During site verification, some smallholder was using manual grass cutting for weed control and reduce the chemical usage in field. The other sample using weaver ant to control bagworm in field. They also conducted weeding base on weather conditions to ensure minimum chemicals waste. This verified as per interview with sampled smallholders.	
Internal	Control System requirements for smallholder groups.		
A – ICS: (Group entity and group management requirements		
A.1 The G	Group demonstrates that they are legally formed.		
A.1.1			
Eligibility	The Group has appointed a group manager	Mr. Mohd. Faridz B. Harith was appointed as the Group Manager.	Complied
		Appointment process started from <i>Mesyuarat Pertubuhan Tani Niaga Lestari Negeri Johor</i> , conducted on 17/02/2020, attended by 13 members of PERTANIAGA and 5 from advisory body (CSS – Centre of Sustainable Small owners), chaired by Mohd Faridz. Under Agenda 3.2, appointment was from discussion and agreement amongst the members.	
		Appointment letter [ref.: PERTANIAGA01/2020/001] dated 26/05/2020 from PERTANIAGA, signed by the Chairman of PERTANIAGA, Mr. Ahsan B. Muslim.	
Milestone	The Group has appointed a group manager	Mr. Mohd. Faridz B. Harith was appointed as the Group Manager.	Complied
A		Appointment process started from <i>Mesyuarat Pertubuhan Tani Niaga Lestari Negeri Johor</i> , conducted on 17/02/2020, attended by 13 members of PERTANIAGA and 5 from advisory body (CSS – Centre of Sustainable Small owners), chaired by Mohd Faridz. Under Agenda 3.2,	

		appointment was from discussion and agreement amongst the members. Appointment letter [ref.: PERTANIAGA01/2020/001] dated 26/05/2020 from PERTANIAGA, signed by the Chairman of PERTANIAGA, Mr. Ahsan B. Muslim.	
Milestone B	The Group has appointed a group manager	Mr. Mohd. Faridz B. Harith was appointed as the Group Manager. Appointment process started from <i>Mesyuarat Pertubuhan Tani Niaga Lestari Negeri Johor</i> , conducted on 17/02/2020, attended by 13 members of PERTANIAGA and 5 from advisory body (CSS – Centre of Sustainable Small owners), chaired by Mohd Faridz. Under Agenda 3.2, appointment was from discussion and agreement amongst the members.	Complied
		Appointment letter [ref.: PERTANIAGA01/2020/001] dated 26/05/2020 from PERTANIAGA, signed by the Chairman of PERTANIAGA, Mr. Ahsan B. Muslim.	
A.1.2			
Eligibility	The group manager has evidence of legal identity.	PERTANIAGA is registered under the Registrar of Society Malaysia (ROS) and has conducted its first General Meeting on 30/06/2020. Registration No.: PPM-001-01-26052020 Date of registration: 26/05/2020 The status of registration can be viewed at https://www.ros.gov.my/index.php?id=2&page_id=19 The certificate of registration is kept by the general secretary at PERTANIAGA office at UTHM.	Complied
Milestone A	The group manager has evidence of legal identity.	PERTANIAGA is registered under the Registrar of Society Malaysia (ROS) and has conducted its first General Meeting on 30/06/2020. Registration No.: PPM-001-01-26052020	Complied

		Date of registration: 26/05/2020 The status of registration can be viewed at https://www.ros.gov.my/index.php?id=2&page_id=19 The certificate of registration is kept by the general secretary at PERTANIAGA office at UTHM.	
Milestone B	The group manager has evidence of legal identity.	PERTANIAGA is registered under the Registrar of Society Malaysia (ROS) and has conducted its first General Meeting on 30/06/2020. Registration No.: PPM-001-01-26052020 Date of registration: 26/05/2020 The status of registration can be viewed at https://www.ros.gov.my/index.php?id=2&page_id=19 The certificate of registration is kept by the general secretary at PERTANIAGA office at UTHM.	Complied
A1.3			
Eligibility	The group has membership requirements.	PERTANIAGA has stated its membership requirements in its membership application form such as have a land title, no force labor and no record of land conflict, followed as per legal and requirement and others.	Complied
		Generally, the requirements are to commit to smallholder declaration which basically consists of commitment to comply with legal requirements, conform to RSPO ISH Standard, and comply with PERTANIAGA policies and terms & conditions.	
		Evaluation to member as per membership requirement conducted during internal audit for smallholder group. Latest conducted on 16,17 & 17/6/2022, this audit conducted by ASB (Asia School of Business) and CSS (Centre for Sustainable Small-Owners).	



Milestone A	The group has membership requirements.	PERTANIAGA has stated its membership requirements in its membership application form such as have a land title, no force labor and no record of land conflict, followed as per legal and requirement and others.	Complied
		Generally, the requirements are to commit to smallholder declaration which basically consists of commitment to comply with legal requirements, conform to RSPO ISH Standard, and comply with PERTANIAGA policies and terms & conditions.	
		Evaluation to member as per membership requirement conducted during internal audit for smallholder group. Latest conducted on 16,17 & 17/6/2022, this audit conducted by ASB (Asia School of Business) and CSS (Centre for Sustainable Small-Owners).	
Milestone B	The group has membership requirements.	PERTANIAGA has stated its membership requirements in its membership application form such as have a land title, no force labor and no record of land conflict, followed as per legal and requirement and others.	Complied
		Generally, the requirements are to commit to smallholder declaration which basically consists of commitment to comply with legal requirements, conform to RSPO ISH Standard, and comply with PERTANIAGA policies and terms & conditions.	
		Evaluation to member as per membership requirement conducted during internal audit for smallholder group. Latest conducted on 16,17 & 17/6/2022, this audit conducted by ASB (Asia School of Business) and CSS (Centre for Sustainable Small-Owners).	
A.1.4			
Eligibility	All members have signed and acknowledged membership requirements.	Verification of the smallholder declaration showed that the members have signed and acknowledged the membership requirements. The declarations were kept in member's individual file.	Complied

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		Sample as per below: -	
		0182-01-003 (9/8/2021)	
		0055-02-002 (27/12/2019)	
		0059-01-002 (8/2/2021)	
		0060-01-002 (13/3/2021)	
		0075-01-004 (4/9/2021)	
		0210-01-004 (7/7/2021)	
		0225-01-005 (14/6/2022)	
		0231-01-005 (13/6/2022)	
		0282-01-010 (17/6/2022)	
		0267-01-008 (10/1/2022)	
Milestone A	All members can demonstrate understanding of membership requirements.	Based on interview with the sampled members, it was observed that the members were able to give good understanding of the membership requirements.	Complied
Milestone B	All members can demonstrate understanding of membership requirements.	Based on interview with the sampled members, it was observed that the members were able to give good understanding of the membership requirements.	Complied
A.2 The G	roup Manager is responsible for managing the Group for certific	ation.	
A.2.1			
Eligibility	The group manager has planned for the implementation of the ICS.	The Group Manager has addressed the plan to implement ICS in PERTANIAGA business plan. Among the goals are:	Complied
		- to train and provide members in improving & maintaining sustainability in oil palm planting and other related activities	
		- to safeguard the welfare of its members in carrying out sustainable & related oil palm cultivation activities	

		- to encourage its members to participate in initiatives or programmes organised by the government and the private sector such as RSPO, replanting assistance, fertiliser subsidy, MSPO certification and others to improve living standards members of the PERTANIAGA - to organise seminars, forums, training programs and study visit for	
		the development of its members - to collaborate with government agencies and statutory bodies that are beneficial to oil palm ISHF and suppliers of FFB especially in economic, social, and technological improvement	
		- to carry out activities that are legally valid and that are deemed necessary to achieve and accelerate all or part of the above goals to achieve both vision and mission of PERTANIAGA	
		LEFA (Learning Farm) been established to give awareness to smallholder.	
		The time lined was available from financial year 2020 until financial year 2025. To date the group manager already complied until Financial year 2022 where registration of Group 2 as per plan.	
		The planning been reviewed by monthly during management review meeting to update the plan status. Latest review was on 20/5/2022 at Parit Bakong, Senggarang (Minit Mesyuarat Bil. 4 2022).	
Milestone A	The group manager can demonstrate compliance of the ICS by individual members.	Compliance to ICS by individual members is evaluated by the Group Manager through field visits. During the visit, the Group Manager conducts the field inspection and provide advisory comments. Apart from that internal audit was also conducted to ensure compliance.	Complied
Milestone B	The group manager can demonstrate compliance of the ICS by individual members.	Compliance to ICS by individual members is evaluated by the Group Manager through field visits. During the visit, the Group Manager conducts the field inspection and provide advisory comments. Apart from that internal audit was also conducted to ensure compliance.	Complied

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A.2.2			
Eligibility	The group manager demonstrates understanding of the ISH Standard, group certification and related topics and has sufficient resources to manage the group.	The group manager was able to demonstrate good understanding of the ISH Standard. He had also attended various RSPO & group management related trainings, which among others are:	Complied
		- Attended the RT17 in Bangkok, 2016	
		- Visit the model of certified SH in Jambi, Indonesia 2018	
		- Various trainings on oil palm plantation	
		- Virtual RSPO ISH Roadshow Malaysia 23-30/11/2020"	
		For year 2021 the committee already attended 19/4/2022 for Speaker Independent Smallholder Dialogue and Youth talk show as smallholder representative dated 20/4/2022	
		The PERTANIAGA organisation chart has 13 committee members comprises of both MISI and ISH representatives previously was 11 committee member, the new committee was cover for PR and Charity. Apart from membership fees, the initiative is also funded by P&G through MISI. They also was helped by the officers from CSS and Asia Business School.	
Milestone A	The group manager can demonstrate capacity to manage and operate group certification and certification requirements.	The management system was well established in covering the Plan, Do, Check, Act (PDCA) concept. Based on interview, the Group Manager was able to demonstrate good understanding in implementing the certification requirements. There also have advisor from CSS where they were certified from RSPO (Master Trainer 26 – 31/8/2019 at Medan Indonesia) to advice the Pertaniaga Team.	Complied
Milestone B	The group manager can demonstrate capacity to manage and operate group certification and certification requirements.	The management system was well established in covering the PDCA concept. Based on interview, the Group Manager was able to demonstrate good understanding in implementing the certification requirements.	Complied

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A.2.3						
Eligibility	A group annual training plan is available covering the RSPO Independent Smallholder Standard, group management (which includes group objectives, structure, relevant procedures and the certification process) and other topics as outlined in the ISH Standard.MHZA	The group training plan was available this plan covering the whole RSPO independent smallholder standard. For group 1 (refresher) and group 2 the training was carried out as per plan dated on 25/5/2022 and 2/6/2022. This training included introduction to group and sustainable livelihood, Economic sustainability, environmental sustainability, social sustainability and recap, plan and reap rewards.			Complied	
Milestone A	The group manager implements a phased approach to ensure members have progressively attended training on the ISH Standard, group management and other topics as outlined in the ISH Standard	The group manager has established annual training plan b Total of 6 group registered under PERTANIAGA. Summary of plan for 2022-2023 as per below table:				Complied
	according to the group annual training plan.	Smallholder gro	oup FY2021	-2022	FY2022-2023	
		G1	Apr – Ju	ne 2022	-	
		G2	Oct – De	ec 2021	-	
		G3	Jan – Ma	ar 2022	-	
		G4	July – Se	ept 2022	-	
		G5	-		Jan – Mar 2023	
		G6	-		Oct – Dec 2023	
Milestone B	All members attended training and can demonstrate understanding of the ISH Standard, group management and certification requirements including awareness on BMPs, HCV, environmental protection, social welfare of workers and business operations.	The smallholder already complete training on BMP and aware the safety chemical to use, IPM and how to manage the invasive species. This training organizes by CSS (Centre Sustainable Small owner), UiTM and YARA. This training include introduction to group and sustainable livelihood, Economic sustainability, environmental sustainability, social sustainability and recap, plan and reap rewards.			Complied	
		Farmer ID	Date of Training	Training/	Topic/Module	
		0088-01-0066	14-15/5/2022	Part I & I	<u>II</u>	

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Social and welfare (community engagement, Safety Plan) 14-15/5/2022 Part I & II Economic and sustainability Risk and assessment Pest and disease + IPM Best Practices (Weed Management, Manuring, busines and financial management) Environmental (HCV, water management, peat management, replanting and waste management) Social and welfare (community engagement, Safety Plan)
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		Economic and sustainability Risk and assessment Pest and disease + IPM Best Practices (Weed Management, Manuring, busines and financial management)	
		management, peat management, replanting and waste management) Social and welfare (community engagement, Safety Plan)	
0084-01-006	25/5/2022 & 2/6/2022	Part I & II Economic and sustainability Risk and assessment Pest and disease + IPM Best Practices (Weed Management, Manuring, busines and financial management)	
		Environmental (HCV, water management, peat management, replanting and waste management) Social and welfare (community engagement, Safety Plan)	

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	T		
0124-01-002	9-10/3/2022 &	Part I & II	
	14-15/3/2022	Economic and sustainability	
		Risk and assessment	
		Pest and disease + IPM	
		Best Practices (Weed Management, Manuring, busines and financial management) Environmental (HCV, water management, peat management, replanting and waste management) Social and welfare (community engagement, Safety Plan)	
0139-01-002	25/5/2022 &	Part I & II	
	2/6/2022	Economic and sustainability	
		Risk and assessment	
		Pest and disease + IPM	
		Best Practices (Weed Management, Manuring, busines and financial management) Environmental (HCV, water	
		management, peat management, replanting and waste management)	
		Social and welfare (community engagement, Safety Plan)	

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0142-01-002	25/5/2022 & 2/6/2022	Part I & II Economic and sustainability Risk and assessment Pest and disease + IPM Best Practices (Weed Management, Manuring, busines and financial management) Environmental (HCV, water management, peat
		management, replanting and waste management) Social and welfare (community engagement, Safety Plan)
0143-01-002	9-10/3/2022	Part I & II Economic and sustainability Risk and assessment Pest and disease + IPM Best Practices (Weed Management, Manuring, busines and financial management) Environmental (HCV, water management, peat
		management, replanting and waste management) Social and welfare (community engagement, Safety Plan)

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1	T	11	
0257- 01-008	9-10/3/2022 &	Part I & II	
	14-15/3/2022	Economic and sustainability	
		Risk and assessment	
		Pest and disease + IPM	
		Best Practices (Weed Management, Manuring, business and financial management) Environmental (HCV, water management, peat management, replanting and waste management) Social and welfare (community engagement, Safety Plan)	
0257-01-008	9-10/3/2022 &	Part I & II	
	14-15/3/2022	Economic and sustainability	
		Risk and assessment	
		Pest and disease + IPM	
		Best Practices (Weed Management, Manuring, busines and financial management)	
		Environmental (HCV, water management, peat management, replanting and	
		waste management) Social and welfare (community engagement, Safety Plan)	

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0261-01-008	9-10/3/2022 &	Part I & II
	14-15/3/2022	Economic and sustainability
		Risk and assessment
		Pest and disease + IPM
		Best Practices (Weed Management, Manuring, busines and financial management)
		Environmental (HCV, water management, peat management, replanting and waste management)
		Social and welfare (community engagement, Safety Plan)
0267-01-008	9-10/3/2022 &	Part I & II
	14-15/3/2022	Economic and sustainability
		Risk and assessment
		Pest and disease + IPM
		Best Practices (Weed Management, Manuring, busines and financial management)
		Environmental (HCV, water management, peat management, replanting and waste management)
		Social and welfare (community engagement, Safety Plan)

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0176-01-003	25/5/2022 & 2/6/2022	Part I & II Economic and sustainability Risk and assessment Pest and disease + IPM Best Practices (Weed Management, Manuring, busines and financial management) Environmental (HCV, water management, peat management, replanting and waste management)
	2/6/2022	Economic and sustainability Risk and assessment Pest and disease + IPM Best Practices (Weed Management, Manuring, busines and financial management) Environmental (HCV, water management, peat management, replanting and waste management) Social and welfare (community engagement, Safety Plan)

		0198-01-004	9-10/3/2022, 14-15/5/2022	Part I & II Economic and sustainability Risk and assessment Pest and disease + IPM Best Practices (Weed Management, Manuring, busines and financial management) Environmental (HCV, water management, peat management, replanting and waste management)	
				Social and welfare (community engagement, Safety Plan)	
B – ICS: P	Policies and management				
B.1 The g	roup Internal Control System contains documented policies and	procedures for	operational man	agement.	
B.1.1					
Eligibility	A group Internal Control System is available for operational management including procedures of expulsion and sanctions for members who fail to comply, and a procedure to conduct internal			on RSPO ISH 2019. The internal cess, Actual Audit Process and Post	Complied
	audits	sampling was ca 1.4. During the members' were s document review	alculated based on audit, 53 from 10 sampled. The audit or, site visit and inte	d on 16, 17 and 20/06/2022. The formula 0.8x√(no. of members) x 7 existing members and 214 new method used during the audit were rview. 2 Major Non-conformity and e raised during the audit.	

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		The group manager has established Corrective Action Plan to addressed all the issue raised during the Internal Audit and submitted to the Internal Auditor and has been accepted. The audit report were available at the office for review.	
Milestone A	The ICS is implemented and an internal audit is conducted for at least half of the group members and all audit findings are closed	Latest internal audit was conducted on 16, 17 and 20/06/2022. The sampling was calculated based on formula 0.8x√(no. of members) x 1.4. During the audit, 53 from 107 existing members and 214 new members' were sampled. The audit method used during the audit were document review, site visit and interview. 2 Major Non-conformity and 2 Opportunity of Improvement were raised during the audit. The group manager has established Corrective Action Plan to addressed all the issue raised during the Internal Audit and submitted to the Internal Auditor and has been accepted. The audit report were available at the office for review.	Complied
Milestone B	The ICS is implemented and an annual internal audit of the group is conducted for all group members and all audit findings are resolved.	Latest internal audit was conducted on 16, 17 and 20/06/2022. The sampling was calculated based on formula 0.8x√(no. of members) x 1.4. During the audit, 53 from 107 existing members and 214 new members' were sampled. The audit method used during the audit were document review, site visit and interview. 2 Major Non-conformity and 2 Opportunity of Improvement were raised during the audit. The group manager has established Corrective Action Plan to addressed all the issue raised during the Internal Audit and submitted to the Internal Auditor and has been accepted. The audit report were available at the office for review.	Complied
B.1.2			
Eligibility	Basic information, farm information, production data, legal documentation of group members and signed Smallholder Declarations are available to the group manager	PERTANIAGA keeps and updates the database of all its members which consist the information about names, land lot number, GPS coordinates of farms, area size, production data, MPOB license No. first oil palm planting year, actual FFB production for 12 months, to name	Complied

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		a few. Hardcopy of signed smallholder declaration were also kept in individual file and made available for verification.	
Milestone A	Basic information, farm information, production data, legal documentation of group members and signed Smallholder Declarations are available to the group manager	PERTANIAGA keeps and updates the database of all its members which consist the information about names, land lot number, GPS coordinates of farms, area size, production data, MPOB license No. first oil palm planting year, actual FFB production for 12 months, to name a few. Hardcopy of signed smallholder declaration were also kept in individual file and made available for verification.	Non- compliance
		During document review, it was noted that from 214 new members that have signed the agreement/declaration of membership, 117 was found without active MPOB license and was still in progress, or application of license. This shows the Internal control system for ensuring legal documentation of group members was not effectively implemented. thus the non-conformity was raised.	
Milestone B	Basic information, farm information, production data, legal documentation of group members and signed Smallholder Declarations are available to the group manager	PERTANIAGA keeps and updates the database of all its members which consist the information about names, land lot number, GPS coordinates of farms, area size, production data, MPOB license No. first oil palm planting year, actual FFB production for 12 months, to name a few. Hardcopy of signed smallholder declaration were also kept in individual file and made available for verification.	Complied
C – ICS: G	roup Business planning		
C.1 The gr	oup has a Business Plan prepared with the participation and co	ntributions of all group members	
C.1.1			
Eligibility	An annual group business plan is available, which includes • Production and income forecasting based on historical records • Plans for expansion	PERTANIAGA has established business plan FY 2020 - 2023. The business plan include administration, training and smallholders support operation cost. This business plan to ensure its member to practice sustainable and good agriculture practice oil palm cultivation activities and to ensure its member obtains RSPO cert under RISS initiative.	Complied

Milestone A	The group business plan is implemented and reviewed at least annually.	PERTANIAGA has established business plan FY 2020 - 2023. The business plan include administration, training and smallholders support operation cost.	Complied
		This business plan to ensure its member to practice sustainable and good agriculture practice oil palm cultivation activities and to ensure its member obtains RSPO cert under RISS initiative.	
		The total budget was around RM 271,000 for 1600 member until year 2023. The business plan was reviewed annually.	
Milestone B	The group demonstrates financial stability and growth, and is able to support itself financially.	The budget and business plan show RM 271,000 covered from year 2020 until 2023 was from Procter and Gamble (P&G). This budget support for group included New Ordinary Member (ISHF) and Renewal of Ordinary Member (ISHF).	Complied
C.2 The IC	CS of the group is integrated with the group's management plan		
C.2.1			
Eligibility	 A group management plan is available which includes: Training/capacity building plans to improve productivity of group members. An approach to strengthen links within the supply chain. Plan for continuous improvement projects (i.e. on waste, soil, etc.), if any. 	The annual group business plan for PERTANIAGA was available for FY 2022. This business plan to ensure its member to practice sustainable and good agriculture practice oil palm cultivation activities and to ensure its member obtains RSPO cert under RISS initiative. The total budget was around RM 71000 for 640 members until year 2023. The group management plan was available this included training needed to improve productivity of group members, continuous improvement plan, and others. The group manager will manage the implementation of the plan and ensure the smallholder Plan for continuous improvement plan project was available in Pertaniaga sampling on one project LeFa (Learning Farm) on Ahmad Affandi. There are 3 phase to make their farm become model farm as per below: -	Complied
		Phase 1 – must be complied in 2 month	

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		Phase 2 – complied in 4 month	
		Phase 3 – complied in 12 month	
		From the monitoring En Affandi already complied with phase2 as per record verification.	
Milestone A	The group management plan is implemented and reviewed at least annually.	As per interview with group manager, the management will review the management plan yearly basis. The latest management plan available dated Jan 2022.	Complied
Milestone B	The group manager demonstrates the group's compliance with this ISH Standard.	The management conducted field inspection by yearly basis and 4 monthly basis for LeFa (Learn Farming) record verification as per below:-	Complied
		0231-01-005 from group 2, dated 19/05/2022.	
		0282-01-010 from Group 2 dated 25/02/2022	
		0064-01-003 from group 1 dated 11/10/2021	
		0230-01-005 from group 2 dated 31/05/2022	
		0073-01-004 from group 1 dated 15/12/2021	
		0092-01-007 from group 1 dated 14/12/2021	
		0088-01-006 from group 1 dated 26/04/2022	
		0065-01-003 from group 1 dated 25/03/2022	
D – ICS: 6	Group trading system for certified volumes		
D.1 The g	roup has a procedure and system in place for the tracking of FFE	3.	
D.1.1			
Eligibility	Record sheets to track the annual production and sales of certified volumes, covering traceability of producers and/or traders are available.	The group manager already establish procedure for traceability SOP entitled "Garis Panduan Pengasingan Buah Tandan Segar (BTS) di bawah Program Pekebun Kecil P&G" (Guideline to Sperate FFB under P&G Smallholders Programme) which describes the method of FFB segregation in the field and at the collection centre on 13/01/2021.	Complied

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Milestone A	Group manager maintains annual production records and sales of certified volumes.	in "Group 1 FFB Sum records sheet through s a reliable method to m	duction and sales of certified volumes will be recorded FB Summary August 21- Apr22". Verification of the hrough simulation showed that the group manager has od to maintain annual production records and sales of es of all the members. The sampling as per below:-		Complied
		Smallholder Id	Month	Total weight	
		0003-01-001 (0.665	Jan 2022	1.36	
		ha)	Feb 2021	0.85	
			Mar 2021	0.58	
		0096-01-007 (1.5529 ha)	Jan 2022	1.43	
			Feb 2022	2.34	
			Marc 2022	2.87	
		0098-01-007	Jan 2022	0.61	
		(1.4265 ha)	Feb 2022	0.66	
			Mar 2022	0.82	
		0092-01-007 (1.4ha)	Jan 2022	1.59	
			Feb 2022	1.29	
			Mar 2022	1.05	
Milestone B	Group Manager maintains annual production records and sales of certified volumes of all FFB sources.	in "Group 1 FFB Sum	mary August 21- A	I volumes will be recorded pr22". Verification of the lat the group manager has	Complied

		a reliable method to maintain annual production records and sales of certified volumes of all the members.	
D.2 The g	roup documents and implements a system for the tracking of FF	В	
D.2.1			
Eligibility	Not Applicable	Not applicable	Not Applicable
Milestone A	The group manager maintains annual production data and sales of certified volumes through Book and Claim for the group based on actual receipts for and sales by all members	The annual production and sales of certified volumes will be recorded in "Group 1 FFB Summary August 21- Apr22". Verification of the records sheet through simulation showed that the group manager has a reliable method to maintain annual production records and sales of certified volumes of all the members. Among the sources of data are weighbridge summary report from collection centre and sales receipt from members.	Complied
Milestone B	The group manager maintains annual production data and sales of certified volumes through physical or Book and Claim for the group based on actual receipts and sales for all members and 100% all certified volumes.	The annual production and sales of certified volumes will be recorded in "Group 1 FFB Summary August 21- Apr22". Verification of the records sheet through simulation showed that the group manager has a reliable method to maintain annual production records and sales of certified volumes of all the members. Among the sources of data are weighbridge summary report from collection centre and sales receipt from members.	Complied
D.3 The g	roup has a procedure and system for premium distribution.		
D.3.1			
Eligibility	The group and group manager have agreed on how the premiums should be used and the agreement is recorded and communicated to the group members. Prices, premiums, and timing of premium payment are clearly communicated and transparent to all group members. Premiums disbursed to members at all stages are recorded	The SOP on how premium distributed was available dated 20/5/2021. The SOP stated the premium will be pay to smallholder within 2 month after income been verified after physical uptake and credit sale. As per verification on palm trace no trading have been conducted by the Pertaniaga dated on 01/07/2022. During interview with smallholder,	Complied



	and the premiums are paid in a timely and convenient manner.	they were aware regarding to premium distributed thus previous Major Nc was close accordingly.	
Milestone A	The disbursement of premiums, including price and timing of the disbursement to group members is clearly recorded.	As per verification on palm trace no trading have been conducted by the Pertaniaga dated on 01/07/2022. During interview with smallholder, they were aware regarding to premium distributed.	Complied
Milestone B	The disbursement of premiums, including price and timing of the disbursement to group members is clearly recorded.	As per verification on palm trace no trading have been conducted by the Pertaniaga dated on 01/07/2022. During interview with smallholder, they were aware regarding to premium distributed.	Complied



Appendix B: GHG Reporting Executive Summary

The GHG emissions that were produced in **[year]** for **[mill]** and supply base was calculated using the PalmGHG Calculator version 3.0.1. The assessment team had verified the data input in the PalmGHG Calculator against operations records. PalmGHG Calculation Options selected 'Full version' and 'Exclude LUC Emission' calculation option is not applied. The records verified includes:

- i. Estates area planted data
- ii. Fuel consumed
- iii. Mill datas include CPO produced, PKO Produced and FFB Processed
- iv. Fertilizer consumed data for both estates and smallholders.

The summary of the Net GHG emitted in [YEAR] for [MILL] and supply base are as following:

Emission per product	tCO₂e/tProduct
СРО	N/A
РКО	N/A

Extraction	%
OER	N/A
KER	N/A

Production	t/yr
FFB Process	N/A
CPO Produced	N/A
PKO Produced	N/A

Land Use		На
OP Planted Area		N/A
OP Planted on peat		N/A
Conservation (forested)		N/A
Conservation (non-forested)		N/A
	Total	N/A

Summary of Field Emission and Sink

	Own Crop*	Own Crop* Group 3 rd Party			Total			
	tCO ₂ e	tCO₂e / FFB	tCO₂e	tCO₂e / FFB	tCO₂e	tCO ₂ e / FFB	tCO₂e	tCO₂e / FFB
Emission								
Land Conversion	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CO ₂ Emission from fertilizer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NO ₂ Emission	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Fuel Consumption	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Peat Oxidation	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sink								
Crop Sequestration	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Conservation Sequestration	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Note: Includes both estates and smallholders



Summary of Mill Emission and Credit

	tCO ₂ e	tCO₂e/tFFB
Emission		
POME	N/A	N/A
Fuel Consumption	N/A	N/A
Grid Electricity Utilization	N/A	N/A
Credit		
Export of Grid Electricity	N/A	N/A
Sales of PKS	N/A	N/A
Sales of EFB N/A		N/A
Total N/A		N/A

Summary of Kernel Crusher Emission and Credit (if applicable)

Emissions	tCO₂e
PK from own mill	N/A
PK from other source	N/A
Fuel Consumptions	N/A
Total Crusher emissions	N/A

^{*}This mill has no kernel crusher operation.

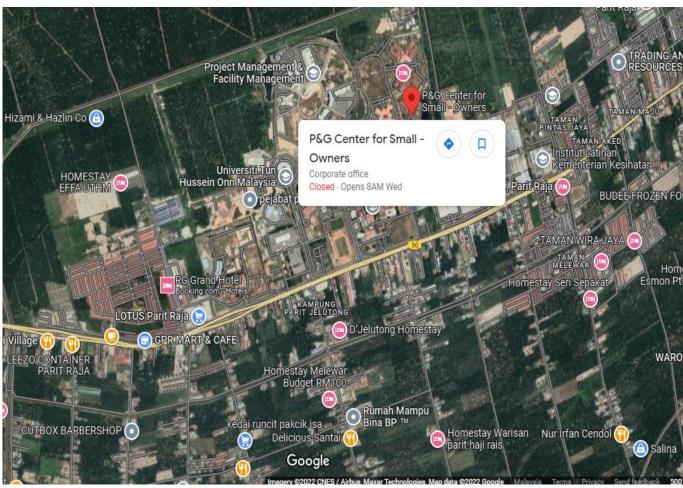
Palm Oil Mill Effluent (POME) Treatment:					
Divert to Compost (%)	N/A				
Divert to anaerobic diversion (%)	N/A				

POME Diverted to Anaerobic Digestion:					
Divert to anaerobic pond (%)	N/A				
Divert to methane captured (flaring) (%)	N/A				
Divert to methane captured (energy generation) (%)	N/A				



Appendix C: Location Map of Certification Unit and Supply bases

Group Manager Office









Created by: CSS, Digitalization















Appendix D: Estate Field Map

N/A



Appendix E: List of Smallholder Registered and/or sampled

No	Name of farmer	Locatio	GPS Reference		Area Summary (Ha)		Forecasted annual FFB	Date of	Smallholder
No	Name of farmer	n	Latitude (N)	Longitude (E)	Total Certified Area	Planted Area	Production (MT)	joining	ID
		Batu Pahat	1° 45' 20.46"	103° 3' 34.92"	0.74	0.64	8.78	26/05/2021	0001-01- 001
1	Fatimah Binti Abd	Batu Pahat	1° 45' 18.79"	103° 3' 26.03"	0.14	0.14	2.12	26/05/2021	0001-02- 001
1	Aziz	Batu Pahat	1° 45' 24.35"	103° 3' 8.96"	0.56	0.46	6.46	26/05/2021	0001-03- 001
		Batu Pahat	1° 45' 25.39"	103° 3' 20.27"	0.37	0.37	8.60	26/05/2021	0001-04- 001
2	Marinah Othman	Batu Pahat	1° 45' 35.40"	103° 3' 16.31"	0.45	0.45	6.16	26/05/2021	0002-01- 001
3	Mohd Azlin bin Abd Aziz *	Batu Pahat	1° 45' 47.22"	103° 3' 21.67"	0.67	0.67	12.17	26/05/2021	0003-01- 001
4	Md Jidin Bin Sawi	Batu Pahat	1° 47' 55.72"	103° 3' 54.29"	0.91	0.91	2.71	26/05/2021	0004-01- 001
4		Batu Pahat	1° 45' 39.99"	103° 3' 48.67"	0.58	0.45	6.07	26/06/2022	0004-02- 001
5	Azizah Binti Adnan	Batu Pahat	1° 45' 35.26"	103° 4' 13.22"	0.47	0.47	11.26	26/05/2021	0005-01- 001
6	Suraida Binti Ali	Batu Pahat	1° 45' 15.79	103° 3' 56.70"	2.00	2.00	17.27	26/05/2021	0006-01- 001
7	Rupia'ah Binti Ehsan	Batu Pahat	1° 42' 50.31"	103° 5' 48.34"	0.89	0.89	8.44	26/05/2021	0007-01- 001
0	Ahmad Bin Camin	Batu Pahat	1° 43' 9.81"	103° 6' 9.18"	0.66	0.66	14.81	26/05/2021	0008-01- 001
8	Ahmad Bin Samin	Batu Pahat	1° 42' 39.96"	103° 5' 20.36"	1.88	1.88	12.68	26/05/2021	0008-02- 001
9	Hod Bin Mustafa	Batu Pahat	1° 48' 0.98"	103° 3' 54.61"	0.91	0.91	8.84	26/05/2021	0009-01- 001





10	Rosila Binti Ismail	Batu Pahat	1° 45' 27.25"	103° 3' 34.38"	0.39	0.39	6.00	26/05/2021	0010-01- 001
11	Asiah Binti Karim	Batu Pahat	1° 45' 26.82"	103° 3' 50.65"	0.65	0.65	12.50	26/05/2021	0011-01- 001
12	Zaikhan Bin Hj Salleh	Batu Pahat	1° 45' 11.64"	103° 3' 44.68"	0.64	0.49	7.47	26/05/2021	0012-01- 001
12	Ab Rashid Bin	Batu Pahat	1° 45' 26.23"	103° 3' 41.11"	1.01	1.01	12.27	26/05/2021	0013-01- 001
13	Talib	Batu Pahat	1° 45' 26.34"	103° 3' 35.10"	0.41	0.31	8.38	26/06/2022	0013-02- 012
14	Khairul Firdaus Bin Mohamad	Batu Pahat	1° 45' 39.43"	103° 3' 26.68"	0.77	0.77	14.47	26/05/2021	0014-01- 001
15	Talib Bin Mahadon	Batu Pahat	1° 44' 30.20"	103° 4' 48.72"	2.07	2.07	14.21	26/05/2021	0015-01- 001
16	Khairul Mahzuz Bin Mohamad	Batu Pahat	1° 45' 6.68"	103° 3' 27.79"	0.38	0.38	14.21	26/05/2021	0016-01- 001
17	Abu Amar Bin Samin	Batu Pahat	1° 45' 8.96"	103° 3' 24.70"	1.00	1.00	17.65	26/05/2021	0017-01- 001
10	Zalka Dia A Azia	Batu Pahat	1° 45' 33.77"	103° 3' 50.54"	2.19	2.19	33.98	26/05/2021	0018-01- 001
18	Za'ba Bin A.Aziz	Batu Pahat	1° 45' 28.07"	103° 3' 34.30"	0.52	0.41	18.09	26/05/2021	0018-02- 001
		Batu Pahat	1. 1° 45' 23.13"	103° 3' 35.21"	0.95	0.95	13.26	26/05/2021	0044-01- 001
19	Mohd Nizam Bin Ja'afar	Batu Pahat	1° 50' 39.25"	103° 3' 26.35"	1.00	1.00	2.00	26/05/2021	0044-02- 011
		Batu Pahat	1° 45' 13.66"	103° 6' 14.33"	1.46	1.46	46.07	26/05/2021	0044-03- 011
20	Siti Ruzana Binti Dahlan	Batu Pahat	1° 43' 59.30"	103° 1' 31.58"	2.29	2.29	18.65	26/05/2021	0019-01- 001
21	Sahrul Azhar Bin Suadi *	Batu Pahat	1° 48' 50.99"	103° 6' 31.54"	1.18	1.18	26.95	26/05/2021	0020-01- 001





22	Rozalina Binti Adam	Batu Pahat	1° 45' 31.43"	103° 3' 7.85"	0.75	0.75	15.66	26/05/2021	0021-01- 001
23	NorHashimah Binti Hashim	Batu Pahat	1° 48' 1.04"	103° 3' 39.56"	0.81	0.81	16.00	26/05/2021	0022-01- 001
24	Asia Dia Hanna	Batu Pahat	1° 45' 40.72"	103° 3' 53.24"	2.01	1.66	10.98	26/05/2021	0023-01- 001
24	Aziz Bin Hassan	Pontian	1° 40' 9.08"	103° 17' 39.88"	0.90	0.90	14.95	26/06/2022	0023-02- 005
25	Siti Hairaney Binti Bachok@Daud	Batu Pahat	1° 48' 43.50"	103° 3' 42.84"	1.68	1.68	24.07	26/05/2021	0024-01- 001
26	Mohd Asri Bin Hashim	Batu Pahat	1° 48' 1.80"	103° 4' 0.62"	0.91	0.91	12.86	26/05/2021	0025-01- 001
27	Mazni Binti Mustafa *	Batu Pahat	1° 45' 27.94"	103° 3' 10.91"	0.75	0.75	9.33	26/05/2021	0026-01- 001
28	Mustafa bin Udin (Mazni Binti Mustafa)	Batu Pahat	1° 45' 54.49"	103° 3' 59.15"	0.98	0.98	7.75	26/05/2021	0027-01- 001
	Kamariah Binti Siran	Batu Pahat	1° 45' 18.96"	103° 3' 17.14"	0.46	0.46	10.52	26/05/2021	0028-01- 001
29		Batu Pahat	1° 45' 22.56"	103° 3' 3.13"	0.36	0.36	6.03	26/05/2021	0028-02- 001
		Batu Pahat	1° 45' 20.79"	103° 3' 10.30"	0.34	0.24	6.88	26/06/2022	0028-03- 012
30	Nistion Bin Hashim	Batu Pahat	1° 48' 0.81"	103° 3' 36.29"	0.91	0.91	15.23	26/05/2021	0029-01- 001
31	Faisal @ Mohd Faisal Bin Harith	Batu Pahat	1° 45' 1.44"	103° 3' 48.06"	0.53	0.53	17.24	26/05/2021	0030-01- 001
32	Rohana Binti Ramli	Batu Pahat	1° 46' 8.55"	103° 3' 15.59"	1.15	1.15	25.63	26/05/2021	0031-01- 001
33	Azmah Binti Zaini	Batu Pahat	1° 41' 47.54"	103° 6' 43.45"	0.68	0.68	0.00	26/05/2021	0032-01- 001
34	Aminuddin Bin Md Desah	Batu Pahat	1° 46' 47.99"	103° 1' 44.54"	0.76	0.76	11.71	26/05/2021	0033-01- 001





35	Zainab Bt Md Desah	Batu Pahat	1° 45' 18.40"	103° 3' 20.16"	1.31	1.31	23.70	26/05/2021	0034-01- 001
36	Rosman Bin Saat	Batu Pahat	1° 44' 24.68"	103° 4' 51.78"	0.58	0.58	11.05	26/05/2021	0035-01- 001
37	Siti Mariam Binti Hashim	Batu Pahat	1° 45' 44.46"	103° 3' 32.00"	2.11	2.01	11.08	26/05/2021	0036-01- 001
38	Habibah binti Jelani	Batu Pahat	1° 44' 58.42"	103° 2' 34.44"	1.10	0.97	20.44	26/05/2021	0037-01- 001
39	Umar Bin Sapuan	Batu Pahat	1° 44' 54.52"	103° 6' 27.61"	1.13	1.13	23.53	26/05/2021	0038-01- 001
		Batu Pahat	1° 45' 12.00"	103° 3' 47.52"	0.29	0.29	9.08	26/05/2021	0039-01- 001
40	Alias A Karim	Batu Pahat	1° 45' 11.78"	103° 3' 46.62"	0.25	0.25	2.28	26/06/2022	0039-02- 012
		Batu Pahat	1° 45' 11.87"	103° 3' 46.87"	0.29	0.29	3.14	26/06/2022	0039-03- 012
41	Rahmat B Mohd Lasim	Batu Pahat	1° 45' 21.65"	103° 8' 32.46"	0.61	0.61	11.59	26/05/2021	0040-01- 001
42	Hanim Binti Hashim	Batu Pahat	1° 47' 52.66"	103° 4' 4.15"	0.91	0.91	16.50	26/05/2021	0041-01- 001
43	Miskan Bin Tukiran	Batu Pahat	1° 45' 19.37"	103° 3' 42.98"	0.82	0.82	17.94	26/05/2021	0042-01- 001
		Batu Pahat	1° 48' 3.32"	103° 3' 27.68"	1.11	1.11	19.53	26/05/2021	0043-01- 001
44	Mohd Daud Bin Hashim	Batu Pahat	1° 53' 51.01"	103° 6' 16.34"	2.38	2.38	25.01	26/06/2022	0043-02- 003
		Batu Pahat	1° 53' 49.60"	103° 6' 30.02"	1.37	1.37	17.88	26/06/2022	0043-03- 003
45	Hasnah Binti Bawok	Batu Pahat	1° 50' 1.32"	103° 9' 53.35"	1.82	1.82	18.48	26/05/2021	0310-01- 002
46	Mokasan Bin Tamyiz	Batu Pahat	1° 51' 10.44"	103° 9' 0.97"	0.92	0.72	9.15	26/05/2021	0046-01- 002





47	Jamaludin Bin Tarseh	Batu Pahat	1° 49' 59.16"	103° 8' 20.58"	1.95	0.81	35.00	26/05/2021	0047-01- 002
48	Razali Bin Jamat	Batu Pahat	1° 49' 38.68"	103° 11' 33.32"	1.01	1.01	13.88	26/05/2021	0048-01- 002
49	Paiman Bin Kasman	Batu Pahat	1° 51' 18.48"	103° 9' 7.60"	1.32	1.22	21.61	26/05/2021	0049-01- 002
50	Misbah Bin Sukarno	Batu Pahat	1° 52' 49.87"	103° 11' 4.06"	0.51	0.51	16.33	26/05/2021	0050-01- 002
51	Abu Bin Dolah	Batu Pahat	1° 49' 46.20"	103° 10' 59.52"	1.43	1.43	9.85	26/05/2021	0051-01- 002
52	Manap Bin Ismail Manap Bin Ismail	Batu Pahat	1° 49' 31.21"	103° 10' 39.36"	1.12	1.12	6.75	26/05/2021	0052-01- 002
		Batu Pahat	1° 49' 44.91"	103° 9' 46.08"	1.45	1.45	9.01	26/05/2021	0052-02- 002
53	Tomiran Bin Bahri	Batu Pahat	1° 50' 43.80"	103° 10' 17.76"	2.85	2.85	29.68	26/05/2021	0053-01- 002
54	Mohd Kodori Bin Salam	Batu Pahat	1° 52' 14.88"	103° 10' 53.76"	1.21	1.21	18.08	26/05/2021	0054-01- 002
55	Mohd Noh Bin Muri *	Batu Pahat	1° 51' 2.16"	103° 8' 37.32"	2.44	2.44	47.53	26/05/2021	0055-01- 002
		Batu Pahat	1° 55' 5.52"	103° 7' 41.52"	0.94	0.94	14.59	26/05/2021	0055-02- 002
56	Supian Bin Sapuan (Drop)	Batu Pahat	1° 50' 32.64"	103° 9' 45.36"	0.91	0.91	0.00	26/05/2021	0056-01- 002
57	Jemail Bin Imam	Batu Pahat	1° 51' 40.44"	103° 9' 6.26"	0.99	0.74	16.98	26/05/2021	0057-01- 002
58	Md Khudzairi Bin Jabar	Batu Pahat	1° 49' 38.82"	103° 8' 7.84"	2.67	2.67	1.86	26/05/2021	0058-01- 002
59	Siti 'Asri Binti Deri *	Batu Pahat	1° 50' 15.91"	103° 8' 34.73"	1.52	1.32	23.97	26/05/2021	0059-01- 002
60	Mohd Nazir Bin Pasimen *	Batu Pahat	1° 52' 28.07"	103° 9' 16.20"	1.26	1.12	15.85	26/05/2021	0060-01- 002





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61	Marsi Bin Selamat	Batu Pahat	1° 52' 19.70"	103° 10' 54.48"	1.21	1.21	7.94	26/05/2021	0061-01- 002
		Batu Pahat	1° 49' 57.86"	103° 9' 51.73"	0.91	0.91	14.96	26/05/2021	0061-02- 002
62	Md Ramlan Bin Sawiyo	Batu Pahat	1° 51' 10.05"	103° 8' 23.86"	0.96	0.75	8.96	26/05/2021	0062-01- 002
63	Mozni Bin Hj Hassan	Batu Pahat	1° 47' 0.61"	103° 11' 3.41"	1.31	1.31	26.44	26/05/2021	0071-01- 004
64	Ahmad Jamil Bin Othman	Batu Pahat	1° 45' 29.92"	103° 13' 35.36"	1.83	1.83	0.00	26/05/2021	0072-01- 004
65	Ahmad Affandi Bin Siraj *	Batu Pahat	1° 46' 2.39"	103° 10' 41.81"	1.42	1.03	22.54	26/05/2021	0073-01- 004
66	Mohd Jamhari Bin Kamari	Batu Pahat	1° 45' 18.81"	103° 10' 53.29"	0.26	0.26	7.71	26/05/2021	0074-02- 004
67	Saiful Amrin Bin Sudin *	Batu Pahat	1° 47' 36.99"	103° 10' 54.01"	1.56	1.56	8.44	26/05/2021	0075-01- 004
67		Batu Pahat	1° 47' 44.41"	1° 47' 44.41"	0.75	0.75	3.43	26/06/2022	0075-02- 004
68	Mohd Fauzi Bin Abdul Majid	Batu Pahat	1° 43' 25.26"	103° 9' 21.28"	1.26	1.26	21.52	26/05/2021	0076-01- 004
		Batu Pahat	1° 43' 25.38"	103° 9' 21.20"	3.43	3.43	58.44	26/05/2021	0076-02- 004
60	Musa Bin Khalid	Batu Pahat	1° 43' 11.30"	103° 10' 2.60"	1.01	0.66	8.67	26/05/2021	0077-02- 004
69		Batu Pahat	1° 43' 10.49"	103° 10' 2.68"	3.05	2.17	30.48	26/05/2021	0077-01- 004
70	Mohd Zokrat Bin Moktar	Batu Pahat	1° 43' 30.84"	103° 9' 28.51"	2.50	2.50	38.59	26/05/2021	0078-01- 004
		Batu Pahat	1° 43' 26.83"	103° 9' 26.89"	1.76	1.76	27.13	26/05/2021	0078-02- 004
71	Idora Binti M.Nor	Batu Pahat	1° 42' 50.08"	103° 9' 1.22"	1.07	1.07	15.72	26/05/2021	0079-01- 004





72	Sahani Bin Nasran	Batu Pahat	1° 45' 10.55"	103° 16' 44.69"	3.23	3.23	28.80	26/05/2021	0080-01- 004
72	Mohd Kosni Bin	Batu Pahat	1° 48' 42.70"	103° 3' 42.88"	1.89	1.89	18.37	26/05/2021	0063-01- 003
73	Jasman	Batu Pahat	1° 48' 47.48"	103° 4' 19.85"	0.56	0.46	7.61	26/05/2021	0063-02- 003
74	Rahmat Bin	Batu Pahat	1° 48' 56.01"	103° 3' 40.50"	1.12	1.12	33.46	26/05/2021	0064-01- 003
74	Jemeran *	Batu Pahat	1° 48' 55.22"	103° 4' 8.98"	1.07	1.07	7.83	26/06/2022	0064-02- 003
75	Othman Bin	Batu Pahat	1° 49' 27.46"	103° 3' 40.07"	0.81	0.61	11.59	26/05/2021	0065-01- 003
/3	Teman *	Batu Pahat	1° 49' 32.19"	103° 3' 33.52"	0.71	0.71	7.49	26/05/2021	0065-02- 003
76	Mahrof Bin Osman	Batu Pahat	1° 49' 11.95"	103° 2' 56.08"	1.67	1.67	45.27	26/05/2021	0066-01- 003
77	Md Zin Bin Junit *	Batu Pahat	1° 48' 30.56"	103° 4' 5.84"	1.17	1.17	23.74	26/05/2021	0067-01- 003
78	Ruslan Bin Teman	Batu Pahat	1° 49' 49.59"	103° 3' 47.38"	0.93	0.93	15.56	26/05/2021	0068-01- 003
70	Tomail Din Damli	Batu Pahat	1° 48' 59.43"	103° 2' 45.82"	0.78	0.78	29.88	26/05/2021	0069-01- 003
79	Ismail Bin Ramli	Batu Pahat	1° 48' 51.08"	103° 3' 9.58"	0.91	0.91	33.25	26/05/2021	0069-02- 003
80	Manoor Bin Jemeran	Batu Pahat	1° 48' 13.14"	103° 4' 23.16"	1.27	0.94	13.50	26/05/2021	0070-01- 003
81	Patkar Bin Tamsir	Pontian	1° 40' 53.83"	103° 20' 23.86"	1.36	1.36	25.30	26/05/2021	0081-01- 005
82	Abu Bakar Bin Sahuri *	Pontian	1° 38' 38.30"	103° 18' 15.01"	1.02	0.88	24.28	26/05/2021	0082-01- 005
83	Watini bt Semaon	Pontian	1° 36' 52.43"	103° 21' 0.22"	1.17	0.65	8.90	26/05/2021	0083-01- 006





84	Hishamudin bin Shazali @ Sulaiman *	Pontian	1° 35' 50.10"	103° 21' 3.06"	2.50	2.40	61.15	26/05/2021	0084-01- 006
05	D. All &	Pontian	1° 38' 47.54"	103° 24' 22.57"	2.33	2.33	13.97	26/05/2021	0085-02- 006
85	Rosman Alip *	Pontian	1° 37' 44.13"	103° 21' 8.14"	1.21	1.21	28.26	26/05/2021	0085-01- 006
06	Calina Dia Callah	Pontian	1° 37' 28.16"	103° 21' 42.91"	0.75	0.75	6.50	26/05/2021	0086-01- 006
86	Salim Bin Salleh	Pontian	1° 38' 34.86"	103° 22' 30.83"	0.90	0.90	18.56	26/05/2021	0086-02- 006
87	Suratmen Bin Mosman	Pontian	1° 37' 31.53"	103° 21' 36.25"	1.30	1.20	13.62	26/05/2021	0087-01- 006
		Pontian	1° 37' 56.32"	103° 21' 35.78"	0.96	0.96	29.81	26/05/2021	0088-01- 006
88	Amat Bin Ngalimon *	Pontian	1° 38' 9.87"	103° 21' 29.38"	2.28	1.97	35.78	26/06/2022	0088-02- 006
		Pontian	1° 39' 12.19"	103° 22' 52.03"	0.96	0.96	12.76	26/06/2022	0088-03- 006
89	Tukimin Bin	Pontian	1° 38' 20.44"	103° 22' 3.68"	1.27	1.27	23.58	26/05/2021	0089-01- 006
09	Hussin	Pontian	1° 38' 14.53"	103° 22' 7.50"	0.86	0.52	4.39	26/06/2022	0089-02- 006
90	Esah Binti Dagimi	Pontian	1° 38' 37.62"	103° 22' 33.42"	0.99	0.99	15.92	26/05/2021	0090-01- 006
91	Zulkifli Bin Kamin	Pontian	1° 38' 32.84"	103° 22' 20.82"	0.91	0.91	20.66	26/05/2021	0091-01- 006
91	Zuikiiii biii kaiiiiii	Pontian	1° 38' 29.54"	103° 22' 27.12"	0.50	0.50	11.23	26/05/2021	0091-02- 006
92	Hadini binti Ashari *	Pontian	1° 33' 4.35"	103° 24' 31.07"	1.46	1.40	22.92	26/05/2021	0092-01- 007
93	Othman bin Hj Kasan	Pontian	1° 31' 44.91"	103° 25' 40.66"	3.72	3.67	25.66	26/05/2021	0093-01- 007





94	Jamal Pin Ahmad	Pontian	1° 31' 53.07"	103° 27' 3.46"	1.00	1.00	32.42	26/05/2021	0094-01- 007
94	Jamal Bin Ahmad	Pontian	1° 31' 25.99"	103° 26' 16.15"	0.66	0.66	13.11	26/06/2022	0094-02- 007
95	Saimon Bin Harun	Pontian	1° 32' 18.49"	103° 26' 17.34"	1.80	1.67	11.35	26/05/2021	0095-01- 007
96	Hamisah binti Nasir	Pontian	1° 30' 32.65"	103° 25' 7.97"	1.76	1.55	38.45	26/05/2021	0096-01- 007
97	Abd Rahim Bin Amil	Pontian	1° 31' 48.56"	103° 24' 11.63"	2.02	1.81	36.61	26/05/2021	0097-01- 007
98	Paiman Bin Sapar @ Safar *	Pontian	1° 32' 0.92"	103° 26' 36.74"	1.43	1.43	12.23	26/05/2021	0098-01- 007
99	Md Sudirman bin Sumardi	Pontian	1° 31' 7.35"	103° 25' 11.32"	1.14	1.01	19.13	26/05/2021	0099-01- 007
100	Haniza Binti Omar	Batu Pahat	1° 44' 31.84"	103° 3' 44.46"	0.61	0.61	16.58	26/05/2021	0100-01- 009
		Batu Pahat	1° 45' 14.90"	103° 6' 25.02"	0.99	0.99	21.25	26/05/2021	0101-01- 010
101	Shariff (Noor) Bin Hj Omar	Batu Pahat	1° 45' 19.26"	103° 3' 30.31"	0.50	0.50	9.69	26/06/2022	0101-02- 010
		Batu Pahat	1° 45' 10.87"	103° 3' 18.43"	1.00	0.82	15.98	26/06/2022	0101-03- 010
		Batu Pahat	1° 45' 19.12"	103° 3' 35.24"	0.83	0.83	11.22	26/05/2021	0102-01- 010
102	Fatimah Bt Ismail	Batu Pahat	1° 45' 55.89"	103° 3' 38.02"	1.41	1.41	12.01	26/05/2021	0102-03- 010
		Batu Pahat	1° 46' 4.16"	103° 3' 36.79"	0.84	0.84	10.95	26/05/2021	0102-02- 010
103	Salleh Bin Hj Zakaria	Batu Pahat	1° 45' 27.95"	103° 3' 15.19"	0.70	0.70	13.97	26/05/2021	0103-01- 010
104	Zakariya Bin Kasim	Batu Pahat	1° 45' 52.60"	103° 3' 30.13"	0.96	0.36	2.46	26/05/2021	0104-01- 010





		Batu Pahat	1° 45' 46.43"	103° 3' 20.20"	0.48	0.48	3.29	26/05/2021	0104-02- 010
105	Hishamudin Bin	Batu Pahat	1° 45' 38.48"	103° 3' 42.70"	0.65	0.41	9.36	26/05/2021	0105-01- 010
105	Ali	Batu Pahat	1° 46' 17.54"	103° 4' 23.34"	1.64	1.64	23.48	26/06/2022	0105-02- 010
106	Ab Rashid Bin	Batu Pahat	1° 45' 31.32"	103° 3' 16.24"	0.29	0.29	8.80	26/05/2021	0106-01- 010
106	Johar *	Batu Pahat	1° 45' 32.78"	103° 3' 28.51"	0.37	0.37	2.09	26/06/2022	0106-02- 001
107	Zuriah Asmijan	Batu Pahat	1° 46' 13.23"	103° 3' 21.17"	1.56	1.56	26.05	26/05/2021	0107-01- 010
108	Azizah Binti Hj Zaini	Batu Pahat	1° 45' 1.20"	103° 4' 0.55"	0.73	0.38	6.96	26/06/2022	0108-01- 001
109	Alias Bin Yusak	Batu Pahat	1° 45' 43.05"	103° 4' 12.97"	1.24	1.14	25.01	26/06/2022	0109-01- 001
110	Zukifli@Zulkeflee Bin Mohamed	Batu Pahat	1° 45' 39.16"	103° 3' 41.94"	0.30	0.18	5.44	26/06/2022	0110-01- 001
110	Jidin	Batu Pahat	1° 45' 45.17"	103° 3' 42.37"	0.30	0.18	5.44	26/06/2022	0110-02- 001
111	Siti Nurhidayah Binti Dahlan (Jasmin bin Dahlan)	Batu Pahat	1° 44' 37.78"	103° 5' 22.60"	0.55	0.37	5.95	26/06/2022	0111-01- 001
112	A'isah Binti Gono	Batu Pahat	1° 44' 25.1808"	103° 4' 20.0634"	0.97	0.86	15.95	26/06/2022	0112-01- 001
113	Sarifah binti Gono (A'isah Binti Gono)	Batu Pahat	1° 44' 25.18"	103° 4' 20.06"	0.97	0.86	15.95	26/06/2022	0113-01- 001
114	Normala Binti Hassan	Batu Pahat	1° 44' 18.46"	103° 3' 35.21"	0.92	0.92	23.42	26/06/2022	0114-01- 001
115	Muhammad Hafiz Bin Hassan	Batu Pahat	1° 44' 18.79"	103° 3' 33.66"	0.51	0.51	10.68	26/06/2022	0115-01- 001
116	Mohd Hanif bin Hassan (Muhammad Hafiz Bin Hassan)	Batu Pahat	1° 44' 17.20"	103° 3' 33.08"	0.51	0.51	10.68	26/06/2022	0116-01- 001





117	Khairul Aszwan Bin Mohamad (Mohamad Bin Raban)	Batu Pahat	1° 45' 42.48"	103° 3' 23.87"	0.65	0.65	14.43	26/06/2022	0117-01- 001
118	Khairul Ikhmal Bin Mohamad (Mohamad Bin Raban)	Batu Pahat	1° 45' 44.46"	103° 3' 27.94	0.65	0.65	14.43	26/06/2022	0118-01- 001
119	Kamsiah Bt Hj Nawawi (Mohd Daud Bin Jarkasi)	Batu Pahat	1° 45' 51.87"	103° 10' 22.80"	1.04	1.04	14.33	26/06/2022	0119-01- 001
120	Jarkasi Bin Abd Shukor (Mohd	Batu Pahat	1° 45' 0.21"	103° 10' 7.72"	1.63	1.63	22.36	26/06/2022	0120-01- 001
120	Daud Bin Jarkasi)	Batu Pahat	1° 45' 33.62"	103° 10' 15.74"	1.20	0.94	12.98	26/06/2022	0120-02- 001
121	Adnan Bin Dahlan	Batu Pahat	1° 44' 26.44"	103° 4' 25.93"	0.66	0.43	11.33	26/06/2022	0122-01- 001
122	Ismail Bin Suhadi	Batu Pahat	1° 50' 16.79"	103° 9' 0.54"	1.35	1.17	18.00	26/06/2022	0123-01- 002
123	Salehah Binti Md Som *	Batu Pahat	1° 50' 33.75"	103° 10' 28.88"	0.86	0.86	20.91	26/06/2022	0124-01- 002
124	Mohd Akibi Bin Buang	Batu Pahat	1° 54' 34.20"	103° 5' 24.79"	1.17	1.17	7.85	26/06/2022	0125-01- 002
125	Kamal Bin Samut	Batu Pahat	1° 50' 18.90"	103° 9' 29.09"	1.21	1.09	16.20	26/06/2022	0126-01- 002
126	Siti Lasmi Binti Deri	Batu Pahat	1° 50' 31.12"	103° 8' 33.76"	0.54	0.54	8.39	26/06/2022	0127-01- 002
127	Siti Misrikah Binti Deri (Siti Lasmi Binti Deri)	Batu Pahat	1° 50' 30.46"	103° 8' 32.64"	0.54	0.54	8.39	26/06/2022	0128-01- 002
128	Ahmad Izzat Syahmi Bin Sulaiman (Mohd Sulaiman Bin Kastin)	Batu Pahat	1° 51' 11.20"	103° 9' 46.44"	0.42	0.38	7.44	26/06/2022	0129-01- 002
129	Ahmad Syafiq Bin Mohd Sulaiman (Mohd Sulaiman Bin Kastin)	Batu Pahat	1° 51' 11.57"	103° 9' 46.91"	0.42	0.41	7.95	26/06/2022	0130-01- 002
130	Mohd Sulaiman Bin Kastin	Batu Pahat	1° 50' 24.20"	103° 10' 52.21"	0.42	0.42	8.34	26/06/2022	0131-01- 002





131	Ili Liyana Binti Mohd Sulaiman (Mohd Sulaiman Bin Kastin)	Batu Pahat	1° 50' 24.92"	103° 10' 52.72"	0.42	0.42	8.34	26/06/2022	0132-01- 002
132	Muhammad Taqiuddin Bin Mohd Sulaiman (Mohd Sulaiman Bin Kastin)	Batu Pahat	1° 50' 26.76"	103° 10' 53.62"	0.42	0.42	8.34	26/06/2022	0133-01- 002
133	Norsuzaini Binti Mohd Sulaiman (Mohd Sulaiman Bin Kastin)	Batu Pahat	1° 50' 26.47"	103° 10' 53.87"	0.42	0.42	8.34	26/06/2022	0134-01- 002
134	Nurul Akmal Binti Mohd Sulaiman (Mohd Sulaiman Bin Kastin)	Batu Pahat	1° 50' 27.05"	103° 10' 54.34"	0.42	0.42	8.34	26/06/2022	0135-01- 002
135	Muslim Bin Ismail	Batu Pahat	1° 49' 35.41"	103° 10' 29.17"	1.22	1.03	8.98	26/06/2022	0136-01- 002
136	Nur Hidayah Binti Marsi (Haris Marsi)	Batu Pahat	1° 50' 8.15"	103° 9' 51.12"	1.45	1.45	12.12	26/06/2022	0137-01- 002
137	Seti Raitah Binti Ma'asom (Sabtu Bin Dolah)	Batu Pahat	1° 49' 47.55"	103° 10' 37.31"	1.62	1.27	13.45	26/06/2022	0138-01- 002
138	Sabtu Bin Dolah *	Batu Pahat	1° 48' 56.96"	103° 11' 19.61"	0.91	0.91	23.01	26/06/2022	0139-01- 002
139	Nasiah Binti Maslam	Batu Pahat	1° 50' 41.49"	103° 9' 37.84"	0.50	0.50	5.95	26/06/2022	0140-01- 002
140	Khairul Azim Bin Basiron (Nasiah Binti Maslam)	Batu Pahat	1° 50' 40.91"	103° 9' 38.30"	0.50	0.50	5.95	26/06/2022	0141-01- 002
141	Sabari Bin Amir *	Batu Pahat	1° 52' 8.70"	103° 10' 19.67"	1.21	1.21	18.30	26/06/2022	0142-01- 002
142	Seripaton Binti Hanafi (Md Rahim bin Ikhsan) *	Batu Pahat	1° 50' 1.68"	103° 8' 12.52"	1.14	1.14	25.60	26/06/2022	0143-01- 002
143	Muhammad Rahmat bin Rohani (Misirah Binti Tukimin)	Batu Pahat	1° 48' 49.87"	103° 11' 11.40"	0.58	0.58	3.49	26/06/2022	0144-01- 002
144	Muhammad Razi Bin Rohani (Misirah Binti Tukimin)	Batu Pahat	1° 48' 49.61"	103° 11' 12.05"	0.58	0.58	3.49	26/06/2022	0145-01- 002





145	Mohd Isa Bin Saroji	Batu Pahat	1° 51' 16.53"	103° 9' 26.10"	0.5021	0.35	8.77	26/06/2022	0146-01- 002
146	Junirah Bt. Kasimun (kasimon) (Hairei bin Wahab)	Batu Pahat	1° 50' 9.47"	103° 9' 18.43"	0.95	0.95	8.54	26/06/2022	0147-01- 002
1.47	Nor Liyana Binti	Batu Pahat	1° 50' 9.97"	103° 9' 17.14"	0.48	0.32	3.28	26/06/2022	0148-01- 002
147	Maskuri (Rafiah Binti Sandong)	Batu Pahat	1° 50' 5.51"	103° 8' 36.67"	0.60	0.60	6.20	26/06/2022	0148-02- 002
148	Mohamad Fareez Bin Maskuri	Batu Pahat	1° 50' 9.97"	103° 9' 17.14"	0.48	0.37	3.79	26/06/2022	0149-01- 002
	(Rafiah Binti Sandong)	Batu Pahat	1° 50' 5.27"	103° 8' 37.18"	0.60	0.60	6.20	26/06/2022	0149-02- 002
149	Sarifah Binti Kadiman	Batu Pahat	1° 50' 8.11"	103° 10' 7.54"	0.58	0.58	3.75	26/06/2022	0150-01- 002
150	Sujinah Binti Kijan (Mohd Zamza bin Wasmon)	Batu Pahat	1° 49' 51.63"	103° 9' 26.06"	0.81	0.64	15.80	26/06/2022	0151-01- 002
151	Saripah Binti Jalil	Batu Pahat	2° 5' 9.76"	103° 0' 50.87"	2.31	2.31	4.25	26/06/2022	0152-01- 002
152	Kusmin Bin Sukarno	Batu Pahat	2° 6' 15.79"	103° 1' 1.74"	1.80	1.80	3.31	26/06/2022	0159-01- 002
153	Ramlan Bin Amat	Batu Pahat	1° 51' 35.83"	103° 10' 22.98"	1.23	0.86	2.25	26/06/2022	0153-01- 002
154	Pardi Bin Tukiran	Batu Pahat	1° 50' 42.79"	103° 8' 25.69"	1.01	0.79	0.88	26/06/2022	0154-01- 002
155	Satom Binti Hassan (Mohd Sajari bin Mohd Bahron)	Batu Pahat	1° 51' 14.29"	103° 9' 54.90"	0.97	0.66	0.68	26/06/2022	0155-01- 002
156	Mohd Khalid Bin Mohd Kasah	Batu Pahat	1° 50' 5.82"	103° 9' 29.88"	0.69	0.69	1.09	26/06/2022	0156-01- 002
157	Norlela Binti	Batu Pahat	1° 49' 17.52"	103° 7' 57.83"	0.96	0.82	4.74	26/06/2022	0157-01- 002
15/	Boyani	Batu Pahat	1° 49' 17.52"	103° 7' 57.83"	0.98	0.60	0.00	26/06/2022	0157-02- 010





158	Mhd Lihan Bin Sabari	Batu Pahat	1° 48' 56.53"	103° 8' 45.85"	0.71	0.71	0.78	26/06/2022	0158-01- 002
159	Rukiah binti Subari (Mohamad Abidin Bin Mohamad Mokhlas)	Batu Pahat	1. 1° 54' 2.30"	103° 10' 26.72"	0.40	0.41	1.68	26/06/2022	0160-01- 002
160	Mohamed Bin Yaakub	Batu Pahat	1° 50' 16.28"	103° 10' 50.45"	0.95	0.96	0.00	26/06/2022	0161-01- 002
161	Lamien bin Sawiyo (Ramlan Bin Sawiyo)	Batu Pahat	1° 51' 9.83"	103° 8' 22.92"	0.97	0.86	6.82	26/06/2022	0163-01- 002
162	Mohmad Jamal bin Sawiyo (Ramlan Bin Sawiyo)	Batu Pahat	1° 51' 8.96"	103° 8' 22.99"	0.97	0.97	7.69	26/06/2022	0164-01- 002
163	Samian bin Sawiyo (Ramlan Bin Sawiyo)	Batu Pahat	1° 51' 8.27"	103° 8' 23.46"	0.97	0.97	7.69	26/06/2022	0165-01- 002
164	Saaban Bin Selamat (Siti Noor Aidah binti Ithnin)	Batu Pahat	1° 47' 52.32"	103° 3' 21.53"	0.83	0.70	11.56	26/06/2022	0166-01- 003
165	Bakar Bin Paminin	Batu Pahat	1° 50' 43.96"	103° 5' 6.79"	1.01	0.57	7.86	26/06/2022	0167-01- 003
166	Hamidah binti Paminin	Batu Pahat	1° 50' 47.79"	103° 5' 5.93"	0.43	0.43	6.14	26/06/2022	0168-01- 003
167	Suminah binti Jasman	Batu Pahat	1° 48' 44.04"	103° 4' 19.27"	0.49	0.49	5.82	26/06/2022	0169-01- 003
168	Kamisan bin Kamin @ Kemin	Batu Pahat	1° 49' 46.20"	103° 4' 15.42"	0.52	0.52	8.75	26/06/2022	0170-01- 003
169	Mohamad Noh bin Lajat	Batu Pahat	1° 48' 11.94"	103° 4' 43.75"	0.39	0.29	3.46	26/06/2022	0171-01- 003
	Mobd Ali bin Imst	Batu Pahat	1° 49' 45.63"	108° 3' 13.36"	1.08	1.08	15.93	26/06/2022	0172-01- 003
170	Mohd Ali bin Imat	Batu Pahat	1° 48' 49.51"	103° 3' 53.78"	0.35	0.05	0.05	26/06/2022	0172-02- 003
171	Kasian bin Ahmad (Sudin bin Kasian)	Batu Pahat	1° 48' 11.92"	103° 5' 29.54"	0.65	0.65	13.54	26/06/2022	0173-01- 003





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172	Kalana bin Bakri *	Batu Pahat	1. 1° 47' 7.94"	103° 3' 44.86"	0.52	0.52	10.19	26/06/2022	0174-01- 003
173	Abdullah Sanek bin M. Arsat	Batu Pahat	1° 49' 2.23"	103° 2' 56.72"	1.86	1.86	30.93	26/06/2022	0175-01- 003
174		Batu Pahat	1° 48' 38.08"	103° 2' 45.28"	0.55	0.55	7.53	26/06/2022	0176-01- 003
	Ramli bin Emon *	Batu Pahat	1° 50' 3.57"	103° 4' 37.06"	0.32	0.22	4.04	26/06/2022	0176-02- 003
175	Siti Maimun binti Nadiran	Batu Pahat	1° 48' 39.90"	103° 3' 50.90"	0.45	0.45	5.32	26/06/2022	0177-01- 003
176	Siti Kalsom binti Nadiran	Batu Pahat	1° 48' 39.39"	103° 3' 50.87"	0.45	0.45	4.54	26/06/2022	0178-01- 003
177	Taib bin Alias	Batu Pahat	1° 49' 20.68"	103° 4' 16.64"	0.68	0.58	11.94	26/06/2022	0179-01- 003
178	Hanafi bin Kemin (Kemin bin Osman)	Batu Pahat	1° 48' 51.26"	103° 3' 14.69"	1.04	1.04	25.70	26/06/2022	0180-01- 003
179	Samsuddin bin Sairi	Batu Pahat	1° 50' 57.08"	103° 5' 24.18"	0.33	0.23	2.50	26/06/2022	0181-01- 003
180	Ani bin Topani *	Batu Pahat	1° 46' 37.68"	103° 2' 15.65"	0.73	0.73	18.06	26/06/2022	0182-01- 003
181	Pagui hin Calihin	Batu Pahat	1° 47' 52.84"	103° 1' 34.28"	0.85	0.85	15.68	26/06/2022	0183-01- 003
	Basri bin Salihin	Batu Pahat	1° 47' 21.96"	103° 1' 49.44"	0.43	0.08	1.61	26/06/2022	0183-02- 003
182	Mohamad Yasin bin Yusof (Hairullizam bin Sudin)	Batu Pahat	1° 50' 9.08"	103° 3' 33.26"	1.95	1.82	17.28	26/06/2022	0184-01- 003
183	Zuraimi bin Musa (Ali Sabri bin Musa)	Batu Pahat	1° 48' 49.75"	103° 3' 45.36"	0.50	0.40	4.52	26/06/2022	0185-01- 003
184	Chumiran bin Rakimin	Batu Pahat	1° 48' 30.90"	103° 4' 59.05"	0.98	0.98	9.38	26/06/2022	0186-01- 003
185	Abd Kapi Bin Ikhsan (Sabarudin Bin Hussin)	Batu Pahat	1° 42' 36.47"	103° 8' 54.85"	0.70	0.70	9.22	26/06/2022	0187-01- 004





186	Sabarudin Bin Hussin	Batu Pahat	1° 42' 36.08"	103° 6' 5.35"	0.70	0.70	15.61	26/06/2022	0188-01- 004
187	Salim Bin Kasbin	Batu Pahat	1° 45' 36.01"	103° 14' 31.45"	0.61	0.49	5.19	26/06/2022	0189-01- 004
	(Alqahhar Bin Salim)	Batu Pahat	1° 45' 43.65"	103° 14' 32.17"	1.31	1.05	12.66	26/06/2022	0189-02- 004
188	Maswanah Bt Salim (Alqahhar Bin Salim)	Batu Pahat	1° 44' 17.87"	103° 10' 43.07"	1.65	1.12	12.96	26/06/2022	0191-01- 004
189	Anidah Binti Salim (Alqahhar Bin Salim) *	Batu Pahat	1° 44' 23.59"	103° 10' 44.33"	0.54	0.54	5.68	26/06/2022	0190-01- 004
190	Husairi Bin Jikan	Batu Pahat	1° 44' 4.89"	103° 10' 19.60"	0.88	0.72	21.21	26/06/2022	0192-01- 004
191	Sanisah Binti Safuan	Batu Pahat	1° 46' 9.39"	103° 10' 46.13"	1.02	1.02	10.56	26/06/2022	0193-01- 004
192	Jamaludin Bin	Batu Pahat	1° 43' 39.01"	103° 10' 11.14"	1.62	1.62	25.89	26/06/2022	0194-01- 004
	Rasid	Batu Pahat	1° 43' 41.04"	103° 10' 11.57"	1.60	1.35	22.64	26/06/2022	0194-02- 004
193	Mashori Bin Radiman	Batu Pahat	1° 44' 7.75"	103° 11' 21.01"	0.62	0.49	13.54	26/06/2022	0195-01- 004
194	Sharifah Binti Saleh	Batu Pahat	1° 43' 36.34"	103° 10' 8.65"	0.77	0.77	12.30	26/06/2022	0196-01- 004
195	Khamis Bin Amir	Batu Pahat	1° 44' 19.02"	103° 9' 48.24"	0.83	0.64	10.61	26/06/2022	0197-01- 004
196	Md Azhar Bin Agus *	Batu Pahat	1° 43' 54.65"	103° 10' 36.55"	1.77	1.37	13.07	26/06/2022	0198-01- 004
197	Mohamad Nor Bin Mohamad Ayub *	Batu Pahat	1° 43' 8.16"	103° 9' 19.33"	0.94	0.94	17.64	26/06/2022	0199-01- 004
198	Mohd Anuar Bin Shaid	Batu Pahat	1° 47' 4.07"	103° 10' 50.02"	0.91	0.81	16.16	26/06/2022	0200-01- 004
199	Mohamad Hisham Bin Saleh (Sharifah Binti Saleh)	Batu Pahat	1° 42' 57.53"	103° 10' 2.10"	1.15	1.15	20.41	26/06/2022	0201-01- 004





200	Mohd Jeffri Fuad	Batu Pahat	1° 47' 55.18"	103° 10' 9.23"	1.25	1.26	7.07	26/06/2022	0202-01- 004
	Bin Rahmat	Batu Pahat	1° 44' 23.57"	103° 9' 35.96"	0.87	0.87	11.72	26/06/2022	0202-02- 004
201	Mohd Sanin B Hj. Marzuki	Batu Pahat	1° 40' 39.19"	103° 10' 15.42"	3.75	1.88	25.96	26/06/2022	0203-01- 004
202	Nasarudin Bin Sudin (Saiful Amrin Bin Sudin)	Batu Pahat	1° 47' 45.02"	103° 10' 56.42"	0.74	0.74	3.27	26/06/2022	0204-01- 004
203	Nurazilawati Binti Sudin (Saiful Amrin Bin Sudin)	Batu Pahat	1° 47' 44.91"	103° 10' 58.94"	0.74	0.74	3.27	26/06/2022	0205-01- 004
204	Hairullizam Bin Sudin (Saiful Amrin Bin Sudin)	Batu Pahat	1° 47' 44.72"	103° 11' 1.43"	0.75	0.75	3.27	26/06/2022	0206-01- 004
205	Nurliana Binti Sudin (Saiful Amrin Bin Sudin)	Batu Pahat	1° 47' 45.26"	103° 10' 53.94"	0.73	0.73	3.27	26/06/2022	0207-01- 004
	Siti Anida Binti	Batu Pahat	1° 45' 9.24"	103° 11' 5.71"	1.83	1.07	7.76	26/06/2022	0208-01- 004
206	Sa'adon (Tengku Muhamad Haider Saiful Hizam Bin	Batu Pahat	1° 45' 10.23"	103° 11' 12.55"	0.62	0.62	4.53	26/06/2022	0208-02- 004
	Tengku Omar)	Batu Pahat	1° 45' 9.16"	103° 11' 12.34"	2.57	2.00	14.58	26/06/2022	0208-03- 004
207	Suratmun Bin Kadiman	Batu Pahat	1° 46' 59.19"	103° 11' 2.62"	1.38	1.38	27.21	26/06/2022	0209-01- 004
208	Takirip Bin Tahir *	Batu Pahat	1° 45' 23.30"	103° 11' 5.60"	1.40	1.19	26.23	26/06/2022	0210-01- 004
209	Mohd Torikat Bin Karian	Batu Pahat	1° 43' 8.85"	103° 11' 57.95"	0.89	0.79	15.59	26/06/2022	0211-01- 004
		Batu Pahat	1° 46' 34.76"	103° 10' 57.79"	0.46	0.46	7.77	26/06/2022	0212-01- 004
210	Zainab Binti Wagiman	Batu Pahat	1° 44' 26.61"	103° 10' 36.01"	0.35	0.35	5.93	26/06/2022	0212-02- 004
		Batu Pahat	1° 44' 28.24"	103° 10' 28.34"	0.84	0.59	10.37	26/06/2022	0212-03- 004





211	Armyza Binti Yaziz (Zainab Bin Wagiman)	Batu Pahat	1. 1° 44' 28.55"	103° 10' 28.81"	0.54	0.54	9.04	26/06/2022	0213-01- 004
212	Zaliza Bt Mohd Kasmir	Batu Pahat	1° 42' 49.18"	103° 10' 1.56"	1.27	1.27	23.20	26/06/2022	0214-01- 004
213	Munisah Bt Bulawi (Kamisan Bin Ihsan)	Batu Pahat	1° 45' 33.11"	103° 11' 19.72"	0.74	0.60	9.18	26/06/2022	0215-01- 004
214	Mohd Samuri Bin Hj Iksan (Kamisan Bin Ihsan)	Batu Pahat	1° 45' 33.53"	103° 11' 19.93"	0.74	0.74	9.45	26/06/2022	0216-01- 004
	Mohd Zamri Bin	Batu Pahat	1° 44' 15.92"	103° 10' 15.31"	1.02	1.02	29.83	26/06/2022	0217-01- 004
215	Mohd Shalihin	Batu Pahat	1° 44' 15.48"	103° 10' 16.54"	1.01	0.78	22.88	26/06/2022	0217-02- 004
216	Mohd Noh Bin Mohd Nasir (Mohd Nasir Bin Misran) *	Batu Pahat	1° 46' 52.26"	103° 11' 27.60"	1.85	1.58	23.39	26/06/2022	0218-01- 004
217	Mohd Subari Bin Kadman	Batu Pahat	1° 45' 31.41"	103° 11' 19.39"	1.55	1.55	17.54	26/06/2022	0219-01- 004
218	Mohammad Jumari Bin Montohar *	Batu Pahat	1° 47' 36.54"	103° 10' 54.26"	1.35	1.35	17.03	26/06/2022	0220-01- 004
219	Masran bin Saring	Pontian	1° 40' 26.96"	103° 19' 6.64"	2.21	2.21	22.82	26/06/2022	0309-01- 005
220	Hamidon Bin Abd Rahman *	Pontian	1° 42' 18.48"	103° 22' 36.01"	2.42	2.32	50.09	26/06/2022	0222-01- 005
221	Sukaimin Bin Abdullah	Pontian	1° 39' 3.60"	103° 16' 51.92"	0.74	0.74	12.76	26/06/2022	0223-01- 005
222	Sujak Bin Hussain (Azuan Riza Bin Sujak)	Pontian	1° 41' 26.47"	103° 20' 54.67"	1.99	1.99	24.48	26/06/2022	0224-01- 005
223	Zaidi Bin Sahuri (Abu Bakar Bin Sahuri) *	Pontian	1° 40' 20.33"	103° 21' 43.74"	1.48	1.28	22.09	26/06/2022	0225-01- 005
224	Suraya Binti Abdullah	Pontian	1° 40' 43.18"	103° 18' 27.25"	1.46	1.46	34.91	26/06/2022	0226-01- 005
225	Mohammad Gadafi Bin Ahmad (Suraya Binti Abdullah)	Pontian	1° 40' 44.39"	103° 18' 28.40"	0.49	0.49	11.64	26/06/2022	0227-01- 005

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226	Wagiran Bin Sipon (Mohamad Solehan Bin Wagiran)	Pontian	1° 38' 53.22"	103° 21' 49.72"	0.80	0.80	7.54	26/06/2022	0228-01- 005
227	Mohamad Solehan Bin Wagiran	Pontian	1° 39' 1.71"	103° 21' 42.01"	0.53	0.53	4.97	26/06/2022	0229-01- 005
228	Ramli bin Buang (Ismail Bin Buang) *	Pontian	1° 41' 19.43"	103° 21' 13.21"	1.56	1.56	21.99	26/06/2022	0230-01- 005
229	Noor Athirah binti Mohd Jaid (Rashidah Binti Bosri) *	Pontian	1° 38' 48.29"	103° 17' 26.05"	1.92	1.56	33.84	26/06/2022	0231-01- 005
230	Rosnah Binti Sabir	Pontian	1° 39' 45.19"	103° 19' 58.73"	1.35	1.01	14.25	26/06/2022	0232-01- 005
231	Subani Bin Sagi	Pontian	1° 38' 57.49"	103° 19' 52.61"	1.22	1.22	23.86	26/06/2022	0233-01- 005
232	Zaimi Bin Supangat	Pontian	1° 40' 52.88"	103° 20' 47.83"	0.93	0.93	4.12	26/06/2022	0234-01- 005
233	Mohd Surani Bin Sagi	Pontian	1° 41' 30.92"	103° 20' 58.34"	2.01	2.01	22.13	26/06/2022	0235-01- 005
234	Osman Bin Ismail	Pontian	1° 45' 8.27"	103° 16' 27.30"	2.48	2.29	8.49	26/06/2022	0236-01- 005
235	Rosman Bin Salleh (Suraja Bin Salleh)	Pontian	1° 37' 53.39"	103° 21' 51.23"	1.48	1.48	24.26	26/06/2022	0237-01- 006
236	Tijah Binti Dini (Hairol Azhar Bin Turimin)	Pontian	1° 41' 9.44"	103° 24' 19.87"	2.43	2.33	33.48	26/06/2022	0238-01- 006
237	Saliam Binti Jasuki (Amat Bin Ngalimon)	Pontian	1. 1° 38' 1.15"	103° 21' 43.99"	0.55	0.55	8.74	26/06/2022	0239-01- 006
238	Haron Bin Dak Yem	Pontian	1° 39' 52.70"	103° 20' 3.62"	1.55	1.55	4.48	26/06/2022	0240-01- 006
239	Mortinah Binti Mos (Sapuan Bin Salleh)	Pontian	1° 38' 10.67"	103° 22' 6.17"	1.11	1.11	12.90	26/06/2022	0241-01- 006
240	Mainah Binti Mos (Suraja Bin Salleh)	Pontian	1° 37' 32.15"	103° 21' 36.61"	0.81	0.81	6.91	26/06/2022	0242-01- 006
241	Mohd Radi Bin Mohd Noor	Pontian	1° 37' 29.92"	103° 20' 20.58"	1.74	1.29	30.35	26/06/2022	0243-01- 006





242	Md Tajab Bin Mohd Noor *	Pontian	1° 37' 29.60"	103° 20' 19.21"	1.74	1.40	31.49	26/06/2022	0244-01- 006
243	Mohd Mansor Bin Suratman	Pontian	1° 41' 58.85"	103° 21' 36.14"	0.83	0.83	23.97	26/06/2022	0245-01- 006
244	Mohd Tumin Bin Alip	Pontian	1° 39' 17.96"	103° 21' 25.52"	2.02	2.02	40.50	26/06/2022	0246-01- 006
245	Mohd Isman Bin Amid (Amid Bin Daliman)	Pontian	1° 32' 13.30"	103° 25' 17.62"	2.10	2.10	35.38	26/06/2022	0247-01- 007
246	Ismairah Binti Amid (Amid Bin Daliman)	Pontian	1° 31' 47.83"	103° 25' 45.44"	2.10	1.72	29.04	26/06/2022	0248-01- 007
247	Mohamad Isa Bin Amid (Amid Bin Daliman)	Pontian	1° 31' 56.34"	103° 25' 50.09"	1.00	0.81	13.66	26/06/2022	0249-01- 007
248	Amid Bin Daliman	Pontian	1° 33' 50.50"	103° 29' 56.51"	1.18	0.71	9.50	26/06/2022	0250-01- 007
249	Nordin Bin Salihin	Pontian	1° 31' 4.72"	103° 26' 23.64"	1.69	1.38	17.25	26/06/2022	0251-01- 007
250	Hanizam Bin Hamzah *	Pontian	1° 30' 44.01"	103° 26' 24.90"	0.69	0.57	17.64	26/06/2022	0252-01- 007
251	Mohd. Khan bin Hamzah (Hanizam Bin Hamzah) *	Pontian	1° 30' 45.28"	103° 26' 22.85"	0.69	0.59	17.39	26/06/2022	0253-01- 007
252	Yusak Bin Marjuni	Pontian	1° 31' 29.09"	103° 24' 43.88"	1.35	1.25	5.22	26/06/2022	0254-01- 007
253	Zakaria Bin Marjunit (Yusak Bin Marjunit)	Pontian	1° 31' 33.69"	103° 24' 47.48"	1.35	1.35	5.64	26/06/2022	0255-01- 007
254	Rosmiwati Binti Md Said	Pontian	1° 32' 7.77"	103° 26' 41.39"	1.27	1.12	7.81	26/06/2022	0256-01- 007
255	Ambok Liman bin Hadadek	Pontian	1° 39' 6.14"	103° 13' 58.08"	16.16	4.85	96.03	26/06/2022	0257-01- 008
	(Mohamad Bin Adenan) *	Pontian	1° 39' 6.56"	103° 13' 54.41"		4.45	72.16	26/06/2022	0257-02- 008
256	Bechek binti Abd Manah	Pontian	1° 39' 6.71"	103° 13' 55.09"	0.27	0.27	9.85	26/06/2022	0258-01- 008





257	Mana Bin Hj Dg Poindok (Bechek Binti Abd Manah)	Pontian	1° 37' 21.24"	103° 13' 9.48"	0.69	0.69	10.91	26/06/2022	0259-01- 008
258	Bechik Binti Newi (Bachok Bin Bokdalik)	Pontian	1° 37' 17.45"	103° 12' 47.74"	0.92	0.59	14.08	26/06/2022	0260-01- 008
259	Azizah Binti Ahmad (Idros Bin Kadarak) *	Pontian	1° 37' 23.25"	103° 15' 56.63"	0.78	0.78	12.99	26/06/2022	0261-01- 008
260	Muhamad Bin Andimori	Pontian	1° 35' 28.01"	103° 17' 21.59"	0.81	0.81	11.50	26/06/2022	0262-01- 008
261	Andek A.Kadir Bin Andek Perengding (Muhamad Bin Andimori)	Pontian	1° 35' 30.70"	103° 17' 22.45"	0.83	0.83	11.85	26/06/2022	0271-01- 008
262	Andimori Bin AndiPrening (Muhamad Bin Andimori)	Pontian	1° 35' 29.40"	103° 17' 22.02"	0.83	0.83	11.77	26/06/2022	0272-01- 008
263	Zaharah Binti Ambok Masek	Pontian	1° 36' 12.12"	103° 18' 10.48"	1.24	1.24	29.77	26/06/2022	0263-01- 008
	(Muhamad Bin Andimori)	Pontian	1° 40' 0.37"	103° 7' 58.08"	2.87	2.87	41.49	26/06/2022	0263-02- 008
264	Ismail Bin Ahmad	Pontian	1° 38' 27.60"	103° 13' 24.38"	1.94	1.50	37.57	26/06/2022	0264-01- 008
265	Muhamad bin Ambok Achok	Pontian	1° 37' 4.93"	103° 16' 4.62"	1.01	1.01	18.82	26/06/2022	0265-01- 008
266	Uzaini Bin Abd Reshat (Abd Reshat Bin Buhairah)	Pontian	1° 37' 43.39"	103° 13' 7.86"	1.36	1.36	26.32	26/06/2022	0266-01- 008
267	Andi Takdir Alamshah Bin Hj Md Noor *	Pontian	1° 39' 17.24"	103° 14' 43.19"	2.85	2.85	53.46	26/06/2022	0267-01- 008
268	Hjh Hadik Binti Daing Pelagu (Rosli bin Abd Rahman)	Pontian	1° 38' 9.11"	103° 11' 28.61"	3.41	3.42	24.23	26/06/2022	0268-01- 008
269	Mariam binti Ahmad (Alias)	Pontian	1° 37' 32.52"	103° 16' 1.60"	0.78	0.68	12.85	26/06/2022	0269-01- 008
270	Netty Binti Hj Jamal (Jamal)	Pontian	1° 34' 48.81"	103° 18' 41.08"	1.30	1.20	16.56	26/06/2022	0270-01- 008





		Batu	1° 45'	103° 3'					0273-01-
271	Juma'ah Binti Mukri	Pahat	32.68"	33.70"	0.75	0.56	18.04	26/06/2022	009
		Batu Pahat	1° 45' 22.66"	103° 3' 19.62"	0.66	0.66	16.39	26/06/2022	0273-02- 009
272	Farhah Binti Shariff (Noor) (Shariff (Noor) Bin Hj Omar)	Batu Pahat	1° 45' 18.31"	103° 3' 35.39"	0.41	0.41	8.04	26/06/2022	0274-01- 010
273	Falkhana Binti Shariff @ Noor (Shariff (Noor) Bin Hj Omar)	Batu Pahat	1° 45' 17.59"	103° 3' 27.76"	0.29	0.29	5.61	26/06/2022	0275-01- 010
274	Ramlah Binti Ismail (Shariff	Batu Pahat	1° 45' 25.31"	103° 3' 41.65"	0.23	0.23	4.75	26/06/2022	0276-01- 010
2/4	(Noor) Bin Hj Omar)	Batu Pahat	1° 45' 25.54"	103° 3' 42.41"	0.82	0.82	16.68	26/06/2022	0276-02- 010
275	Nazurah Binti Hassan	Batu Pahat	1° 45' 10.22"	103° 3' 39.67"	0.75	0.64	14.20	26/06/2022	0277-01- 010
276	Siti Mardiah Binti Tambi (Noor Azima Binti Abu Bakar)	Batu Pahat	1° 45' 27.99"	103° 3' 34.60"	0.49	0.38	7.74	26/06/2022	0278-01- 010
277	Siti Hawa Binti Tambi (Umi Kalthom Binti Tambi)	Batu Pahat	1° 45' 28.28"	103° 3' 37.80"	0.49	0.49	9.96	26/06/2022	0279-01- 010
278	Umi Kalthom Binti Tambi	Batu Pahat	1° 45' 26.34"	103° 3' 34.99"	0.47	0.37	8.20	26/06/2022	0280-01- 010
279	Jauyah Bt Tambi (Umi Kalthom Binti Tambi)	Batu Pahat	1° 45' 25.63"	103° 3' 35.06"	0.47	0.47	10.40	26/06/2022	0281-01- 010
280	Siti Supa'ati Binti Hj Zakaria *	Batu Pahat	1° 45' 29.12"	103° 5' 14.50"	0.96	0.97	23.54	26/06/2022	0282-01- 010
	Salim Bin Jauher	Batu Pahat	1° 45' 39.41"	103° 3' 38.41"	0.30	0.29	1.78	26/06/2022	0283-01- 010
281		Batu Pahat	1° 45' 38.40"	103° 3' 39.24"	0.30	0.30	1.84	26/06/2022	0283-02- 010
		Batu Pahat	1° 45' 38.00"	103° 3' 38.41"	0.30	0.17	1.03	26/06/2022	0283-03- 010





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282	Noorsiah Binti Noori	Batu Pahat	1. 1° 48' 12.16"	103° 4' 10.56"	0.53	0.53	0.00	26/06/2022	0284-01- 010
283	Rosnah Binti Noori	Batu Pahat	1° 48' 12.05"	103° 4' 32.20"	1.81	1.81	0.00	26/06/2022	0285-01- 010
284	Samadi @ Mandor Bin Abd Rahman	Batu Pahat	1° 45' 29.97"	103° 3' 34.56"	0.41	0.23	2.21	26/06/2022	0286-01- 010
285	Hassan Bin Samadi	Batu Pahat	1° 45' 38.63"	103° 3' 40.21"	1.20	1.20	13.80	26/06/2022	0287-01- 010
286	Hafidah Bt Samadi	Batu Pahat	1° 45' 39.28"	103° 3' 43.38"	0.39	0.39	4.09	26/06/2022	0288-01- 010
287	Latifah Bt Samadi	Batu Pahat	1° 45' 45.39"	103° 3' 42.26"	0.74	0.74	6.68	26/06/2022	0289-01- 010
288	Hafizah Binti Samadi	Batu Pahat	1° 45' 42.29"	103° 3' 42.70"	0.40	0.41	2.38	26/06/2022	0290-01- 010
289	Hafizan Bin Samadi	Batu Pahat	1° 45' 46.60"	103° 3' 41.98"	1.22	1.22	7.17	26/06/2022	0291-01- 010
290	Zulkifli Bin Hj Amran	Batu Pahat	1° 45' 56.30"	103° 3' 36.18"	0.86	0.86	4.28	26/06/2022	0292-01- 010
291	Hussin Bin Bakri	Batu Pahat	1° 47' 7.62"	103° 5' 18.20"	0.40	0.40	9.11	26/06/2022	0293-01- 010
292	Abd Rashid Bakri (Hussin Bin Bakri)	Batu Pahat	1° 47' 7.36"	103° 5' 18.42"	0.40	0.40	9.11	26/06/2022	0294-01- 010
293	Rosmah binti Bakri (Hussin Bin Bakri)	Batu Pahat	1° 47' 7.36"	103° 5' 19.03"	0.32	0.32	7.29	26/06/2022	0295-01- 010
294	Siti Khalilah Bakri (Hussin Bin Bakri)	Batu Pahat	1° 47' 7.35"	103° 5' 19.54"	0.32	0.32	7.29	26/06/2022	0296-01- 010
295	Siti Rafidah Bakri (Hussin Bin Bakri)	Batu Pahat	1° 47' 7.29"	103° 5' 20.00"	0.32	0.32	7.29	26/06/2022	0297-01- 010
296	Syukri Adli Bakri (Hussin Bin Bakri)	Batu Pahat	1° 47' 7.29"	103° 5' 20.51"	0.40	0.41	9.16	26/06/2022	0298-01- 010
297	Mahbob Bin Hussin	Batu Pahat	1° 45' 32.46"	103° 3' 34.45"	0.76	0.64	10.58	26/06/2022	0299-01- 012



298	Nor Riaty Bt Sadimin	Batu Pahat	1° 45' 23.83"	103° 4' 4.22"	0.34	0.34	4.60	26/06/2022	0300-01- 012
299	Ab Aziz Bin Sadimin	Batu Pahat	1° 45' 26.69"	103° 4' 3.61"	0.14	0.14	1.89	26/06/2022	0301-01- 012
300	Suliman Bt Sadimin	Batu Pahat	1° 45' 22.75"	103° 4' 4.55"	0.14	0.14	1.89	26/06/2022	0302-01- 012
301	Norela Binti Sadimin	Batu Pahat	1° 45' 27.81"	103° 4' 3.32"	0.74	0.41	4.42	26/06/2022	0303-01- 012
302	Juriah Binti Mohd Desah	Batu Pahat	1° 45' 6.89"	103° 5' 5.60"	0.58	0.43	6.78	26/06/2022	0304-01- 012
303	Fatimah Binti Md Desah	Batu Pahat	1° 45' 6.67"	103° 5' 3.73"	0.58	0.58	9.15	26/06/2022	0305-01- 012
304	Siti Halijah Binti Awang *	Batu Pahat	1° 46' 4.49"	103° 3' 26.17"	0.37	0.37	9.99	26/06/2022	0306-01- 012
305	Hamzah Bin Kajat	Batu Pahat	1° 45' 20.16"	103° 4' 2.75"	0.40	0.40	9.86	26/06/2022	0307-01- 012
306	Zainulariffin Bin	Batu Pahat	1° 45' 9.49"	103° 3' 32.08"	0.61	0.44	8.26	26/06/2022	0308-01- 012
300	Kusnin	Batu Pahat	1° 45' 23.58"	103° 3' 13.50"	0.50	0.50	5.64	26/06/2022	0308-02- 012
	TOTAL					363.89	5,366.43		

Notes:

Smallholders name *

- Sampled smallholders

- Existing smallholders additional plots



Appendix F: List of Abbreviations

a.i Active Ingredient

BOD Biochemical Oxygen Demand

CB Certification Bodies

CHRA Chemical Health Risk Assessment

COD Chemical Oxygen Demand

CPO Crude Palm Oil

CSPO Certified Sustainable Palm Oil
CSPKO Certified Sustainable Palm Kernel 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

IP Identity Preserved

IS - CSPO Independent Smallholder Certified Sustainable Palm Oil

IS – CSPKO Independent Smallholder Certified Sustainable Palm Kernel Oil
IS – CSPKE Independent Smallholder Certified Sustainable Palm Kernel Expeller

ISCC International Sustainable Carbon Certification

ISS Independent Smallholder Standard

LD50 Lethal Dose for 50 sample

MB Mass Balance

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
RSPO Roundtable on Sustainable Palm Oil

P&C Principles & Criteria

RTE Rare, Threatened or Endangered species SCCS Supply Chain Certification Standard

SEIA Social & Environmental Impact Assessment

SIA Social Impact Assessment SOP Standard Operating Procedure