

MALAYSIAN SUSTAINABLE PALM OIL - ANNUAL SURVEILLANCE ASSESSMENT 2 Public Summary Report

Client Company name

Client company Address: Pejabat Cawangan, MPOB Saratok, 1st & 2nd Floor, Taman Muhibah, 95400 Saratok, Sarawak, Malaysia

Certification Unit:

Saratok Sustainable Palm Oil Cluster (SPOC)

Location of Certification Unit: Saratok, Sarawak, Malaysia

Report prepared by:

Mohd Hafiz Bin Mat Hussain (Lead Auditor)

Report Number: 8676947

Assessment Conducted by:

BSI Services Malaysia Sdn Bhd, Unit 3, Level 10, Tower A The Vertical Business Suites, Bangsar South No. 8, Jalan Kerinchi 59200 Kuala Lumpur Tel +603 2242 4211 Fax +603 2242 4218 www.bsigroup.com



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Section 1: Executive Summary

1.1 Organizational Information and Contact Person					
MPOB License	N/A				
Company Name	Saratok Sustainable Palm Oil Cluster ((SPOC)			
Address	Pejabat Cawangan, MPOB Saratok, 1st & 2nd Floor, Taman Muhibah, 95400 Saratok, Sarawak, Malaysia				
Group name if applicable:	N/A				
Subsidiary of (if applicable)	N/A				
Contact Person Name	Pn Anna Sato Julai				
Website	- E-mail anna.sato@mpob.gov.my				
Telephone	+6013-8262618	Facsimile	-		

1.2 Certification Information					
Certificate Number	per MSPO 642176				
Issue Date	28 October 2015 Expiry date 27 October 2020				
Scope of Certification	Scope of Certification MPOB Sustainable Palm Oil Cluster (SPOC)				
Stage 1 Date	Stage 1 Date			21 October 2014	
Stage 2 / Initial Assessm (IAV)	Stage II Asse	essment: 3 Septem	ber 2015		
Continuous Assessment	Visit Date (CAV) 1	20 – 22 Dece	ember 2016		

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Continuous Assessmen	t Visit Date (CAV) 2	14 - 16 August 201	7	
Continuous Assessmen	t Visit Date (CAV) 3			
Continuous Assessmen	t Visit Date (CAV) 4			
Other Certifications				
Certificate Number	Standa	ard(s)	Certificate Issued by	Expiry Date
MPOB-CoP/SH/0004	MPOB Sustainable Pa (SPOC)	ılm Oil Cluster	МРОВ	18/12/16

1.3 Location of Certification Unit						
Name of the Certification Unit Site Address GPS Reference of the site office						
(Palm Oil Mill/ Estate/ Smallholder/ Independent Smallholder)		Longitude	Latitude			
Saratok Sustainable Palm Oil Cluster (SPOC)	Pejabat Cawangan, MPOB Saratok, 1st & 2nd Floor, Taman Muhibah, 95400 Saratok, Sarawak, Malaysia	111° 20′ 23.277″	1° 44′ 32.908″			

1.4 Plantings & Cycle							
Estato			Age (Years) - ha	1			
Estate	0 - 3	4 - 10	11 - 20	21 - 25	26 - 30		
N/A							



1.5 FFB Production (Actual) and Projected (tonnage)						
Producer Group	Projected from last audit	Actual production Aug 16 – July 17 or last 12 months	Projected production for next 12 months (Aug 17 – July 17)			
Saratok Sustainable Palm Oil Cluster (SPOC)	2,853.31 mt	7,101.39 mt	25,310.76 mt			

1.6 Certified CPO / PK Tonnage							
Mill	Estim (Previou	nated us Year)	Actual (T	his Year)	Forecast (Next Year)		
	СРО	PK	СРО	PK	СРО	PK	
N/A							



1.7 Details of Certification Assessment Scope and Certification Recommendation:

BSI Services Malaysia Sdn Bhd has conducted the Annual Surveillance Assessment 2 Certification Assessment of KOPERASI PENANAM SAWIT MAMPAN DAERAH SARATOK BERHAD (SPOC) located in Saratok, Sarawak, Malaysia comprising 220 smallholders (131 smallholders and 89 new smallholders), cooperative and infrastructure. During this assessment, the management had decided to exclude 89 smallholders and replace with 89 new members.

The assessment was conducted onsite to assess the compliance of the certification unit against the MS 2530-2:2013 Malaysian Sustainable Palm Oil (MSPO) Part 2: General principles for Independent Small holders and MSPO Guidance - Part 2(060814).

The onsite assessment was conducted on 14 – 16 August 2017.

Based on the assessment result, KOPERASI PENANAM SAWIT MAMPAN DAERAH SARATOK BERHAD (SPOC) complies with the MS 2530-2:2013 Malaysian Sustainable Palm Oil (MSPO) Part 2: General principles for Independent Small holders and MSPO Guidance - Part 2(060814) and recommended for certification.

Section 2: Assessment Process

Certification Body:

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BSI is a leading global provider of management systems assessment and certification, with more than 60,000 certified locations and clients in over 100 countries. BSI Standards is the UK's National Standards Body. BSI provides independent, third-party certification of management systems.

Assessment Methodology, Programme, Site Visits

This on-site assessment was conducted from 14 – 16 August 2017. The audit programme is included as Appendix A. The approach to the audit was to treat the KOPERASI PENANAM SAWIT MAMPAN DAERAH SARATOK BERHAD (SPOC) as a MSPO Certification Unit. A range of environmental and social factors were covered. This includes consideration of topography, palm age, proximity to areas with HBVs, declared conservation areas and local communities.

The methodology for collection of objective evidence included physical site inspections, observation of tasks and processes, interviews of staff, workers and their families and external stakeholders, review of documentation and monitoring data. MS 2530-2:2013 were used to guide the collection of information to assess compliance. The comments made by external stakeholders were also taken into account in the assessment.

The estates or smallholders sample were determined based on formula $N = 1.0\sqrt{y}$ where y is the number of estates while when applicable, the smallholders sample were determined following the MSPO Certification Requirement. The sampling of smallholders were based on the formula $(1.0\sqrt{y}) \times (z)$; where 1.0 is the risk factor (may defers ro 1.2 and 1.4 depending on risk), where y is total number of group members and where z is the multiplier defined by the risk assessment. The sampled smallholder listed in Appendix C.

Meetings were held with stakeholders to seek their views on the performance of the company with respect to the MSPO requirements and aspects where they considered that improvements could be made. At the start of each meeting, the interviewer explained the purpose of the audit followed by an evaluation of the relationship between



the stakeholder and the company before discussions proceeded. The interviewer recorded comments made by stakeholders and these have been incorporated into the assessment findings.

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

All the previous nonconformities are remains closed. The assessment findings for the Annual Surveillance Assessment 2 are detailed in Section 4.2.

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

This report was internally reviewed by approved Certification Reviewer prior to certification decision by BSI.

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

1. Assessment Program						
Name (Mill / Plantation / Group smallholders)	Year 1 (Certification)	Year 2 (ASA 1)	Year 3 (ASA 2)	Year 4 (ASA 4)	Year 5 (ASA 5)	
Saratok Sustainable Palm Oil Cluster (SPOC)	12 members	12 member	12 member & 10 new members	15 members	15 members	



Tentative Date of Next Visit: August 1, 2018 - Click here to enter a date.

Total No. of Mandays: 2.5

BSI Assessment Team:

Mohd Hafiz Bin Mat Hussain – Lead Assessor

He holds Bachelor Degree in Plantation Technology and Management, graduated from University Technology Mara (UiTM) on 2009. He has 4 years working experience in oil palm plantation industry. He also has the experiences as an auditor for several standards including ISO 9001, ISO 140001, OHSAS 18001, MSPO and RSPO in his previous certification body. He completed the ISO 9001 Lead Auditor Course, ISO 14001 Lead Auditor Course and OHSAS 18001 Lead Auditor Course in 2013, Endorsed RSPO P&C Lead Auditor Course in 2014 and MSPO Awareness Training in 2014. He had been involved in MSPO auditing since 2014 in more than various companies in Malaysia. During this assessment, he assessed on the aspects of legal, mill best practices, estate best practices, safety and health, environmental and workers and stakeholders consultation.



Section 3: Assessment Findings

3.1 Details of audit results

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

- ☑ MSPO MS 2530-2:2013 General Principles for Independent Smallholders
- ☐ MSPO MS 2530-3:2013 General Principles for Oil Palm Plantations and Organized Smallholders
- ☐ MSPO MS 2530-4:2013 General Principles for Palm Oil Mills

3.2 Summary of the findings by Principles and Criteria

Criterio	on / Indicator	Assessment Findings	Compliance			
4.1 Prin	4.1 Principle 1: Management commitment & responsibility					
Criterio	n 4.1.1 – Malaysian Sustainable Palm Oil (MSPO) Policy					
4.1.1.1	There shall be a policy binding smallholders to MSPO. Applicable to independent smallholders under group management. - Major compliance -	The MSPO Policy has been established which has been signed by Mohammad Hamizan, (Pengurus Koperasi) dated September 2014. Noted that the policy is communicated with smallholders through Annual Grand Meeting which was held on 25 th February 2017.	Yes			
Criterio	n 4.1.2 – Continual Improvement					
4.1.2.1	The action plan for continual improvement shall be based on the consideration for the main social and environmental impact and	The group manager had established a list identifying the social and environmental impact. Training for the smallholders in the event for improvement on the awareness of best practices and safety has been	Yes			

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Criterio	on / Indicator	Assessment Findings	Compliance
	opportunities of the independent smallholder's group, such as SPOC. Independent smallholders shall be aware of the need to understand the importance of continuous improvement. - Major compliance -	provided. For examples, the training " <i>Kursus sehari sawit dan promosi koperasi penanam sawit mampan Daerah Saratok Berhad"</i> was conducted on 28/2/2017 by MPOB (Unit TUNAS). The continual improvement communication with smallholder was conducted through annual grand meeting. The last meeting was held on the 25 th February 2017.	
4.1.2.2	Group management shall establish a system to improve practices in line with new information and techniques; and for disseminating this information throughout the group members. - Major compliance -	The new technologies or information will disseminate through training program, site visit and discussion. The record of the training has been organized from time to time. The record of the recommended action will be recorded in the 'Laporan lawatan khidmat nasihat' MPOB (as part of internal audit).	Yes
		Date Bahagian Remark 15/6/16 NCR Jln Engkudu Hilton (4.39 Ha) 10/8/17 NCR Lubok Renit Wong (4.04Ha) 23/6/16 NCR Kawit Stewari 4/8/17 NCR Kabo Kalong (3.38 Ha) 3/8/17 NCR Batang Kabo Agal (2.22 Ha) 25/7/17 NCR Awik Remai (2.01 Ha) 9/8/17 NCR Sg Berangan John (4.0 Ha) The monthly monitoring of FFB yield performance of the smallholder farms was monitored through "Rekod Penghantaran Buah Tandan Segar Sawit (BTS)".	
		Name Tonnage (mt) Aug 16 – Jul 17 Hakabi Bin Kaha 74.09 Ismail Anjau 71.08 Idrus@Derus B. Abang 105.42 Jerani@Jelani B. Bujang 41.41 Busrul@Nasrol B. Buseran 437.37	

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Criterio	on / Indicator	Assessi	ment Findings	Compliance	
		Jamalon B. Mat Sapeni B. Sahak Hassan B. Darani Hilton Entili John Ak Angga Remai Gelagai Wong Lee Bu Stewari@Steward Ak Sambaw Kalong Ak Jangi Agal Ak Jaga Lat Ak Mara Abg Mohamad Arbi Abg Omar Gobil B. Daud Aton B. Tar Roslin B. Wawee Sugi Ak Amaw Suni B. Rajuni	124.66 45.46 43.46 - - 35.31 64.86 - 24.79 50.60 78.18 24.06 16.56 84.83 67.35 13.14 107.42		
	ciple 2: Transparency n 4.2.1 – Traceability				
4.2.1.1	The group management shall commit itself to implement and maintain the requirements for traceability. - Major compliance -	The individual field record book sales data were collected on compiled into payment voucher the month of June/July 2017 we Name Hakabi Bin Kaha	monthly basis by Gr record as master list.	oup manager and	Yes

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Criterion / Indicator	Asses	sment Findings		Compliance
4.2.1.2 To keep records of sales and delivery or transportation of fresh fruit bunches. - Major compliance -	Ismail Anjau Idrus@Derus B. Abang Jerani@Jelani B. Bujang Busrul@Nasrol B. Buseran Jamalon B. Mat Sapeni B. Sahak Hassan B. Darani Remai Gelagai Wong Lee Bu Kalong Ak Jangi Aton B. Tar Roslin B. Wawee Suni B. Rajuni The record of weighbridge tick Mill was available with the gron Name Hakabi Bin Kaha Ismail Anjau Idrus@Derus B. Abang Jerani@Jelani B. Bujang Busrul@Nasrol B. Buseran Jamalon B. Mat Sapeni B. Sahak Hassan B. Darani Remai Gelagai Wong Lee Bu Kalong Ak Jangi Aton B. Tar Roslin B. Wawee	#250851 (July 17) #250774 (July 17) #248813 (June 17) #252142 (July 17) #250553 (July 17) #252295 (July 17) #250329 (July 17) #250329 (July 17) #253072 (July 17) #252133 (July 17) #252250 (Jul	5.22mt 5.17mt 5.33mt 4.94mt 4.80mt 5.72mt 5.56mt 1.46mt 1.13mt 0.96mt 5.52mt 5.35mt 6.58mt e Saratok Palm Oil Month July 2017	Yes

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Criterion / Indicator		Assessment Findings		Compliance		
4.3 Principle 3: Compliance to legal requirements						
Criterion 4.3.1 – Regulatory requirements						
4.3.1.1	Independent smallholders shall show awareness of compliance with all applicable local, state, national and ratified international laws and regulations.	Interview with the smallh- compliance with all applicate smallholders have obtained t checked:-	ole laws. Document	review f	ound all the 220	No
	- Major compliance -	Name	MPOB License	На.	Expiry	
		Hakabi Bin Kaha	493892- 30100	3.5	31/7/17	
		Ismail Anjau	489943- 001000	5	31/5/17	
		Idrus@Derus B. Abang	456472-101000	16.88	30/9/20	
		Jerani@Jelani B. Bujang	533991-201000	2.09	31/1/20	
		Busrul@Nasrol B. Buseran	243797-901000	19.75	31/7/20	
		Jamalon B. Mat	480689-001000	6.38	30/11/16	
		Sapeni B. Sahak	480659-801000	2.00	30/11/16	
		Hassan B. Darani	243787-101000	28.81	30/6/20	
		Hilton Entili	452811-301000	6.39	31/5/20	
		John Ak Angga	243881-901000	7.11	31/10/20	
		Remai Gelagai	464027-401000	2.01	28/2/21	
		Wong Lee Bu	532519-601000	4.04	30/11/19	
		Stewari@Steward Ak Sambaw	447361-101000	11.39	31/1/20	
		Kalong Ak Jangi	535529-201000	3.38	31/1/20	
		Agal Ak Jaga	480733-101000	3.9	30/11/21	
		Lat Ak Mara	439043-001000	10.02	31/7/19	
		Abg Mohamad Arbi Abg Omar	431851-801000	16.62	28/2/19	
İ		Gobil B. Daud	243356-601000	10.42	31/7/19	
I		Aton B. Tar	490414-001000	9.76	31/5/17	

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Criterio	n / Indicator	Asse	essment Findin	gs		Compliance
Criterio	14.3.2 – Lands use rights	Roslin B. Wawee Sugi Ak Amaw Suni B. Rajuni However, compliance with reffectively. MPOB License expired: 1. Hakabi Bin Kaha, MPOB License Ismail Anjau, MPOB License Jamalon B. Mat, MPOB License Jamalon B. Sahak, MPOB License Jamalon B. Sahak, MPOB License Jamalon B. Tar, MPOB License Thus, Major NCR was raised	of the sampled wo License No: 493892 ense No: 489943- icense No: 480689- icense No: 480659- e No: 490414-00100	orkers be 2- 30100 001000, 001000, 801000,	elow were found 1, Expiry: 31/7/17 2, Expiry: 31/7/17 Expiry: 30/11/16 Expiry: 30/11/16	
4.3.2.1	Independent smallholders shall demonstrate rights to their landholdings and there is no evidence of major land disputes. - Major compliance -	Most of the land that owned license was the proof of lega		s are NC	R land and MPOB	Yes
Criterio	Criterion 4.3.3 – Customary rights					
4.3.3.1	Independent smallholders shall demonstrate customary rights to their landholdings Note: Where recognized customary or legally owned land has been taken over and where there is documentary proof of a transfer of rights (e.g. sale) and of payment or provision of agreed compensation.	land ownership for the NCR lands as it is recognised by the village heads.		Yes		

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Criterio	on / Indicator	Assessment Findings	Compliance	
	- Major compliance -			
4.3.3.2	Maps of an appropriate scale showing extent of recognized customary rights land, if any, should made available. - Minor compliance -	A sketch map of the smallholder's farm was available and the group manager can ensure that no overlapping with the neighbour by the number of palms as compare to the size as approved in the MPOB license. The survey map, Saratok District Suitability for Oil Palm also available at site office which was carried out by GIS Cawangan Pengurusan Tanah, Jabatan Pertanian Kuching Sarawak 2012.	Yes	
4.4 Prin	ciple 4: Social responsibility, health, safety and employn	nent condition		
Criterio	n 4.4.1: Complaints and grievances			
4.4.1.1	Independent smallholders shall be able to respond to complaints that are raised by their neighbours or other stakeholders. - Major compliance -	The established complaint and grievances system for internal and external "Carta Aliran Aduan Anggota KPSM Daerah Saratok Berhad" and "Borang Aduan Anggota KPSM Daerah Saratok Berhad" were implemented. The group manager is the responsible person to response to any complaints or grievances received. The complaint log book was placed at Tunas Office. Review of the complaint record log book found no complaint or grievances was recorded as to date.	Yes	
4.4.1.2	The local system should be able to resolve disputes. - Minor compliance -	The established complaint and grievances system for internal and external "Carta Aliran Aduan Anggota KPSM Daerah Saratok Berhad" and "Borang Aduan Anggota KPSM Daerah Saratok Berhad" were implemented. The group manager is the responsible person to response to any complaints or grievances received. The complaint log book was placed at Tunas Office. Review of the complaint record log book found no complaint or grievances was recorded as to date.	Yes	
Criterio	n 4.4.2: Employees safety and health			
4.4.2.1	Independent smallholders need not have a formal health and safety plan but shall ensure that all work practices are safe.	The group manager has conducted training "Kursus sehari sawit dan promosi koperasi penanam sawit mampan Daerah Saratok Berhad" on 28/2/2017 on the safe working practice and proper use of PPE. The management also distribute pamphlet on how to manage weed in the field.	Yes	

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Criterio	n / Indicator	Assessment Findings	Compliance
	- Major compliance -	The group management has purchased PPE's such as hand glove, rubber boot, apron, safety helmet and face mask to distribute to the group members by end of this year. The MPOB officers also conduct regular visits to the smallholder farms to ensure the implementation. The record of the accidents reports, "Rekod kemalangan kerja di kebun ahli koperasi penanam sawit mampan Daerah Saratok Berhad" was available. Noted that, there is no accident happened in 2016.	
Criterio	1 4.4.3: Employment conditions		
4.4.3.1	For independent smallholders with temporary workers, work conditions shall be in accordance with a mutual verbal agreement made transparently and freely.	This indicator is not applicable to this group of smallholder as there were no workers being employed in the smallholding as it was managed by themselves and their respective family members.	Yes
	- Minor compliance -		
4.4.3.2	Independent smallholders & group managers shall provide equal opportunity and treatment regardless of race, gender, religion, political affiliation, nationality, social origin or other distinguishing characteristics and shall not engage in or support discriminatory practices in line with national aspiration.	This indicator is not applicable to this group of smallholder as there were no workers being employed in the smallholding as it was managed by themselves and their respective family members.	Yes
	- Minor compliance -		
4.4.3.3	Group managers for Independent smallholders shall ensure that worker's pay and conditions meet legal standards as per mutual agreements.	This indicator is not applicable to this group of smallholder as there were no workers being employed in the smallholding as it was managed by themselves and their respective family members.	Yes

Criterion / Indicator		Assessment Findings	Compliance	
	- Major compliance -			
4.4.3.4	In cases where on-site living quarters are provided, these quarters shall be habitable and have basic amenities, where available and practical.	This indicator is not applicable to this group of smallholder as there were no workers being employed in the smallholding as it was managed by themselves and their respective family members.	Yes	
	- Major compliance -			
4.4.3.5	Children and young persons are not to be employed or exploited. The minimum age and conditions of employment shall comply with local, state or national legislation. Work by children is acceptable on family farms, under adult supervision, and when it does not interfere with their education. Children are not to be exposed to hazardous working conditions.	Young persons and children were not observed working in the farm during the visit. Interview with the smallholders found they are aware of the importance of education and allow their children's to attend school.	Yes	
	- Major compliance -			
Criterio	n 4.4.4: Training and competency			
4.4.4.1	Independent smallholders are encouraged to seek knowledge to increase their competency in oil palm management. - Minor compliance -	Group Manager together with the "Pegawai Tunas Kawasan" on-site MPOB Officers had planned and conducts regular trainings for the smallholders. Smallholders' interview found that they always seek advice from group manager and MPOB officers to increase their competency in oil plam management. Sample of training record checked; the training "Kursus sehari sawit dan promosi koperasi penanam sawit mampan Daerah Saratok Berhad" was conducted on 28/2/2017 by MPOB (Unit TUNAS) and 'Laporan lawatan khidmat nasihat' MPOB (as part of internal audit).	Yes	
4.5 Prin	ciple 5: Environment, natural resources, biodiversity and	l ecosystem services		
Criterio	n 4.5.1: Environmental Management Plan			



Criterio	on / Indicator	Assessment Findings	Compliance
4.5.1.1	Independent smallholders are expected to be aware of the environmental impact but are not expected to undertake any formal impact assessment unless there is a legal requirement. - Minor compliance -	Smallholders are trained by the group manager on the environmental Impacts. Last training was conducted on 28/2/2017, "Kursus sehari sawit, seminar pembangunan pekebun kecil" for all smallholders. Interview with smallholders found they were able to explain the environmental impacts and needs for the protection of environment.	Yes
Criterio	4.5.2: Efficiency of energy use and use of renewable energy		
4.5.2.1	The use of renewal energy should be applied where possible. - Minor compliance -	Group manager keep the record of energy use per tonne FFB produce on daily basis for those use the cooperative transport. The plan for Renewable energy use namely "Jadual Rancangan Penyelenggaraan Lori 2016" and "rekod penggunaan bahan api (diesel)" were established. For the month of July 17, total amount of diesel used was 470.59 Litre.	Yes
Criterio	1 4.5.3: Waste management and disposal		
4.5.3.1	All waste products and sources of pollution shall be identified by the group manager. - Major compliance -	Identification of waste products and sources of pollution was identified by the group manager. The group manager has conducted training to all smallholders on 28/2/2017, "Kursus sehari sawit, seminar pembangunan pekebun kecil" with regards to safety, GAP and on the identification of agriculture waste and its management guidelines.	Yes
4.5.3.2	Group managers shall ensure that waste from the smallholdings is disposed of appropriately. Smallholders shall adopt local and national legislation to dispose of hazardous chemicals and their containers. - Major compliance -	The group manager has conducted refresher training to all smallholders on 28/2/2017, "Kursus sehari sawit, seminar pembangunan pekebun kecil" with regards to safety, GAP and the agriculture waste management guidelines. The MPOB officers also conduct regular visits to the smallholder farms to ensure the proper disposal of hazardous chemicals and their containers by the smallholders. Interview with smallholders and visit to the smallholders' farms found that the empty chemical containers and empty fertilizer bags were re-use for spraying and harvesting activity.	Yes



Criterion / Indicator		Assessment Findings	Compliance		
Criterio	Criterion 4.5.4: Natural water resources				
4.5.4.1	Group managers should ensure that Independent smallholders can demonstrate that they understand the need to maintain the quality and availability of surface and ground water and steps are being taken for its implementation. - Minor compliance -	"Kursus sehari sawit, seminar pembangunan pekebun kecil" was conducted on 28/2/2017 to covers the need to maintain the quality and availability of surface and ground water. Smallholders interviewed are able to explain the needs and steps were taken such as no blanket spraying, maintenance of riparian buffer zones and etc.	Yes		
4.5.4.2	Water harvesting practices should be implemented. - Minor compliance -	Rain water harvesting has been implemented by the smallholders that are being used for pre-mix of agrochemicals.	Yes		
Criterio	n 4.5.5: Status of rare, threatened, or endangered species and I	nigh biodiversity value			
4.5.5.1	Group manager or relevant government agency should ensure that Independent smallholders are able to show a basic understanding of any species or habitats of concern, together with their conservation needs. Information on protected species and their habitat with high biodiversity value may be obtained from relevant government agencies, such as the Forestry Department, Forest Research Institute of Malaysia and the Wildlife Department.	Interview of smallholders found that they are able to show a basic understanding of any species or habitats of concern, together with their conservation needs. The group manager has managed to conduct the awareness training on the conservation of flora and fauna during Annual Grand Meeting which was held on 25/2/2017. Group manager also has distributed a poster on "haiwan dan tumbuh-tumbuhan terlindung sepenuhnya di Sarawak" to all smallholders during "Kursus sehari sawit, seminar pembangunan pekebun kecil" on 28/2/2017.	Yes		
	- Minor compliance -				



Criterion / Indicator		Assessment Findings	Compliance
4.5.6.1	Independent smallholders shall not practice open burning during land preparation for oil palm cultivation or replanting, unless with the permission of relevant state authorities. - Major compliance -		
4.6 Prin	ciple 6: Best Practices		
Criterio	n 4.6.1: Site Management		
4.6.1.1	Group managers & relevant government agencies should encourage all independent smallholders' to implement best practices such as the MPOB Codes of Practice, Malaysian Standards and the Kod Amalan Baik (GAP) Pekebun Kecil. - Minor compliance -	Group manager and MPOB officers (Pegawai Tunas) conduct regular inspection following the MPOB Good Agricultural Practice. Trainings on best practices have been given to smallholders during "Kursus sehari sawit, seminar pembangunan pekebun kecil" on 28/2/2017. Field visit found that smallholders are implementing best practices such as frond stacking, road maintenance, water management and etc.	Yes
4.6.1.2	A visual identification or reference system shall be established for each field or block of oil palm planting by group manager (where practical).	Boundary markers between Smallholders were marked with frond stacking, trenches, construction of subsidiary drain and coconut trees. Majority farms were NCR lands where there were no disputes noted.	Yes
	- Major compliance -		
Criterio	n 4.6.2: Economic and financial viability plan		
4.6.2.1	Group manager shall establish a documented business or management plan to demonstrate attention to economic and financial viability.	Annual budget namely "Belanjawan Koperasi Penanam Sawit Mampan Bagi Tahun 2017 (Sept 17-Aug 18)" has been prepared by Group manager for the year 2017. The budget includes FFB Projection, FFB transport costing, Fertilizer costing, office administration costing and etc. The budget has	Yes



Criterio	n / Indicator	Assessment Findings	Compliance
	- Major compliance -	been presented during the annual grand meeting dated 25 February 2017 and agreed by the cooperative members.	
Criterior	4.6.3: Transparent and fair price dealing		
4.6.3.1	Independent smallholders are encouraged to communicate with and have consultations with dealers, millers, local communities and other affected or interested parties. - Minor compliance -	Group manager with the assistance of MPOB has negotiated FFB pricing with Saratok Palm Oil Mill for the smallholders FFB dated 18/1/2012. There were no disputes on the payment noted during the audit. Group manager keeps a copy of all the FFB sales records. The monthly report by Saratok palm oil mill namely FFB Price computation – Koperasi MPOB for the month of May 17 (RM531.41), June 17 (RM501.87) and July 17 (RM494.69) were sighted.	Yes
4.7 Princ	ciple 7: Development of new planting		
Criterior	1 4.7.1: Oil palm shall not be planted on land with a high biodiv	ersity value	
4.7.1.1	Independent smallholders shall not plant oil palm on land with high biodiversity value as identified by local, state and national legislation. - Major compliance -	MPOB officers (Pegawai Tunas) and Agricultural department officers conduct field inspection prior to new planting to verify the area for soil suitability and availability of high biodiversity value in the smallholders land using form TBS01. Noted that, in 2015 and 2016 no new planting was carried out by smallholders.	Yes
Criterior	1 4.7.2: Soil Survey		
4.7.2.1	Independent smallholders should obtain information on soil types, topography and their suitability for oil palm plantings from the relevant government agency. New planting plans should be prepared in consultation with extension service officers.	Agricultural department provide information on soil types, topography and their suitability for oil palm planting. Topography maps namely Digital Soil Map was available at site office.	Yes
	- Minor compliance -		

Criterion / Indicator		Assessment Findings	Compliance
Criterio	n 4.7.3: Extensive planting on steep terrain, marginal and fragile	e soils	
4.7.3.1	Extensive planting on steep terrain, marginal and fragile soils, shall be avoided unless permitted by local legislation. Independent smallholders who establish new plantings on steep terrain, marginal and fragile soils, should adopt appropriate and viable conservation measures. - Major compliance -	In 2015 - 2017, there is no new planting was carried out by smallholders.	Yes



3.3 Details of Nonconformities and Opportunity for improvement

The nonconformity is listed below.

During the Certification Assessment there were 1 (one) Major nonconformities raised. The Saratok Sustainable Palm Oil Cluster (SPOC) 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 Major Nonconformity(ies) has been verified for it effectiveness and closed accordingly.

	Major Nonconformities:				
Ref	Ref Area/Process Clause				
NC ID from eReport	1515156-201708-M1	4.3.1.1			
Requirements:	Independent smallholders shall show awareness of compliance with all applicable local, state, national and ratified international laws and regulations.				
Statement of Nonconformity:	Compliance with relevant legal requirements did not implement effectively.				
Objective Evidence:	e: MPOB License of the sampled workers below were found expired 1. Hakabi Bin Kaha, MPOB License No: 493892- 30100, Expiry: 31/7/12 2. Ismail Anjau, MPOB License No: 489943- 001000, Expiry: 31/7/12 3. Jamalon B. Mat, MPOB License No: 480689-001000, Expiry: 30/11/16 4. Sapeni B. Sahak, MPOB License No: 480659-801000, Expiry: 30/11/16 5. Aton B. Tar, MPOB License No: 490414-001000, Expiry: 31/5/17				
Corrections:	Issued a letter to a smallholder and ask them to renew the license as soon as possible.				
Root cause analysis:	No specific staff responsible to monitor expiry of the licenses for smallholders under MPOB Saratok.				



Corrective Actions:	Appoint staff to moitored the MPOB licenses for all smallholder.
Assessment Conclusion:	Evidence submitted found adequate. Closed on 21/8/2017.

Opportunity For Improvement					
Ref	Area/Process	Clause			
NC ID from eReport	1515156-201708-I1 4.5.2.1				
Requirements:	The use of renewal energy should be applied where possible.				
Objective Evidence: It is recommended that the use of renewal energy should be monitored in diesel per tonne FFB.					

	Noteworthy Positive Comments
1	The SPOC Saratok Group management has maintained a very good relationship with the local community and other stakeholders.
2	Good commitment and cooperation from both group management and members were towards MSPO certification was noted throughout the audit.

3.4 Status of Nonconformities Previously Identified

No NCR raised during previous assessment.

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3.5 Issues Raised by Stakeholders

IS#	Description
1	Issues: Positive feedback from all stakeholders during stakeholder interview
	Management Responses: Maintain good relationship with them.
	Audit Team Findings: No other issue

3.6 Summary of the Nonconformities and Status

CAR Ref.	CLASS	ISSUED	STATUS
1515156-201708-M1	MAJOR	16/8/17	Closed on 21/8/17



4.0 Assessment Conclusion and Recommendation:

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

Based on the findings during the assessment Saratok Sustainable Palm Oil Cluster (SPOC) Certification Unit complies with the MS 2530-2:2013. It is recommended that the certification of Saratok Sustainable Palm Oil Cluster (SPOC) Certification Unit is approved and/or continued.

Acknowledgement of Assessment Findings	Report Prepared by
Name: ANNA SATO JULAI	Name: Mohd Hafiz bin Mat Hussain
Company name: Malaysian Palm Oil Board	Company name:
	BSI Services Malaysia Sdn. Bhd.
Title: Internal Control System (Ics)	Title: Lead Auditor
Signature:	Signature:
Caps.	Han Con E
Date: 7/11/2017	7.
1	Date: 6/11/2017

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Appendix A: Assessment Plan

PRELIMINARY AGENDA PRELIMINARY AGENDA				
Date	Time	Subjects	Hafiz	
Sunday 13/8/17	AM	Audit Team travelling to the site.	√	
Monday 14/8/17	Monday 08.30 – 09.00 Opening Meeting:		√	
	09.00 – 12.00	Field Inspection: Field visit, boundary inspection, fertilizer application, field spraying, harvesting, workers interview, buffer zone, Conservation area, Office, workshop, Agriculture Best Practices, Chemical store and mixing, etc.	√	
	12.00-13.00	Break		
	15.00 – 16.30	Field Inspection: Field visit, boundary inspection, fertilizer application, field spraying, harvesting, workers interview, buffer zone, Conservation area, Office, workshop, Agriculture Best Practices, Chemical store and mixing, etc.	√	
	16.30 - 17.00	Interim Closing briefing	√	
Tuesday 15/8/17	08.30 - 12.30	Field Inspection: Field visit, boundary inspection, fertilizer application, field spraying, harvesting, workers interview, buffer zone, Conservation area, Office, workshop, Agriculture Best Practices, Chemical store and mixing, etc. Meeting with stakeholders (Government, village rep, smallholders, Workers Leader, contractor etc.)	√	
	12.30 - 13.30		√	
	13.30 – 16.30	Document Audit: Public documents, SOPs, Policies, Internal audit, Production & Supply chain records, FFB pricing, Review on SEIA documents and records, payment records, complaint records, workers records, training records, permits, CIP, etc	✓	
	16.30 - 17.00	Interim Closing Briefing	√	
Wednesday	8.30 – 10.30	Continue with unfinished element		
16/8/17	10.30 - 11.30	Verify any outstanding issues & Preparation for closing meeting	√	
	11.30 - 12.30	Closing Meeting	√	
	PM	Audit Team travelling back to KL.	√	



Appendix B: List of Stakeholders Contacted

Internal Stakeholders Group Manager MPOB Officers (Pegawai Tunas Kawasan) MPOB Officers (HQ) Cooperative Assistant Cooperative Smallholders	External Stakeholders Malaysian Palm Oil Board FFB Supplier FFB Transport contractor Representative Rh Belang Ensawa, Kerian Head of members, Kg Kupang
Group Members sampled (Old Members)	Group Members sampled (New Members)
Hakabi Bin Kaha	Ismail Anjau
Busrul@Nasrol B. Buseran	Idrus@Derus B. Abang
Hassan B. Darani	Jerani@Jelani B. Bujang
Hilton Entili	Jamalon B. Mat
John Ak Angga	Sapeni B. Sahak
Remai Gelagai	Wong Lee Bu
Stewari@Steward Ak Sambaw	Kalong Ak Jangi
Lat Ak Mara	Agal Ak Jaga
Abg Mohamad Arbi Abg Omar	Sugi Ak Amaw
Gobil B. Daud	Suni B. Rajuni
Aton B. Tar	
Roslin B. Wawee	

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Appendix C: Smallholder Member Details

A) Existing Smallholders

No	Name of smallholder	Year Planted	Land Area (ha)	Forecast FFB (Mt/ha/year)
1	Abdul Arif Bin Saudi	2003	1.68	40.32
2	Abdul Rahman Bin Bakar	2005	1.35	32.40
3	Abdul Rahman Bin Mos	2007	1.35	32.40
4	Abdul Rashid Bin Hj. Sebai	2009	1.35	32.40
5	Abdul Samad Ugas Bin Abdullah	2008	3.96	95.04
6	Abdul Taib Bin Sulaiman	1999	6.00	108.00
7	Abdul Taip Bin Bakar	2004	2.10	50.40
8	Abg Mohd Ali Bin Abg Pauzi	2010	2.02	48.48
9	Abg Rashid Bin Endeng	2005	0.37	8.88
10	Abg. Budiman Bin Abg. Ulis	2004	5.10	122.40
11	Abg. Mohamad Arbi Bin Abg. Omar	2006	16.62	398.88
12	Abg. Morni Bin Ahmad	2004	5.00	120.00
13	Abg. Seman Bin Abg. Latap	2003	7.07	169.68
14	Abu Seman Bin Ujang	2008	4.05	97.20
15	Agak Ak Dinpi	2009	2.02	48.48
16	Ahmad Bin Hj. Assim	2007	5.06	121.44
17	Ainie Bin Narawi	2004	1.00	24.00

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18	Al-Hadi Bin Sulong	2004	10.00	240.00
19	Amat Bin Apang	2006	6.03	144.72
20	Ameran Bin Drahman	2008	1.35	32.40
21	Amin Bin Udin	2007	4.39	105.36
22	Andrew Peterson Ak Sembilan	2008	3.20	76.80
23	Ani Bin Kundang	2005	1.50	36.00
24	Arbi Bin Omar	2007	2.70	64.80
25	Aton Bin Tar	2008	2.70	64.80
26	Awang Rahmat Bin Pengiran Assim	1999	2.00	36.00
27	Awg Mohamad Bin Png Hassim	2006	6.00	144.00
28	Azeha Bin Jabeli	2004	8.00	192.00
29	Azmi@Azami Bin Chapik	1998	4.00	72.00
30	Baba Ak Jimbai	2008	1.35	32.40
31	Badul Bin Tiga	2006	4.00	96.00
32	Bajut Ak Jeli	1999	28.58	514.44
33	Bakar Bin Man	2007	4.70	112.80
34	Baul Ak Sa	2000	2.00	36.00
35	Belayau Ak Rajet	2006	8.80	211.20
36	Beliang Ak Beti	2008	3.00	72.00
37	Biju Ak Bayang	2009	3.00	72.00

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38	Bolhi Bin Johari	2005	1.35	32.40
39	Bolhi@Badar Bin Hamdan	2010	21.95	526.80
40	Borhan Bin Unai	2005	4.00	96.00
41	Bujang Bin Anis	2004	2.00	48.00
42	Bunyau Ak Kasa	2007	3.37	80.88
43	Busrul @ Nasrol Bin Buserah	2003	9.00	216.00
44	Busut Ak Dang	2005	9.00	216.00
45	Chaling Ak Geroge	2009	5.00	120.00
46	Chue Ak Janggat	2009	2.09	50.16
47	Chundi Ak Umbih	2007	2.02	48.48
48	Chungat Ak Uju	2008	3.78	90.72
49	Dunggat Ak Ganai	2006	4.67	112.08
50	Deget Bin Mantasin	2006	3.00	72.00
51	Dolah@Dolah Bin Abg Jaya	2009	2.27	54.48
52	Dominic Ak Dian	2008	1.35	32.40
53	Fadli Bin Othman	2007	12.55	301.20
54	Drahman Bin Ayup	2006	1.00	24.00
55	Duek Ak Kelimbang	2006	4.00	96.00
56	Edward Ak Usang	2004	6.07	145.68
57	Embie Ak Ibit	2005	4.20	100.80

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58	Evelyn Ak Galau	2008	2.02	48.48
59	Fazilah Binti Ahmad	2008	0.33	7.92
60	Gani Bin Bujang	2004	6.60	158.40
61	Gena Ak Unding	2007	10.33	247.92
62	Gobil Bin Daud	1998	6.42	115.56
63	Haidzir Bin Saufi	2007	2.56	61.44
64	Hamsah Binti Kawi	2005	1.35	32.40
65	Hasan Bin Li	2010	4.64	111.36
66	Hassan Bin Barahim	2008	2.70	64.80
67	Hassan Bin Darani	2006	5.88	141.12
68	Hilton Ak Entili	2008	2.36	56.64
69	Hj. Asgar Bin Mohamad	2007	7.09	170.16
70	Ho Thung Kie	2008	2.70	64.80
71	Hossen Bin Pawi	2004	5.00	120.00
72	Ikhwan Bin Rajuli	2004	2.00	48.00
73	Ismail Bin Bujang	2006	1.82	43.68
74	Jamain Bin Lee	2008	0.54	12.96
75	Janau Ak melina	2008	3.90	93.60
76	Jelie Ak anyan	2004	5.00	120.00
77	Jembu Ak Ensok	2006	3.40	81.60

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78	Jifriee Bin Mashohor	2009	2.00	48.00
79	Jit Ak Dugat	2006	3.38	81.12
80	John Ak Angga	2005	4.00	96.00
81	John Ak Ingom	1993	18.50	333.00
82	John Ak Lemada@John Ejop	2004	4.05	97.20
83	Johnny Ak Bandang	2007	8.52	204.48
84	Jonathan Lin Ak sabang	2003	5.14	123.36
85	Junaidi Bin Ajis	2004	3.60	86.40
86	Kawi Bin Dollah	2005	4.00	96.00
87	Kawi Bin Manan	1998	4.00	72.00
88	Khalid Bin Mohd Rambli	2000	2.40	43.20
89	Kusairi Bin Tar	2007	12.38	297.12
90	Labu Ak Jimbau	2004	4.05	97.20
91	Lat Ak Mara	2007	2.02	48.48
92	Lee Kiat Shin	2009	7.30	175.20
93	Mahrup Bin Seron	2005	3.45	82.80
94	Majang Ak Samuel	2007	2.70	64.80
95	Michael Juan Ak Latih	2006	2.20	52.80
96	Muhd Musa Bin Abdul Ghani	2007	3.00	72.00
97	Muli Ak Enggan	2009	2.02	48.48

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98	Nasir Bin Madeli	2007	5.74	137.76
99	Nordin Bin Sli	2005	4.00	96.00
100	Nyuin Ak Angat	2004	28.00	672.00
101	Phillip Ak Nyalang	2003	5.40	129.60
102	Rajuni Bin Meludin	2000	3.80	68.40
103	Ramlee Bin Sanyut	2006	5.06	121.44
104	Hakabi Bin Kaha	2003	2.50	60.00
105	Ramli Bin Unji	2007	1.40	33.60
106	Reayah Binti Brahim	1998	16.17	291.06
107	Remai Ak Glagai	1993	1.00	18.00
108	Roslin Binti Wawee	2008	3.04	72.96
109	Sabini@sapeni B Uli	2005	5.00	120.00
110	Saffiee@Safiee Bin Junaidi	1997	30.06	541.08
111	Senawi Bin Manan	2005	4.02	96.48
112	Stewari@Steward Ak Sambaw	2007	5.23	125.52
113	Sulaiman Bin Eten	2007	10.00	240.00
114	Sulaiman Bin Taha	2006	2.02	48.48
115	Suleiman Bin Madeli	1997	5.00	90.00
116	Taib Bin Ilin	2007	2.16	51.84
117	Tatol@Katol Ak Untol	2007	2.36	56.64

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131	Mohd Amin Bin Japar	1998	10.86	195.48
130	Zulkipli Bin Hasim	2004	1.00	24.00
129	Zulkhibri Bin Jarawi	2007	2.70	64.80
128	Zaidie Bin Awi	2008	29.19	700.56
127	Yusuf Bin Safiee	2006	1.08	25.92
126	Yu Boon Hii	2005	3.25	78.00
125	Wilfred Empati Ak Lamit	2006	6.00	144.00
124	Wat Ak Sedin	2008	3.04	72.96
123	Wan Sukeran Bin Tku Mut	1997	7.05	126.90
122	Wan Fauzi Bin Wan Akil	2008	3.38	81.12
121	Umpit Ak Guan	2005	5.00	120.00
120	Tuah Bin Zen	2009	6.14	147.36
119	Tuah Bin Denan	2005	5.00	120.00
118	Tayuk Bin Badullah Hassim	2007	3.45	82.80

B) New Smallholders

No	Name of smallholder	Year Planted	Land Area (ha)	Forecast FFB (Mt/ha/year)
1	Abg Bohri Abg Abdillah	2011	1.00	24.00
2	Agal Ak Jaga	2008	3.90	93.60
3	Andam@Sulin Ak Brayun	2013	23.94	287.28

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4	Andre Dana Ak Luat	2009	2.70	64.80
5	Angelina Rendu Ak Ambrose @ Ambu	2008	18.18	436.32
6	Anyom Ak Awat	1999	5.06	91.08
7	Augustine A/L Santek	2012	1.00	12.00
8	Augustine Ak Jelaing	2009	2.70	64.80
9	Awangku Ramlan B Awangmuda	2010	30.40	729.60
10	Baki Ak Chemagat	2000	4.05	72.90
11	Bantin Ak Jelemen	2006	2.60	62.40
12	Billy Ak Anyom	1999	5.06	91.08
13	Bolhan Bin Ikai	2011	1.00	24.00
14	Carrer Ak Agon	2013	6.75	81.00
15	Chundi Ak Sadan	2011	1.01	24.24
16	Dyg Samsah Bt Abg Abdillah	2011	1.00	24.00
17	Fredrick Juan	2009	1.68	40.32
18	Gani Bin Ladi	2008	2.02	48.48
19	Ganing Jebul	2009	10.81	259.44
20	Genoi Ak Pangkas	2000	4.05	72.90
21	Girik Ak Nyalong	2011	1.35	32.40
22	Gundie Ak Ansi	2008	3.39	81.36
23	Haniah Bt Raduan	2011	1.00	24.00

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24	Hazizam Bin Rajuni	2014	6.28	75.36
25	Henry Ak Kelikut	2009	4.19	100.56
26	Hosen Bin Dolah	2008	1.80	43.20
27	Idrus @ Derus B Abang	2006	16.88	405.12
28	Ijau Ak Chemagat	2000	4.05	72.90
29	Intai Ak Ungkie	2009	2.40	57.60
30	Ismail Anjau	2008	5.00	120.00
31	Jabu Ak Chundie	2009	4.02	96.48
32	Jahari @ Jahani Bin Salleh	2009	3.29	78.96
33	Jamalon B Mat	2009	6.38	153.12
34	Jandie Munan	2009	0.67	16.08
35	Jangan Achang	2008	3.11	74.64
36	Janta Ijau	2000	4.05	72.90
37	Janting Ak Entinggie	2012	3.38	40.56
38	Jemawie Bin Kawi	2006	4.05	97.20
39	Jenah Ak Lampak	2012	14.86	178.32
40	Jerani @ Jelani Bin Bujang	2012	2.09	25.08
41	Jiffery Bin Raduan	2011	1.00	24.00
42	Jimbai Ak Tapang	2010	1.35	32.40
43	Jimbau Ak Genu	2012	1.00	12.00

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44	Jonathan Ng	2011	2.70	64.80
45	Joseph Ayum	2009	5.68	136.32
46	Juin Janggie	2000	4.05	72.90
47	Kalong Janggie	2013	3.38	40.56
48	Kusunanto Bin Awi	2011	2.00	48.00
49	Laki @ Entan Bt Osman	2009	1.57	37.68
50	Lamba Ak Lawen	2012	2.00	24.00
51	Langgan Ak Sukun	2012	2.00	24.00
52	Led Bin Ajis	2009	4.18	100.32
53	Lihi Bin Aris	2008	3.50	84.00
54	Lim Wee Chai	2008	16.50	396.00
55	Luta Ak Janting	2000	4.05	72.90
56	Mahyuddin Bin Puteh	2012	3.20	38.40
57	Maimunah B Budin	2012	4.93	59.16
58	Manggat Ak Jambol	2012	2.36	28.32
59	Mek Chemagat	2000	4.05	72.90
60	Mohamad Zamri Awi	2009	1.48	35.52
61	Mohammad Abdullah Bin Raduan	2011	1.00	24.00
62	Mohammad Busri Bin Rajuni	2013	13.51	162.12
63	Morni Bin Dris	2011	2.88	69.12

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64	Morshidi Bin Boo	2009	2.67	64.08
65	Muda A/L Bata	2009	2.70	64.80
66	Munan Bangit	2009	2.43	58.32
67	Mus Bin Kundai	2011	3.66	87.84
68	Nerawi Bin Udin	2007	9.44	226.56
69	Nurhafizah Bt Othman	2011	10.14	243.36
70	Othman B Saperi	2010	34.26	822.24
71	Rahmat B Mut	2009	27.02	648.48
72	Rasit Ak Dang	2008	11.22	269.28
73	Roslan B Kalan	2008	6.62	158.88
74	Rumi Anak Keripin	2000	4.05	72.90
75	Sa'anah Bt Ajis	2011	1.00	24.00
76	Sabeli Bin Mut	2008	1.53	36.72
77	Saokah Bt Abdullah	2011	1.00	24.00
78	Sapeni Bin Sahak	2009	2.00	48.00
79	Satar Bin Jamain	2008	18.91	453.84
80	Sip Bin Ladi	2010	1.69	40.56
81	Sugi Ak Amaw	2011	1.35	32.40
82	Suni Bin Rajuni	2014	6.75	81.00
83	Tambi Ak Jerah	2009	2.02	48.48

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	TOTAL	472.29	9865.32	
89	Zoljamali B Abg Abdillah	2011	1.00	24.00
88	Zainorin B Junaidi	2011	1.00	24.00
87	Zaidi Bin Goos	2009	1.49	35.76
86	Wong Lee Bu	2007	4.04	96.96
85	Tareni Bin Bt Raduan	2011	1.00	24.00
84	Tangan Ak Sembuak	2012	3.78	45.36



Appendix D: List of Abbreviations Used

AN Ammoniacal Nitrogen BOD Biological Oxygen Demand

CHRA Chemical Health Risk Assessment

DOSH Department of Occupational Safety & Health

EFB Empty Fruit Bunch

EMS Environmental Management System

FFB Fresh Fruit Bunch

GAP Good Agriculture Practice
GMP Good Manufacturing Practice
IPM Integrated Pest Management

ISCC International Sustainable Carbon Certification

MSDS Material Safety Data Sheet MPOB Malaysian Palm Oil Board MSPO Malaysian Sustainable Palm Oil

O&G Oil and Grease PK Palm Kernel

PPE Personal Protective Equipment PQR Performance Quality Rating

RC Re-Certification

RED Renewable Energy Directive

SEIA Social & Environmental Impact Assessment

SIA Social Impact Assessment
SOP Standard Operating Procedure
SPOC Sustainable Palm Oil Cluster

SS Suspended Solids
TN Total Nitrogen
TS Total Solids

VFA Volatile Fatty Acids