



INTERNAL AUDIT DIVISION

REPORT 2014/048

Audit of waste management in United Nations Mission in South Sudan

Overall results relating to the effective management of waste in the United Nations Mission in South Sudan were assessed as unsatisfactory. Implementation of two critical and four important recommendations remains in progress

FINAL OVERALL RATING: UNSATISFACTORY

11 June 2014

Assignment No. AP2013/633/11

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AUDIT REPORT

Audit of waste management in the United Nations Mission in South Sudan

I. BACKGROUND

1. The Office of Internal Oversight Services (OIOS) conducted an audit of waste management in the United Nations Mission in South Sudan (UNMISS).
2. In accordance with its mandate, OIOS provides assurance and advice on the adequacy and effectiveness of the United Nations internal control system, the primary objectives of which are to ensure (a) efficient and effective operations; (b) accurate financial and operational reporting; (c) safeguarding of assets; and (d) compliance with mandates, regulations and rules.
3. Waste management practices are governed by the Department of Peacekeeping Operations (DPKO)/Department of Field Support (DFS) Environmental Policy and supported by draft Environmental Guidelines.
4. The Director of Mission Support (DMS) was responsible for the Mission's compliance with the environmental policies and operating procedures and was liaising with the Force Commander on waste management. The Environmental Compliance Unit was responsible for environmental oversight, coordination, and management of actions on environment issues in the Mission, and was staffed with one Environmental Officer reporting to the Head of the Engineering Section.
5. At the time of the audit, UNMISS had approximately 6,600 military personnel and 2,706 civilian staff. For 2011/2012 and 2012/2013, UNMISS spent \$1.9 million for the installation and repair of wastewater treatment plants in addition to \$209,019 spent from 9 July 2011 to 30 September 2013 for contracted solid waste disposal services in Juba.
6. Comments provided by UNMISS are incorporated in italics.

II. OBJECTIVE AND SCOPE

7. The audit was conducted to assess the adequacy and effectiveness of UNMISS governance, risk management and control processes in providing reasonable assurance regarding the **effective management of waste in UNMISS**.
8. The audit was included in the OIOS 2013 risk-based work plan due to the health, environmental and reputational risks related to improper handling, storage and disposal of waste.
9. The key controls tested for the audit were: (a) project management; and (b) coordinated management. For the purpose of this audit, OIOS defined these key controls as follows:
 - (a) **Project management** - controls that provide reasonable assurance that there is sufficient project management capacity to achieve mandates and facilitate the effective management of waste.
 - (b) **Coordinated management** - controls that provide reasonable assurance that potential overlaps in the performance of waste management activities are mitigated, and that issues

affecting or involving relevant actors across the United Nations system are identified, discussed and resolved timely and at the appropriate forum.

10. The key controls were assessed for the control objectives shown in Table 1.

11. OIOS conducted this audit from June to September 2013. The audit covered the period from 9 July 2011 (the start of the Mission) to 30 September 2013.

12. OIOS conducted an activity-level risk assessment to identify and assess specific risk exposures, and to confirm the relevance of the selected key controls in mitigating associated risks. Through interviews, analytical reviews and tests of controls, OIOS assessed the existence and adequacy of internal controls and conducted necessary tests to determine their effectiveness.

III. AUDIT RESULTS

13. UNMISS governance, risk management and control processes examined were initially assessed as **unsatisfactory** in providing reasonable assurance regarding the **effective management of waste in UNMISS**. OIOS made seven recommendations to address the issues identified. UNMISS prepared a Mission-specific environmental policy and guidelines, and designated an Environmental Engineer as its environmental focal point. However, additional resources needed to be allocated to ensure adequate oversight of waste management activities and to provide training and guidance to staff on waste management. There was also a need to: (a) expedite the installation and repair of wastewater treatment plants and ensure that they were operated by qualified personnel; (b) establish monitoring mechanisms to ensure that contractors regularly collected and disposed of solid waste at authorized disposal sites; and (c) address instances of non-compliance with the requirements for disposing hazardous waste.

14. The initial overall rating was based on the assessment of key controls presented in Table 1 below. The final overall rating is **unsatisfactory** as implementation of two critical and four important recommendations remains in progress.

Table 1: Assessment of key controls

Business objective	Key controls	Control objectives			
		Efficient and effective operations	Accurate financial and operational reporting	Safeguarding of assets	Compliance with mandates, regulations and rules
Effective management of waste in UNMISS	(a) Project management	Unsatisfactory	Unsatisfactory	Partially satisfactory	Unsatisfactory
	(b) Coordinated mechanisms	Partially satisfactory	Partially satisfactory	Partially Satisfactory	Partially Satisfactory
FINAL OVERALL RATING: UNSATISFACTORY					

A. Project management

Environmental action plans needed improvement

15. The DPKO/DFS Environmental Policy required the Environmental Officer to create an environmental action plan, based on the Mission's environmental objectives that included: specific achievable, realistic and timely targets for environmental protection measures; and actions to be undertaken.

16. The UNMISS environmental action plans for the fiscal years 2011/12 and 2012/13 included 7 specific goals to be achieved and 32 related actions and success criteria. However, these plans were not realistic considering the limited capacity of the Mission during its start-up phase. Moreover, UNMISS actions to be undertaken did not include estimated completion dates. The responsibilities for achieving each specific target were not stated in the plans and there was no provision for documenting and updating the implementation status of all the actions to be undertaken.

17. As a result of the above, only eight of the 32 actions to be undertaken were completed. UNMISS could not implement the following important actions: (a) recordkeeping and effective environmental information system to collect data on the volume and types of waste produced; (b) construction and maintenance of storm drainage system in all Mission locations; and (c) installation of generator houses on concrete surfaces with drainage systems to allow the separation of oil and water and with concrete spill or drip containment padding to prevent soil contamination.

(1) UNMISS should update its environmental action plan to include specific, achievable, realistic and time-bound targets for environmental protection measures and actions to be undertaken as required by the DPKO/DFS environmental policy.

UNMISS accepted recommendation 1 and provided a copy of the UNMISS Action Plan which had been adjusted to include specific, achievable, realistic and time-bound targets for environmental protection measures and actions to be undertaken at the State level by UNMISS relevant sections/units in accordance with DPKO/DFS environmental policy and with the UNMISS Environmental Policy and Guidelines and Detailed Guidelines on Waste Management. Based on the action taken by UNMISS, Recommendation 1 has been closed.

Inadequate resources allocated to waste management activities

18. The DPKO/DFS Environmental Policy required each mission to establish an environmental officer position reporting to the Director of Mission Support with responsibilities to coordinate and provide advice and training on environmental issues. It also required each mission's budget to include adequate financial resources for supporting the environmental policy and the environmental objectives of the Mission, including the Environmental Officer and other human resources dedicated for this purpose.

19. The staffing structure of the UNMISS Environmental Compliance Unit was not sufficient to ensure effective waste management in all field locations in the Mission as explained below:

(a) The Environmental Compliance Unit was functioning with a single staff member, an Environmental Engineer who was also assigned two other responsibilities as the Head of the Water and Sanitation Unit and the Mission Focal Point for Field Occupational Safety and Health. The Environmental Engineer allocated most of his time on Water and Sanitation Unit duties due

to frequent technical problems encountered in the supply and treatment of water within the Mission;

(b) There were no focal points within the Military component to liaise with the Environmental Compliance Unit and to deal with environmental issues;

(c) UNMISS had not appointed environmental engineers in any of the 10 State capitals as required by the UNMISS environmental policy. Environmental issues in State capitals were instead handled by UNMISS engineers who did not have sufficient backgrounds, knowledge, skills and appropriate training in environmental issues; and

(d) DFS issued instructions requiring mission environmental officers to be placed under the direct supervision of the DMS to ensure adequate environmental oversight. However, in UNMISS, the Environmental Unit was reporting to the Chief Engineer who was also responsible for implementing some of the waste management functions.

20. These shortcomings resulted in inadequate monitoring and reporting of the Mission's waste management activities. For example: (a) systematic and regular inspections of waste management facilities in UNMISS were not conducted; (b) training on waste management was not provided to Mission personnel and military contingents; and (c) periodic reports on mission environmental compliance were not prepared and submitted to senior management. Further, UNMISS did not collect and report to DFS on the volume and different types of waste produced, recycled and disposed of. The last monthly report on environmental performance was prepared by UNMISS in July 2012.

(2) UNMISS should increase the capacity of the Environmental Compliance Unit to ensure that it is effective in implementing its environmental oversight responsibilities of waste management, and place the Unit under the direct supervision of the Director of Mission Support.

UNMISS accepted recommendation 2 and stated that the process of increasing the capacity of its Environment Compliance Unit was ongoing and should be completed by 30 June 2014. UNMISS also appointed environmental focal points (military engineering staff officers in each State). Recommendation 2 remains open pending receipt of evidence that the UNMISS Environmental Compliance Unit has sufficient capacity to implement its environmental oversight responsibilities of waste management and the Unit is placed under the direct supervision of the Director of Mission Support.

(3) UNMISS should take action to ensure that its Environmental Compliance Unit performs the waste management functions required by the DPKO/DFS Environmental Policy, including collecting data on the volume and types of waste produced, conducting regular inspections of Mission locations, training staff on waste management and reporting periodically to senior management on the Mission's environmental performance.

UNMISS accepted recommendation 3 and was taking action to increase the monitoring and control capacities of its Environmental Compliance Unit in terms of staffing and implementation of tasks and responsibilities per UNMISS Guidelines on Waste Management. Recommendation 3 remains open pending receipt of evidence that the Environmental Compliance Unit is performing its waste management functions as required per the DPKO/DFS and UNMISS Environmental Policy.

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

Inadequate practices for the disposal of solid waste

26. The DPKO/DFS Environmental Policy required missions to take measures to ensure the proper disposal of solid waste to avoid degradation of the environment and verify that waste leaving the site was taken to appropriately authorized and controlled waste management facilities.

27. UNMISS did not implement adequate procedures for the safe and environmentally sound disposal of solid waste in the nine Mission locations visited. For example: (a) in all locations, a regular schedule of solid waste collection was not in place resulting in excessive accumulation of trash, attracting rodents and posing health risks; (b) in five locations visited, solid waste including food waste, papers and plastic bottles were either being burned or were disposed of in unfenced public disposal sites; (c) in Wau, the UNMISS waste disposal site was in close proximity to the airport terminal and the site was not secured, resulting in scavengers, including birds representing a hazard to aircraft; and (d) in six locations visited, no written authorization was obtained from local authorities for using their waste disposal sites.

28. Moreover, UNMISS did not undertake ongoing monitoring, including periodic spot-checks to inspect disposal procedures, of the activities of the contractors responsible for disposing waste. The lack of monitoring was mainly due to staffing constraints.

(5) UNMISS should: (a) work with the respective government authorities to ensure that approvals are obtained for waste disposal sites used for the disposal of Mission waste; and (b) establish monitoring mechanisms to ensure that contractors regularly collect and properly dispose of solid waste at authorized disposal sites.

UNMISS accepted recommendation 5 and stated that approvals were obtained from governmental authorities in Juba and Yambio. However, due to the ongoing crisis in South Sudan that erupted in December 2013, UNMISS had been unable to obtain the official governmental approval where applicable. UNMISS further stated that it had established monitoring mechanisms to ensure that contractors regularly collect and properly dispose of solid waste. Recommendation 5 remains open pending receipt of copies of approvals from the respective government authorities for use of waste disposal sites and OIOS verification that monitoring mechanisms have been established to ensure that contractors collect and properly dispose of solid waste at authorized disposal sites.

Hazardous waste was not properly contained, stored and disposed of

29. Procedures for the segregation, storage and disposal of hazardous waste in UNMISS were not complied with. OIOS observed in locations visited: (a) piles of used tires, batteries, oil filters, used oil drums, used vehicle spare parts and scrap metals that were stored haphazardly on the ground without proper shade or on top of sea containers/prefabricated accommodation units; and (b) the absence of records for hazardous items that had accumulated since the start of the Mission.

30. The above resulted as UNMISS had not implemented a plan to dispose of old spare parts and scrap metals, and contingents had not been adequately informed of the procedures to monitor and keep records of hazardous materials.

(6) UNMISS should address instances of non-compliance with the requirements for disposing hazardous waste, including used tires, batteries, oil filters, used vehicle spare parts, scrap metals, and used oil drums.

UNMISS accepted recommendation 6 and stated that a review of instances of non-compliance and required actions were ongoing. Recommendation 6 remains open pending receipt of evidence that hazardous waste are properly monitored, stored and disposed of in accordance with the established procedures and guidelines.

B. Coordinated management

Internal coordination of environmental and waste management activities needed to improve

31. Waste management activities involved various sections within the Mission, and the roles and responsibilities for waste management were clearly defined and assigned to various parties as per the approved detailed guidelines on waste management. However, UNMISS did not implement a system to ensure that various stakeholders were carrying out their assigned roles and responsibilities. As a result, OIOS observed several poor waste management practices during its site visits. To improve the situation, improved coordination mechanisms needed to be implemented.

(7) UNMISS should establish coordination mechanisms such as an Environmental Committee and Sub-committees within the Mission to facilitate the sharing of information, to promote waste management best practices among Mission staff and ensure these practices are implemented consistently.

UNMISS accepted recommendation 7 and stated that that it was in the process of establishing proper cooperation mechanisms between various sections involved in waste management activities. UNMISS further stated that it intended to have such mechanisms established by the end of October 2014. Recommendation 7 remains open pending receipt of evidence that an Environmental Committee has been established in UNMISS and it is functioning effectively as intended.

IV. ACKNOWLEDGEMENT

32. OIOS wishes to express its appreciation to the Management and staff of UNMISS for the assistance and cooperation extended to the auditors during this assignment.

(Signed) David Kanja
Assistant Secretary-General for Internal Oversight Services

STATUS OF AUDIT RECOMMENDATIONS

Audit of waste management in the United Nations Mission in South Sudan

Recom. no.	Recommendation	Critical ¹ / Important ²	C/ O ³	Actions needed to close recommendation	Implementation date ⁴
1	UNMISS should update its environmental action plan to include specific, achievable, realistic and time-bound targets for environmental protection measures and actions to be undertaken as required by the DPKO/DFS environmental policy.	Important	C	Action taken.	Implemented
2	UNMISS should: increase the capacity of the Environmental Compliance Unit to ensure that it is effective in implementing its environmental oversight responsibilities of waste management; and place the Unit under the direct supervision of the Director of Mission Support.	Critical	O	Receipt of evidence that the UNMISS Environmental Compliance Unit has sufficient capacity to implement its environmental oversight responsibilities of waste management and the Unit is placed under the direct supervision of the Director of Mission Support.	30 June 2014
3	UNMISS should take action to ensure that its Environmental Compliance Unit performs the waste management functions required by the DPKO/DFS Environmental Policy, including collecting data on the volume and types of waste produced, conducting regular inspections of Mission locations, training staff on waste management and reporting periodically to senior management on the Mission's environmental performance.	Important	O	Receipt of evidence that the Environmental Compliance Unit is performing its waste management functions as required including collecting data on the volume and types of waste produced, conducting regular inspections of Mission locations, training staff on waste management and reporting periodically to senior management on the Mission's environmental performance.	30 June 2014

¹ Critical recommendations address significant and/or pervasive deficiencies or weaknesses in governance, risk management or internal control processes, such that reasonable assurance cannot be provided regarding the achievement of control and/or business objectives under review.

² Important recommendations address important deficiencies or weaknesses in governance, risk management or internal control processes, such that reasonable assurance may be at risk regarding the achievement of control and/or business objectives under review.

³ C = closed, O = open

⁴ Date provided by UNMISS in response to recommendations.

STATUS OF AUDIT RECOMMENDATIONS

Audit of waste management in the United Nations Mission in South Sudan

Recom. no.	Recommendation	Critical ⁵ / Important ⁶	C/ O ⁷	Actions needed to close recommendation	Implementation date ⁸
5	UNMISS should: (a) work with the respective government authorities to ensure that approvals are obtained for waste disposal sites used for the disposal of Mission waste; and (b) establish monitoring mechanisms to ensure that contractors regularly collect and properly dispose of solid waste at authorized disposal sites.	Important	O	Receipt of copies of approvals from the respective government authorities for use of waste disposal sites and receipt of evidence that monitoring mechanisms has been established to ensure that contractors collect and properly dispose of solid waste at authorized disposal sites.	30 June 2014
6	UNMISS should address instances of non-compliance with the requirements for disposing hazardous waste, including used tires, batteries, oil filters, used vehicle spare parts, scrap metals, and used oil drums.	Important	O	Receipt of evidence that hazardous waste are properly monitored, stored and disposed of in accordance with the established procedures and guidelines.	31 October 2014

⁵ Critical recommendations address significant and/or pervasive deficiencies or weaknesses in governance, risk management or internal control processes, such that reasonable assurance cannot be provided regarding the achievement of control and/or business objectives under review.

⁶ Important recommendations address important deficiencies or weaknesses in governance, risk management or internal control processes, such that reasonable assurance may be at risk regarding the achievement of control and/or business objectives under review.

⁷ C = closed, O = open

⁸ Date provided by UNMISS in response to recommendations.

STATUS OF AUDIT RECOMMENDATIONS

Audit of waste management in the United Nations Mission in South Sudan

Recom. no.	Recommendation	Critical ⁹ / Important ¹⁰	C/ O ¹¹	Actions needed to close recommendation	Implementation date ¹²
7	UNMISS should establish coordination mechanisms such as an Environmental Committee and Sub-committees within the Mission to facilitate the sharing of information, to promote waste management best practices among Mission staff and ensure these practices are implemented consistently.	Important	O	Receipt of evidence that an Environmental Committee has been established in UNMISS and it is functioning effectively as intended.	31 October 2014

⁹ Critical recommendations address significant and/or pervasive deficiencies or weaknesses in governance, risk management or internal control processes, such that reasonable assurance cannot be provided regarding the achievement of control and/or business objectives under review.

¹⁰ Important recommendations address important deficiencies or weaknesses in governance, risk management or internal control processes, such that reasonable assurance may be at risk regarding the achievement of control and/or business objectives under review.

¹¹ C = closed, O = open

¹² Date provided by UNMISS in response to recommendations.

APPENDIX I

Management Response

United Nations  Nations Unies
UNITED NATIONS MISSION IN SOUTH SUDAN
(UNMISS)
Tel: +1-917 367 5023 || Fax: +1 917 367 3523

To: Ms. Eleanor T. Burns, Chief
Peacekeeping Audit Service
Internal Audit Division, OIOS
Date: 07 April 2014

From: Hildé F. Johnson, Special Representative
of the Secretary-General

Subject: **Draft Report on the audit of Waste Management in the United Nations Mission in South Sudan (Assignment No. AP2013/633/11)**

1. Reference is made to your memorandum dated 4 December 2013 on the audit of waste management in UNMISS.
2. Attached please find our comments on the specific recommendations listed in Annex 1 of the draft report of the auditors.
3. UNMISS would like to thank the auditors for their assistance in improving waste management in UNMISS.
4. Should you have additional questions, please do not hesitate to contact us.

Thank you and best regards.

Attachments: Appendix 1 along with Annexes

cc: Ms. Stephani L. Scheer, Director of Mission Support
Mr. Kofi Johnson, Service Delivery Manager
Mr. Paul Egunsola, Chief of Staff
Mr. Ibrahim Bah, Chief Resident Auditor

Management Response

Audit of waste management in the United Nations Mission in South Sudan

Rec. no.	Recommendation	Critical ¹³ / Important ¹⁴	Accepted? (Yes/No)	Title of responsible individual	Implementation Date	Client comments
1	UNMISS should update its environmental action plan to include specific, achievable, realistic and time-bound targets for environmental protection measures and actions to be undertaken as required by the DPKO/DFS environmental policy.	Important	Yes	Environmental Engineering Unit	Fully implemented	UNMISS environmental waste management action plan attached (UNMISS Action Plan) has been adjusted to include specific, achievable, realistic and time-bound targets for environmental protection measures and actions to be undertaken at the state level by UNMISS relevant sections/units in accordance with DPKO/DFS environmental policy and with UNMISS “Environmental Policy and Guidelines” and “Detailed Guidelines on Waste Management” here attached.
2	UNMISS should increase the capacity of the Environmental Compliance Unit to ensure that it is effective in implementing its environmental oversight responsibilities of waste management; and place the Unit under the direct supervision of the Director of Mission Support.	Critical	Yes but UNMISS has decided that EEU and WATSAN remain under Engineering Section.	Chief Engineer	Ongoing 30/06/2014	The process of increasing the environmental capacity of UNMISS through its Environment Engineering Unit (EEU) and Water Sanitation Unit (WATSAN) is ongoing. <u>EEU</u> : Ideally, EEU should have a chief, two officers at Mission HQ and environmental officers in the ten States of South Sudan. When the audit took place, there was only one Environmental engineer who was

¹³ Critical recommendations address significant and/or pervasive deficiencies or weaknesses in governance, risk management or internal control processes, such that reasonable assurance cannot be provided regarding the achievement of control and/or business objectives under review.

¹⁴ Important recommendations address important deficiencies or weaknesses in governance, risk management or internal control processes, such that reasonable assurance may be at risk regarding the achievement of control and/or business objectives under review.

Management Response

Audit of waste management in the United Nations Mission in South Sudan

Rec. no.	Recommendation	Critical ¹³ / Important ¹⁴	Accepted? (Yes/No)	Title of responsible individual	Implementation Date	Client comments
						<p>also responsible for the water and sanitation unit. Since the Audit, UNMISS has increased the capacity of the EEU by relieving the chief of the EEU of his Water and Sanitation responsibilities.</p> <p>To ensure environmental management and monitoring of waste management in the 10 States of South Sudan, the Mission has also appointed Environmental Focal Points (Military Engineering Staff Officer) in each State.</p> <p>In addition, UNMISS is in the process of recruiting a NPO Environmental Officer for UNMISS HQ.</p> <p><u>WATSAN</u>: The capacity of WATSAN has been increased by the recruitment of a new chief fully dedicated to this unit. In addition, UNMISS is in the process of recruiting two UNVs WATSAN Technicians to increase waste water management in the States.</p> <p>The on-going recruitment of staff and UNVs for EEU and WATSAN should be completed by 30 June 2014. Provision has also been made</p>

Management Response

Audit of waste management in the United Nations Mission in South Sudan

Rec. no.	Recommendation	Critical ¹³ / Important ¹⁴	Accepted? (Yes/No)	Title of responsible individual	Implementation Date	Client comments
						in the 2014/15 budget to recruit 1 additional Water and Sanitation Technician and 3 UNVs Environmental Officers.
3	UNMISS should take action to ensure that its Environmental Compliance Unit performs the waste management functions required by the DPKO/DFS Environmental Policy, including collecting data on the volume and types of waste produced, conducting regular inspections of Mission locations, training staff on waste management and reporting periodically to senior management on the Mission's environmental performance.	Important	Yes	DMS, Chief Engineering, Chief of EEU, WASTAN, GSS, PDU, IMTC and Force.	On-going 30/06/2014	<p>The implementation of recommendation #3 is ongoing.</p> <p>UNMISS is currently taking action to increase the monitoring and control capacities of its EEU and WASTAN Unit in terms of staffing (please refer to rec. 2 above) and implementation of the division of tasks and responsibilities as per environmental guidelines on waste management (here attached).</p> <p>In addition, UNMISS has trained 17 WATSAN staff on Installation, Operation and Maintenance of Waste Water Treatment Plants (WWTP).</p> <p>UNMISS has also scheduled the following environmental training programs for its members: Environmental Management Training for the Military Engineering Staff Officers; Environmental Focal points, in May 2014; Training on Hazardous Waste Management and PDU Yards Operation for Property Disposal Unit Staff both at UNMISS HQ and regional hubs in May-June 2014;</p>

Management Response

Audit of waste management in the United Nations Mission in South Sudan

Rec. no.	Recommendation	Critical ¹³ / Important ¹⁴	Accepted? (Yes/No)	Title of responsible individual	Implementation Date	Client comments
						Training on solid waste management and operations and management of Sanitary Landfills for GSS/FMU.
[Redacted content]						

Management Response

Audit of waste management in the United Nations Mission in South Sudan

Rec. no.	Recommendation	Critical ¹³ / Important ¹⁴	Accepted? (Yes/No)	Title of responsible individual	Implementation Date	Client comments

Management Response

Audit of waste management in the United Nations Mission in South Sudan

Rec. no.	Recommendation	Critical ¹³ / Important ¹⁴	Accepted? (Yes/No)	Title of responsible individual	Implementation Date	Client comments
5	UNMISS should: (a) work with the respective government authorities to ensure that approvals are obtained for waste disposal sites used for the disposal of Mission waste; and (b) establish	Important	Yes	State Coordinators, Sate Administrative Officers and	5 (a) 30/06/2014 if the situation so permits	5 (a) UNMISS obtained the requested approval from the governmental authorities in Juba and Yambio. However, due to the ongoing crisis in South Sudan that erupted in

Management Response

Audit of waste management in the United Nations Mission in South Sudan

Rec. no.	Recommendation	Critical ¹³ / Important ¹⁴	Accepted? (Yes/No)	Title of responsible individual	Implementation Date	Client comments
	monitoring mechanisms to ensure that contractors regularly collect and properly dispose of solid waste at authorized disposal sites.			General Services Section.	5 (b) Fully implemented	December 2013, UNMISS has been unable to obtain the official governmental approval where applicable. 5 (b) This recommendation is implemented. UNMISS has, in accordance with its "Environmental Detailed Guidelines on Waste management" (attached), established monitoring mechanisms to ensure that contractors regularly collect and properly dispose of solid waste.
6	UNMISS should address instances of non-compliance with the requirements for disposing hazardous waste, including used tires, batteries, oil filters, used vehicle spare parts, scrap metals, and used oil drums.	Important	Yes	Property Disposal Unit	Ongoing 31/10/2014	A review of instances of non-compliance and required actions to overcome obstacles in implementation of the hazardous waste management plan are ongoing.
7	UNMISS should establish coordination mechanisms such as an Environmental Committee and Sub-committees within the Mission to facilitate the sharing of information, to promote waste management best practices among Mission staff and ensure these practices are implemented consistently.	Important	Yes	Mission Support Division	Ongoing 31/10/2014	UNMISS is in the process of establishing proper cooperation mechanisms between various sections involved in waste management activities. UNMISS intends to have such mechanisms established by the end of October 2014.