

# KMC 社区健康与安全风险、影响及监测结果公开说明

## KMC Public Disclosure on Community Health and Safety Risks, Impacts and Monitoring Results

### 背景

本文件用于向受影响社区、地方政府、公共服务机构及其他利益相关方公开 KMC 与矿业活动有关的社区健康与安全风险、潜在影响、控制措施及最新监测结果。

### Background

This document is intended to disclose to affected communities, local governments, public service agencies and other stakeholders the community health and safety risks, potential impacts, control measures and the latest monitoring results of KMC related to mining activities.

公司名称 Company	Kamativi Mining Company (Pvt) Ltd
项目名称 Project	Kamativi Mine Lithium-Based Minerals Exploration, Mining and Processing Project
发布日期 Release Date	2026-05-20
更新频次 Update Frequency	每季度/Quarterly
适用区域 Applicable Area	Kamativi Mine 及受影响社区 Kamativi Mine and Affected Communities
公司网站/公开链接	<a href="http://www.kamativi.cn">http://www.kamativi.cn</a>
纸质版公开获取点	KMC 安全生产部办公室
纸质版联系人	李晓磊 / 0714176925

Company	Kamativi Mining Company (Pvt) Ltd
Project	Kamativi Mine Lithium-Based Minerals Exploration, Mining and Processing Project
Planned Release Date	2026-05-20
Update Frequency	Quarterly

Applicable Area	Kamativi Mine and Affected Communities
Website / Public Link	<a href="http://www.kamativi.cn">http://www.kamativi.cn</a>
Public Hard-copy Access Point	KMC Safety Production Department Office
Hard-copy Contact	Li Xiaolei / 0714176925

## 1.目的与编制依据

### 1. Purpose and Basis

本文件旨在向受影响社区、地方政府、公共服务机构及其他利益相关方公开 KMC 与矿业活动有关的社区健康与安全风险、潜在影响、控制措施及最新监测结果，以支持公众知情、风险预防、及时沟通和持续改进。

This document is intended to disclose to affected communities, local governments, public service institutions and other stakeholders the community health and safety risks, potential impacts, control measures and latest monitoring results related to KMC mining activities, in order to support public awareness, risk prevention, timely communication and continuous improvement.

## 2.适用范围与信息边界

### 2. Scope and Information Boundary

KMC 现向公众公开与社区健康和安全有关的主要风险、潜在影响及监测情况。相关事项主要包括地表水和地下水水质、道路扬尘和尾矿粉尘、空气质量、噪声与振动、尾矿储存设施（TSF）安全、交通安全、未修复坑洞和其他物理安全隐患、化学品及燃油管理、火灾和突发事件风险，以及传染病和媒介疾病等公共健康风险。

本文件遵循“公开主要风险、影响与监测结果，但不公开个人隐私、医疗隐私及依法受限的敏感安保信息”的原则；如监测数据仍在复核中，将明确标注为“初步结果/待确认”。

The disclosure covers, as relevant, surface water and groundwater quality, road dust and tailings dust, air quality, noise and vibration, Tailings Storage Facility (TSF) safety, traffic safety, unrepaired pits and other physical safety hazards, chemicals and fuel management, fire and emergency risks, and public health risks such as infectious and vector-borne diseases.

The statement discloses the main health and safety related risks, impacts and monitoring results, but does not disclose personal privacy information, medical privacy information or legally restricted sensitive security information. If data are still under review, they will be identified as preliminary or pending confirmation.

### 3.受影响社区与敏感受体

### 3. Affected Communities and Sensitive Receptors

受影响对象包括但不限于 Kamativi 周边居民、使用 Kamativi Dam 或相关水源的社区、学校、医院、诊所、警务点等公共机构；老年人、儿童、孕妇、基础疾病患者等脆弱群体；以及居住在矿区周边的员工及其家庭。

Affected parties include, but are not limited to, residents around Kamativi, communities using Kamativi Dam or related water sources, schools, hospitals, clinics and police posts; vulnerable groups such as the elderly, children, pregnant women and people with underlying diseases; and employees living around the mine and their families.

#### 4.主要社区健康与安全风险、影响、控制与监测安排

风险类别	风险来源与对象	潜在影响	现有控制措施	监测安排	最新结果/责任部门
水质风险	采矿、堆土、排水、TSF、历史污染；下游居民、取水点用户	饮用水不安全、细菌污染	水处理、排水管理、沉淀控制、定期水质检测	pH、Zn、Mn、Pb、E.coli、fecal coliforms； 每季度/次	<b>2026-04</b> 本次所有饮用水水质检测符合饮用水标准。在菌落检测指标方面，湖水菌落超标，非生产原因；大肠杆菌未超标。 本期未发现异常。 责任部门：SPD
扬尘/空气	矿山道路、运输、干尾矿、施工；周边居民、学校、道路使用者	呼吸道刺激、粉尘沉降、生活干扰	洒水抑尘、道路维护、限速、覆盖、绿化	PM10 / PM2.5、投诉数量； 每季度/次	<b>2026-04:</b> 白天 (A46) : PM10 : <8ug/m <sup>3</sup> PM2.5: <5ug/m <sup>3</sup> 夜间 (A46) : PM10 : <38ug/m <sup>3</sup> PM2.5: <21ug/m <sup>3</sup> 责任部门：SPD
噪声与振动	爆破、车辆、设备运行；周边居民、学校、医院	睡眠干扰、惊扰、结构振动风险	爆破时段控制、设备维护、沟通通知	dB(A)、爆破振动、投诉数量；每季度/次	<b>2026-04:</b> 白天 噪声 <55 dB(A); 振动 <0.03mm/s。 夜间 噪声 <45 dB(A); 振动 <0.03mm/s。 责任部门：SPD

TSF 安全	湿/干尾矿设施、渗漏、结构稳定性；下游社区及地表/地下水用户	渗漏、污染、结构失稳风险	结构检查、渗漏控制、监测维护、应急准备	渗漏、排水、边坡、围挡、告警系统、稳定性； 日常/周/月	日常巡检：整体稳定，无渗漏； 本期未发现异常。 责任部门：TSF Team
交通安全	矿车、原辅料运输、道路占用；行人、骑行者、社区车辆	交通碰撞、道路安全风险	限速、标识、司机培训、路线管理	交通事件数量、限速抽查； 月度检查	报告期内未发生交通事故； 完成限速抽查 5 次。 责任部门：SPD
物理安全风险	未修复坑洞、沟槽、开放区域；居民、儿童、牲畜	坠落伤害、溺水、牲畜损失	围挡、警示牌、封闭、回填/修复	围挡完好率、现场检查结果； 周/月	本期现场检查未发现新增社区暴露风险。 责任部门：Mine Ops
火灾/化学品/应急	柴油储存、化学品、事故泄漏；周边社区、应急响应单位	火灾、烟雾暴露、污染、疏散需求	储存管理、应急演练、消防设施、通报程序	演练次数、事件数量、整改完成率； 季度/年度	本期无事故。 责任部门：SPD
公共健康风险	疟疾、STI/HIV、卫生条件；员工家庭、社区居民	疾病传播风险	宣导、卫生合作、预防物资、病媒控制	宣导次数、参与人数、重点项目进展； 季度/年度	宣导卫生健康 1 次，本报告期未报告矿业活动引发的社区公共卫生事件（原始记录显示数量为 0）。 责任部门：Clinic / HR / SPD

#### 4.Main Community Health and Safety Risks, Impacts, Controls and Monitoring Arrangements

Risk Category	Source and Affected Parties	Potential Impacts	Existing Controls	Monitoring Arrangement	Latest Results / Responsible Dept.
Water Quality	Mining, stockpiling, drainage, TSF and historical pollution; downstream residents and water users	Unsafe drinking water; bacterial contamination	Water treatment, drainage management, sediment control and regular testing	pH, Zn, Mn, Pb, E. coli, fecal coliforms; quarterly	2026-04 All drinking water quality test results from this round comply with drinking water standards. Regarding microbial parameters, the colony count in the lake water exceeded the standard, E.coli did not exceed the standard. non production related factors. Dept.: SPD
Dust / Air	Mine roads, transport, dry tailings and	Respiratory irritation; dust deposition;	Water spraying, road maintenance, speed control, covering and	PM10 / PM2.5 and complaints; quarterly	2026-04 Day Time(A46): PM10 : <8ug/m <sup>3</sup>

	construction; nearby residents, schools and road users	disturbance	greening		PM2.5: <5ug/m <sup>3</sup> Night Time(A46): PM10 : <38ug/m <sup>3</sup> PM2.5: <21ug/m <sup>3</sup> Dept.: SPD
Noise and Vibration	Blasting, vehicles and equipment; nearby residents, schools and hospitals	Sleep disturbance; alarm; vibration risk	Blasting time control, equipment maintenance and prior communication	dB(A), blasting vibration and complaints; quarterly	2026-04 Day Time: Noise <55 dB(A); Vibration <0.03mm/s。 Night Time Noise <45 dB(A); Vibration <0.03mm/s。 Dept. SPD
TSF Safety	Wet/dry tailings facilities, leakage and structural	Leakage, pollution and structural	Structural inspections, seepage control, monitoring maintenance	Leakage, drainage, slope, fencing, alarm system and stability;	Routine inspections show overall stability and no leakage. Dept.: TSF Team

	stability; downstream communities and water users	instability risk	and emergency preparedness	daily/weekly/monthly	
Traffic Safety	Mine trucks, raw material transport and road occupation; pedestrians, cyclists and community vehicles	Traffic collision and road safety risk	Speed limits, signage, driver training and route management	Traffic incidents and speed checks; monthly	No traffic accident in the reporting period; 11 speed checks completed. Dept.: SPD
Physical Safety	Unrepaired pits, trenches and open areas; residents, children and	Falls, drowning and livestock loss	Fencing, warning signs, closure and backfilling/restoration	Fence integrity and field inspections; weekly/monthly	No new community exposure risk identified during field inspections in this period. Dept.: Mine Ops

	livestock				
Fire / Chemical / Emergency	Diesel storage, chemicals and accidental leakage; nearby communities and emergency units	Fire, smoke exposure, pollution and evacuation demand	Storage management, emergency drills, fire-fighting facilities and notification procedures	Number of drills, incidents and corrective close-out; quarterly/annual	No incident reported in this period. Dept.: SPD
Public Health	Malaria, STI/HIV and sanitation conditions; workers' families and community residents	Disease transmission risk	Awareness programs, health cooperation, preventive supplies and vector control	Awareness sessions, participants and key program progress; quarterly/annual	Promote health and hygiene once. No mine-related community public health event was reported in this period (source record shows 0). Dept.: Clinic / HR / SPD

### 5. 最新监测结果摘要

监测项目	点位 / 报告期	时间	结果摘要	结论与后续行动
水质监测	中方营地/津方食堂/湖水/诊所/社区	2026-04	本次所有饮用水质检测中 PH 值、矿物元素、硝酸盐等基本指标无异常，符合饮用水标准。在菌落检测指标方面，除湖水以外均属于正常范围内。	湖水菌群超标，非生产污染，是畜牧造成的；大肠杆菌未超标。监测井水样结果显示 1 号尾矿库未发生渗漏。后续将持续开展细菌指标检测与常规水质监测。
扬尘 / 空气	A4/A43/A7/A5/B248/A34/A46/诊所/21 号村庄/Malalia Turnoff/瓜伊河/CBD/第二中学/竖井	2026-04	白天 (A46) : PM10 : <8ug/m <sup>3</sup> PM2.5 : <5ug/m <sup>3</sup> 夜间 (A46) : PM10 : <38ug/m <sup>3</sup> PM2.5 : <21ug/m <sup>3</sup>	本期未发现异常； 继续实施洒水抑尘、道路维护和重点点位跟踪。
噪声 / 振动	A4/A43/A7/A5/B248/A34/A46/诊所/21 号村庄/Malalia Turnoff/瓜伊河/CBD/第二中学/竖井	2026-04	白天 噪声 <55 dB(A); 振动 <0.03mm/s。 夜间 噪声 <45 dB(A); 振动 <0.03mm/s。	本期未发现异常； 后续加强夜间噪声监测。
TSF / 设施安全	坝体	日常	监测内容包括渗漏、排水、边坡、围挡和告警系统；巡检结果显示整体稳定、无渗漏。	本期未发现异常； 继续按日常/周/月频次开展检查。
事件与投诉	-	报告期	社区相关事件 0 起；社区相关投诉 0 起；已完成厂内道路保养维护。	因本期无投诉，关闭率记为“不适用”；继续保持道路维护与例行巡查。

### 5. Summary of Latest Monitoring Results

Monitoring projects	Points/reporting period	Time	summary of results	Conclusions and follow-up actions
Water Quality	ChineseCamp/Minestore/Lake/Clinic/Community	2026-04	All basic indicators in this round of drinking water quality testing—including pH levels, mineral elements, and nitrates—showed no abnormalities and complied with drinking water standards. Regarding bacterial colony counts, all testing results fell within the normal range except for the lake water.	The elevated bacterial levels in the lake water were caused by livestock farming rather than industrial or production pollution. E.coli did not exceed the standard. Additionally, water sample results from the monitoring wells indicate that no leakage has occurred at the No. 1 tailings storage facility. Moving forward, routine water quality monitoring and bacterial indicator testing will continue to be conducted.
Dust / Air	A4/A43/A7/A5/B248/A34/A46/Clinic/Village 21/Malaria Turnoff/Gwayi River/CBD/Secondary school/shaft	2026-04	Day Time(A46): PM10 : <8ug/m <sup>3</sup> PM2.5: <5ug/m <sup>3</sup> Night Time(A46): PM10 : <38ug/m <sup>3</sup> PM2.5: <21ug/m <sup>3</sup>	No abnormalities were detected during this period. We will continue to implement water spraying for dust suppression, road maintenance, and the monitoring of key locations.

Noise / Vibration	A4/A43/A7/A5/B248/A34/A46/Clinic/Village 21/Malaria Turnoff/Gwayi River/CBD/Secondary school/shaft	2026-04	Day Time: Noise <55 dB(A); Vibration <0.03mm/s。 Night Time Noise <45 dB(A); Vibration <0.03mm/s。	No abnormalities were detected during this period. Nightime noise monitoring will be enhanced moving forward.
TSF / Facility Safety	Dam body	Daily	Leakage, drainage, slope, fencing and alarm system are checked; overall stable and no leakage observed.	No abnormality identified; continue inspections at daily/weekly/monthly frequencies.
Incidents and Complaints	-	Reporting period	Community-related incidents: 0; community-related complaints: 0; internal road maintenance completed.	Complaint closure rate is marked as N/A because no complaint was received in this period.

## 6. 重点风险提示与临时通报机制

### 6. Key Risk Advice and Interim Notification

(1) 饮水安全风险：如矿区周边水源可能受到现阶段矿业活动影响，首先从源头上消除影响，其次社区应优先使用经处理或经确认安全的饮用水。

(1) Drinking water safety: where water sources may be affected by current mining activities, first, eliminate the source of the contamination; second, the community should prioritize the use of treated or confirmed safe drinking water.

(2) 道路扬尘和车辆通行风险：矿区道路及运输活动可能带来扬尘和交通安全风险，矿用重型车辆严禁进入社区，同时提醒社区居民特别提醒儿童远离重型车辆。

(2) Road dust and heavy vehicles: mine roads and transport activities may create dust and traffic risks; heavy-duty mining vehicles are strictly prohibited from entering the community. Residents, especially children, are reminded to stay away from heavy-duty vehicles

(3) 坑洞和限制区域风险：请勿进入矿区限制区域、未修复坑洞、尾矿设施和其他设有警示标识的区域。

(3) Pits and restricted areas: do not enter restricted mine areas, unrepaired pits, tailings facilities or areas marked with warning signs.

(4) 应急情况通报：如发生可能影响社区的突发事件，KMC 将通过电话、社区联络员、公告栏和/或 WhatsApp 群等渠道及时通知社区；正式发布前应明确各渠道责任人和名单。

(4) Emergency notification: if an event may affect the community, KMC will notify the community through phone, community liaison, notice boards and/or WhatsApp groups, subject to the channels formally confirmed before issuance.

## 7. 社区参与、信息获取、反馈与申诉

### 7. Community Participation, Information Request and Grievance

KMC 通过社区会议、与学校/医院/地方政府的日常沟通、社区演练或联合活动，以及风险告知和宣传材料发放等方式，与社区持续沟通社区健康与安全事项。现有安排包括：

社区会议每季度开展；与学校/医院/地方政府按需沟通；社区演练或联合活动安排在四季度；风险告知材料通过公示方式发布。

KMC communicates community health and safety matters through quarterly community meetings, communication with schools/hospitals/local government as needed, community drills or joint activities in Q4, and public posting of risk communication materials.

### 信息获取与申请程序

相关方如需获取本文件涉及的社区健康与安全风险、影响或监测结果的补充信息，可通过电话、邮箱或现场申请方式提出信息请求。KMC 原则上在 7 个工作日内完成受理，并在 30 日内反馈处理结果；如涉及正在复核的数据或依法受限的信息，将说明原因和预计反馈时间。对可能构成迫切健康或安全威胁的信息，KMC 将优先采用快速通报方式，不以季度更新为限。

本公开说明保留中英文版本；如社区对语言或表达方式有进一步需求，可根据实际情况提供更易理解的简版材料。

联系部门：SPD

联系人：李晓磊（0714176925）

邮箱：[lixiaolei258@gmail.com](mailto:lixiaolei258@gmail.com)

地址：卡马蒂维新建营地

投诉箱位置：卡马蒂维新建营地保安室外

受理时间：8:00-17:00

响应时限：7 个工作日受理，30 日内反馈处理结果

### Information Request Procedure

- Community members may request additional information related to the risks, impacts or monitoring results covered by this disclosure by phone, email or on-site request.
- KMC aims to acknowledge requests within 7 working days and provide a response within 30 days, unless the information is still under verification or is legally restricted.
- Where there is information indicating an imminent health or safety threat, KMC will communicate immediately and will not wait for the next quarterly update.

<b>Department</b>	SPD
<b>Contact Person</b>	Li Xiaolei

<b>Phone</b>	0714176925
<b>Email</b>	lixiaolei258@gmail.com
<b>Address</b>	KMC Camp, Kamativi
<b>Complaint Box</b>	Outside the security room of KMC Camp, Kamativi
<b>Service Hours</b>	8:00-17:00
<b>Response Timeline</b>	Acknowledged within 7 working days; outcome feedback within 30 days

## 8. 信息边界、更新与版本控制

### 8. Information Scope, Update and Version Control

本文件公开与社区健康和有关的主要风险、影响及监测结果，不公开个人隐私信息、医疗隐私信息和依法受限的敏感安保信息。如监测数据仍在复核中，将明确标注为“初步结果/待确认”。本文件预计不晚于 2026-07-30 更新；如发生可能对社区健康和有关造成重大影响的事件、超标结果或重大管理变化，KMC 将提前发布临时通报。正式发布前，建议将最终批准版本编号、审批人及生效日期纳入文件控制信息。

This document discloses major risks, impacts and monitoring results related to community health and safety, excluding personal privacy information, medical privacy information and legally restricted sensitive security information. If monitoring data is still under review, it shall be clearly marked as "Preliminary Results / Pending Confirmation". This document is scheduled to be updated no later than July 30, 2026. In the event of incidents, excessive standard results or major management changes that may cause substantial impacts on community health and safety, KMC shall issue interim notifications in advance. Prior to official release, it is recommended to incorporate the number of the final approved version, approver and effective date into document control information.