

BACKGROUND

The name NAQILAISO derives from the ancestral village settings, adopted for the use as the Company Name with the belief it carries the emblem of the historical aspect of the owners inheritance.

The Owner, Mr. Isikeli Matawalu Tamani, with his stout Spiritual Convictions led to the formation of NAQILAISO SAND & GRAVEL EXTRACTION PTE LTD, with his strong convictions, pointing to the Biblical Word of the Wiseman to say, 'A GOOD NAME IS FROM THE LORD'.

In saying so, the words of the late STATESMAN whose words are embedded on every surrounding NATURE silently awaiting his words to be UNDERSTOOD and WITNESSED.

"NAVUSO will sink, and sink and sink to the very bottom, THEN IT WILL RISE and WHEN IT'S GOING TO RISE, THE WHOLE OF VITIA WILL BE IN AWE OF IT"

In understanding those words of a great man, we look back into history; how we have endured through a trying time during the last 16 years.

Navuso hit 'rock bottom' as their high chief was incarcerated, implicated for a crime with the ideology and belief that might help us iTAUKEIs.








Mr. Isikeli, on the other hand, silently was trying to get his license for Extraction but not until after 10 years of consistent knocking he finally prevailed.

It almost coincide with the release of their high chief, therefore the word of the late Rt Sukuna is indeed have unfolded.

Mr. Isikeli Matawalu Tamani TRADITIONAL STATUS assured him to take the bold step to show the way forward that this ECONOMIC war can be fought, and fight is the WAR CRY NOW.

This Economic War is not afar of but right here, at the very EDGE OF REWA RIVER.

AIM

-  *To facilitate the need for the extraction of Gravel and Sand to **use the Resources which we are rightfully a CUSTODIAN (RESOURCE OWNERS)***
-  *To have a control on the prices of Raw Material especially in Building and Civil works material*
-  *To assist those iTAUKEIs if need be, to elevate and develop their standard of living in assisting them in their dwellings***.*
-  *To be the first iTAUKEI to fully own such a business and encourage others who have resources that they can also do the same*
-  *To make use of our Resources and convert it into monetary term therefore creating job opportunities to the local community*
-  *To be competitive on the local and overseas market*
-  *To be the first to implement a BIBLICAL IDEOLOGY; Jerusalemi, Jutia, etc. hoping it will be adopted elsewhere amongst the iTAUKEI communities with the belief it will ELEVATE POVERTY.*

NAQILAI SO SAND & GRAVEL PRIVATE LIMITED

PROFILE

1.01 POSTAL ADDRESS:

NAME OF COMPANY: *NAQILAI SO SAND & GRAVEL PRIVATE LIMITED*

ADDRESS: NAQILAI SO SAND & GRAVEL EXTRACTION LIMITED

PROPOSED GRAVEL AND SAND EXTRACTION AT REWA RIVER,
NAUSORI.

P o Box 3256

1. E-MAIL: isikeli.tamani72@gmail.com
2. feelsafecompany@gmail.com
3. kturagabeci4@gmail.com
4. filipegio70@gmail.com

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#9406862/ #8478491

1.02: Date established:

21st June , 2022

NAQILAI SO SAND & GRAVEL EXTRACTION LIMITED PROPOSED GRAVEL AND SAND EXTRACTION AT REWA RIVER, NAUSORI.

1.03: Organization's Vision:

“TO BE THE LEADING PROVIDER OF FIJI'S INFRASTRUCTURE SOLUTIONS”

1.04: Organization's Mission:

To revolutionize the sand and gravel industry by fostering partnerships with landowners, and foreign Investors prioritizing environmental sustainability, and delivering top-quality raw materials to meet the demands of a growing economy and ;

- 1.1 Capacity building to resource owners and communities.
- 1.2 Create constructive ideas for sustainable management of resources.
- 1.3 Monitor and evaluate the progress using tool kit as a guide.
- 1.4 Devise a management plan for the Community /Resource Owner.

1.05: Organization's Objectives:

Naqilaiso Sand & Gravel Private Limited is aiming to become the leading sustainable supplier of raw materials in the Region.

To achieve this objective, *Naqilaiso Sand & Gravel Private Limited* will focus on the following key initiatives:

Continuous Innovation and Technological Advancements: Invest in research and development to identify and implement cutting-edge technologies that improve production efficiency, reduce environmental impact, and enhance product quality.

Geographic Diversification: Expand operations into neighboring regions or countries with untapped potential for sand and gravel extraction, ensuring compliance with local regulations and environmental standards.

Certification and Compliance: Acquiring industry-recognized certifications for environmental sustainability, safety, and quality assurance. Strictly adhere to all relevant regulations and standards.

Community Outreach and Education: Actively engage local communities to create awareness about our sustainable practices, provide job opportunities, and involve them in decision-making processes related to our operations.

& to;

1. Devise sustainable livelihood projects through conservation and integrated management.
2. Designing climate change and Disaster risk resilient community projects.

1.06: Organization's structure:

1. Isikeli Matawalu Tamani -Company Managing Director. Dredging Licenses owner and land owner @ site. Extensive knowledge in Dredging operations and Boat master and engineering certified experience officer.
 2. Treasurer : Mr Keni Turagabeci With Master of Art in Good Governance and a former Education Officer who has extensive experience on capacity building of human beings. I also worked with parents, teachers and other stakeholders to effectively carry out the desired outcomes of any previous schools or even trying to solve evoking problems for teachers. Monitoring of teachers in the Eastern Division and devising management plan for academic productivity of any school are some of the core activities which I often carried out. During my tenure as Head Teacher of maritime rural and urban schools, I assisted the school committee in carrying out school projects like building school classrooms and school ablution blocks making sure completion is on time. Monitoring the financial aspects of projects and the general running of a school especially on budget allocation were also carried out during my leadership position at school level and as Senior Education Officer.
 3. Secretary : Mr Filipe Qio: An Administrator, A political Party secretariat, Head of schools and a Diploma graduate in language .Experiences in the fields of capacity building and empowering of organized community managements and projects developments that can create more inputs into more sustaining lively hoods and achieving output of Communities and individual's progress.
-
1. Trustees/Coordinator: Mr Isikeli Matawalu Tamani ;
 2. Company Executives Unit My Filipe Qio, Mr Keni Turagabeci

1.07: Product/Services:

1. Naqilaiso Sand & Gravel Private Limited is poised to redefine the sand and gravel industry. Our mission is not only to provide high-quality raw materials but to do so in a way that benefits landowners and promotes environmental sustainability.
2. The trustees have been appointed through Resolution reached by the Trustees\Members of *Naqilaiso Sand & Gravel Private Limited* in their Special General Meeting held on the 21st day of June , 2023 and are entrusted to handle all the affairs and dealings (social, economic and human) of the Trust and consented in good faith to perform their duties according to this Deed and in the **Trustees Act Of Fiji** and in the direction of the two Directors.

BUSINESS OVERVIEW

Naqilaiso Sand & Gravel Private Limited is poised to redefine the sand and gravel industry. Our mission is not only to provide high-quality raw materials but to do so in a way that benefits landowners and promotes environmental sustainability.

VALUE STATEMENT

Our values of integrity, innovation, and community collaboration drives us to set new standards in responsible non-metallic resource extraction, ensuring a brighter and more sustainable future for all.

4.07 Company background:

The applicant, NSGEL has sought and gained written consents relevant to the project proposal. This includes the land owing unit, Lands Department and other Government bodies. In addition, NSGEL engaged Yaubula Environmental Services to carry out the EIA study to assist them in understanding the impact of such business activity on the environment.

4.08 Company History:

An EIA process was carried out and endorsed accordingly. The company was registered as Naqilaiso Sand and Gravel Extraction Limited (NSGEL) and as such, another EIA process is requires as per government policy.

4.09 Products:

The dredging project can be divided into six (6) major components and these include:

- 2.8.2.1. Obtaining Relevant Government Requirement
- 2.8.2.2. On-site investigation and dredging preparation
- 2.8.2.3. Dredging method proposal
- 2.8.2.4. Implementation
- 2.8.2.5. Monitoring
- 2.8.2.6. Decommissioning

4.10 Event Calendar:

3.0 MITIGATION AND ABATEMENT MEASURES

8.1 Appropriate mitigation measures Major areas of potential environmental impacts that were identified during the constructional and operational stages include:

- Altering, degradation and disturbance of potential habitats
- Storm water management and inundation during peak storm water
- Erosion and sedimentation
- Pollution of the surrounding areas and terrestrial ecosystems
 - Solid/Liquid/Waste Pollution
 - Gas Emissions
 - Traffic Management
- Fuel and oil waste handling and storage

- Socio-economic implications Below outlines a summary of some of the mitigation measures that will be put in place to minimise the potential impacts of the proposed project.

These measures are discussed further in more details in the CEMP and OEMP sections of the Environmental Management Plan.

8.2. Construction Phase The following are mitigation measures that are recommended during the construction phase:

8.2.1. Drainage patterns It is imperative to install a proper drainage system to cater for prolonged periods of rainfall to avoid flooding. This could be prevented through the proper constructions of underground pipes commonly referred to as “storm sewers” which storm water drains through before it enters streams and river. All proposed buildings will have roof gutters that trap rainwater to a drainage system around the complex. Rainwater can be trapped and is to be drained into a water tank that can cater for support water supply Excess water to be filtered and trap by underground drainages and led away to the existing outlets. Regular maintenance and clearing of drainages is important to prevent any blockages and possible inundation.

8.2.2. Noise Most of the noise is expected to be generated during both the construction and operation phase of the project. The impact of noise from heavy machinery and trucks will increase during the construction phase and will be felt by the nearby settlement and especially during the daytime operation hours. This but will decrease eventually.

To minimize the impact of noise traffic Management Plan should be set up and adhered to, to ensure disciplinary procedures for operating vehicles are met. Below is the noise threshold limit:

Final Report/Environment Impact Assessment 70 | P a g e Sound Pressure Level
(rounded in dab)

Typical Source Subjective Evaluation

130 (Threshold of pain) Blasting Extremely noisy –intolerable

120 Jet take-off

110 Rock concert

100 Pneumatic hammer Very noisy

90 Heavy truck/loud shout

80 Highway traffic Loud

70 Loud radio or television Noisy restaurant

60 Department store Moderate to quiet

50 General office/quiet street

40 Living room/library Quiet to very quiet

30 Bedroom/countryside

20 Unoccupied recording studio Almost silent Remote underdeveloped area

Company Profile-

The company was registered as Naqilaiso Sand and Gravel Extraction Limited (NSGEL) in Fiji owned with all-embracing service by Two respective dedicated Individuals acting as Comapany Directors namely Sikeli Tamani and Jonacani Simione. Was established recently in June 2023 to withstand

the new norm and the Needs of every society in Fiji. Its Head Office is at site and and operational logistics administered from its working centers in Nausori and Fiji wide.

3.1. Rational of the project and relevant explanation for site selection The rational of the project is to compete in the market to cater for the growing demand of infrastructure and constructional needs of the country. Apart from to this, is to provide the land owing units involved an opportunity to earn income through royalties and lease money by utilizing their resources. Further to this, it supports Governmental initiative to dredge shallow river banks that tend to create water set-ups which in turn causes inundation and flooding of low lying areas along settlements nestled within the lower section of the Rewa River.

The proposed sand and gravel extraction is to begin after approval of the EIA report is granted by the Director of Environment.

The proposed site is located and falls under Tailevu Province about 3.2km from Nausori town. The proposed site is a 1km stretch along the Rewa River and there are 3 proposed dump site. The Department of Lands gave consent to Naqilaiso Sand and Gravel Extraction limited to lease out the adjacent land as a TAW and the main operation dumpsite as permanent lease.

(ref; LD4/14/2957) NSGEL main operating center is at lot 1 DSS 2076-2 whereby permanent office will be set up.

The entire operation will be based at Bata Island with a wash plant operational area and temporary office with proper dwellings for staff.

3.2. Location and Land Area required The site proposed for sand dredging is geographically located at 18°01'07" South and 178°31'16" East as shown in (Figure 1.)

The site is situated in Tailevu province, located in the boundary of Naitasiri and Tailevu province and falls within Viti Levu's tropical zone. It is located approximately 3.2km from Nausori town and located on Waila Zone, and is situated at the downstream of Rewa river and sits at an elevation of approximately 0metres above sea level. Access to extraction site is via the princess Road which links to the off road that links to the proposed site. The princess Road is one of the main route that extends to the Nausori old bridge from Nausori town to the proposed site. It takes approximately twelve minutes from Nausori town to reach the proposed site through the princess road and towards Waila zone.

3.2.1. The Bata Island Main Operational Site NSG is pursuing all necessary approval under their operating name with the Department of Environment and other government stakeholders in obtaining the approvals for the EIA and license in which to operate the business venture. The site is known as Bata Island and will consist of the stockpiling facility and wash plant.

3.2.2. The Rewa River Extraction Site NSG proposes to extract along 1km of the Rewa River, starting from the Waimanu river mouth and ending 1km downstream towards the Nausori old bridge..

VISION

To be the leading provider of Fiji's infrastructure solutions

- *Empowering Land Owners, Embracing Environmental Friendliness*

MISSION STATEMENT

To revolutionize the sand and gravel industry by fostering partnerships with landowners, prioritizing environmental sustainability, and delivering top-quality raw materials to meet the demands of a growing economy.

BUSINESS OVERVIEW

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STRATEGIC OBJECTIVE

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Certification and Compliance: Acquiring industry-recognized certifications for environmental sustainability, safety, and quality assurance. Strictly adhere to all relevant regulations and standards.

Community Outreach and Education: Actively engage local communities to create awareness about our sustainable practices, provide job opportunities, and involve them in decision-making processes related to our operations

Collaborative Partnerships: Forging strategic alliances with environmental organizations, governmental bodies, and industry associations to promote sustainable practices and contribute to the broader goal of environmental conservation.

Key Performance Indicators (KPIs) and Metrics: Establishing and monitoring KPIs related to environmental impact, community satisfaction and operational efficiency. Regularly assess progress and make necessary adjustments.

Market Leadership and Brand Recognition: Striving to be recognized as the go-to supplier for environmentally responsible raw materials, setting industry benchmarks for sustainability and quality.

KEY CONSIDERATIONS FOR RAW MATERIAL

In an ever-evolving global landscape, Naqilaiso Sand & Gravel Private Limited stand poised at the intersection of innovation and excellence in Non-Metallic Industry. With a steadfast commitment to our values and missions, we embark on a strategic journey aimed at not only expanding our reach but also deepening our impact. This growth strategy outlines a comprehensive roadmap that leverages our strengths, capitalizes on emerging opportunities, and addresses potential challenges. By aligning our resources, expertise, and market insights, we are poised to not only adapt to change but to lead it, solidifying *Naqilaiso's* position as a trailblazer in the [mention industry or sector]. Through deliberate steps and calculated investments, this strategy is designed to propel us towards sustainable growth and enduring success.

Identifying appropriate deposits for sand and gravel extraction

Ensuring accessibility and close proximity to markets, while minimizing Environmental

Impact Comprehensive conclusion of the types of gravel/rocks and sand/soil layers of earth

Thorough Assessment of 3 dimensional landscape of the bank for Inform Extraction Approach and Equipment Selection

GROWTH STRATEGY

In an ever-evolving global landscape, Naqilaiso Sand & Gravel Private Limited stands poised at the intersection of innovation and excellence in Non-metallic Mining. With a steadfast commitment to our core values Naqilaiso Sand & Gravel Private Limited embarks on a strategic journey aimed at not only expanding our reach but also deepening our impact. This growth strategy outlines a comprehensive roadmap that leverages our strengths, capitalizes on emerging opportunities, and addresses potential challenges. By aligning our resources, expertise, and market insights, we are poised to not only adapt to change but to lead it, solidifying Naqilaiso's position as a trailblazer in the Non-metallic Mining Industry. Through deliberate steps and calculated investments, this strategy is designed to propel us towards sustainable growth and enduring success. For growth Naqilaiso will dutifully consider the following:

Market Expansion: Identifying new markets and establishing partnerships with construction companies, government projects, and landscaping businesses.

Technological Integration: Investing in state-of-the-art equipment and technologies to optimize production and reduce operational costs.

Community Engagement: Fostering strong relationships with landowners through fair compensation and transparent operations.

Environmental Sustainability: Implementing eco-friendly practices, including habitat preservation and responsible land use.

Employee Development: Continuous training and development opportunities to enhance productivity and job satisfaction.

RISK ASSESSMENT & MANAGEMENT

In the dynamic landscape of business and industry, uncertainties and potential challenges are inevitable. As enterprises navigate through a myriad of opportunities, Naqilaiso Sand & Gravel Limited will have to confront an array of risks that have the potential to disrupt operations, impact financial stability, and erode reputation. Effective Risk Assessment and Management stand as the bedrock of any successful venture, providing a structured framework to identify, evaluate, and mitigate potential threats, while also capitalizing on opportunities for growth and innovation.

At Naqilaiso Sand & Gravel Private Limited, we recognize the paramount importance of understanding, addressing, and proactively managing risks in all facets of our operations. This comprehensive Risk Assessment and Management strategy encompasses a systematic approach, integrating data-driven analysis, expert insights, and forward-thinking strategies to safeguard our mission of revolutionizing the sand and gravel industry.

This segment of the document outlines the key components of our Risk Assessment and Management framework, encompassing identification, analysis, evaluation, and mitigation strategies tailored to our specific industry and operational landscape. By fostering a culture of risk-awareness and accountability, we aim to not only navigate challenges with resilience but also uncover untapped opportunities for sustainable growth and success. Together, we forge a path forward, fortified by a robust Risk Assessment and Management strategy, towards a future of continued innovation, profitability, and enduring success.

Here below are some anticipated risks and how Naqilaiso Sand & Gravel Limited is problem-solve them:

Frequency of Breakdowns

Potential Risk: Trenching machines, like any mechanical equipment, can experience breakdowns due to wear and tear, operator error, or unexpected technical faults.

Risk Management: Regular maintenance and inspection schedules is a must. Well-maintained machines are less likely to experience unexpected breakdowns.

Downtime and Delay:

Potential Risk: Trenching and other operating machines breaks down. This could lead to delays in flood protection efforts, potentially leaving properties and communities vulnerable to flooding.

Risk Management: Naqilaiso Sand & Gravel Limited is planning on acquiring new machines within 2 to 7 months its operation.

Repair Costs:

Potential Risk: The cost of repairing a trenching machine can be significant and may strain budget allocations for flood control efforts.

Risk Management: Naqilaiso Sand & Gravel Limited is setting aside contingency fund for unexpected repairs in the project budget can help cover unforeseen expenses.

Availability of Spare Parts:

Potential Risk: Depending on the make and model of the trenching machine, obtaining spare parts for repairs may take time, potentially prolonging downtime.

Risk Management: Naqilaiso Sand & Gravel Limited is planning on keeping a stock of commonly- needed spare parts and having reliable suppliers or service providers on standby can help expedite the repair process.

Operator Training and Expertise:

Potential Risk: Inexperienced or inadequately trained operators may inadvertently contribute to machine breakdowns due to improper operation.

Risk Management: Thorough training programs for machine operators should be implemented, covering safe operation, regular maintenance checks, and troubleshooting techniques.

Redundancy and Backup Plans:

Potential Risk: Relying solely on one trenching machine without backup options can pose a significant risk in case of a breakdown.

Risk Management: Implementing redundancy by having multiple trenching machines on-site or having access to rental equipment can serve as a backup plan.

Monitoring and Maintenance Schedules:

Potential Risk: Neglecting regular maintenance checks may lead to undetected issues that could contribute to a breakdown.

Risk Management: Naqilaiso Sand & Gravel Limited's strict maintenance schedule and conducting regular inspections can help identify and address potential problems before they escalate.

Emergency Response Plan:

Potential Risk: In the event of a breakdown, a clear and efficient emergency response plan is crucial to minimize downtime and maintain flood protection efforts.

Risk Management: Naqilaiso Sand & Gravel Limited has a well-defined emergency response plan in place, including procedures for reporting breakdowns, accessing spare parts, and mobilizing backup equipment.

In conclusion, the business plan for Naqilaiso Sand & Gravel Limited outlines a comprehensive strategy for establishing and operating a successful sand and gravel extraction venture. Through rigorous site selection, detailed analysis of topography and geology, and a thorough environmental impact assessment, we have laid the groundwork for a sustainable and responsible operation. Our commitment to regulatory compliance ensures that we will operate within the bounds of local, state, and federal laws, obtaining all necessary permits and licenses.

With a clear focus on efficiency, environmental stewardship, and adherence to best practices, Naqilaiso Sand & Gravel Limited is poised to become a trusted provider of high-quality sand and gravel resources. We recognize the importance of building strong relationships with stakeholders, including communities, regulatory bodies, and customers, and will actively engage in transparent and open communication.

As we move forward, Naqilaiso Sand & Gravel Limited remains dedicated to continuous improvement, innovation, and the pursuit of excellence. We are confident that our strategic approach, combined with a committed and skilled team, will lead us to achieve our goals and establish Naqilaiso as a leader in the industry.