

## Waisoi Project Bulk Handling Facility Wavu ni Usa Kako

### Overview

The Namosi Joint Venture (NJV) is studying the potential to develop and mine ore bodies in the Waisoi area on Viti Levu, Fiji.

The Project, if developed, would include open pit mining and ore processing to produce a copper concentrate with gold as a byproduct. This concentrate needs to be sent to overseas buyers for further processing and refinement, therefore NJV requires a facility from which the concentrate can be exported.

### Bulk Handling Facility

After studying a number of options NJV is proposing to build a purpose built Bulk Handling Facility (BHF) at Mahaffy Reef, near Naimelimeli village. The Bulk Handling Facility will stockpile, rehandle and load the concentrate of bulk carrier ships through a single berth pier. It also allows the off-loading of bulk fuel oils and diesel from ships up to a similar size as the bulk carriers. The berth will be designed specifically for these two functions only.

### Rai Raraba

E sa vakadikeva tiko na Namosi Joint Venture (NJV) na kena rawa ni keli ka qaqi na vatu talei e loma ni qele mai Waisoi e Viti Levu.

Na cakacaka oqo, ke vakavatukana, ena oka kina na keli ni qara bilo se open pit mining kei na qaqi vatutalei (ore) me kune kina na kopa kei na tikitiki ni koula me kenai kuri. Na kopa cokocoko (concentrate) e dodonu me vakau ki valagi me la'ki qaqi ka vakasavasavataki vakavinaka, ka gadreva kina o NJV e dua na wavu me vakau kina.

### Na Wavu ni Usa Kako (Bulk Handling Facility)

Ni mai oti na vakadidike raraba, e sa navuca tiko o NJV me tara e dua na wavu ni usa kako se Bulk Handling Facility (BHF) ena Mahaffy Reef, volekata na koro ko Naimelimeli. Na wavu oqo e na kumuni kina, soqona, ka vakavodoka na kopa cokocoko ki na waqa lelevu ni usa kako ena dua ga na gauna. Ena ciqoma talega nai usausa waiwai kei na diesel mai na waqa ni usa kako lelevu na kedrai rairai. Ena vakarautaki ga na wavu me ganita na cakacaka e rua oqo.



The Bulk Handling Facility will consist of two main areas: the storage facility, and the access jetty.

### **Storage Facility**

An access road will need to be built from the Queens Highway to the storage facility, and will be 3 km in length. At the end of this road will be a storage facility consisting of an enclosed concentrate stockpile building and bulk liquid fuel storage tanks. It will also have washdown bays and ponds to treat water, as well as an office and workshop. This will take up an area of approximately 2 hectares (5 acres).

### **Access Jetty**

The access jetty will be approximately 6 metres wide, 5 metres above the sea level and 2000 metres (2km) long. It will be built by pushing pylons deep into the ground (below the sea bed) for the length of the conveyor. The conveyor itself is enclosed within a tube to prevent any spillage. There is also a road alongside it with two fuel lines on the other side. These fuel lines prevent leakage.

### **Studies**

The NJV is currently conducting environmental and social studies for the bulk handling facility as part of the Waisoi Project. The proposed facility will be part of a revised project description that will be discussed with the Department of Environment and other government agencies.

The studies are being undertaken by independent expert consultants supported by the Institute of Applied Sciences (IAS) of the University of the South Pacific.

All of the environmental and social studies undertaken will contribute to the Environmental Impact Assessment (EIA) that will be submitted to the government once all studies and impact assessment work is complete. The proposed Bulk Handling Facility will be included in the EIA.

The Fiji Government will assess the EIA to determine whether the Project is approved, whether a mine can proceed and under what condition.

The Namosi Joint Venture will then decide whether to go ahead and build and operate the mine.

The EIA is expected to be completed in late 2016.

For more specific information regarding the Bulk Handling Facility please see the BHF Frequently Asked Questions fact sheet available from the NJV office in Suva or on the NJV website [www.njv.com.fj](http://www.njv.com.fj)

Na wavu (BHF) oqo ena wase rua tiko: na vale ni mamaroroi (storage) kei na wavu ni vakavodo (jetty)

### **Na Vale ni Mamaroroi**

Ena ta e dua na gainisala mai na gaunisala ni Matanitu na Queens Highway me yacova na wavu, ka 3 tiko na kilomita na kena balavu. Na vanua e cava kina na gaunisala oqo ena tara kina na vale ni mamaroroi (storage) ka tiko kina e dua na vale sogobutu me maroroi kina na kopa cokocoko kei na dua na tale me maroroi kina na taqe ni waiwai. Ena tiko talega kina nai kekele me drodro kina na wai kei na dua na tobu me vakasavasavataki kina na wai, ka vaka kina e dua na valenivolavola kei na workshop. Oqo ena taura tiko e 2 na ekatea na qele (5 na eka).

### **Na wavu balavu**

Na wavu balavu ena 6 tiko na mita na kena raba, 5 na mita na kena cere e dela ni wai ka 2000 na mita (2km) na kena balavu. Ena tuki sobu e loma ni wai na kaukamea lelevu me dabe kina na wavu me baleta na beleti se conveyor. Na conveyor ena ubi tiko me taqomaka na tasova se turu. Ena tara talega e dua na gaunisala e yasana me davo kina na paipo ni waiwai e tutuna. Na paipo ni waiwai oqo ena tarova na turu kei na tatasovasova.

### **Na vakadidike**

E vakayacora tiko ena gauna oqo o NJV e dua na vakadidike me baleta na veika e tu wavoliti keda kei na bula raraba (social studies) me baleta na wavu ni vakavodo oqo ena vuku ni Waisoi Project. Ena tiki tale tikoga ni vakadidike vou ni cakacaka oqo ka ena veivosakitaki kei iratou na Department of Environment kei na veitabana vakamatanitu.

Na vakadidike oqo e cakava tiko e dua na kabani tu vakataki koya (independent consultant) ena veitokoni mai vei iratou na Institute of Applied Sciences (IAS) mai na Yunivesiti ni Ceva (USP).

Na vakadidike taucoko ni veika e tu wavoliti keda kei na bula raraba ena tiki tiko ni Vakadidike Raraba ni EIA ka na qai soli vua na Matanitu ni mai cava taucoko na vakadidike. Na wavu e vakatututaki tiko oqo se Bulk Handling Facility ena okati ena EIA.

Na Matanitu ko Viti ena qai dikeva na EIA me laurai ke sa vakadonui na Project, me tekivu na kelikeli kei na veika e lavaka mai.

Ena qai vakatulewa na Namosi Joint Venture ena tara ni gagi kei na tekivu ni kelikeli.

Na vakadidike ni EIA e namaki tiko me na cava ena yabaki 2015.

Na vakatataro me baleta na Wavu ni Vakavodo Yautalei (BHF) ni qai wilika na tikidua ni Veika e dau Tarogi Wasoma ka sa tiko ena valenivolavola ni NJV e Suva kei na nodratou website na [www.njv.com.fj](http://www.njv.com.fj)

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