

## Response ID ANON-URZ4-5FMC-Z

Submitted to Fast-track approval applications  
Submitted on 2024-04-28 20:55:18

### Submitter details

Is this application for section 2a or 2b?

2A

#### 1 Submitter name

Individual or organisation name:  
Glenview Estate Ltd

#### 2 Contact person

Contact person name:  
Glenview Estate Ltd

#### 3 What is your job title

Job title:  
Company director

#### 4 What is your contact email address?

Email:  
s 9(2)(a)

#### 5 What is your phone number?

Phone number:  
s 9(2)(a)

#### 6 What is your postal address?

Postal address:  
  
512 Knight Road, RD 9, Whangarei 0179

#### 7 Is your address for service different from your postal address?

No

Organisation:

Contact person:

Phone number:

Email address:

Job title:

Please enter your service address:

### Section 1: Project location

Site address or location

Add the address or describe the location:

512 Knight Rd  
Ruatangata West  
RD9  
Whangarei

File upload:  
SC258R0989223012614150 Site Map.pdf was uploaded

Upload file here:  
No file uploaded

Do you have a current copy of the relevant Record(s) of Title?

Yes

upload file:  
Property ID.png was uploaded

Who are the registered legal land owner(s)?

Please write your answer here:

SBS Family Trust

Detail the nature of the applicant's legal interest (if any) in the land on which the project will occur

Please write your answer here:

Trustees

## Section 2: Project details

What is the project name?

Please write your answer here:  
Glenview Hydro Electric Power Station

What is the project summary?

Please write your answer here:

Proposed Project is a 3megawatt Hydro Electric Power Station situated on Glenview Estate Dairy Farm

What are the project details?

Please write your answer here:

We Propose to divert 24m<sup>3</sup> per second from the Wairua River into a hydro electric power station. The water will be screened using a hydrolox rotating travelling screen which will prevent all fish life from entering the system. From the screen water will travel down two reinforced fiberglass pipes into penstocks and then turbines situated 16 meters below the catchment screen area. 3megawatt of electricity will be generated continuously when the river is at full flow. A tailrace will be built to take all waters used back to the main river. this tailrace needs to go through a 20 meter DOC administered strip. A pre feasibility engineering study has been completed by John Duder F Eng NZ, CP Eng who was formally Tonkin and Taylor's Hydro Engineer. The site has identified 3 times by the NZERDC's study of Hydro Electric potential in Northland as Northland's most viable Hydro Site. Geotechnical studies and drilling have been completed and concluded the site is capable of housing a power station.

Describe the staging of the project, including the nature and timing of the staging

Please write your answer here:

On getting resource consent the scheme will be fully engineered and designed by Vortex power. This will take 6 to 12 months. Construction will start in the summer when the Wairoa river is at low flow to enable a weir and sluice gates to be built in river this will take a full summer. At the same time a head pool will excavated from the SBS Trust lands which have riparian rights. The foundation for the hydrox screen will be built whilst waiting for the screen to be imported from Australia. The fibre glass pipes and penstocks will take 6 to 12 months for Maskall's in Auckland to build. Similarly Vortex will take 6 to 12 months to build 2 Kaplan turbines and import the generators. A tailrace will be excavated during the first summer. The whole project should be built in 2 years provided there is limited flood events over the summers.

What are the details of the regime under which approval is being sought?

Please write your answer here:

The Resource Management Act 1991  
Conservation Act 1987  
Fresh Water Fisheries Regulations 1983

If you seeking approval under the Resource Management Act, who are the relevant local authorities?

Please write your answer here:

Northland Regional Council  
Whangarei District Council

What applications have you already made for approvals on the same or a similar project?

Please write your answer here:

A resource consent application was made to the Northland Regional Council about 5 years ago and has been on hold for several years awaiting a concession from DOC to a tailrace cross their 20meter strip and similarly a fish passage for elvers. DOC refused to process application as Northland has a policy of not Damming Rivers. the resource consent and DOC concession application have been withdrawn in favour of this application.

Is approval required for the project by someone other than the applicant?

Yes

Please explain your answer here:

Gae Lewis - Trustee of SBS and Director of Glenview Estate Ltd

If the approval(s) are granted, when do you anticipate construction activities will begin, and be completed?

Please write your answer here:

Detailed Design - The turbines and generators engineering and design will start immediately. Once designed will be ordered from probably Germany.  
Procurement - Once designed a hydrolox screen will be ordered from Australia, the fibre glass pipes will be ordered and built in Auckland and the sluice gates will be built in Whangarei.  
Funding - Has been arranged as far as possible however the actual amount will not be known until ordering. About 1000 pages of converted river flow data to electricity generated has been done with a viable scheme as a result.  
Site Works Commencement - After the 6 to 12 months of design we will require 2 full summers to do the in river works.  
Completion - Between the 2 summers all the other construction works will be completed.

### Section 3: Consultation

Who are the persons affected by the project?

Please write your answer here:

Northland Regional Council, Whangarei District Council, All local hapu iwi as per the Regional Council and DOC consultation lists.

Detail all consultation undertaken with the persons referred to above. Include a statement explaining how engagement has informed the project.

Please write your answer here:

In 2019 and before we engaged with members of the the Korokota Marae who hold the traditional mana awa over the Wairua River. Later there senior members visited our site and then invited us to speak at ther marae annual meeting. On 18/8/2021 a 16 page full description of our project was emailed out to the attached list of hapu and iwi. Then on 6/5/2022 the Northland regional council gave written limited notification of our Resource consent to those same addresses.

Upload file here:

IRIS0058-825152359-5069 hapu cons.pdf was uploaded

Describe any processes already undertaken under the Public Works Act 1981 in relation to the land or any part of the land on which the project will occur:

Please write your answer here:

Nil

### Section 4: Iwi authorities and Treaty settlements

What treaty settlements apply to the geographical location of the project?

Please write your answer here:

Nil

Are there any Ngā Rohe Moana o Ngā Hapū o Ngāti Porou Act 2019 principles or provisions that are relevant to the project?

No

If yes, what are they?:

Are there any identified parcels of Māori land within the project area, marae, and identified wāhi tapu?

No

If yes, what are they?:

Is the project proposed on any land returned under a Treaty settlement or any identified Māori land described in the ineligibility criteria?

No

Has the applicant has secured the relevant landowners' consent?

Yes

Is the project proposed in any customary marine title area, protected customary rights area, or aquaculture settlement area declared under s 12 of the Māori Commercial Aquaculture Claims Settlement Act 2004 or identified within an individual iwi settlement?

No

If yes, what are they?:

Has there been an assessment of any effects of the activity on the exercise of a protected customary right?

No

If yes, please explain:

Upload your assessment if necessary:

No file uploaded

## Section 5: Adverse effects

What are the anticipated and known adverse effects of the project on the environment?

Please describe:

A full ecological assessment has been completed by Ecoprojects Consulting Collaborative. See attached assessment. No adverse effects have been identified. water quality should be enhanced and a sanctuary for fresh water mussels and fresh water crabs that are DOC listed as naturally scarce and locally endangered.

Upload file:

Lewis - ecological effects 9Sept2021.doc was uploaded

## Section 6: National policy statements and national environmental standards

What is the general assessment of the project in relation to any relevant national policy statement (including the New Zealand Coastal Policy Statement) and national environmental standard?

Please write your answer here:

Consist with the national policy statement on Renewable energy.

File upload:

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## Section 7: Eligibility

Will access to the fast-track process enable the project to be processed in a more timely and cost-efficient way than under normal processes?

Yes

Please explain your answer here:

This project has been deliberately hindered by DOC Whangarei who tried to reject the project even before they had received a formal application, on race related issues. On receiving the application and finding that I was Maori they held the application for over a year tell us it was being considered by experts which it wasn't. Finally their National consents team informed us that the application would be rejected as Northland had made policy not to consent Dams. This policy was not there when the application was submitted. Without fast tracking we are left with challenging DOC in the High Court. No other

entity can build this power station as the land is currently an operational Basalt quarry with a resource consent for 40,000m<sup>3</sup> per Annum which requires drilling and blasting which is not compatible with generating electricity. We will close the quarry on getting resource consent.

What is the impact referring this project will have on the efficient operation of the fast-track process?

Please write your answer here:

Without this process the hydro electric resource will unlikely to be used for many years.

Has the project been identified as a priority project in a:

Other

Please explain your answer here:

The site has been identified by the NZERDC study of hydro electric potential in Northland in July 1978 by Tonkin and Taylor that envisaged a scheme generating 2890kws at 50% plant capacity factor. A study by King and Griffin for the North Auckland Electric power in 1983 and 1991 and in 2003 all found the same generating. In 2007 Tonkin and Taylor in with Hydro Tasmania formed a gated scheme that did not proceed.

Will the project deliver regionally or nationally significant infrastructure?

Regional significant infrastructure

Please explain your answer here:

Will supply continuous power for Northland thru the National Grid.

Will the project:

Please explain your answer here:

Will the project deliver significant economic benefits?

Yes

Please explain your answer here:

More energy for Northland

Will the project support primary industries, including aquaculture?

Yes

Please explain your answer here:

More reliable power for industries. Hydro electricity will remain generating in the cold frosty nights when solar and wind generated electricity is zero. It will provide power in times of natural disaster when supply lines from down south could be broken.

Will the project support development of natural resources, including minerals and petroleum?

Yes

Please explain your answer here:

We are developing the natural resource of water flow.

Will the project support climate change mitigation, including the reduction or removal of greenhouse gas emissions?

Yes

Please explain your answer here:

The renewable energy that is generated will reduce the need for fossil fuel energy use.

Will the project support adaptation, resilience, and recovery from natural hazards?

No

Please explain your answer here:

Will the project address significant environmental issues?

Yes

Please explain your answer here:

The burning of fossil fuels is the major driver for climate change. Generating hydro electric energy will reduce the amount of fossil fuels used.

Is the project consistent with local or regional planning documents, including spatial strategies?

Yes

Please explain your answer here:

It is consistent with the Northland regional plan on renewable energy

Anything else?

Please write your answer here:

We have available engineering reports, ecological reports, geotechnical reports, drilling and blasting reports and 60 years of river flow data at one hour intervals should you require them. In relation to Maori land rights we believe we have ahi kaa. We are Maori and have lived here for 3 generations keeping the fires going. No other Maori has lived on our lands before.

Does the project includes an activity which would make it ineligible?

No

If yes, please explain:

## Section 8: Climate change and natural hazards

Will the project be affected by climate change and natural hazards?

No

If yes, please explain:

## Section 9: Track record

Please add a summary of all compliance and/or enforcement actions taken against the applicant by any entity with enforcement powers under the Acts referred to in the Bill, and the outcome of those actions.

Please write your answer here:

Nil

Load your file here:

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## Declaration

Do you acknowledge your submission will be published on environment.govt.nz if required

Yes

By typing your name in the field below you are electronically signing this application form and certifying the information given in this application is true and correct.

Please write your name here:

Neil Owen Lewis

Important notes